

# FRENDX



FEBRUARY 1983

# NASWA

## HEADQUARTERS REPORT

NORTH AMERICAN SHORT WAVE ASSOCIATION

48 WILDFLOWER ROAD, LEVITTOWN, PA. 19057

### NEW SHORTWAVE CENTER EDITOR NAMED

Beginning with this issue the new editor of the FRENCH SWC is John C. Herkimer, 3233 East Avenue, Caledonia, NY 14423. We want to thank former editor Chris Hansen for the fine job he did and regret that he had to give up the column for personal reasons.

### WANNA TRADE?

Do you remember those QSL-type cards that SWL's and DXers used to send to other hobbyists? There seems to be a renewal of interest in them and John M. Kapinos, 86 S. Quinsigamond Avenue, Shrewsbury, MA 01545 is editing a short Newsletter for those who would like to see the custom revived. John says that he will probably include information for pennant traders and other hobby paraphernalia swappers. If you're interested, send John an SASE and request a copy.

### EGE, INC. OPENS SW SUPPLY DIVISION

EGE, Inc., noted supplier of amateur and marine radios and equipment, announces the opening of a new SW Supply Division featuring radios, antennas, and accessories. A catalog is available from EGE, Inc., 13646 Jefferson Davis Highway, Woodbridge, VA 22191.

### 1983 DX DIARY OUT

The 1983 edition of the Finnish DX Association's DX Diary is now available from Gilfer Associated Inc., Box 239, Park Ridge, NJ 07656. The Diary has a 107-page section (two pages for each week) with information on international, national and local holidays, station anniversaries, and other interesting dates of the world broadcasting scene plus an 11-page Weekly Program Guide and other features. The price is listed as \$5.00 but this may vary because of currency fluctuations. Please check with Gilfer if interested.

WANTED: Early production run Kenwood R-1000 (preferably early 1980 or before). Victor Barz, Room 3305 Cross-Baits II, Ann Arbor, MI 48109. Phone (313) 763-2857 between 1200-1400 and 0400-0500 GMT.

FOR SALE: Sony ICF-6500, \$115.00. JVC RCM70JW (5 SW bands, MW and FM stereo tape recorder), \$260.00. Both in mint condition with manuals and in original cartons and both UPS insured. Fritz Apollon, M.D., 3412 Englemead Road, Baltimore, MD 21208. Phone (301) 653-0212.

FOR SALE: Hammarlund HQ-180A with KRS digital frequency display, Heathkit QF-1 audio filter and RME DB-22A preselector. Price is \$520.00 for the package plus shipping. Serge Peter Neumann, 918 North Lone Pine, Springfield, MO 65802. Phone (417) 864-8610.

WANTED: FS-4 frequency synthesizer in good to excellent condition. Gabriel Grijalva, 723 South First Avenue, Phoenix, AZ 85003. Phone (602) 253-7505.

FOR SALE: Panasonic RF-2200 receiver in excellent condition, \$100.00. MFJ-1020 indoor active antenna/preselector in excellent condition, \$50.00. Both for \$145.00, I pay shipping in the U.S. Gary Pearce, 1512 Owana, Royal Oak, MI 48067. Phone (313) 546-1709.

NO COLLECT CALLS ON THESE ADS, PLEASE.

**THE COVER:** This month's cover features Dan Robinson, former FRENCH Log Report "A" editor, present North American reporter for Radio Nederland's Media Network, member of the Washington Area DX Association and one of those working diligently to make ANARC 1983 a success.

NO COLLECT CALLS ON THESE ADS, PLEASE

**WANTED:** RME (Radio Manufacturing Engineers, Inc.) DB-20 preselector Service Manual with schematic. Paul R. Rehkopf, Jr., 104 East Main Street, Montpelier, OH 43543.

**FOR SALE:** Palomar PAL-308 preamp. Lists for \$109.95, will sell for \$55.00 including UPS postage. One year old and in excellent condition. Bob Fleck, P.O. Box 566, Colleyville, TX 76034. Phone (817) 485-5599.

**FOR SALE:** Drake R7, one year old with 2.3 and 4.0 filters installed. Also has MS-7 speaker, Eavesdropper antenna, dust cover, Transi-trap lightning arrester. In mint condition. Price \$1100.00 or best offer. I will pay UPS. Don Sardone, 622-B Clarkson Avenue, Elizabeth, NJ 07202. Phone (201) 527-8669 from 0900 to 1400 weekdays or anytime weekends.

**FOR SALE:** Sony ICF-5900W in mint condition, 1½ years old. Price \$125.00 pp. Dennis W. Tuft, 14910 Easter Avenue, Apple Valley, MN 55124. Phone (612) 423-2066.

**FOR SALE:** Yaesu FRG-7 in very good condition, \$250.00. Fuji metal cassettes (C-90), metal bias 70 US EQ, \$3.00 each. I've got four. Rob Harrington, P.O. Box 3434, Littleton, CO 80161.

**WANTED:** Old issues (1966 to 1974 editions) of the Batesville Short-wave Association. Rob Harrington, P.O. Box 3434, Littleton, CO 80161.

**FOR SALE:** Panasonic RF-2900 in excellent condition, \$158.00 including UPS. Autek QF-1, \$28.50. Radio West Ferrite Loop antenna with 22" bar and LW, MW, and SW coils, \$115.00 or best offer. Jim Uerlings, 3908 Kelley Drive, Klamath Falls, OR 97601. Phone (503) 884-7659 after 0130 GMT or weekends.

**WANTED:** Copy of "Voices of the World" by Dr. Richard Wood. Ken MacHarg, 3813 Utica Pike, Jeffersonville, IN 47130.

**FOR SALE:** Realistic DX-200 communications receiver in new condition. Tunes 150 kHz to 30 MHz. Price \$125.00. Realistic DX-302 receiver in excellent condition. Tunes 10 kHz to 30 MHz. Price \$250.00. You pay shipping. C.M. Randall, Box 1652, Covington, GA 30209.

**FOR SALE:** Yaesu FRG-7700 with Collins filter., \$460.00. Matching tuner, FRT-7700, \$45.00 or both for \$495.00. Sony 6500W, \$125.00. Panasonic RF-085, \$50.00. JVC-6600 SW portable with BFO and pitch control, SW bands and AM/FM, \$79.00. R.H. Johns tuned dipole antenna with traps for SW, \$35.00. Joseph Coleman, 157 Walton Place, Lansdowne, PA 19050. Phone (215) 626-3376.

**FOR SALE:** Drake R7, delux SWL receiver in mint condition, no scratches. Five filters (6.0, 4.0, 2.5, 1.8 and .5) and noise blanker installed. MS-7 matching speaker. Price \$980.00. Roger Bisbee, 1702 Waldemere Street, Sarasota, FL 33579. Phone (813) 955-0234.

**FOR SALE:** Kenwood R-1000, about one year old. Like new. Price \$275.00 including UPS. Larry Mindel, Route 3, Waunakee, WI 53597. Phone (608) 849-7207.

**FOR SALE:** Galaxy R-530, SC-530 speaker with manual. Price \$300.00 plus shipping. Gilfer A-20 Preselector, \$25.00 plus shipping. Cashiers check or money order. A. Drehman, 11714 SW 129 Court, Miami, FL 33186. Phone (305) 385-3879.



# Shortwave Center

February 1983

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

This edition of Shortwave Center marks the beginning of my tenure as editor. It's my hope that, in the coming months, each of you will find something of interest here. Your comments and suggestions are always welcome.

I would be remiss if I didn't acknowledge the encouragement and good wishes I've received. I appreciate it!

I'm going to save the obligatory introduction for another time so that we can kick off this month's features....Part 3 of "On To The Top"--Don Jensen's excellent primer for the serious DXer, an exhaustive survey of Latin American verifications by Stu Klein, the debut of our own John Moritz with a provocative "It Sounds To Me" and more. Let's go....



## ANARC 1983

Washington Area DX Association  
(WADXA)

Association of North American  
Radio Clubs

606 Forest Glen  
Silver Spring, Maryland 20901

The Washington Area DX Association (WADXA) is pleased to announce that the Association of North American Radio Clubs Convention (ANARC '83) will be held from July 15-17, 1983. The site is the Westpark Hotel in Rosslyn, Virginia, just across the Potomac River from Washington, D.C. All radio enthusiasts are invited to join in for what promises to be one of the most interesting and exciting ANARC conventions ever.

At the Washington convention, you'll have access to radio station representatives, the world's leading DXers, broadcasters, radio manufacturers, and experts on a variety of radio-related topics.

The program of events is still being planned, and we'll keep you posted here as they're announced. **MAKE YOUR PLANS NOW!**

## On To The Top

by DON JENSEN

Part Three: HOW CAN I HEAR THOSE RARE STATIONS REPORTED BY THE EXPERIENCED DXERS IN THE CLUB?

As suggested last month, knowledge is the key to success. DXers should concentrate on learning all they can about the major DX bands below about 7 MHz, starting with the best of the batch, 60 meters. Concentrate on learning patterns of propagation; ideally the theoretical hows and whys, but, minimally, observe and learn by actual on-the-bands observation.

This leads to the next point of concentration.

Concentrate on certain stations. One reason experienced listeners manage to hear the really rare ones is because having logged so many stations, they can concentrate efforts on a relatively few wanted targets. The less experienced, needing more stations, often take a scattergun, hit-or-miss approach.

For example, when a good opening occurs for Indonesia reception, the less experienced DXer might spend his time taking a log on RRI, Ambon, 4845 kHz. He "needs" it and is pleased to receive a new one. But the veteran, already having logged and verified Ambon, concentrates on trying for the rarer Indonesians, say the local government station, Radio Pemerintah Daerah Kabuptan Poso!



Ambon may be a good catch, a new logging for you. But wouldn't you be happier receiving Poso? It takes self discipline to pass up a sure Ambon for a chancier Poso, but the odds are that you'll next hear Ambon--and get a reportable logging--far sooner than another crack at Poso!

The choice--and naturally you won't always opt for the chance of hearing the ultra rare one over the sure bet logging--is tough for the less experienced listener. It means gambling on the possibility of a rare one and, for that day at least, passing by a medium-hard station already at hand. The veteran DXer who has already QSLed the easier station doesn't have to think twice before chasing the really rare outfits when top notch openings occur.

A word of caution here! Don't let the higher stakes--giving up temporarily a sure catch for a gamble--color your judgment. Apply the same identification standards you always do. The weak muddle down in the mud may be Poso....or it may not. Your gamble may not pay off. But if it does....

The decision as to when to play it safe and take the needed logging at hand, and when to gamble on the possible really rare one, is easier if you have a "want" list.

Rare is the experienced DXer who doesn't have his own list of most wanted stations. Check on what others are hearing, particularly the DXers you regard as "pros". Draw up a list of about 10 such stations that you really want to log. In any situation where you're faced with the decision to play it safe or gamble on the rare catch, let your want list establish the priority. Concentrate on these stations when conditions to a certain area of the world are most favorable. If you have no luck, then go after the secondary targets. When you knock one off, replace it on the list with one you badly want to hear.

Compile a "book" on each station on your want list. Minimum information, of course, is frequency and the time when it is being received in your area. Comb the bulletin for more tips; schedule, language used, etc. Is there an especially favorable time "window"? Perhaps the normally strong utility on the frequency is off Sundays. Can it be heard only on occasions after a powerful nearby station signs off? What type of programming would you expect to find? Country and western music? Outdated U.S. pops? A French newscast?

In short, get all the background data you can. It'll help if and when you actually do hear the station.

Finally, tune as often as possible for your most wanted stations. Trying for it seven times a week is better than six, six a week is better than four. Make the odds work in your favor!

NEXT MONTH...Identifying the rare stations.

### An SWC Station Profile- by John Herkimer

For Emisoras Gran Colombia, 1983 marks 39 years of dedicated service to the people of Ecuador with the proclamation, "Orgullosamente en el Liderazgo de la Radiodifusión Ecuatoriana".

Indeed, in the studios on calle Guayaquil in Quito, Director-General Eduardo Cevallos Castaneda labors to satisfy the cultural, religious, political and sports needs of his listeners. The reward of his efforts is an impressive array of awards and citations, culminating in 1978 with the coveted "Premios Ondas", presented by la cadena SER in Barcelona, Spain. It meant international recognition at last for this ambitious station. "Emisoras Todo Evento" was born.

However, it's sports coverage that sets Emisoras Gran Colombia above its competition. Their slogan, "La Voz Deportiva de la Capital" is no boast. Under the play-by-play announcing of Jacinto "Copa Mundo" Landazuri, a veteran of Ecuadorian broadcasting, the station covers a wide variety of sporting events. In fact, Emisoras Gran Colombia sponsors its own 22km marathon each year, attracting some of Latin America's most talented athletes.



Audible most evenings on 4911 kHz, the transmitter at Guajaló puts a respectable signal into North America, up to it's highly variable 0500 s/off.

Letters are welcome, to Casilla 2246, and Nancy Cevallos handles the correspondence. She is especially interested in good quality tape recordings but laments that, due to her other duties as musical director, answering the large volume of mail can be difficult. If you don't mind the wait, and an occasional follow-up, that station sends a nice letter and pennant.

Saturday, Nov. 27, 1982 Gazette Telegraph — A15

## Radio Peking officials enjoy Colorado visit

By Sue McMinn  
GT Staff Writer

A small version of the Great Wall of China in Colorado?

Well, not exactly. But the chief of Radio Peking's news branch was surprised to find something in Colorado that reminded him of the Great Wall: Skyline Drive in Canon City.

Liu Erhuang is one of three Radio Peking representatives in Colorado Springs this week as part of a seven-week tour of the United States.

The trip, sponsored by the U.S. Information Agency, is part of an exchange program between the Voice of America and Radio Peking.

Radio Peking's programs are broadcast over short wave radio in 38 foreign languages and several Chinese dialects.

The trio put Colorado Springs on their itinerary because of a correspondence and friendship that began in early 1980.

Colorado Springs resident Robert Charbonnell, one of a group of Radio Peking listeners, wrote a letter to the Chinese state

radio station complimenting its New Year's program, Liu said.

Later that year Charbonnell's wife and friends traveled to China and met several of the radio station workers.

The Radio Peking representatives celebrated their first Thanksgiving with four Thanksgiving dinners in Colorado Springs — three in private homes and one at the Peterson Air Force Base Officers' Club.

"We came here especially to visit our friends," Liu said. "We are the first team to visit Colorado Springs."

It was a trip to the Royal Gorge that brought Liu to Colorado's "Great Wall."

"That winding road looks just like the Great Wall," he said with amazement.

This is the second Radio Peking exchange trip to the United States, and Liu said he hopes it will be an annual event.

"We have a bridge of friendship created by radio waves," he said. "We have increased friendship between our two peoples, and we have increased our understanding."



Liu Erhuang

The trip started in Washington, D.C., where the group toured museums and historic sites before heading south to New Orleans for a visit to Preservation Hall.

In Chicago, they toured a computer factory and Liu said he was impressed with the facility's compactness and efficiency. They also visited the University of Chicago.

They will visit Los Angeles and San Francisco before returning to China.

Paul and Marion Hale, who sent the above clipping, spent 19 days in China recently as guests of Radio Peking. Paul writes, "We were invited because we are listeners of Radio Peking, which wanted American input about it's programming. Underneath it all was a strong undercurrent to establish a bridge of communication and an eagerness to cultivate friendship and understanding with Americans".

"In our travels we were escorted by a representative of Radio Peking and an interpreter. In addition, our group was met in each of eight cities by officials of their local radio station".

Paul adds that their personal activities were unrestricted and he mingled freely with the public. Many spoke English and, as he was told, they keep current by listening to The Voice of America and the BBC. Paul was impressed by their quick perception of the ideas he expressed in English.

Radio Peking is again interested in hosting another small group in October 1983. Anyone interested in touring China should contact the Hales at 1619 North Royer, Colorado Springs, Colorado 80907.

# IT SOUNDS TO ME!

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

## THE STATE OF THE ART by John Moritz Jr.

1983. A new year. Where does the hobby lie? While much has been done in the last couple of years to bring together the dxing and SWling group, there still remains many differences between the two. These differences are usually the things that stand out front and that are continually talked about in hobby publications. But, much exists in common between the two groups. Our common bonds in the same hobby are rarely, if ever discussed. The dxer was, and still remains the original program listener. It remains the dxer who digs heavily into the music and culture of the station and country that he listens to. It goes without saying that the SWL is also program oriented, but basically toward a major international broadcaster. Still the similarity is there. But, he is also a dxer of sorts, finding new frequencies, new broadcasting times, new programs.

A simplistic view? Perhaps so, but it is still very much to the point. We all have much in common, and the idea of this column will be to bring the groups together in a way that will be enjoyed and contributed to by both. Hopefully, this will be for the benefit of our hobby and the stations we listen to.

But, what of the state of the art? From an equipment stand point we have entered the computer age. Radios and computers have and will continue to merge in even larger ways in coming years than in the last few. The next ten years in this hobby will see clubs owning computers, and indeed, will see computer log listings, and computerized bulletins. Rock has hit the major broadcaster. More than any other single force rock will be the medium of the new major commercial broadcaster. WRNO and KYOI are the forerunners of this trend. Political persuasion and national philosophy continue to dominate the established major broadcasters. Then, there are those who march to the beat of a different drum. The Clandestines have also come of age.

What stake do we as hobbyists have in all of this? Of course, ours is only a hobby. But, more than any other, our hobby is truly immersed in the events and philosophies of the real world. The basic instincts remain the same. The guy who first heard KDKA on his radio many years ago, and the guy who logs Falklands today still get the same feeling of excitement and accomplishment. But, the hobbyist has become sophisticated. We now see dxers reporting complete ID texts for Latins and Indonesians. It is no longer "in" to just say you heard an ID, you should report that ID. Dxers have gotten into the music of Latin America and the historical perspective of those countries in much detail during the past five years or so. Dxers have become specialists. The SWL is also more aware of what he listens to, and writes to specialized bulletins about program content. He is rightfully critical of things he hears on the radio. Also, both groups are keenly aware of the fact that the bands are crowded, that power remains supreme, and that something should be done to bring some logical peace to the situation on the bands, especially above 6200 KHz.

What can we do together? Better, what should we do together? As hobbyists in the coming years we must reach together for the common ground that exists between us all and attempt to meld that into a force that has some say about what we listen to on the shortwave bands, be it DX or SW. We must strive together to clean the bands of power pollution and piggy-back broadcasting. We should and must be critical of trends that do not benefit us. The tropical bands must be protected, not so much for the dxer as for the purity of those who seek to reach to the people in the heartlands. Confusion must no longer be the norm on the international bands. We should even delve into the force of religion on the radio and the force of politics on the radio. Third world broadcasting must be allowed to develop naturally and on its own, not with the influence and money of another country, or corporation behind it.

We should speak out for the right of broadcasters everywhere to speak the truth, not the philosophy of the ruling body. This applies not only to the meager miner's station in Bolivia, but also to the powerful Voice of America. But, we must also speak against our stations moralizing to us. We want to hear about America, the Soviet Union, Germany, England, and other countries. What we don't need or want are the "facts" as seen by the various ruling political bodies of such countries. We don't need the neoconservative morality of certain groups, or the trite comments about human rights broadcast over Radio Moscow. Radio is for the public consumption, and it should, to a large part, pay attention to that same public, not dictate to them. Culture, history, music and entertainment. Willis Conover, BBC Rock Specials, As it Happens, these are instances of radio's finest moments.

## IT SOUNDS TO ME (cont'd)

Yes, as different groups in the same hobby we do have much in common. Let us attempt to work together in these pages to not only better our hobby, but the world and the people we listen to as well. Of course there are different points of view, of course things are not as simple as I have presented them. But, the merging for the common good must start somewhere. Let that place be in the pages of "It Sounds To Me".

In coming months we shall delve into politics and religion on the radio. We shall look at rock on the radio. Is it good or is it bad? We shall look into philosophies of broadcasters, and we shall also examine ourselves. I look forward to hearing from many of you.

Our only criteria is that you do not attack personally a fellow hobbyist. His ideas are open to attack, but not him personally. That is it. Say what you might, in a logical and intelligent fashion. Finally, it should also always be noted that the opinions that will be presented in "It Sounds to Me" are those of the individual expressing them, and not necessarily the policy of NASWA and its governing body as a hobby publication.

I want to publicly thank my good friend John for assuming the rather tough task of editing "It Sounds To Me". Not many can do it. In fact, I thought of shelving the column for awhile, at least until I could find the right person to handle it...one with a strong hobby background, especially in NASWA, and who is articulate. John qualifies on all counts. Those who are fortunate enough to know him can attest to the fact that he has some very compelling views on our hobby, as you'll surely discover in the coming months. I hope you'll respond with your point of view as well. We'll all be better for it. (JH)

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### A Shortwave Center Short by Al Sizer

Do you know anyone who has a QSL from that ultimate, Tristan da Cunha? Well, there's a well known sailor-author who has sort of a QSL...his name, Tristan Jones.

As he tells the story in his new book, "A Steady Trade--A Boyhood at Sea", he was born May 5, 1924 in his father's sailing vessel during a raging storm, 150 miles north of Tristan da Cunha. It was a difficult breach birth and the captain and mate got directions by radio from a doctor on Tristan, although they could not hear very well in the storm. As a result, the baby was named, "Tristan Jones".

Jones says the wheel has turned full circle, for now, almost 60 years later, the present doctor on Tristan da Cunha has named his son after Tristan Jones, the author!

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**¡PARA LOS DXISTAS ACTIVOS!** Remember Pitt McNeil's article in the November 1980 SWC on recordings of Andean music? If you're like most, trying to find these records in a store can be frustrating. The folks at IPANEMA RECORDS have a free catalogue of Latin American records, including many of the central Andean albums Pitt mentioned. Write to them at Box 49452, Austin, TX 78765. Or try MIRO MUSIC (Box 342, Old Chelsea Stn., NY, NY 10114) for recordings by Chilean vocalist Victor Jara or the folklorico group, Inti-Illimani, featured recently on the PBS series, "Flight of the Condor".

For the bookshelf, a free catalogue is available from WAYFARER BOOKS (Box 1121, Davenport, Iowa 52805) which includes: The Indonesia Handbook, The South Pacific Handbook, great backpacking books on Peru and Bolivia, language cassettes (even Farsi) and alot more. For Andean enthusiasts who enjoy rising early to hear Radio Huancavelica, I recommend "A Traveler's Guide to El Dorado and the Inca Empire" by Lynn Melsch. (JH)



UPCOMING...interviews with some of the hobby's most intriguing personalities, profiles on rare stations, in-depth reports on Latin American clandestines, propagation features, tips on getting those tough veries, and that's just a start! We look forward to hearing from YOU. 73s-

*John*



# VINTAGE VIGNETTES



WDX3UPA Bill Taylor, Box 132, Unionville, PA 19375

## RANDOM RAMBLINGS

With your permission, I would like to take a break from past styles and formats. This issue marks the beginning of my third year as a contributing editor in FRENEX. I bear this anniversary with quite a bit of pride due to the reception that you have so kindly given to my column. It takes the efforts of all of us to create a club and a publication such as we have; and yet all too often take for granted. As such, I wish to encourage all of you to contribute all that you may. The end product will benefit us all.

Chris Hansen has departed; and John Harkimer begins; as gerente of Shortwave Center. To Chris, I wish the best of DX and congratulations on the advent of a degree of personal freedom (and free time) that he has foregone for several months. John ... we're all behind you. 73 in 83.

In light of the above comments, I would like to weave a yarn concerning my entry into collection and restoration; and, ultimately, my request to certain persons to allow me a bit of space to share these avocations with you. Perhaps this may strike a responsive chord. I hope so.

One of my Western Civilization professors always began his fall semester with a study of the "Theory of Causation" by a gentleman named Gustavsen. In short, the fall of the Roman Empire was precipitated not by the use of lead water pipes, but by way of an extremely severe drought on the Asian steppes nearly one hundred years previous to the fall. Just as a cue ball dislodges the balls from a billiards rack, the drought forced the Huns to move westward to dislodge the Ostrogoths (who, in turn, imposed upon the Visigoths); as Attila continued to press westward, these diverse peoples were successingly squeezed into smaller areas and forced to ally themselves and/or war with Rome; and, finally, Rome herself was to come to face the sword of Attila, thus losing many of her possessions and much of her might. And you thought it was lead poisoning and licentiousness.

It should be no secret that I have an affection for history. Those of us who deal in the physical sciences would be lost if every generation had to rediscover fire and the wheel. Metaphysicists among us find great solace and direction from the musings of those long departed. And, of course, our hobby is sufficiently oriented to the physical sciences and humanities to benefit from similar perspectives.

My own story might well be entitled from "Sears to Silver-Marshall". Having need of a radio for the job-site, I went to the local Sears store. The run-of-the-mill AM-FM that I was searching for turned out to be a multi-band portable that was then on closeout sale. The discovery of (God forbid) Moscow and the BBC impressed me. The vast amount of fare engrossed me. And, somewhere along the line, I was bitten (rather a bit harshly) by the DX bug. QSL cards began to turn up in my mail with interesting pamphlets and outright propagands. (I majored in poli-sci.) Unfortunately, my portable had a few shortcomings. Sensitivity and selectivity were rather high on this list.

The deluge of equipment pamphlets and spec sheets began to outstrip the number of QSLs taking residence in my daily mail drop. The sight of this dazzling receiver, and that immensely professional looking one, was only equalled by the heavyweight price tags attached to them.

It was at this point that I began to discover the intrinsic worth of some of the old workhorses. Jim Fred's Antique Radio Corner column in the (now deceased) "Elementary Electronics" magazine was a great help in entering the hobby of old radio. Organizations such as the Antique Wireless Association and the Antique Radio Club of America foster a fraternity of both collectors and restorers. These people are an extremely valuable group of men and women who are presently in the process of preserving and passing-on a heritage of early technology. They are sincere; and, generally, they are very friendly. Jim Fred is but one of them.

The next step in my new hobby was the acquisition of vintage gear. The older receivers are electronically similar to modern gear in a circuit-for-circuit comparison. They merely weigh about five times more. Boat anchors! But, some of those boat anchors are comparable only to modern sets costing (quite literally) thousands of dollars. The object is to learn the particulars of certain sets, and then to take oneself to task in their location and acquisition. Once again, the club contacts are very important.

My search led me through the flea markets and garage sales; it took me through auctions; and, it made me carefully examine the want ads and trading newspapers. Ever so slowly, I began to acquire both communications gear and some of the most beautiful home furnishings ever produced. These investments (for that is what they really are) are primarily historical and aesthetic. You see, when I began to collect the military hardware for DXing, I fell in love with the old walnut wonders.

Some of us have a need to work with our hands. The next logical step is the study of electronics and the electronic restoration of these old friends. I am firmly of the belief that education must be based on a progression from simple principles to succeeding more complex units. I began at the crystal set and wave traps. Tuned radio frequency receivers came next. Then I moved on to the "gennies" and "hets". I learned of the developments in vacuum tubes. And then they rediscovered the wheel that I was referring to earlier. We went back to the little crystal. Only this time it was silicon, and not galena.

While gaining this knowledge, I became enthralled with the fact that the circuits are essentially identical whether they are composed of the old "valves", or of modern semiconductors. The thrill of taking an orphan radio like my Atwater Kent Model 35 and fixing the years of disrepair, then pulling in stations from all over the mid-west, was extremely satisfying. A clean-out here and an RF alignment there, and pretty soon I had a stable of successes.

Somewhere along the line, I felt that something was missing in FRENDX. I wanted to see radio history in it. I felt that this was a part of our heritage every bit as important as Hiram Maxim was to our cousins in the ham bands. The concept seemed to work well with SWC. Hence, I worked up my courage as a novice SWL/DXer and volunteered to Bill Oliver.

Somewhat to my surprise, the answer was posted that indeed this was a workable idea. I was handed over to John-John, and the rest is in the library on the shelf of your shack. The omnipotent editor and publisher turned out to be really great guys. We, and you, us; we make a team.

As I said at the outset, I requested your leave to evoke your support... your teamwork. Some of us are data banks and others are story tellers. Many of us are so busy that we can hardly get to the set anymore. A good many of us virtually live on the bands. I, personally, am a busy, story-teller. But together, we melt together to form a pretty well oiled machine.

This yarn has just about run out. But, I'd like to click the needles one last time. Consider yourself. Examine your interests and your strengths. Then, write to somebody.

73's in 83

*Bill*

Antique Radio Club/America  
81 Steeple Chase Rd  
Devon, Pa. 19333

Antique Wireless Assn  
9 Belden Ave.  
Sodus, N.Y. 14551

Puett Electronics  
Box 28572  
Dallas, Tx. 75228

Radio Club of America  
Box 2112 Gr. Cent. Sta.  
New York, N.Y. 10017

Vestal Press  
Box 97  
Vestal, N.Y. 13850

Radio Age  
636 Cambridge Rd.  
Augusta, Ga.  
30909

Give these fine folks a try. You won't be sorry.

# TECHNICAL TOPICS

ED C. SHAW

604 GREEN RIDGE COURT, LEXINGTON, KY 40503



## KENWOOD

WHEN IT RAINS, IT POURS!! Introducing from Kenwood, the new R-2000. This entry is no doubt entered to be in competition with the new ICOM R-70 also just appearing on the market. The features are similar and I will elaborate on them.



The R-2000 is an all-mode SSB, CW, AM, and FM receiver that covers 150 KHz to 30 MHz in thirty bands. Like the ICOM, microprocessor controlled operating features provide some advantages only available on much more expensive sets.

Key features digital VFO's and ten memories (compared to only two for the ICOM), and a scanning ability both for memories or between two frequencies.. just like a CB or police scanner. At right are some of the more important specifications, and comments that this writer feels are important to observe.

More specific information on the R-2000 is available from authorized dealers. You might also want to write Trio-Kenwood 1111 West Walnut Street, Compton, Ca., 90220.

Like the ICOM R-70, optional accessories are necessary for making the receiver operable on DC source, but a competent technician can accomplish this as well.

One of the ICOM features NOT found in the R-2000 is a true passband tuning, or a notch filter. Perhaps users will feel the advantage of ten memories and more RF attenuation control of the R-2000 are a comparable trade-off.

What's more, the ICOM selectivity of 6 KHz is atrocious, and only marginally acceptable when judicious use with the passband tuning it offers is employed, giving 3 KHz

Selectivity: 6 KHz wide or 2.7 KHz narrow. This is better than the R-70 offers. What's more, even the 2.7 figure can be improved with use of standard filters available. Not so the ICOM.

Ten Memories: Each one of these can hold a catch by mere push of a button. AND, they each can be tuned just like a separate radio... a fine advantage over the ICOM.

Lithium Cell Back-up: Your memory stays alive even when you turn off the power. Uses little power, will last 4-5 years. Replaceable easy.

Programmable Band Scan: Will continuously go thru all the things you have in the ten memories, OR will scan between any two freqs you put in...i.e. the whole 31 meterband.

100 Hz resolution: Just like the ICOM, and also has similar 3-speed tuning rate.

Two 24-Hour Clocks: Tells your rx when to come on or off. And, also for DC remote control on rear panel.

Squelch Circuit: Like the ICOM, stays quiet until a station is on the air. Useful for keeping a low noise background.

RF Attenuation: In several 10 dB steps; more than ICOM offers. And, includes an antenna fuse in case of large incoming current.



FRENCH LATIN AMERICAN QSL SURVEY  
January 1976 TO December 1982 inclusive  
Compiled by Dr. S. David Klein

Format followed:

Country Name

# QSLs - Station Name(# in 1982, if any)

ARGENTINA

- 96 - RAE/R. Nac. Buenos Aires(31)
- 23 - LOL(1)
- 20 - R. El Mundo(5)
- 15 - R. Rivadavia
- 12 - R. Splendid(1)
- 6 - R. Nac. Mendoza
- 4 - R. Belgrano
- 1 - LOL2; R. Mun. Malargue

ARGENTINE ANTARCTIA

- 15 - R. Nac. San Gabriel(6)

BOLIVIA

- 32 - R. Illimani(18)
- 19 - R. Panamerica(10)
- 13 - La Cruz del Sur
- 12 - R. Fides
- 11 - R. Abaroa(10)
- 8 - R. Nueva America
- 6 - R. Emisoras Bolivia
- 5 - R. Mamore; R. Padilla(3)
- 2 - Paititi Rdfn.; R. Grigota; R. Nac. Cochabamba(2); R. Progreso; R. Stentor(1)
- 1 - R. Animas; R. Indoamerica; R. Luiz de Fuentes; R. Machupo; R. San Miguel; R. Tropico

BRASIL

- 203 - R. Nal. Brasilia/RadioBras(25)
- 31 - R. Brasil Central(3)
- 25 - R. Guibaba(4)
- 20 - R. Bandeirantes(1)
- 14 - R. Cult. Para(2); R. Cl. Para(1)
- 13 - R. Relogio Federal
- 12 - R. Borborema(1); R. Riberao Preto(4)
- 11 - R. Cult. Sao Paulo(2); R. Rio Mar
- 9 - R. Aparecida(1); R. Cult. Araraquara(1)
- R. Inconfidencia(1)
- 8 - RTV Gaucha
- 7 - R. Taubate(1)
- 6 - R. Anhanguera(1); R. Diaro da Manha; R. Jornal Comercio; R. Nal. Boa Vista; R. Soc. Feira de Santana
- 5 - R. Educ. Braganca; R. Educ. Rural Coari; R. Marumbi(2); Rdfa. do Amazonas
- 4 - R. Capixaba; R. Cl. Pernambuco; R. Dragao do Mar; R. Jornal Brasil(2); R. Nal. Macapa/Rdfa. Macapa(1); R. Nal. de Sao Gabriel(2); R. Oito de Setembro; R. Record(1); R. Tupi
- 3 - R. Bare(1); R. Cult. Bahia(2); R. Cult. Curitiba; R. Educ. 6 de Agosto/R. Xapuri; R. Excelsior; R. Globo Rio; R. Guarujá; R. Pioneira Teresina; R. Poti
- 2 - Ceara R. Cl.; Lins R. Cl.; R. Cl. Riberao Preto(2); R. Cl. Varginha; R. Cult. Campos(1); R. Cult. Pocos de Caldes; R. Educ. Rural Santarem; R. Educ. Uberlandia; R. Globo de Sao Paulo; R. Iguatemi; R. Marajoara(2); R. Nal. Cruzeiro do Sul(2); R. Nal. Tabatinga; R. Olinda; R. Timbira(1); Rdfa. Aquidauana; Rdfa. Londrina; Soc. R. Dourados

- 1 - A Voz do Oeste; A Voz do Sao Francisco; Em. Rural Petrolina; Mossoro R. Soc.; R. Alvorada; R. Caiari; R. Cl. Conquista; R. Cl. de Marilla; R. Cl. Paranaense; R. Continental; R. Cult. de Aracatuba; R. Cult. Sergipe; R. Educ. Cariri(1); R. Educ. Limeira; R. Educ. Palmares de Alagoas; R. Educ. Rural; R. Educ. Sao Jose; R. Gazeta; R. Guarani; R. Maua; R. MEC; R. Panamerica; R. Progreso Souza; R. Rural Brasileira; R. San Carlos; R. Spanema; R. Tabajara; R. Tapuio; R. Universo(1); Rdfa. do Maranhao; Rdfa. de Pocos de Caldes; Rdfa. Presidente Prudente; Rdfa. Roraima

CHILE

- 59 - R. Nacional(1)
- 14 - R. Universidad Concepcion(1)
- 12 - R. Agricultura(2)
- 10 - R. Minería
- 6 - R. Patagonia Chilena(3)
- 3 - R. Portales
- 2 - R. Calama
- 1 - CCV; R. Dimension

COLOMBIA

- 34 - R. Sutatenza(2)
- 29 - R. Guatapuri(4)
- 26 - R. Nacional
- 22 - R. Bucaramanga(1)
- 18 - LV del Cinaruco; R. Santa Fe
- 13 - Em. Nueva Granada(3)
- 12 - LV de los Centauros
- 10 - Em. Meridiano 70
- 9 - Ecos del Combeima; LV del Llano
- 8 - Ondas del Orteguala(1); R. Colosal; R. Melodia
- 7 - Ondas del Darien(3); R. Cinco; R. Super Bogota(1); R. Super Cali
- 6 - R. Meiva(1); R. SurColombiana(1)
- 5 - R. Super Medellin
- 3 - Em. Kennedy; LV del Centro; LV de la Selva; R. Mira
- 2 - Ecos del Atrato; LV del Caqueta; LV del Huila; Ondas del Meta
- 1 - Brisas del Citara; LV de Cali; LV del Norte; LV de Tolima; R. Transamazonica; R. Vision

COSTA RICA

- 97 - Faro del Caribe(5)
- 51 - R. Casino(8)
- 35 - R. Reloj(8)
- 19 - R. Noticias del Continente
- 17 - R. Rumbo(5)
- 7 - R. Universidad
- 5 - R. Nacional(3)
- 4 - R. Nueva Victoria

DOMINICAN REPUBLIC

- 29 - R. Clarin(1)
- 28 - R. Mil
- 13 - LV de los Fuerzas Armadas
- 12 - RTV Dominicana
- 3 - R. Norte
- 2 - LV de la Libertad
- 1 - La Nueva Voz del Papagayo; LV de la Romana; R. Barahona; R. Comercial; R. HIN; R. Neyba

ECUADOR

- 37 - R. Quito(6)  
 31 - HD2IOA(5)  
 26 - R. Zaracay(3)  
 16 - Ondas Azuayas  
 15 - Em. Gran Colombia(2)  
 9 - Esc. Rad. Pop.; LV del Napo(3);  
 R. Iris(3); R. Luz y Vida(1)  
 8 - CRE; R.Federacion; Rdfa.Paz y Bien(5)  
 7 - R. Jesus del Gran Poder(7)  
 6 - R. Cult. Antena Libre(6)  
 5 - R. Pastaza; R. Splendit(1)  
 4 - LV del Rio Tarqui(3); R.Centinelas del  
 Sur(1)  
 3 - R. Baha'i; R. Triunfo(1); R.Tropical  
 2 - LV del Rio Carrizal  
 1 - LV de los Caras(1); Ondas Quevedenas;  
 R. Casa de la Cultura; R. El Mundo;  
 R.Popular; R.Rio Amazonas; R. Turismo

EL SALVADOR

- 9 - R. Nacional(4)

GALAPAGOS ISLANDS

- 82 - LV de Galapagos(3)

GUATEMALA

- 87 - R. Cultural(3)  
 25 - R. Chortis(2); R. Tezulutlan(8)  
 23 - R. Maya  
 22 - Union R.(2)  
 18 - R. Mam(1)  
 17 - R. Nacional(5)  
 16 - LV de Nahuala  
 6 - LV de Atitlan  
 3 - R. Miramundo

HONDURAS

- 105 - LV Evangelica(12)  
 22 - LV de la Mosquitia(14)  
 13 - R. Swan  
 8 - R. Progreso  
 6 - R. San Isidro  
 4 - R. Lux(1)  
 3 - R. Juticalpa; R. Luz y Vida  
 1 - R. Suyapa; R. Variedades(1)

MEXICO

- 92 - R. Mexico(11)  
 16 - R. Huayacocotla(1)  
 12 - Tus Panteras Juveniles  
 8 - R. Educacion(1); R. Universidad Sonora  
 7 - R. Nucleo Oro  
 3 - LV de America Latina  
 2 - R. Universidad Potosi(2)  
 1 - R. M11

NICARAGUA

- 74 - LV de Nicaragua/Rdfa. Nacional(10)  
 2 - R. Zinica  
 1 - R. Sandino(1)

PARAGUAY

- 48 - R. Nacional(22)  
 2 - R. Charitas  
 1 - LV del Amambay

PERU

- 34 - R. Atlantida(3)  
 14 - R. Tropical(1)  
 11 - R. Victoria  
 9 - R. Union(4)  
 8 - LV de la Selva(4); R. del Pacifico(3);  
 R. San Martin(3)  
 7 - R. Nacional  
 6 - R. Esmeralda(2); R. Imagen; R.Madre de  
 Dios(1)  
 5 - R.El Sol(1);R.Panamericana; R.Tacna(4)  
 4 - R.Cult. Amauta(1); R. Inca; R. Quilla-  
 bamba  
 3 - R.Andina; R. Continental(1); R.Melodia  
 (1); R. Oriente(2); R. Rioja(3)  
 2 - Ondas del Hualaga; R.America;R.Cuzco;  
 R. Huancayo(2); R. Juliaca; R. Loreto;  
 R. Santa Rosa  
 1 - Ondas del Titicaca; R. Chinchaycocha;  
 R. Coop. Satipo; R.Eco; R. La Cronica;  
 R. Moderna; R.Nac. 1080; R.Nac. Tacna;  
 R. Pampas; R.Qollasuyo; R.Satelite(1);  
 R. Tarma

URUGUAY

- 37 - R. El Espectador(7)  
 27 - SODRE  
 10 - R. Carve(2)  
 3 - R. Libertad Sport  
 1 - LV de Melo; R. Ariel; R. Sarandi

VENEZUELA

- 71 - Ecos del Torbes(10)  
 53 - R. Rumbos(6)  
 39 - R. Juventud; YVTO(7)  
 27 - R. Yaracuy  
 25 - R. Nacional  
 19 - R. Barquisimeto; R. Occidente(5);  
 R. Universo  
 16 - R. Lara  
 13 - LV de El Tigre  
 10 - R. Turismo  
 9 - R. Continente; R. Maturin(1)  
 7 - R. Frontera(5); R. Sensacion  
 6 - R. Tachira(5); R. Valera(5)  
 5 - R. Carora; R. Los Andes 1040  
 4 - R. Sucre(4)  
 3 - Ondas Panamericanas; R. Capital;  
 R. Impacto; R. Maracaibo  
 2 - R.Mara;R.Mundial Bolivar; R.Universid.  
 1 - LV de Carabobo; LV de la Fe; R.  
 Angostura; R. Anzoategui; R. Coro;  
 R.Libertador(1); R. Mundial; R. Puerto  
 La Cruz; R.San Cristobal; R. Tropical;  
 R. Trujillo; Rdfa. Venezuela

Abbreviations used:

- Cl. = Clube  
 Cult. = Cultura, Cultural  
 Educ. = Educadora  
 Em. = Emisora, Emisoras  
 LV = La Voz  
 Nac. = Nacional(SP)  
 Nal. = Nacional(PT)  
 R. = Radio  
 Rdfa. = Radidifusora  
 RTV = Radio Television  
 Soc. = Sociadade

Radio stations HCJB, Ecuador and R. Habana, Cuba omitted for obvious reasons.



FEBRUARY 1983

# Listeners Notebook

GLENN HAUSER, Box 6287, Knoxville, TN 37914

## PROPER CREDIT

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**AFGHANISTAN** R Afgh G here w/EG to S&S&S & FE from USSR xmters; 1009-1030 on 17720 & 21460; 6230 also ancd but unhrd; 6230 is hrd regularly from f/in around 1400 to s/off (Stig Hartvig Nielsen, Viborg, Denmark) SSB feeder on 19637.25 USB again obs 13/12 for short period carrying R Afgh DS pgm I in Dari & Pashto but unhrd 14/12. Intermittent use may be in order to provide back-up facilities to other means of comm (WBI 16/12)

**ALBANIA** R Tirana ES; some fqs may vary  $\pm$  5 kHz to avoid QRM. EG: 0000-0030 Nam 9750 7065. 0130-0200 & 0230-0300 Nam 9750 7120. 0330-0400 Nam 7300 6200. 0430-0500 Af 9480 7300. 0630-0700 Eu 9500 7080. 0700-0730 Au & As 11985 9500. 0930-1000 Au & As 11985 9500. 1230-1300 Nam 11960 9515. 1400-1430 SEAs & Au 11985 9500. 1630-1700 Eu 9480 7065. 1730-1800 Af 15433 11985. 1830-1900 Eu 9480 7065. 1930-2000 Af 9500 7075. 2030-2100 Eu 7065 1395. 2200-2230 Eu 9480 7065 1395. (WBI 23/12)

**ALGERIA** After seeing sked in Jan LN, decided to look for this old friend. Surprise--on 15160 & 15370 (with WYFR splash from 15365), began EG pgm w/intl svc ID, 5 min of light mx, 2005 mx mixing w/KGEI, on occasion covering it. 2017 mx, 2020 report on natl liberation, mvmt of S Africa, 15/1 (Richard A D'Angelo, Wyoming PA) RTWA hrd on 9685, from 2000 EG, 2030 SP, 2100 FR, vy strong 10/1; annog 15160 15215 15370 9160, none of which were hrd (nor 9610); same time in AR on 9498 (Ernie Behr, Ont.) R Algiers w/EG 2000-2030 on 15160, mx & pop mx, G (Rodney Norris, Sydney NSW, RA Japanese DX Time 16/1)

**ANGOLA** R Nacional, 9535, hrd 6/1 w/"V of Palestine" 2130-2200 in EG PT & FR, about 10 mins ea, sked Tue Thu Sat, but order of langs changes; annog Luanda addr (Behr, Ont) E. P. Bassa-congo, 4885, 1/12 1920-1930 in PT & vern, P (W MoLa, Play-DX, Italy) unID Angolans hrd 13/12 - on 4795 1950-2040 // 4820, but at 2040 in FR not //. On 4907.3, 1920 // 4820, P-F (Giuseppe Zella, Tromello, Italy, Play-DX)

**ANTARCTICA** QSL letter from LRA-36 gives sked as 2200-0030 on 6030 11955 15476, power apx 2 kW (Richard A D'Angelo, PA) 15473.8, has cut pgm since mid-Dec, now hrd 2230-2430\*vw, some days up to 10 mins early or late; also dropped all EG FR IT IDs, and has new morning pgm at 1300-1500 per anmt. ID is vy specific about QTH at Esperanza, even annog the coordinates (Behr 4/1) Many major NZ newspapers carried a local press story on my verification of LRA-36, linking it to the revelation of a 1952 incident when a British Navy frigate was sent to Hope Bay, in the then British Falklands Dependency, to enforce sovereignty following an Argentinian machine-gun attack on British scientists unloading supplies. The story was run with prominent headlines such as "Argentinian Radio Based in British Antarctica". Several days later, in a follow-up press interview, Dr Ray Adie, Deputy Director of the British Antarctic Survey in Cambridge, England, acknowledged that the Argentinians have a radio stn at Bahia Esperanza/Hope Bay. The British base is only about a half mile from the Argentinian base, but has not been manned since last summer, Dr Adie said. Of course it may not be LRA-36 that Dr Adie was talking about, but just the communications set-up with Argentina; however, the way I hear LRA36 in NZ, always with severe polar flutter, convinces me that the stn is indeed in the Antarctic regions (Bryan Clark, Auckland, 6/1) The great-circle path from Auckland to Esperanza skirts 73°S, whilst that to Bs. As. only goes to 58°S (gh)

**ARGENTINA** RAE DX pgm on Thurs in all xmans, incl EG: 1100-1130 11710, 1930-2000 15345, 2230

-2300 11710, GMT Fri 0100-0130 & 0230-0300 & 0430-0500 on 11710 9690 6180 6060 (RAE via Bill Oliver, PA) 6060.1 was hrd 0659 13/12 under geo storm condx, w/G sigs, R Nacional IDs, into 3 mins of rx 0700, then complete RN ID w/Eqs, etc, all in SP (Don Moman, Edmonton Alta)

AUSTRALIA Spectrum pgm--tried at 2112 19/12 but no reception at all, 21650 just above the noise; 0330 tho 17795 was listenable, but not easy; rest IA [inaudible?] or very poor. 15160 might be just listenable too (Don Moman, Alta) Spectrum at a convenient time, 2115 GMT on 6035, 16/1, SIO 333 (Richard A D'Angelo, PA)

R CBN, Sydney, E Coast Commercial pgm at 0603 on 7405, but CBN messed it up on 28/11 as weak w/fading and abrupt close 0617. Maybe another xmtr fire? (Rodney Norris, NSW, ADGN) ECC pgm 0600 instead of sked CBN 28/11 (Pat Fitzgerald, ibid.) Britain R Intl relay, 14/11 0700 (Robert Jones, ibid.) G during BRI 14/11 0722 (David Woolley, NSW, ibid.)

BAKING During recent survey, R Bang HS on 9580 7220 6145 4890 3240 unhrd; may be having rx troubles, or could have dropped these SW now that more powerful MW xmtrs in use (Sarith Weerakoon, Sri Lanka, RA DK 9/1) Hrd most days at 1400-1500 on 11943v [Urdu //1510] (Noel R Green, UK, DSWCI SW News Dec) Hrd on 11943 11/1 1440-1450 fade, As mx, semi-reg (Sams OMDC)

BELIZE R Belize, 3285, w/bi-lingual pgm of alternating SP/EG vocals, c&w mx, OM anc also SP/EG, daily 1100-1200; this week played a Marty Robbins tune every day, 10/12. Also ancd 17/12 that "FM 89 will begin BCing today" & d feature "nx, mx, feature pgms"; svc was inaug w/an address by Min of Defense & home Affairs, Hon. E.L.B. Rogers; will cover most districts (John Wilkins, Wheat Ridge CO) R Belize ancd 19/12 that std time'd be advanced by one hour from midnight that date until 4/2, i.e. GMT -5 (WBI 6/1) So s/on & s/off an hour earlier?

BHUTAN R NYAB on 4610, hrd Fris from f/in 1300 to 1400\*, sigs poor and w/deep fading; EG 1330-1400 (Sarith Weerakoon, Sri Lanka, RA JP DK 9/1)

BOLIVIA AFP reported 10/12 that R Grigotá in Santa Cruz (listed on 4830 & 1340) had been seized by a command of the Sta Cruz Youth Committee, guided by the Bolivian Socialist Falange (FSB). A statement'd been bc calling on citizens to go out into the street in order to repudiate the visit to Santa Cruz of the Bol Pres. R Fides in La Paz added, in a report the same day, that R Willy Bendeck (listed on 1450)'d also been occupied. Cadena Panamericana in La Paz, reporting on the occupation on the following day, added that a similar incident'd occurred at the Santa Cruz TV stn 9/12, when a document'd been xmtd claiming that Bol pres "'d written a black page in the history of the co-existence of the people of Santa Cruz" (WBI 16/12) R Cuarto Centenario, Tupiza, recently obs on 5030 from \*1100 (WBI 6/1)

BOTSWANA R Botswana hrd on new 4848 (// 3356) arnd 1730+ w/lcl vern pgms (John Stewart, UK, Dec DSWCI SWN) One night on 4847.85, but several nites later back near 4845 so check carefully (Noel R Green, ed., ibid.)

BRAZIL R Universo, 11906v, from 1005 w/PT rel pgm & full ID, anncg 3 SW xmtrs, 1/1; also 0100-0500 relig pgms, 8/1 // 6020 at 0100, //9545 at 0430; all have some QRN (Behr, Ont)

R Iguatema, Osasco, São Paulo, ex-3295, is about to start testing on 60m; check 4765 & 4955; 10 kW (DX Clube Paulista, São Carlos, via Play-DX, Italy, 27/12)  
R Nacional da Amazônia recently obs on 15445 & 11780 0800-1500 & 1800-0300 w/mx at 1000-1050, 1335-1400, 1920-1950, 0030-0100 [the last one bearing the title, BECMS says, of "Última Edición", which is Spanish, not Portuguese... gh]. Stn ancs following stns are part of its natl net: R Nacional de Brasília [sic], DF. R Nal da Boa Vista, Roraima. R Nal de Macapá, Amapá. R Nal da Amazônia (NW). R Nal de Cruzeiro do Sul, Acre. R Nal de Tabatinga, Amazonas. R Nal de Sinop, Mato Grosso. R Nal de Alta Floresta, Mato Grosso. R Nal de Fernando de Noronha. R Nal de São Felix, Araguáia, Mato Grosso. R Jornal do Comércio, Porte [sic] Alegre, Rio Grande do Sul [this stn or one of the same name used to be in Recife, Pernambuco, which is in the tropics, unlike EGS -gh]. R Ouro Verde, Curitiba, Paraná. R Colméia, Cascavel, Paraná. Rdf de Alagoas, Alagoas. R Borberema [sic], Campina Grande, Paraíba. R Tabajara, João Pessoa, Paraíba. R Ribamar, São Luiz, Maranhão. R Cajari, Porto Velho, Rondônia. R Trairy, Natal, Rio Grande do Norte. R Educadora, Espinosa, Minas Gerais. R Progresso, Corrente, Piauí. R Nal, Rio de Janeiro (WBI 6/1)

R Caiçara will start operating this sked in next months, so be prepared: 1000-2200 on 6080, 10 kW; 9520 & 11895, 1 kW each, 24h (Cláudio R Moraes via WRTH via Dec DSWCI SWN.)

R Marumbá, Florianópolis, sked W. 0830-0300, Sun 0900-2200 on 9675; delete 6085 & 6125 (ibid.) R Aparecida, S.P., 0300\* on 11848 (Dan Robinson, DC; RNMN 20/1) VOA relay, LSI

BULGARIA R Sofia ES in EG: 0000-0100 Nam 11720 9700, 0400-0500 Af 15110 11720; Nam 7115. 0730-0800 Eu 15110 9700. 1830-1930 Af 15370 15310 11735 9740. 1930-2000 Eu 11720 9700. 2030-2130 Af 15370 15310 11735 9740. 2130-2200 Eu 9700 9665 7115. 2230-2330 Nam 11720 and 9700 (WBI 23/12)

BURMA IMI

CAMEROON Somewhat unusual to find high quality EG pgm booklet published by Af stn; interesting one from R Buea indicates wide use of EG & FR; sked weekdays 0425-0805, 1630-2305 on 3970; 1058-1625 on 6005; Sundays 0428-0645 & 1630-2305 3970, 0645-1630 6005. Power 4 kW; EG

nx 0530 & 2100 (Arthur T Cushen, MBE, Invercargill NZ, NZ DX Times December)

CAPE VERDE Monitoring 7154/5 spottily, not hrd since 24/11 (John Wilkins, CO, circa 28/12) Hrd 13/1 on 7155, 0758 mx, 0802 nx, ID only as "Emissora Oficial"; F w/BBC QRM (Bishop, PA) A Voz de São Vicente, 3930, hrd 1/1 w/spi New Year pgm to 0140\* (C Dondi, Play DK, Italy)

CENTRAL AFRICAN REPUBLIC LV de la Rép Centrafricaine, Bangui, strong at 1225 23/12 on 14444 i.e. 2 x 7222 (nom 7220) in Sango & FR w/Afro-Cuban & Highlife mx (Richard E Wood, S Arabia)

CHINA R Peking; strange goings-on daily: \*1000 daily in RS w/IS & ID "Govorit Peking" on 5144.3v; usually shifts fq 2-3 times until 1055\*; other fqs noted: approx 5135.3, 5142, 5144 .3, 5151; but on 19/12 stayed full 55 min on 5145; 1055\* ID, tho, sounds like "Govorit Viktor Radiostantsiya"; sounds like jamming on most fqs; always // non-shifting 6560 & probably others; intentional? (John Wilkins, CO, 16/12, others)

Sichuan PBS, Chengdu, recent survey shows Pgm I in Std CH 2120-0030, 0320-0630, 0725-1530 on 7225 +MW; pgms include CPBS relay 2230-2300, 0930-1020 Lang lesson [which?], 1200-1230 CPBS relay.

Hunan PBS, Changsa, pgm pwr for 19/12 included: 2230-2300 CPBS relay, 0000-0030 & 0730-0800 EG les, 0030-0100, 0800-0840, 1200-1230 CPBS relay; in Std Chinese 2120-1605 on 4990.

Hubei PBS, Wuhan, pgm pwr for 20/12 included: 2150-2200 EG les, 2230-2300 CPBS relay, 1200-1230 CPBS relay, 1330-1400 EG les; in Std CH 2100-0650 & 0850-1530 on 3940 (WBI 23/12)

Guizhou PBS, Guiyang, pgm pwr for 24/12 incl: 2200-2230 EG les, 2230-2300 CPBS relay, 0515-0545 EG les, 1200-1230 CPBS relay, 1300-1330 EG les; in Std CH 2130-0030, 0150-0600, 0850-1605 on 7275 3260 +MW.

Shaanxi PBS, Xian, pgm pwr for 23/12 incl: 2150-2220 EG les, 2230-2300 CPBS relay, 0430-0500 JP les, 1200-1230 CPBS relay, 1405-1435 EG les; in Std CH 2130-0635 & 0930-1520 6176.

Zhejiang PBS, Hangzhou, Pgm I pwr for 27/12 incl: 2140-2210 EG les, 2230-2300 CPBS relay, 1200-1230 CPBS relay, 1330-1400 EG les. In Std CH, Pgm I 2100-0505 & 0850-1505 ancd on 8910 6785=(2235-0515 & 0850-1030) 2475 + many MW.

Tibetan PBS, Lhasa, ancd 24/12 a new sked for Std CH svc effective 1/1, incl: 2320-2340 CPBS relay (not Sun), 2340-2355 "Soldiers of the Plateau" (PLA pgn, not Sun), 0000-0015 Tibet nx, 0030-0200 & 0400-0430 CPBS relay, 0500-0515 Tibet nx, 0630-0640 & 1010-1030 Tibetan Lang les, 1040-1055 "Soldiers of the Plateau" (not Sun), 1130-1145 Tibet nx, 1200-1345 relay CPBS (to 1430 Sat), 1430-1445 Tibet nx. Pgm pwrs at 2300, 0350=(not Sun), 1000. Std CH svc at 2300-0205, 0350-0650, 1000-1455 daily exc Sun: 2300-0650 & 1000-1455; fqs ancd as 9490, 7170, 5935, 4750.

Guangxi PBS, Nanning, Pgm I pwr for 3/1 incl: 2230-0200 relay CPBS, 0430-0500 EG les, 1200-1230 & 1430-1600 relay CPBS; in Std CH & Liuzhou dialect, 2110-0500 & 0850-1605, obs on 4915 +AM & FM.

Yunnan PBS, Kunming, per sked in Yunnan Ribao 17/12 incl: Pgm I 2150-0100, 0225-0600, 0855-1600 (Sun 2150-0800 & 0855-1600) on 7210 4760 2460, incl: 2230-2300 CPBS relay, 0000-0030 EG les (not Sun), 0900-0930 EG les, 1200-1230 CPBS relay, 1400-1430 EG les (not Sun). Second Pgm (Number one): 2155-0330 (holidays 0200), 1055-1540 on 6937 in dialects: 2200-2300 Xishuang Banna Tai, 2300-2400 Lahur, 0000-0100 Nuijiang Lisu, 0100-0200 R Beijing Vietnamese pgm relay, 0200-0330 R & TV Univ lang pgms also on 5950, 1100-1140 pgm for Chinese compatriots outside Yunnan, 1200-1300 Nuijiang Lisu, 1300-1400 Xishuang Banna Tai, 1400-1500 Lahur, 1500-1540 as 1100. Second Pgm (number two), 2225-0030 & 1225-1430 on 5960 2310: 2230-2330 Dehong Tai, 2330-0030 Jingpo, 1230-1330 Dehong Tai, [1330-1430?] Jingpo. (WBI 6/1)

Gansu PBS, Lanzhou, monitoring survey shows 6155, 6005, 4865 at 2125-0130, 0330-0605, 0900-1600 in Std CH. Qinghai PBS, Xining, 9780 6260 4940 3950, 2220-0100, 0340-0615, 0955-1520 in Std CH (WBI 13/1)

R Peking has 10 min ncast beamed to E Caribbean area, 6 days a week, added recently (K Barton, SDC, KTRW DX 6/11 via Dec NZDXT) If so, first & only 10 min xman; why? (gh)

COLOMBIA New stn on 4915, Armonías de Caquetá, Florencia, hrd daily + 1015-1115 f/out w/ soft vocals, Xmas mx, OM ancr, asked for rpts & comments; 1033 ID ancd HJJK, MW, 30 kw and 3 kw SW, 16/12 (John Wilkins, CO) Nonetheless, Chris Lobdell has a printed reply showing HJVK; you can't tell by listening unless given phonetically as the two letters are identically pronounced in SP, but two different ways depending on position in word (gh) Ecos del Combeima, 4785 in SP, first time hrd here, 27/12 0450-0459 Andean mx on Cadena Súper, 0459 ID, localpgm of Col mx, OM ancr & fqt "Ecos del Combeima" slogans, on past 0600, F level; also hrd all nite 28/12 (John Wilkins, CO) See also UNID section, 9755.5

CUBA R Havana, full ES sked; \* = USSR xmtrs. 0000-0050 SP Ams 17760 17705 15335 11970 11760 9770 6080 6060. 0050-0200 SP Ams 17760 17705 15335 11760 9770 6080 6060. 0100-0450 EG Ams 15300 11930. 0200-0300 Creole Haiti 6060; SP Ams 17760 17705 15335 11760 9770. 0300-0330 FR Ams 11760. 0300-0600 SP Ams 17760 17705 9770 6080 6020. 0330-0600 EG Ams 11760. 0400-0925 v of Cuba SP Ams 1160 (to 0900) 720 690 650 630. 0450-0600 EG Ams 15300. 0630-0730 SP Medit/Af 11970. 0630-0800 EG Ams 6020. 0730-0830 PT Medit/Af 11970. 0830-0930 FR Medit/Af 11970. 0900-1000 PT Brazil 11930. 0930-1045 SP Medit/Af 11970. 1000-1050 Quechua Bol/Per/Ec 11760. 1100-1200 Creole Haiti 6060. 1100-1645 SP Ams 17880 17760 17705 15300 11760 9545. 1500-1600 \*AR Medit/Af 11765, 1600-1700 FR\* Medit/Af 11765. 1645-1830 SP Ams

17880 15300 11760. 1700-1800 \*EG Medit/Af 11765. 1700-1840 FR Medit/Af 17705 11890. 1800-2000 \*SP Medit/Af 11765 9720. 1830-2050 SP Ams 17880 15300. 1840-2040 SP Medit/Af 17705 11890. 1900-2010 FR Eu 11950. 2000-2100 \*PT Medit/Af 17765 9720. 2010-2140 EG Eu 11950. 2040-2140 AR Medit/Af 17705 11890. 2050-2140 EG Ams 17880 15300. 2100-2200 \*FR Eu 9550 7135. 2200-2300 Guarani Paraguay 15335; \*EG Eu 7135. 2200-2300 Quechua Bol/Par/Ec 17705; SP Ams 17760 11970 11760 9770 6060. 2300-2400 PT Brazil 15335; SP Ams 17760 17705 11970 11760 9770 6060 (WBI 23/12) For some contradictions, see Last Sec Info, last page of LN

CYPRUS CBC ES in GK 2215-2245 Fri/Sat/Sun obs on 7180 & 6155 ex-7230 & 6040 (WBI 23/12) Sked from Bayrak Radio & TV (BKT) shows SW fq as 6150 for EG/GK; hrd on 6100 at the end of Sept but not there any longer (Roland Schulz, Germany, DSWGI SWN Dec) Roams (Green, ed, ibid)

CZECHOSLOVAKIA R Prague noted on unusual 17944 w/mx, IS and off 0900 20/12; no spoken word hrd (Richard E Wood, Abha, Sa'udi Arabia) Prague on new 11950, EG 0300-0357 & SP 0200-0257 (Cushen, NZDXT Dec) 17945 a couple days EG Pac 0830, probably error for 17840 12/12 (Seager) R Prague ES in EG: 0100-0200 Ams 11990 11950 9540 7345 5930; 0300-0400 11900 [sic] 11950 9740 9630 7345 5930. 0730-0800 Af/FE/SAs/Pac 21705 17840 11855. 0830-0900(Sat/Sun 0930) same. 1430-1500 Af/SAs/FE/Pac 21505 17705 15110 11990 7345. 1530-1625 Af/SAs/FE/Eu 17840 17705 15110 11990 9605 7345 6055. 1630-1700 Eu 7345 5930. 1730-1825 Af 17840 15110 11990 9605 7345 5930. 1900-1930 Eu 7345 5930. 2000-2030 Eu 7345 5930. 2130-2200 Eu 6055 1287. Also EG segments in Interprogramme (WBI 16/12)

DOMINICAN REPUBLIC Reliable source says R Clarín, 11700, 50 kW will resume intl pgming in EG early in 1983 (RMMN 18/11 via NZDX Times) ECUADOR HCJB hrd daily \*0857 on 6083 in Quechua (Ivar Stormo, Norway, SCDCX 30/12)

EGYPT R Cairo "Voice of Africa" EG is as per WRTH 82: 1630-1830 on 15255; this is easiest hrd EG from Cairo here, 12/12 (Richard E Wood, Saudi Arabia) & hardest elsewhere

GERMANY EAST RBI, V of the GDR, ES in EG (note: from 27/3 all xmsns one hour later [sic-actually earlier]) 0015-0100 ENAM 11975 9730, 0100-0145 ENAM 11975 9730, 0230-0315 ENAM 11975 9730. 0330-0415 WNAW 11890 11840 9560. 0445-0530 EGWAf 11960 9500. 0630-0715 WNAW 9560 6080. 0645-0730 SEAs 21540 21465 17700 15450. 0815-0900 FE 21540, 0945-1030 FE 21540. 1215-1300 SEAs 21540 21465 17700 15450. 1300-1345 ME/WNAW 15340 15240 15130 11700 9730. 1330-1415 SEAs 21540 21465 17880 15450. 1515-1600 SEAs 21465 17880 15450. 1545-1630 WAF 17830 15225. 1615-1700 Eu 9730 7260; ME 11979 [sic, also shown other times for other langs, so perhaps not a typo]. 1745-1830 Eu 7260 7185 6115. 1800-1845 EGWAf 17830 15255 15170 15145. 1915-2000 Eu 6115 6080 1359. 1945-2030 CAF 11785 9665 9620 6140. 2130-2215 Eu 9620 6080. 2215-2300 Eu 6080 1359 (WBI 16/12)

GREECE ERT on 7305 ex-7095, 0400-0450 GK, 0500-0615 GK & TK, // 9865 15050 (RA JP DX 16/1) Ham pressure? (gh) Athens npaper "I Kachimerini" in 16/12 issue reported ERT 23'd experienced 24h strike, ending that morn. Resulted in R & TV not operating (WBI 23/12)

GREENLAND Tech Dir of Xmsns Thomas S Mikkelsen says only one SW fq in use, 3999, 1000-0200 daily, no longer on 9575 (John Moritz, Fine Tuning, via RA JP DX 2/1)

GUAM KIWR noted w/2 svcs s/on simultaneously at 1300: JP 11735, Indo 11840, 17/12 (Wood/SA)

HONDURAS Panamanian nx agcy ACAN reported 3/1 that execs from 2 Hond radio nets'd reported a Nic sig QRMing their nets' nx; began 3 weeks before, only during nx. Local experts believed QRMing sig from 10 kW xmtr near Pac coast of Hond. Radio execs complained that sigs from Nic stns like R Sandino & V of Nic were being rxd in Hond border area as if locals. Sources close to Hond radio media had said a document was being prepared urging Hond govt to help the affected stns (WBI 13/1)

HUNGARY Suspect reports of Jordan & Niger in Jan LR-C on 7155 may be Hungary; I say this as both dates ("11/7" & "11/27") are weekends, and Hungary does use this fq on weekends from 0700. Not that these reports couldn't be Jordan & Niger, but I'd've looked for some mention of QRM from Budapest (Gerry Bishop, PA, 7155 expert due to Cape Verde monitoring)

INDIA AIR Delhi EG nx 2300 hrd on 15330 & 17805 6/12 (Richard E Wood, Sa'udi Arabia) AIR Home Nx in EG, fair at 0830-0840 on 17705, // 7140 9615 9630 9705 11730 11850 15250 15285; these also sked for another Home Nx 0850-0915 (Rodney Norris, Sydney, RA JP DX 16/1) AIR ES in EG, Dec 82: 1000-1100 15320-A 17387 21695 NEAs; 15285 17705 17875-A ANZ. 1330-1500 11810 15335 SEAs. 1745-1830 9595 11620 WAs. 1800-2000 11830 15265 Eaf. 1845-2230 9665 11620 UK/WEu. 1945-2045 9755 11865 WGNWaf. 2000-2230 Eu 9912. 2045-2230 9912 11755 15110 ANZ. 2245-0115 7215 9605 11765 15110 E&SEAs; 11900 15330 17805 NWAs. A=Aligarh 250 kW; B = Bombay 100 kW. Others are Delhi & Aligarh (José Jacob, AWR-Asia, via Chris Lobdell) Photo of a smudgy carbon, so I'm not sure if all the numbers are correct -gh

INDONESIA LSI IRAN VOIRI ES in AR has nx 0700, 1000, 1430, 1730; summaries 0900, 1230; roundup 2000. Press rw 0800, 1830 \*xc Fri, hrd on 11745 7230 \*HW (WBI 23/12)

IRAQ R Baghdad ES; fqs subject to constant variation. 0300-0400 EG Ams unconfirmed. 0300-0400 Persian "Free V of Iran" 9570 7180 3367 unconfirmed. 0400-0500 Persian "R Iran" 9570 7180 3367 unconfirmed. 0600-1330 Persian 9570 7180 3367=to 1330. 1330-1430 Urdu 11935= currently inactive. 1330-1430 Persian "R Iran" 9570 7180 3367. 1330-1600 Persian 1224 846. 1500-1600 Persian "Free Voice of Iran" 9570 7180 3367. 1530-1600 Hebrew 9555. 1530-2130 AR "V of the Masses" for expatriates in Eu, 9745 currently inactive. 1600-1700 AR ME PIO pgm VOPVOPR 1035. 1600-2300 Persian 9570 7180 3367=(exc 1900-2000) 1224 1197 846. 1700-1800 AR ME VOPVOPR=R Baghdad pgm 1035. 1800-2000 AR "V of Arab Syria" 1035 1116. 1900-2000 Azeri to Iran 3367. 2000-2130 AR "Corner of Arab Egypt" 1035. 2130-2230 EG Eu 9745=currently inactive (WBI 6/1) R Baghdad ES xmtmr on 9745, shown last week as inactive, in fact continues to be hrd w/VOM svc in AR 1530-, EG 2130 (WBI 13/1) #[sic] More, LMI

ITALY R Time, Scandicci, hrd on 6275 at 0413 3/1, G & surprisingly little CW QRM. Rock mx (Byrds, Eric Clapton, Rolling Stones). Annts in EG, FR, IT by M DJ. EG ID as "The Intl svc of R Time". Also ancd fqs 7370 11585, not hrd. For reported addr, see Nov RIB, p 17. I monitored same addr given by stn 4/1 0455. Apparently this is the Eu pirate that up until now has defied definite ID; hope they QSL (Bill Martin, Wilmington DE) R Time, 2/1 0630-0653 on 6273.810, IBC rapid M Voice in IT; mx, sounded like Eu & Am rock, 32233, tnx McGlellan for help. R Milano, 2/1 0635-0710 on 6221.29 mx, sounded like rock, ocd short commentary, sounds like IT, 42323, tnx again to Scott, my first Eu pirates. 3/1 0244-0514 on 6222.90, unID, probably R Milano, almost continuous mx. Eu, Am modern rock, short cryptic comments, sounded more like one or two word expletives by M DJ 0312 & 0418. Not in EG probably in IT. No real ID. Stayed up literally all nites trying to ID. DARN!!! [sic] Still on when I sleepdreamed at 0514. Had drifted down to 6221.31 by 0416, SINPO 4(1 to 3)343. Mx "Yesterday" at 0419, Beatles 0427 (Vincent J Pinto, Suffern NY)

"FM 101" ID noted on 6220a at SWNS HQ 0513 13/12 followed by nonstop pop mx 0530+. ID hrd again 0250 14/12, QRM by Spanish #s stn & LV de Sandino c 0400 (SWNS Dec)

R Milano Intl on 6221 is still (as of 21/12) only 1 kW, and only hrd irregularly, not 24h. There have been severe problems w/flooding at SW xmtmr site. RMI have been very busy reestablishing one of its main FM xmtms which was damaged some months ago, and RMI management felt that reception on 6221 was so poor in NEU that they could just as well put RMI out on the air instead of World Music Radio. The deal w/WMR has however not fallen thru (as suggested in Jan FRENEX). The talks between RMI & WMR are now supposed to conclude in RMI being bc during daytime on all fqs, and WMR pgm nighttime on all fqs: FM 101, MW 1300, SW 6221 & 11565 (the latter may be adjusted to 11569). Comments on SW fq choice (for NAM reception) would be most appreciated at: WMR, P O Box 4078, Amsterdam 1009 AB, Netherlands.

R Time, Florence, back on 6275v kHz (1 kw) after a silent period. 11585v not hrd for a long time. They have spl Intl pgming nites w/annts in various langs--think it starts at 2200 and lasts to 0500. Sometimes you can hear a pgm called "WMI - Weekend Musicradio International, 2200-2400, certainly not to be confused with WMR World Music Radio; in EG and produced by a German DJ calling himself Roger Kirk. I doubt very much that R Pace has ever been relayed by R Time (Stig Hartvig Nielsen, Viborg, Denmark, 6/1)

R Rastafari, via IBC 7/11 1445-1502\* on 11585; first Sunday each month, in EG, Af fighting songs, ID, addr as P O Box 162, Bemmala, Netherlands (Anker Petersen, Denmark, and Thomas Wendel, Germany, Dec DSWCI SW News) N.B., elsewhere reported as a Dutch stn RAI LSI

JORDAN R Amman, 11920 is active, noted w/AR nx 0800 21/12 (Richard E Wood, Abha, Sa'udi Arabia) BSHKJ DS in AR 0230-2330: 0330-0730 11920 7155, 0730-0930 11920, 0930-1400 11920 9530, 1400-1500 11920, 1500-1900 9530, 1900-2330 9530 7155 (WBI 6/1) EG svc 1500-2205 9560. Note: 9560 ancd as beamed to Eu; 11920 & 9530 to Arab Gulf (WBI 6/1) EG svc used to end on SW at 1730, and may still if BECMS forgot to indicate a fq change then, as on 855 kHz and 99 MHz thruout 0500-2205 (gh)

KENYA VOK spl New Year pgm 31/12 2150-2205, F-G (Dario Monferini, Italy, Play-DX) 4934, and he doesn't indicate s/off at 2205, so may have run even later; remember next NYE (gh)

KOREA NORTH R Pyongyang Chinese 2300-0050 on new 11850, mixed w/RCI 6-7/12. In SP 2300-0050 on new 15340; EG 2300-0050 new 15230, 6/12 (Richard E Wood, Saudi Arabia)

R Pyongyang ES: 0400-0550 AR N&ME&Af 15340 11880 9560. FR Eu 11985 11660 9360. JP on 11830 11781 9505 3015. 0600-0750 Std CH 15375 15230 11830. EG Eu 11985 11660 9360. FR N&ME & Af 15340 11880 9560. 0800-0950 EG SEAs 15375 15340 15245 11830 3560. FR SEAs 15230 11880. RS FE 9745 9560. 0900-1455 JP 6540 3015 783. 1000-1050 KR SEAs 11880 11830 9977 9745 9560. 1100-1250 Std CH 11880 11830. EG Ams 9977 9745. SP Lam 9655 9560. 1300-1450 EG SEAs 15340 11880. FR SEAs 11830. SP Lam 9745 9560. 1500-1550 KR N&ME & Af 11851 11830 9750. 1500-1650 EG N&ME & Af 11880 9977 9625. RS Eu 11660 9360 6576. 1600-1750 AR N&ME & Af 11985 9560 6340. 1700-1850 EG N&ME & Af 11880 9977 9625. FR Eu 11660 9360 6576. 1800-1850 KR N&ME & Af 11985 9560 6340. 1900-1950 KR Eu/N&ME & Af 11660 9977 9360 6576. 1900-2050 FR N&ME & Af 11985 6815 6340. 2000-2050 KR Eu 9977. 2000-2150 EG Eu 11660 9360 6576. 2100-2250 AR N&ME & Af 11985 9977 9560. JP 11781 9600 3015. 2200-2250 KR SEAs & Lam 13230 [sic-probably means 15230] 11851 11838. 2300-0050 Std CH 11851 11830 9600. EG Ams 15230 9745. SP Lam 15340 11930 (WBI 6/1)

R Pyongyang to S Korea & Japan in separate sked, SW only here: 2000-2130 KR SK 6401 6251

3320 3015=from 2100. 2130-2200 KR Japan 6401 6251 3320 3015. 2200-0100 6401 6251 3320 3015  
0100-0300 6401 6251 3320. 0300-0930 6401 6251 3320 3015. 0930-1030 6401 3320 3015. 1030-  
1100 KR Japan 6401 3320 3015. 1100-1930 KR SK: 1100-1500 6401 3320 3015, 1500-1800 6401  
6251 3320 3015, 1800-1930 3015 (WBI 13/1)

KOREA SOUTH R Korea, KBS Seoul ES: 00-01 EG Genl 7275. 00 $\frac{1}{2}$ -01 SP Eu & Lam 15575 11810.  
0100-0200 KR Genl & Lam 15575 11810 7275. 0100-0300 JP 9640. 0200-0300 EG Genl & Lam 15575  
11810. 0300-0330 Indo 15575 11810. 0300-0400 KR Genl 9640. 0400-0500 EG Genl 9640. 0430-  
0500 SP Lam 11810. 0430-0530 KR Eu/As/Ams 15575 11820. 0500-0530 FR Genl & Ams 11810.  
0630-0700 GM Eu 15575 11820. 0700-0900 JP 7275. 0900-0930 Std CH China/Korea/SEAs 7275  
6175. 0900-1130 KR ME & Naf 15575 9870. 0930-1000 JP 7275 6175; SP Lam 11725 9570. 1000-  
1100 EG Ams 9570, KR J/K/Genl 11725 7275 6175 6135 1170. 1100-1300 JP 7275 6175 6135 1170.  
1130-1200 AR ME 11805 9570. 1130-1230 EG ME & Naf, SAs & Af 15575 9870. 1200-1230 Indo  
11805 9570. 1230-1300 FR ME & Af 15575 9870. 1230-1330 KR SEAs 11805 9570. 1300-1330 EG  
Korea 6135 1170; RS USSR 9870 7275 6175. 1330-1400 Std CH Genl & K & SEAs 11805 9870 9570  
7275 6165 6135 1170. 1330-1430 EG SEAs 9750. 1400-1430 Indo 9870 9570; JP 7275 6175.  
1430-1500 JP Sam 11830 9720 7275 6175. 1430-1530 Std CH China/K/SEAs 9870 7275 6175. 1500-  
1600 JP 1449 891; KR SEAs 11830. 1530-1600 AR ME 9870 7550; RS USSR 6175. 1600-1630 GM Eu  
9870. 1600-1700 EG ME & Naf [but no longer Nam] 11830 7550. 1600-1800 JP 7275. 1700-1930  
KR ME 7550 6480. 1800-1900 KR Genl 7275. 1930-2000 AR ME 7550 6480; GM Eu 15575. 2000-20  
30 FR Eu/ME/Naf 15575 7550 6480. 2030-2100 SP Eu & Genl 15575 7550 6480. 2100-2130 RS USSR  
15575 9870 7550. 2100-2300 JP 7275. 2130-2200 GM Eu 9870 7550. 2130-2230 EG Genl 15575  
15375. 2230-2300 FR Genl & Eu 15575 15375 9640. 2300-2330 Std CH Genl 15375 9640 7275.  
2330-2400 Indo 9640; RS USSR 15375 7275 (WBI 6/1)

KUWAIT R Kuwait first pgm in AR now hrd on 11990 to 1800 ex- -1505 (WBI 13/1)

LAOS Xieng Khouang regional hrd to earlier 1200\* on 5610, maybe because Hoang Lien Son,  
Vietnam also on 5610 \*1145 (Sarath Weerakoon, Sri Lanka, RA JP DX 9/1)

LEBANON V of Hope 6215, 1506 24/12 EG DJ ancng SW only'd now carry Hebrew; into HB reli-  
gious pgm, sounded orthodox Jewish (Richard E Wood, Saudi Arabia) TV svc IDing as "Middle  
East TV" obs since 1/1 on ch E12, amts in EG w/Am accent said xmans originate from south-  
ern Lebanon and pgms 1500-1900 incl Am sports nx, serials, films w/emphasis on Christian  
faith (WBI 13/1) This would be the stn established by V of Hope but then given to CBN (gh)  
Per V of Israel report, the US Marine contingent in Lebanon'd have their own radio stn  
from 20/12 on FM, eqp flown in from Washington; no further details (WBI 23/12)

LIBYA SPLAJBC ancd at 1755 19/12 the use of 17930 17645 15455 15430 15425 15415 15280 15250  
15240 11865 11825 9615 9600 6185. The radio was traced at this time on 17930 15450 15415  
6185 only (WBI 23/12)

MALAYSIA Riyadh genl svc 18/12 reported results of a visit by Saudi Info Minister to Mal-  
aysia. Visit included signing agreement for coop in info between the two countries. It had  
also been agreed that Malaysia's radio'd re-bc pgms of Saudi Arabia's Call of Islam Radio,  
to ensure that these would reach all parts of SE Asia (WBI 23/12)

MALI Rdf Nat du Mali, Bamako, G w/"R-Mali Actualité" FR nx, rpts & remotes, 1240 23/12 on  
29144, i.e. 4 x 7286 (nom 7285). Other likely harmonics checked but not hrd (Richard E Wood,  
Sa'udi Arabia) RDN du Mali, 11960, 1700 Af mx, 1800 FR ID, fqs to 1802\*; weak but clear 3/1  
(Ernie Behr, Ont)

MALTA Newspaper "The Times" of Malta on 2/12 & 3/12 provided further details of the agree-  
ment reached between the Maltese govt and Deutsche Welle. It says DW had two sites in Mal-  
ta, one known as In-Nigret in the Mgqabba area and the other known as Xrobb I-Ghasin in the  
Marsaxiokk area, and that bcs'd resumed at noon local 2/12, "exactly 3 months since the  
power supply had been cut off" following enactment of the Foreign Interference Act. Under  
the new agreement: DW'd have right to use the bing & other facilities at the two sites  
for a period of 8 yrs until 1990 (Ed note: previous one was until 1995). Relay stn'd be  
made available to govt, or third parties authorized by govt, for max 14 $\frac{1}{2}$  hours on SW and 9  
h on MW every day. First 5 on SW and first 5 MW hours utilized'd be free of charge, but  
any addl hours utilized'd be paid for by govt at rate of 40 Maltese pounds per hour for SW  
and 70 for MW. DW'd be able to use temporarily any hours allocated to govt but not actual-  
ly used by it or by govt-nominated third parties. Maltese govt'd be required to ensure  
that bcs by 3rd parties didn't contain matters "likely to affect adversely the friendly re-  
lations between Malta & Germany". The airtime allocated to govt'd be 0101-0130, 0700-0900,  
1100-1145=(Sat & Sun only), 1500-0100 on SW xmtr one; 0700-0900 on SW xmtr two; and 0101-  
0130, 0700-0900, 1300-1500, 1800-2000 & 2230-0100 on MW xmtr (all these times Maltese local)  
Govt & DW'd also agree on areas in which DW, within its capabilities, could assist govt by  
providing pgm material and by training personnel in pgming field for the R Mediterranean  
svc. Clause 15 stated "this agreement shall cease to have effect on the expiration of one  
year from its coming into force and the govt & DW'll revert to the factual position in which

they are on the day immediately preceding the coming into force of this agreement, unless, before expiration of the period aforesaid, the relations between the Govt of Malta & the Govt of FRG have improved sufficiently to the satisfaction of the Govt of Malta and a declaration to that effect has been made by the Govt of Malta prior to such expiration". The licence to be granted to DW under the new agreement'd lay down that, apart from "normal and objectively presented news items", bcs from DW should not be concerned with the internal affairs of Malta, "and shall not be of a matter likely to affect adversely the friendly relations of Malta with any other country or Malta's status of non-alignment". DW'd be committed to engage as many Maltese citizens as possible in opns of relay stns and ancillary installations and'd, within 2 yrs, train its Maltese personnel to be able to run the stn should any such need arise. After two yrs the expatriate personnel'd not exceed four and each such expatriate'd be required to have a Maltese understudy. Relay stn at Xrobb I-Ghagin currently employs 43 Maltese and seven German engineers. Govt'd, under new agmt, reserve right to bc smts and other msgs which might be required to be broadcast by any law, as well as official smts in the event of a public emergency or natural disaster. On termination of the licence DW'd be required to deliver the relay stn and ancillary installations, incl all equipment, to the govt.

The newspaper reported the Maltese Prime Minister as stating that most of the foreign interference in Malta's affairs had come from Germans and the govt had wished to ensure that such interference stopped before the agreement came into operation and, in fact, the agreement was more of a package deal with Germany than a private agreement with DW. The newspaper stated that the PM had said that, under agmt, German govt'd promised to support Malta's case within the European Community and to provide economic aid for Malta's neutrality (WBI 16/12) In my opinion, DW paid too high a price and has grossly compromised itself (gh)

'The Times' reported 4/1 that following an agmt between Malta & Algeria on 20/5/82, Radio Mediterranean'd be starting offl xmsns for three hours per day from 18/1. It was envisaged that these xmsn hours'd be extended in future. Test xmsns began 1/1 for three hours per day and it was planned to start being in EG 1800-1900, AR 2130-2230, FR 2230-2330 on 1557 & 5960. R Mediterranean was originally established on initiative of govt of Malta 23/11/78. Membership was open to all Med countries embracing principles of peace & neutrality. It was also open to other countries embracing the same principles and having close affinity to the Mediterranean. R Med studios and admn were situated at St Francis Ravelin, Floriana, which used to house the BFBS studios. R Med'd have a regional character w/following objectives:

- to bc factual info on current events, as well as political, economic, social, scientific, cultural, musical and sports pgms of interest to countries bordering the Mediterranean;
- to promote regional understanding by encouraging relations for mutual co-operation among Mediterranean countries;
- to promote the natural role of the Med as a Lake of peace and a zone of contact between the peoples of Europe, Africa and Asia;
- finally, to provide a svc of info which took into consideration needs & cultural aspirations of the Mediterranean region.

Monitoring obs confirm R Med radiating tests on 5960 & 1557; anmts reiterated that bcs'd start 18/1, par above sked. R Med request reports be sent to P O Box 2, Valetta, Malta (WBI 13/1) R Mediterranean \*2230 w/EG, AR, FR tests anmts on 5960; 10 mins of light vocal mx, anmts repeated 15/1, regular bcs on 18/1 w/EG 1800-1900 (Richard A D'Angelo, Wyoming PA)

MONACO TWR on 11930, new 500 kW xmtr, strong from \*1555 w/bell IS, unID lang to 1615\*, over VOA QRM, 3/1 (Ernie Behr, Ont) Sked Turkish in D82 sked but on 11955 (via Don Moman, Alta)

MONGOLIA R Ulan Bator recently obs on 7235 ex-9575, 1255-1330 Mong, 1330-1400 Std Chinese, 1400-1430 & 1445-1520 EG. Recent survey of EUB Pgm I shows 2200-1600 (exc Tue & Fri when it is 2200-1130 & 1200-1600). Fqs obs are 11855 7260 4995 4865 4850 4830 4750 4080 3960 227 209 (WBI 16/12)

NEPAL R Nepal, \*0017 w/gong IS, pips, ID by W, good to excellent on 5005, 19/12, 24/12, 31/12 (L Serena, A Gropazzi, D Monferini, P Cacciamatta, Italy, Play-DX) Two new fqs, LSI

NETHERLANDS I've arranged for R Gerona to test to the USA 16/1 0500-0800 in the 48m band (6200-6300). If unsuccessful, it'll be repeated 20/2, same time & band (Scott McClellan, MI) (also direct from Hendrik Gerona via Chris Lobdell)

R Daytona Intl, located near R Nolan judging from address, which I heard will visit Eu in mid-Dec, says they will test for NAM 23/1 & 30/1 on 6274 at 0530-0700 (Brett Saylor, PA)

KBC Radio, Dutch pirate, hrd w/test xmsn, presumably to NAM, 0532 19/12 on 6261. Very fq IDs, jingles by M ancr w/Brit accent in EG. Between (and sometimes on top of) EG lang pop songs. Very exciting, fast-paced bc w/pro sound. Addr given over the air for reports: KBC Radio, P O Box 999, Arnhem, The Netherlands. Xmsn covered by ute QRM at 0546 (William J Martin, Wilmington DE)

Continuing their attempts to rid Holland of pirate radio, Dutch authorities made a surprise sweep on 36 illegal stns in Zalham, a small town near the German border. Xmtrs with a total value of around \$200,000 were confiscated during the coordinated 2-hour, 30-minute raid carried out jointly by Dutch police and staff members of the govt's Dutch Radio Control Service. Per Zalham mayor, the volume of radio piracy in the area had led to signal interference not only on legal radio and TV bcs, but also to public emergency service xmsns (Ra-

dio & Records 20/11 via SWNS Dec)

NEWFOUNDLAND CKZN St John's, 6160, is a powerhouse daily from 1100 w/CBC nx, wx & mx to 1230; only 300 watts, but as strong as RCI w/250 kW. (Ernie Behr, Ont, 6/1)

NIGERIA VON noted w/two separate but very similar, EG nxcasts simultaneously, one on 15120 and one on 15185, both at 0730. Mod on 15120 crackly; 0740 both followed w/same commentary, 29/11 (Richard E Wood, Abha, Sa'udi Arabia) VON 1/1 carried details of a press conf by FRCN chairman of the BOD. Said FRCN'd have a separate channel for its educational svc, and the new channel'd serve as nucleus of a "university of the air". Chmn had also stated that R Nigeria stns thruout the Federation'd start a 24h svc during Jan. (WBI 6/1)

OMAN R Oman noted on new 9655 w/light Big Ben-type chimes and nx in AR 1600 17/12 (Wood/SA)

PAKISTAN R Pak bc in Hindi 0100-0215 recently obs on 7386 ex-7010, // 9460 (WBI 16/12)

PANAMA R Japan is considering a relay stn in Panamá; other locations are under consideration. No plans for further SSB bcs (NHK 28/11 via Dec NZ DX Times)

PARAGUAY R Nacional hrd on 9734.8 since 24/12, from 2300 SP/GU talks & mx to 0200\*v, vy strong; they tested this fq briefly in Nov 1977; s/off varies to 0157\* (Ernie Behr, Ont, 11/1) On 9735, \*0800 or \*0900, announcing 6025 & 11915 (Sakai, Maeda, Asada, Inoue, Sasaki, Hirahara; Japan, Radio Nuevo Mundo) Also hrd on 19469.6, 2nd harmonic at 0043-0100 5/1 (Sakai, R Nuevo Mundo) Ex-11914 & 23828 (gh)

PERU Nxpaper 'El Comercio' reported 28/11 that Perú's first natl radio & TV convention, sked to close that date, 'd decided to create a single radio being assn, Asociación Única de Radiodifusión. 'D be formed by merging existing Peruvian Media BCING Assn and Union of Provincial R Stns. Convention was attended by reps from 150 stns (WBI 16/12)

AFF reported from Lima that a commando group of 6 persons had 27/12 occupied La Voz de Huamanga in Ayacucho and bc msg in Quechua & SP (listed on 6070) (WBI 6/1)

R El Sol de los Andes, 3230, 28/12 1008-1029, huaynos w/vocals, flute tune, fq IDs, TCs, nx 1022. R Nacional, 6096, 28/12 1056-1102, harp huaynos, ID 1100, fair but squeezed by HCJB 6095. R Andahuaylas, 4840, 29/12 1020-1048, W DJ, many TCs w/IDs just as "Andahuaylas" --R Valera alternately dominant every few seconds but Valera predominant by 1040 (Chris Lobdell, Red Bank NJ)

unID Peruvians: 5360 in Juanjuá, Depto. de San Martín, hrd daily to 0350\* apx; final pgm is "Música del recuerdo"; only occly ancs fqs, but two, MW & SW, but too much QRM. 6520, 18/12 w/OA highland vocals 0200; brief annt 0203, then continuous OA mx. 6908, 16/12, romantic vocals 0330+ w/TCs for GMT-5; possibly in northern Perú, judging by pgming and propagation characteristics (Tony Jones, Paraguay, Radio Nuevo Mundo, Japan) 5360: LMI + La Cron. R Pampas, 4854, Tayacaya, 31/12 \*1100-1106, s/on w/NA, ID (Nobuyoshi Aoi, Tokyo, RRM)

PHILIPPINES [Cf Jan LN-19] Report of MBS stn on 9673 seems rather strange, since R Veritas is on 9670 to 1532\* and FEBG in RS on 9675 to 2000\* (Ernie Behr, Ont) Squeeze Em In (gh) On 9673 MBS DZCA, F, pops 1056-1120 3/1; only nx //3286 6170 (Yasuyuki Masuda, Japan, Jan ADXN)

POLAND Since 11/12 Polish R 2nd pgm xmtrs obs on 1197 & 1296 (possibly ex 1206 & 1305). Both xmtrs exhibit signs of instability (WBI 16/12) BECMS might have added the significance of this--jamming BBC & VOA broadcasts in Polish and other langs; later fixed (gh)

Polish Pathfinders Stn returned to the air 19/12 after one year's silence. Hrd from 0900 on 6195 w/non-stop western pop mx & annts of official restart of pgming at 1015 the same day. Annts were in Polish, French, Russian, English. Strong here, but modulation mediocre. Nothing hrd on or off 7205 (Stig Hartvig Nielsen, Viborg, Denmark)

Also ancd on Polish Radio 16/12 & 18/12; pgms'd be produced by young people for the young not just on scouting matters; plus latest Polish & world pop mx, sked 1055-1500, exc Sat, Sun, holidays 0900-1500. Actually \*1010, confirmed 19/12 on 6195. Phone calls welcomed at 21-15-07. 19/12 & 20/12 6195 obs relaying PR Pgm II 1500-, for 30 & 45 mins resp until the xmtr closed.

PR xmtrs on 1196 & 1296 last obs on these channels 16/12 (WBI 23/12) Still not saying why

PORTUGAL RDP continues hrd on new fqs, 17825 \*0900 in PT 20/12; 15105 \*1400 in PT 10/12, mixed w/KY & DW (Richard E Wood, Saudi Arabia) Irregular mx svc bc by RDP ES as noted 6 months ago, again hrd 7/1 on 21700 15190 9740 at times between 1405 & 1800, ancd in PT as the "Seven Continents Service" (WBI 13/1)

EG ancd as 0300-0330 6025 11925, 0530-0600 6075 9575, 1600-1630 15105, 1800-1830 15250 17880 (Edwin Southwell, UK, DSWCI) + 2030 I assume & usual provisos on 1600 & 1800 bcs (gh)

POLAND [oops, continued] R Polonia ES in EG; some xmtrs 5 mins shorter. 0200 & 0300 NAM on 15120 11815 9525 7270 7145 6135 6095. 0630-0700 EU 9675 7270 6135. 1130-1200 NAM 11840 11815 9675 9525. 1200-1230 EU 7285 6095. 1230-1300 AF 15120 11840 9675 9525. 1400-1430 EU 7285 6095. 1600-1630 EU 9540 6135. 1630-1700 AF 11840 9675 9525 7125. 1730-1800 EU 9540 6135. 1830-1900 EU 7285 6135 5995 3955 1503; AF 11840 9675 9525 7125. 2000-2030 AF 9525,

7145 7125. 2030-2100 Eu 7285 6095. 2230-2300 Eu 7270 7125 6135 5995 1503. Esperanto:  
0530-0600 Eu 7270 6135 5995 3955 1503. 1630-1700 Eu 7285 6095. 1930-2000 Eu 7285 6095.  
2130-2200 Eu 7285 6095 5995 3955 1503 (WBI 16/12)

QATAR LMI

SAIPAN Revised KYOI sked per KHVH's Lawrence Berger: 1500-2200 9670, 2200-0300 15405 (from 30/12 to avoid VOA), 0300-0900 15190 (from 23/12 partly to avoid USSR/Malaysia), 0900-1500 11900. QSL via Saipan; uses modified XT-40 format w/JP hits thrown in (Dale Park, Honolulu HI, 3/1) KYOI G 23/12 15190 0310-0400+ w/pop & rock; infrequent IDs, had amnt saying that change to 11900 is now at 1800; all amnts in EG by M. Uses "Super Rock" slogan and jingles (Scott McClellan, MI) Amnts on the air give times in JST = GMT +9 (gh) Full data QSL rxd, mailed from Honolulu (Tom Gavaras, MN) Very, very strong here on 11900 daytime those days when Moscow is off; 9670 also quite G 1500-, -2200 (Stig Hartvig Nielsen, Denmark, 6/1) On 9675 ex-9670 1500-2200 (Bob Padula, Melbourne, RA DX 9/1) Subsequently checked here and still on 9670 (gh) Two mins after hearing tip on gh's RCI SWL Digest, I checked 9670 and hrd KYOI 2157 26/12 w/rock and ID twice as "You're listening to Super Rock Radio KYOI, broad casting from Saipan on 9.670 MHz. Our program continues on 15.415 MHz." Returned to 15415 at 2200 but only SPLAJBC and VOA English. 9670 was good (Richard E Wood, Sa'udi Arabia) Cf Jan LN; first positive reception here was 0520 17/12 on 15190; 11900 at 0731 17/12. Prior to this, tone tests on 15190 between 0609 & 0700 6/12 turned out to be USSR Mayak pgm; they also tricked me on 9/12. An OC on 15415 0237-0303 5/12 may have been VOA, but 10/12 OC on fq obliterated both VOA & Brazil around 0000. KYOI puts solid sigs into NZ during the day - 15405 at 2200-0100 & 15190 0100-0900 (Bryan Clark, Auckland NZ, 1/1)

SA'UDI ARABIA BSKSA Bengali (more correctly: Bangla) now at 1200-1300 on 15345. IDs as "Saudi Arab Radio". FR 0500-0700 back on 11855 28/11 (Richard E Wood, ibid.) Indonesian bc 1000-1150 from BSKSA Jiddah, recently obs on 21565 (WBI 6/1) more, LMI

SEYCHELLES FEBA on 11705 in AR 0330-0430\*, G 4/1; and 11760 Farsi 0248-0318\*, vy strong 4/1 wiping out Cuba (Ernie Behr, Ont)

SOLOMON ISLANDS Martin Hadlow of SIBC is researching early history of broadcasting here; wants input, tapes if possible from people remembering the WW II AFRS stns WVUQ, WVTJ. Addr: c/o SIBC, P O Box 654, Honiara (Bryan Clark, NZ DX Times)

SOUTH AFRICA SABC 31/12 reported Afrikaans svc'd initiate changes in nx pgming from 3/1. Two add'l nx bulletins introed Mons-Fris 0725 & 1000; daily 5-min regional nx retimed from 1810 to 0810. Also reported that R Lotus, svc for Indian listeners in Natal'd be introed 8/1 and'd use four FM xmtrs in southern Natal. Expected stn'd reach 82% of province's Indian population, 67% of total Indian pop in Saf. New svc'd op 1600-2130 daily; longer hrs Sat & Sun, and'd carry nx 1700 & 2100 daily; 1300 Sat & Sun (WBI 6/1)

SPAIN SFR EG svc 2000-2100 now hrd on 15375 15190 11840 9765. 2100-2200 EG Af 15375 11760 only (WBI 13/1) Cf Jan LN-20; SFR was right about Venezuela on 11695, but would you believe El Salvador on 11905 or V of Panama on 5995? Latter was reported for 3rd time in SFR DX pgm 12/12, supposedly hrd in Spain at 1100-1400. Even if stn did exist, how could anyone in EU possibly hear it at that hour? (Ernie Behr, Ont) DX tips are their weak point...

SUDAN R Omdurman, not reliably reported in recent months or years, is active on SW again. Noted 0800 w/nx in AR on new 11940; G sig, 21/12 (Richard E Wood, Abha, Sa'udi Arabia)

SURINAM AFP reported 8/12 that Radika'd been destroyed. Quoted Surinam State radio as not saying how destroyed. Radika listed on 640; State radio presumably refers to SROS on 4850 & 725, 96.4 (WBI 16/12) NOS, Holland stated 8/12 that ABC R had also been destroyed 7-8/12; listed on 1030 kHz (WBI 23/12)

SWEDEN R Sunrise may just make it to NAM on reg sked, 1000-1045 first Sun of month, nom fq 11415, but may move around in 11411-11419 range. Addr Postbus 41, 7700 AA Dedemsvaart, Netherlands. In Denmark or possibly southern Sweden (John Campbell, Dec DSWGI SWN) Accent of ancr puts it in Sweden, not Denmark (Stig Hartvig Nielsen, Denmark, Feb RIB)

TANZANIA R Tanzania, 9684, hrd since 4/1 w/Swahili HS 1500-2101\*, off w/ID & RA, but since 10/1 u/Algeria. R Tanzania ES, 9748.75, hrd 14/12 w/EG nx 1600, 1800, 1900; 1816 "V of Namibia" pgm, s/off 1916\*v (Ernie Behr, Ont) R Zanzibar [sic] 3339 verie signer: Tatu A. Abdalla (Eter Aktuell, Sweden, via Play-DX, Italy, 20/12) more, LMI

UGANDA LMI

U S S R All-Union R, Central TV, and R Moscow 21/12 bc live relay of ceremonial joint session of CPSU Central Committee, the USSR Supreme Soviet and RSFSR Supreme Soviet marking 60th anniversary of formation of USSR. Live reportage in RS, on some 70 SW channels 5900/21750, began 0745, continued until 1100, exc Mayak which split away 0930. Commentary on the proceedings in EG by RMWS 0745-0913 obs on some 30 SW fqs; FR 11, SP 8 (WBI 23/12)

Ukrainian Radio, DS Pgm 2, "Promin" (English: Ray) on 6020 0500-1645, 4940 0300-0150 (WBI 13/1)

U K O G B A N I AFRTS being hrd on 9921.5 LSB again around 0900; QTH is Croughton (Barford) UK per CPL 5 (Noel Green, UK, DSWCI Dec) BBC WS to Carib now 1100-1330 on 15255 ex-15215 (Robert Chester, RA JP DX 26/12)

UNITED NATIONS UN Radio new sked effective 31/12: Fridays + GMT Saturdays only: 1830 EG pgn summary, 1831 EG nx, 1838 PT nx: Gvl 20060 LSB, 21710, 15120, 18782.5 LSB; Tangier 15360, 1845-1900 AR nx on same. 1900 FR pgn summary, 1902 FR nx, 1915 FR pgn, 1930 EG Week at UN, 1945 Women/Scope/UN Radio Club (monthly [usually on first Fri]) on same, so far intended for various parts of Eu/ME/Af. E Carib & Brazil 2100 EG Carib Nx Mag, 2115 FR nx, 2130 Carib Echo (EG), 2145 UN Carib Mag (EG) on Gvl 15120 & 17730. Brazil, W & Caf 0000-0015 nx mag in PT on Gvl 15270 20060 USB 19505 LSB, Monrovia 15235 9715. W Carib/C&SAM 0030-0100 nx mag in SP on Bethany 11830 15160 9565. W/C/SAF 0200-0300: 0200 1'ONU et l'Afrique, 0215 UN Africa [EG], 0230 nx mag in SH, 0245 nx mag in SH, on Gvl 10454 LSB, Bethany 10869 LSB, Monrovia 15435, 6190. W&CAF 0530 nx mag PT, 0545 UN Africa [EG] on Gvl 15105 11740. Eu/ME/NAF 0630-0715: 0630 1'ONU et l'Afrique, 0645 FR nx, 0655 GK nx, 0700 HB nx, 0705 TK nx, 0710 EG nx, on Gvl 9555 11875, Tangier 17815 15195. W&CAF 0800 UN Africa [EG], 0815-0830 1'ONU et l'Afrique, Gvl 15120 11740, Monrovia 15235 17860. E/NE/S/SE As, 0945-1045: 0945 UN Calling Asia, 1015 JP nx, 1030 CH nx, Delano 9565, 13860 SWB, Philippines 15250. From Roma, Mondays 1920-1930 UN nx in AR 9575 11800 15245; from Switzerland, Fridays 1830-1840 UN nx in Russian on 4UZ, 14500 USB.

Broadcast of Meetings: Morning sessions: Af 1530-1800 21670 15120, 1800-2000 21625 15410. ME 1530-1800 15150, 1800-2000 11955. Afternoons: Af 2000-2200 15410, 2000-2400 on 21625, 2200-2330 15415, 2330-0600 9620, 0000-0500 11905, 0500-1000 11740, 0600-1530 15120, 1000-1530 21670. ME 2000-2345 11955, 2345-0900 6055, 0900-1200 9620, 1200-1400 15155, 1400-1530 15150 (UNR via gh) All these are Greenville, all in EG & FR. In reality, meetings are very seldom broadcast these days, even during the fall; I rather miss their accessibility tho the classical music fill during inevitable delays was often more enjoyable than the speeches... Some of these fqs are not on the air at all unless needed by UNR, e.g. 6055; others are on the air used by VOA unless needed by UNR, e.g. 15410/15415 (gh)

U S A VOA Verification Policy: Listeners requesting QSL cards must provide details such as date, time, fq and a brief description of pgn. If this information is verified, a QSL card is returned. Xmr sites are also verified when provided in the report. [Emphasis mine -gh] All QSL requests should be sent to VOA, Washington DC, 20547 (Brian Strong, Public Affairs Specialist, US Embassy, Wellington via Dec NZ DX Times) So it's up to the reporter to find out what the site is? Or make up any you need or like. Someone please try "VOA via Honolulu" and see if they buy it (gh)

[CF Nov LN] Recently I have hrd a series of 4-digit numbers in SP on 11895. I noticed this fq was a VOA via Greenville and sent for a QSL card. In two weeks I rxd one showing 11895, 0020 GMT, Nov. 25, Greenville, v/s Wayne Greene (Rob Sobkoviak, Plainfield IL)

7/1 0444 hrd AFRTS in AM, v/ weak, // v/ loud 6030, on 6300 (Don Moman, Edmonton Alta)

WINB hrd 1945 w/Jerry Falwell to 2000\* on 17730; then \*15185, 9/12 (R E Wood, S Arabia)

VENEZUELA R Nac, 9530, in SP "para Centroamérica, área del Caribe, y el Mundo", \*1100 IS, NA, past 1127 when VOA-9525 s/on & wiped out EN; nx, features, asked for reports; ment that "from Dec 15" 11695 & 9555'd be used, but these not hrd here, nor 9530 since; VG here, SIO 454 (John Wilkins CO, 14/12, mailed 28/12) more VENEZUELA LMI

R Nacional hrd on 11694.5, 1800-1901\*, SP talk, mx, but distorted mod 10/1; much stronger on 9529.7 0102-0204\* & 0309-0411\*, same distortion (Ernie Behr, Ont, 11/1)

R Nacional de Venezuela ES in SP now hrd on 11695 ex-9530 1100-1200 & 1800-1900; 0100-0200 & 0300-0400 remain on 9530 (WBI 6/1) YUGOSLAVIA LMI VIETNAM see LAOS

CLANDESTINE CRANNY Voice of Free Nicaragua and R Benjamin Zeledon, operating in the 31 and 49 mb resp, were to be set up inside Nicaragua, where a further four stns would also be installed, reported LV de Sandino in a recent bc (WBI 6/1) LV de Nicaragua Libre hrd in SP 0000-0030 on 6180 since 7/1, describing itself as the offl voice of ARDE - the Democratic Revolutionary Alliance. It also states that it is a 'xmr struggling to rescue the Sandinist Revolution' and a 'radiophonic trench serving the truth and justice of a people temporarily downtrodden by a Stalinist state'. VOVN pgms consist of slogans and commentaries against the present Nic govt (WBI 13/1)

Need I point out that 6180 brings to mind LV de Guatemala? But following tip from Charles Hargrove in NY, I hrd this on 5850 RC SSB, 17/1 0405-0455, but not next morning or following evening at any time; changed fq again? (gh) In a New Year's msg bc by V of Sandino at 0000 2/1, leader of Sandino Rev Front (hostile to Nic govt) said in a few days R Benjamin Zeledon'd be on the air in southern part of Nic and VOVN in the northern part (WBI 13/1) LV de Sandino switched from 6.2+ MHz to 5825, 6/1 1130; 7/1 0042-0136\* on 5845, powerhouse signal w/almost local level audio. Quite an improvement for them; another indication of CIA backing? Apparently moved due to R Venceremos QRM (Steve Reinstein, DK S Florida) more, LMI

R 15 de Septiembre obs on 5565 apx at SWNS HQ: t/in 1150 4/12 u/hvy jamming, 0550 7/12 again jammed; 11/13 at apparent 0340\* w/no jamming. Hvy jamming obs on fq 0310 11/12 (SWNS Dec) 7000 kHz, 11/1 usual pgn 0300-0335\*, off w/LD & NA, weak mod (Behr, Ont)

R Vencerepos 15/12 and that for tech reasons 'd temporarily QRT FM, but 2 SW fqs'd continue. 18/12 RV bc refutation of a claim by the El Salvador High Command that RV FM 'relay stn' at Guazapa Hill 'd been destroyed. Stn said FM'd bc 19/12 0230 (WBI 23/12) RV resumed bcs 0230-0330 on FM 97.0 MHz 26/12 (WBI 6/1) RV noted 4/1 1245-1252\* on 6210, an obvious move to QRM LV de Sandino by bringing the jammer with it, ex-6720v area (Reinstein, DKSF)

LV del CID, 7351.5 hrd 5/12 w/"Música Libre" & ID, 0305-0332\*, strong (Behr, Ont) see IMI & unIDs 6820 6866

Pro-Solidarity program in Polish is carried on R Clarín, Dominican Republic, 11700 kHz, some days but not every day at 1930-2000. No explanation, usually SP LV del CID pgms before and after; gives NY addr. Tax to Tim Hendel, Miami for tip on this (gh)

Spy Numbers "Spy Feast" hrd a single evening, GMT 21/12 on 19 fqs incl parallels: 0100 SP 4 digit 11532 & 9072. 0104 GM 5 9266. 0203 SP 4 11532 9072. 0204 GM 5 9972. 0300 SP 4 11532 9072. 0302 GM 5 9266. 0403 SP 4 5810 8418. 0404 SP 5 3090. 0500 SP 5 3445. 0502 SP 5 6780. 0507 SP 5 9450. 0610 SP 5 12315. 0706 SP 5 8870. 0800 SP 5 7342. 0800 SP 5 3442. And 23 of them 10-11/1: 2240 KPA2 12415. 2300 SP 4 11532 13452. 0000 SP 4 11532 9075. 0000 SP 5 4044. 0005 GM 5 5016. 0100 SP 4 11532 9075. 0126 SP 3 10570. 0200 SP 4 11532 9072. 0300 SP 4 11532 9072. 0301 SP 5 11420. 0306 SP 5 11540. 0400 SP 5 6226. 0400 SP 4 5810 8418. 0500 SP 5 3445. 0503 SP 5 9450. 0600 SP 5 4025. 0602 SP 5 8110 (Lani Pettit, Sioux City IA, who edits a Numbers column for ACE; see PUBLICATIONS)

V of the Libyan People on 9533 at 0711, F w/AR talk show; QTH Algeria? (Paul Ormandy, Wellington NZ, Dec NZDX Times)

VOFVOPR see IMI IRAQ

V of Arab Lebanon, controlled by the Independent Nasirite Movement (al-Marabitun) obs 7/1 on 6204 in addn to 930 kHz; VOAL is on air 0400-2050 in AR, w/10-min FR rx 1230 & 1800 (WBI)

Call of Islam, Voice of the Helpless R Free & United Lebanon 15/12 carried a report from Al-Biqa' stating that a stn calling itself this (Arabic: "Nida' al-Islam, Sawt al-Mustada' fin") 'd been hrd "for some time now" 1400-1600 around 1000 kHz. BCs using this name have not so far been confirmed by [our] monitoring obs (WBI 23/12)

R Iran Obs 6/12 ancing mailing addr: R Iran, c/o C.B., 17 Blvd Raspail, 75007 Paris, France (WBI 16/12)

V of the Iranian Revolution; Mojahedin-e Khalq IMI

V of Democratic Kampuchea (Cambodian: Samlung Kampuchea Pracheathipatel), supporting former Pol Pot regime, believed to be via China xmtrs, sked in Cambodian: 2330-0030 11685 9530 8345; 0400-0500 15100 11725; 0900-1000 15115 11870; 1200-1300 15165 11685 6995. Includes battle reports 2335-2340, 0405-0410, 0905-0910, 1205-1210, 1230-1240. Commentary 2340-2350, 0410-0420, 0910-0920, 1210-1220. News 2350-0020, 0420-0450, 0920-0950 (WBI 16/12)

V of Rawthoolai, IMI BURMA

V of Malayan Democracy on new 8990 ex-5600, 1215-1330, excellent here, // 6670 (Sarath Weerakoon, Sri Lanka, RA JP DK 9/1)

V of the People of Malaya hrd 1130-1330 & 1430-1530 on 7060 (Sarath Weerakoon, ibid.)

## NORTH AMERICAN PIRATES

Radio Free Wave 7425.2, 24/12 0303-0340\*, 33333. Typical of this stn, it returned for the Xmas season. Started w/ELP's "Pirates", said to contact FRC for QSLs but no addr given; said would bc 31/12 0400. 7425, 26/12 \*0401-0438\* 23332, exactly same pgm as previous nite, signal poorer. 7425.7, 2/1 \*0457-0600\* SIO 444, began w/IS for 3 mins, then regular song as above and "Catch Us If You Can"; had anti-disco spots. Ided as "from somewhere in the great northeast" w/input power of 60 watts. Said reports could be sent to SWL msgz that support free radio. Had rcvr report on a Panic Sonic. Called selves "King of the Pirates", fair amt of woodpecker QRM (Kirk Baxter, KS) 2/1 0514-0530 on 7425.6, weak, mx, ID 0518, "Man from a land down under" 0528; got involved in a fone call, last sig by 0532, M DJ, 242222, vy rough, pse QSL! (Vincent J Pinto, Suffern NY) Hrd 24/12 0310-0338\* on 7425, tnx Baxter tip, G sig but some apparent jamming, usual pgm. Also 26/12 7425 0400-0420 f/out, same pgm (Scott McClellan, Battle Creek MI) 7425, 26/12 0400-0437\* 33222, played rock, said next bc 31/12 11 pm EST same fq, much static and fading (Thomas Semesky, Hammond IN) RFW Radio Free Way [sic], hrd on 7425.7 0520 pop mx, IDs to 0600\* 2/1, using full carrier USB; definitely not RFR ID, but probably the same. No, I don't want their QSL (Ernie Behr, Ont)

CHNO Sudbury bootleg relay hrd on 6390a around 2030 27/11, and at various times 28/11 then on 3405 from 1300 t/in 4/12 [sic] but could not be found at SWNS HQ on any fq during the weekend of 11-12/12. Cf Jan LN, is there really a Wm. J. Martin? If there is, he obviously didn't read enough of my articles in back issues of Electronics Illustrated. Otherwise he would know those Blue Eagle relays of ECB stns were hoax xmns carried out by the Voice of the Purple Pumpkin. They had no connexion w/the US Military's genuine Blue Eagle (C M Stanbury II, Ridgeway Ont, SWNS)

CHUM-FM bootleg relay is hrd on 2000 kHz apx, e.g. 0425 9/1, not particularly strong (SWNS)

V of the Revolution, 15/1 0200-0245 hrd on 3495 in EG; had DJ like on any FM stn in EG & played all American country mx records by Oak Ridge Boys, Rovers, Marty Robbins, Conway Twitty and many others. SINPO 32233. At 0245 DJ gave ID, power of 135 watts, to E coast of USA. At 0300 you can listen to WOR on 21475 SSB for west coast of USA. Location of stn or country was never given. Can you possibly tell me where this stn originated from, what country? (Robert Pacyna, Toledo OH) No

The Crystal Ship, 7435 LSB, 16/1 0615, comedy report on "Today's Army", commentary on war, Sedated by the Ramones, and the "Word of the Day" (SIMULTANESLY), G sigs, past 0628 (Bishop)

Music 5 is the only ID I hrd of this stn apparently testing, VG sig, orch mx, 43334, 26/12 0508-0511 on 7425.6 (Kirk Baxter, KS)

R Clandestine may give best chance of reception of US stn in Eu: Andy Sennitt hrd it once on 26000 in the early morning for example. This is a very long-lived irregular semi-hoax stn, which has been using the same kind of professional-style pgming for at least 10 years, e.g. with ancr "R. F. Burns" (John Campbell, UK, DSWCI Dec SWN) 7349.3, 26/12 0441-0514, 23332. After RFW s/off hrd RC beginning w/"It's Party Time", mx "I want to be a lifeguard", ad for real estate co that sells parking lot spaces for \$30,000, comedy mx abt Moral Majority, "Don't Eat the Yellow Snow" etc. Sig much poorer than usual, lots of QRM (Baxter, KS)

V of the Pyramids, 6280.1, 26/12 \*0559-0618\*, 23332; started w/7 note IS, "We will Rock You" live version by Queen, "Ironman". Stated 100 watts power, member BBI Net and apologized for tech difficulties (Kirk Baxter, KS)

"WDX" 8/1 0200-0535 on 1620.40, a new one. Pirate Mike and another M DJ. Tuneup till 0258 then mx, IDs. Sig strength varied widely thru nite. S1-S8. Ancd RPI addr, calls to 212 loop but when I called at 0530, call was taken by WART's Crystal Goblin, who claimed WDX was actually out in the Atlantic on ship. He was taking sig reports and addr for QSLs; mentd most callers hearing WDX on harmonics. True, found them on 3240, and weakly on 4860 [3rd, not 4th as I misstated on World of Radio -gh]. G show, vy pro, SINPO (1-3)4423. Again 9/1 on 1620.30 0344-0545\*, poor sig till 0358 then improved some. Coincidentally, at 0358 their 3240 harmonic dropped 5 S uniter to S1. Good show, excellent pgming, mentd grand contest w/FCC hunters. Same QSL addr. Same fone; SINPO (1-4)4423. Directory of other AM pirates at 0530 (Vincent J Pinto, Suffern NY) 9/1 0435 on 1620, WDX, alledged to be on ship, playing tapes of other pirates, mx, commentary. Gave QSL addr of P O Box 220 Troy NY 12181, loop # (212) 779-9906, which was ans by "Crystal Goblin" who advised FCC has busted a number of NYC pirates lately (Frank N Decker, Syracuse NY)

PRN Pirate Radio New England hrd on 1620 kHz, 19/12 0547-0615; better on 1619 due to navig beacon on 1620. Ancr was Mr Electricity. Took calls, had a bad skip on "Searching for an Angel" and played theme to "Hitchhiker's Guide to the Galaxy" (Gregory Baker, Richmond Hill NY) PRN, 19/12 0456-0740\* on 1620, F-P sig gradually improving to G by s/off. Ancrs Mr Electricity & Captain Jeff Bligh. Said not a regular bc but asked for DX reports and QSL requests on 212 283-9979, which had considerable breaking up (due to vox?) Also same two ancrs and Mr. X, 9/1 0548 on 1615, and a very taciturn "Debbie Delicious", used loop # (212) 352-9906 and QSL addr of P O Box 40554, Washington DC 20016 (Frank N Decker, Syracuse NY) 19/12 0623-0730 on 1620.0, M DJs, 212 phone loop, numerous calls, quite weak, good show as usual, some mx. 1/1 0504-0553\* on 1619.6, 2 M, 1 W DJs, party in background, very good lively, light show, ID 0508; vy nice finale: owned by no one, operated by no one, etc. 34433. 5/1 0515-0545 on 1619.8, rebroadcast of commercial AM taped bc "Top hits of 1982 from Weekly Music Magazine", just what I always wanted...to tune the pirate bands and hear more comm'l AM garbage--oh well, I excuse PRN because of their normally intelligent pgming; 34444. 9/1 0532-0700 1615.00, G to hear this regular again. At 0532 weird tones & mx on 1615, 10 min later IDing as PRN. Nice jingle at 0537. 2 M DJs, Bligh, 212 loop calls, nice show, G sig, mentd of WART or WDX being on their normal fq of 1620 (it was WDX), 344434. Love their shows !!! (Vincent J Pinto, "psychotic pirate DXer", Suffern NY)

"WID", 13/12 0158-0225 apx on 7424.95, M DJ, mx, oldies, ID and TC 0201. 0206 ID, w/phonetics, fq anmt, ACE QSL addr. QSL talk at 0208, audio muffled, mildly distorted. 4(2-3)3(3-4)3. Audio improved a bit by 0210 (Vincent J Pinto, Suffern NY)

"KPCB" Pirate Radio Central, 31/12 0645-0710 on 1616.0, Pirate Joe DJ. STRONG. 44444. Calls 212 loop, lots of calls, all over E Coast area. Read QSL policy at 0707. This stn & PRN get out very well every time. A little mx twxt calls. Also 5/1 0518-0600 1616.0, Pirate Joe, "Signal of Solid Gold" ID 0518, slightly muffled/tinny audio, like fone patch. G sig strength. Mx, and later 212 loop calls. Lots of interesting calls. He really blankets half the country. 44444 (Vincent J Pinto, Suffern NY) 31/12 0615-0816\* on 1616 w/vy strong sig. Over 30 called on (212) 352-9906, incl a number of other pirate ops. Strong anti-Reagan bias to 'editorial' comments by ancr "Pirate Jo" using QSL addr of P O Box 747, Exeter NH 03833 (Frank N Decker, Syracuse NY)

"WGUT" 1/1 0507-0620 on 1630.1, M DJ, party in background, vy light, good show, 212 loop calls, numerous. Still on when I went bye-bye 0620; 34443 (Vincent J Pinto, Suffern NY) 1/1 0747-0905 on 1629 using loop 212 352 9906 and offering QSL to callers (Frank N Decker)

"WKOX" NYC noted 0420 29/11 switching from 1620 to 1610, boasting about taking over the channel from Caribbean beacon (Dec SWNS)

"WQSW" Monitored on 1620 kHz at 0344 ID 7/12; ancd as an educational stn, then went into pop mx w/jazz flavor, probably in NYC area (Dec SWNS)

**PUBLICATIONS** Review of International Broadcasting is getting ahead, only 12 days separating publication of the January and February issues. Plans to publish roughly every three weeks during next few months. Samples are offered to acquaint potential subscribers with the magazine. January issue, some copies of which may still be available includes a 24-page "Listener Insights on Programming" section, country by country with listener reviews, press reports; program schedules for R Tirana, R Australia, R Sofia, RBI, Israel Radio, RAI in Italian, R Pyongyang, R Veritas, REE's new 24-hour world service in Spanish; and an 11-page "Report from the Virgin Islands" of gh's AM & FM observations, by frequency; and a "Report from Honduras" by Don Moore on his station visits. February RIB contains: A 2-page article (plus cover illustration) of R Gambi's history and programming; 7-page Equipment Forum, edited by David Newkirk; an article on foreign reporting of the US elections; "Pirate Solutions", two articles by Gerry Bishop and Loren Cox. Full text of "1982 -- The Shortwave Year in Review" by gh as broadcast on RCI; an 11-page "DX Listening Digest" compiled by gh, format similar to LN but very little of the info duplicating LN; February programming hilites on CBC/RCI, Radio Peking, R Budapest; and pgm skeds from R Bucharest, R Tashkent; and full February programming details for BBC World Service including minute-by-minute sked thruout the week, totalling 7 pages on BBC alone. Samples of RIB are \$1.25 each by first class in NAM, \$2 by airmail elsewhere. For samples, cash stamps, check or money order OK, but must be in US funds drawn on a US bank. Subscriptions are still \$15 US for 12 issues, no stamps; by first class in NAM; US\$ 20, 22 or 24 airmail overseas depending on zone; order from Glenn Hauser, Box 6287, Knoxville TN 37914

Unofficial Radio Bulletin In June 1982 LN this was mentioned under Publications. I sent them the money for a copy of URB on July 2. On Aug 4, I advised them I had never received their publication. Aug 12 they replied that I would get one in about 3 weeks. I wrote them again Nov 29 explaining that none had been furnished. To date I have not received a reply. I must now consider my money gone on another 'rip-off' as it is quite obvious their operation was a SCAM!!! I wonder how many more people were taken in? This mode of operation seems to be quite prevalent as in the past year I have been the victim on several other operations of this type. A low cost publication, but it is never furnished. Well, I don't intend to be taken anymore, as I have ordered my last publication by mail. They can furnish me the item FIRST, and then I will pay them! (L P Benjamin, Lospec CA, 9/1)

Sorry to hear this; I know URB did exist because they sent me a copy and it was well done. I wouldn't accuse them of a deliberate scam, but those losing interest in putting out a publication, once it has been publicized, certainly have an obligation to make refunds. While I hope anything mentioned here will come thru, NASMA can't be responsible, and any orders must be placed at readers' risk. I hope anyone else not getting results from publications mentioned here will quickly let all other readers know about it (gh)

The ACE, monthly bulletin of Association of Glandestine Enthusiasts, keep growing; the Jan issue has 20 pages (Lani Pettit, IA) The Oct issue had an article from R Confusion, Norway; Loggings section computer-edited by Kirk Baxter covering both pirates and Spanish clands, pirate news from Europe by Podney Sixe; Spies & Numbers column by Lani, now expanded to two pages. Lani says ACE has almost 100 members; and ANARC has accepted it as an Associate club. Oct issue said yearly membership in US funds is \$6.95 in USA, \$7.95 elsewhere in NAM; \$9.50 overseas surface mail, \$13 overseas airmail. Addr: ACE, Darren S Leno, P O Box 452, Moorhead MN 56560 (gh)

**UNIDENTIFIED** 15201.25 at 1345, unID IS at 1400 (Al Quaglieri, NY, 19/1) 13570 continuous Arab mx hrd since 1/1, somewhat irregular but there is xmsn apx one hour long any time betw 0825 & 1035 and another of similar length between 1800 & 2005. Xmsns usually start and end with Egyptian NA "Biladi, biladi". Pop patriotic songs by late singer 'Abd al-Halim Hafiz, reminiscent of the Nasser era, are bc during xmsns w/out anmt (WBI 13/1) Checked here during afternoon but no trace of it (gh)

11953.3 Mysterious BBC mxtr hrd irreg in Russian 1900-2100\*, 3 days in mid-Dec & again 3/1; vy strong & sounds like off-air relay, definitely not a spur; // 11945 is much weaker & jammed. Any explanation for this? (Ernie Behr, Ont)

11950 Recently at 0425, strange IS and ID; at 0430 completely different IS & ID w/anthem. Any idea what these stns could be? Kampuchea? Alma Ata? (Karl Bartz, San Antonio TX, 12/1)

10149 Mysterious W reading/tape-looped Mandarin phrases good on A3E (standard full-carrier DSB AM) 1704 11/12 3 x 3-syllable phrase, 3 x 5-syllable phrase; repeat-3 x 3-syllable phrase, repeat the 5-syl phrase, then 2 x 2-syllables; repeat this whole deal; finally, solitary 2-syllable word at end sounded like "Zhongguo". Did not sound like numbers this day to 1705\* (David Newkirk, Seattle WA)

9755.5 Colombian w/RCN IDs, 1330 & 2330-2400; yelling but weak, hrd 6/1 thru 18/1 (Quaglietta) /ri, NY)

9715 [Cf Jan LN-25] An AR stn is back since 10/1, AR talk & mx 1600-1800 o/QRM. Not sure if Doha, but QBS has disappeared from all known fqs since Nov (Behr, Ont, 11/1) QATAR, next p.

9515 Islamic stn, 24/12 1044-1135 W in ME lang, mx, comments, 'chanting' on the hour. 1105 jammer on fq, call "ML" but not very effective, could be meant for another stn. 1116 mx until 1130 possible ID but too weak, mx; 1133 Mexico f/in and blocks. Format indicates Pakistan area. Also 10/1, poor, 1111-1131, comments, koranic chants, jammers, ML and "KB", Mex QRM; 1119 flute mx like snake charmer, poor (Chuck Bolland, Lakeland FL) I thought we decided earlier this was Malaysia.— but now you've ruled that out? (gh) Still unID (Bolland)

7425.7 Carrier on and off 26/12 0503-0520, weird AM noises on carrier, some mx, tune-up. Mx sounded like Irish jigs and pipes. Strange mx, no ID (Vincent J Pinto, Suffern NY)

7387 Hungarian Gypsy dance mx tracks interspersed w/man saying just "Terminat, terminat, terminat"; 4/1 0604-0612, G level; carrier remained for a while but gone before 0630 (Bryan Clark, Auckland NZ) Frequently heard in NAM too, assumed European spy stn

6920v6915 22/1 0215-0225 English, Spanish to 0330\*, ID hrd only in SP sounded like R Misgood, or Misque? Not R. 15 or Venceremos, or Farabundo Martí. 24/1 0215 on 6867 (Artie Bigley, San Antonio TX) Looks like you discovered a new claud! See next item

6868v6861 24/1 tnx to Artie's tip, tuned this in. No EG tonight, but mixing Spanish and presumed Miskito; frequent IDs but uncertain of spelling--R Miskito?? Anti-Sandinista; the CIA must be pretty busy handing out transceivers to opposition groups. At first too close to VOA feeder 6870; steady annoying drift downward escaped it, to 6863 by 0300. Mostly talk but brief mx interludes incl a Christian-sounding hymn after mentd that it was a "voz cristiana". Long list of "denuncias" naming people allegedly murdered, addressed to "hermanos nicaragüenses". Off at 0330\* sharp after nondescript anthem (gh)

6590 Nonstop western mx 29/12 1630-1645, P-F; Lebanon was on 6550 (W Mola & R Novarino, DK-  
pedition in the hills of Torino province, Italy, Play-DX)

6154i Still hear that unmod carrier (recently on 6154.63) and haven't been able to verify Ernie Behr's suggestion that it is R Cultura da Bahia // 9594 (June 1981 LN-2 & June 1982 LN-25). I have never hrd any mod in spite of regularly zero-beating R-4C to it and going back and forth over it w/passband tuning. It sure is strong some evs, which is why I originally expected that it originated in NAM. Will keep listening for 9594 (Martin Potter, Limoges, Ont., 20/11)

6150 unID US harmonic, 1915-1945, distorted, assume 5 x 1230, fund blocked by WSBB locally. pop mx by McCartney, Eagles, etc., overpowered by VOA Euro xmtx by 1945 (D Crawford, DKSF)

6089 Bad het on Luxembourg 0637 2/1, talk in unID lang by several M ancrs, abrupt 0644½\*, not hrd since (Bryan Clark, Auckland NZ, 6/1)

6005 I wonder what stn is QRMing BBC at 2200 (Jim Conrad, IA) CFCX? Lang?

5020 Around 22/12 hrd an African to 1930\* in FR w/anthem not matching Niger's (Quaglietta) NY)

4952v w/movie themes "Born Free" etc was hrd well up here in Sept; I've never hrd much about it in the DX press—any ideas who it was? Sigs were excellent, comparable to WWV and far better than any other LAm/SAM sigs at the time. If in LAm must be super power (Don Moman, Edmonton Alta)

4754.9 23/12 2202-2330, lang, M talking to 2209 singing, then two men talking to 2212 chanting which continues until 2300; sig fades to nil by 2325 or off air, don't really know. Listened until 2330; poor (Chuck Bolland, FL) Same as next item?

4753 Anyone ID the stn at 2145? Sounded like AR 2/1, too much static to make out what I presume was an ID at 2200 (Gerry Bishop, Christiana PA)

4740 19/12 2202 test tones, then into "Taps" over and over; interesting stn but pgm seemed to lack that certain something (Robert Wilkner, Ft Lauderdale, DX S Florida)

4524.5 28/12 2347, checking for timesig Y3S, used as a propagation indicator, and found faint audio here; likely USSR or Chinese regional as only hrd on 2000' NW beverage on which other regionals could be hrd best. Too faint for any details (Don Moman, Edmonton Alta)

4080 Mutant. The usual here 7/1 & thruout subsequent week, 0302-0334; also at 0430 recheck SP pgm tonite, promos at t/in incl one ments of 700 kHz, another w/spastic organ sounder hrd during nx on LV de Nicaragua, tho not //5955. Then into Castilian SP pellicula soundtrack w/ weird SP speaking Martians/Aliens/Etc. Fq varying slightly, rapidly; good (Crawford, DKSF) Same stn as hrd on UKpedition, 11/12 0130-0245\*, again at 0332 w/"Rocky III" Soundtrack, 0240 "Eye of the Tiger" by Survivor & off, same stuff at recheck later. Seems to be off Mon & Tue, daily otherwise. Quite strong at times but almost always QRM (David Crawford, DKSF)

3820 4 ascending tones over and over 2240 29/11; any ideas? (gh, Virgin Islands) Spy numbers, 4 ascending note IS 2254-2300, then W in GM w/5 numbers, F-G past 2330 31/12 (Wilkner & Reinstein, DK S Florida)

## LAST-MINUTE INFO

**BOLIVIA** These stns recently obs being: R Frontera, Yacuiba, 4806, R Grigota, Santa Cruz [sic], 4830. Rdf. 21 de Diciembre [sic], Potosí, 6080. R Indoamérica, Potosí, 6175. R Batallón Topáter Oruro, 4980. 15/1, R Panamericana, La Paz reported that a strike called by the Fedn of R & TV Workers of the district had been observed by 98% of radio & TV stns since 0000 14/1 (WBI) R 23 de Marzo, 4638v, 30/12 0055-0137, talk, mx, many ments of Bolivia, 2 clear IDs. Fair sig but much static; only nite hrd tho I've tried every nite since (Johnny Denham, AL, OMDC)

**BURMA** Per report in Thai EG-lang nxpaper "The Nation Review" 16/1, the Karen Natl Union, which embraces various Karen rebel wpmts, has set up a radio stn. It is operating on a trial basis. A spokesman for the rebel forces stated that the stn, which was installed w/ assistance from Japanese techs, 'd go into full opn after certain problems 'd been solved. Its xmtr, worth about 40 mgsabht, was located in the Kadanigti township (Ed note: some 110 mi NE of Rangoon). The "cland" stn'd op u/leadership of Karen Pres of Kawthoolei, whose capital was in Paan province (Ed Note: some 100 mi E Rangoon) (WBI 20/1)

**CHINA** Continuing survey of regionals: Fujian PBS, Fuzhou, Pgm I in Std CH & Amoy, 2050-1700 on 5040 4975 2340 + many MW. Pgm II MW only (WBI 20/1)

**FRANCE** Extracts from RFI sked: 0800-0835 Monday, French to Antarctica on 11880. "Coopération Radiophonique", spl xmsns of nx items for possible re-be by Af stns, Mon-Sat 0915-0945 on 25900 25820 21730 21675 17795 17775; Mon-Sat 1515-1545 on 25900 25820 21525 17850 17785. (WBI 20/1)

**IRAQ** Jordanian nxpaper 'Ad-Dustur' reported tht the Dir of V of Palestine left Amman for Baghdad 13/1 for talks w/Iraqi offfs on possibility of increasing by one hour the xmsns of PLO's VOPVOPR svc (WBI 20/1)

**PERU** [see main entry] The stn on 5360 IDs as R Visión; hrd 22/12 0213-0235 w/out ID, but 24/12 0330-0349\*, seemed to ment "Visión" quickly at s/off; not certain (Lazarus, LA, NASWA mid-Jan Update) R La Crónica, 9519.5, 21/1 1101-1113, singing, ID; misleading mx sounding more oriental than Peruvian; really good signal, but next morn only carrier (C Bolland, FL)

/Latest Doha sked: 0245-0800 9680, QATAR AR pgm of QBS now hrd 1600-2130\* on 9715 (WBI 20/1) 0900-1400 18790, 1300-2200 9715 \all AR (J Valko, FT via Jan ADXN)

**SA'UDI ARABIA** BSKSA Riyad DS, Genl Pgm 0300-2300 in AR: 0300-0500 11950 9720 7290 7215 5875 1521 1440 1161 900 648 594 585 549. 0500-0730 11950 11870 9720 7290 7215 5875 1521 1440 1161 900 648 594 585 549. 0730-1000 21545 11870 7290 1521 1440 1161 900 648 594 585 549. 1000-1300 17930 11950 11870 9720 7290 7215 5875 1521 1440 1161 900 648 594 585 549. 1300-1700 17930 11950 11870 9720 7290 7215 5875 1521 1440 1161 900 648 594 585 549. 1700-1900 17930 15060 11965 11950 11870 9720 7290 7215 5875 1440 1161 900 594 585 549. 1900-2100 17930 15060 11950 11870 9885 9720 7290 7215 5875 1440 1161 900 594 585 549. 2100-2300 17930 15060 11950 11870 9885 9720 7290 7215 5875 1512 1440 900 594 585 549. Pgms include: Thu 0940-0950 Scientific pgm; Wed (or is that weekdays?) 1055-1125 Natl Guards Pgm; Sat 1400-1410 Nx of the Homeland; 1500-1700 Call of Islam, from Mecca; W. 2020-2030 The Moroccan Message.

Jiddah Pgm II, 0300-2100 in AR: 0300-0630 1305 909 828 684 603 549. 0630-1100 1305 1098 909 828 603 549. 1100-1200 1305 909 828 603 549. 1200-1500 1305 1098 909 828 603 549. 1500-1800 909 828 603 549. 1800-2100 909 828 684 603 549.

Jiddah "European Svc" 1100-1130 EG, 1500-1700 FR, 1700-2100 EG incl 1830 mx, all on 11850 1485 1224 1098 & 98 MHz.

Call of Islam, Mecca, w/Koran and religious talks; mx 1630-1640: 0100-0300 1521 1440 900 648 594 549; 1500-1700 15060 11950 11870 9720 7290 5875 1521 1440 900 648 594 549.

Holy Koran Radio, Mecca, 0300-2100 in AR: 0300-0600 1512 1017 990 981 918 882 846 765. 0600-0800 17895 11685 1512 1017 990 981 918 882 846 765. 0800-1000 21545 21495 1512 1017 990 981 918 882 846 765. 1000-1900 1512 1017 990 981 918 882 846 765. 1900-2100 11685 7250 1512 1017 990 981 918 882 846 765 (WBI 20/1)

TANZANIA R Tanzania reported 12/1 that China's Prime Minister laid the foundation stone of the SW stn at Dole, 15 km from Zanzibar town. Stn, being built w/a loan from China, would cost 17.4 megashillings (WBI 20/1)

UGANDA R Uganda DS, Kampala, currently inactive on 7195 & 6030. R Uganda continues to be somewhat erratic. Monitoring can only confirm the existence of one natl domestic radio svc. 0300-0545, 0558-1130, 1130-1300=not Sat & Sun, 1300-1345, 1345-1400=not Sat, 1400-2102. Pgm in EG, SH, various Ug verns; fqs 5026 4976 + MW. Nx in EG 0400, 0700, 1000, 1400, 1700, 1900; Upcountry nx in EG 1725-1740. Pgm times subject to variation (WBI 20/1)

VENEZUELA Catatumbo Internacional hrd on unlisted 9620, 22/1 1158-1240, ID for MW 1360, and half hour of sports nx (Chuck Bolland, Lakeworth FL)

YUGOSLAVIA R Yugoslavia ES: 0000-0030 & 0100-0130 SP Eu/Af/LAm 11735 9620 7240. 0700-1100 pgm for Yugoslavs abroad Sat/Sun presented by stns thruout Yugoslavia, 11735 9620 7240, viz: Sat 0700 Novi Sad in Hungarian, 0800 Titograd S-C, 0900 Ljubljana Slovense, 1000 Belgrade & Novi Sad S-C. Sun 0700 Sarajevo S-C, 0800 Pristina Albanian, 0900 Skopje Macedonian, 1000 Zagreb S-C. Sequence of bcs liable to change. 1400-1430 Albanian 9620 7240 6100. 1430-1500 Russian Eu/ME/FE 11735 9620 7240. 1500-1530 AR Eu/ME/AF 15415 15240 9620. 1530-1600 EG Eu/ME/FE/S/SEAs 15415 15240 9620. 1600-1630 FR Eu/ME/AF/AEZ [!] 15240 9620 7240. 1630-1700 GH Eu/ME/AF 9620 7240 6100. 1700-1730 RS Eu/ME/FE 11735 9620 7240. 1730-1800 AR Eu/ME/AF on 11735 9620 7240. 1800-1830 Bulgarian Eu/ME 9620 7240 6100. 1830-1900 EG Eu/ME/AF 11735 9620 6100. 1900-1930 RS Eu/ME/FE 9620 7240 6100. 1930-2000 FR Eu/ME/AF 9620 7240 6100. 2000-2030 EG Eu/ME/AF 9620 7240 6100. 2030-2100 GH Eu/ME/AF 9620 7240 6100.

2100-2130 relays/rebcs of DS mx bulletins on 9620 7240 6100; sequence liable to change: Tue Zagreb S-C, Wed Sarajevo S-C, Thu Pristina Albanian & Novi Sad Hungarian, Fri Titograd S-C, Ljubljana Slovense. Sat Skopje Macedonian & Belgrade S-C.

2130-2145 GK Eu/ME 9620 7240 6100. 2145-2215 SP Eu/ME 9620 7240 6100. 2215-2230 EG Eu/NA 9620 7240 6100. 2230-2245 FR Eu/NA/AF 9620 7240 6100. 2245-2300 rebc of DS nx from R Koper in Italian 9620 7240 6100. SW relays of R Belgrade DS Pgm I: 1345-2305 9505 7200 (WBI 20/1)

C L A N D E S T I N E [See also BURMA, IRAQ above] R Miscat [? spelling uncertain so far] [see also UNID items on 6920, 6868] Or perhaps R Miscat, hrd 0200-0300 on 6920 tho and 6870, hrd two nights running; also ancd morn pgm 1100 so far unhrd. Pgmng consisted of attacks on Sandinista regime in SP and a couple of Indian langs, Misquitou and Sums. They claim to be the voice of all ethnics in Nicaragua, and emphasize the fact they bc in these other langs. Not just the R 15 de Sept pgm, as that was on at same with w/own pgm; would expect to hear EG too but not so far (Timothy Hendel, Miami FL, 21/1) Very good signal here on 6870 drifting down to 6858 then stabilizing on 6860, 23/1 0115-0215. Also hrd 24/1 0315-0330\*, ancd sked as 8 pm and 5 am (Robert Horvitz, Providence RI, RIB)

V of Free Nicaragua / V of Sandino 13/1 & 14/1, WOVN obs being identical nx items with those carried by V of Sandino, read in the same sequence and at the same time. However, the two stns continued to carry different introductions, slogans and mx. 12/1-15/1, WOVN at 0000-0045 in SP on fq between 5674 & 5685, but on 16/1 hrd on 5812; changed again 17/1 to 5893 (WBI 20/1) [See also main entry]

V of the Iranian Revolution Stn in Persian called "Seda-ye Enqelab-e Iran" hrd in progress at 1250 16/1 on 6367. 1300, "Internationale" anthem, then pgm in Surani Kurdish, same ID (in Kurdish: Aira dangi Shurashi Iran), 1333\* (WBI 20/1)

V of the Mojahedin-e Khalq obs in Persian 7/1 1630-1730 on 7440 & 6570 (WBI 20/1)

LAST SECOND INFORMATION BANGLADESH Dhaka, 15285 \*1230 ID in EG but weak 30/12, & noisy, even worse on // 17800; all efforts to hear it since 30/12 have failed (Rodney Norris, ADXN)

BRAZIL New fqs for VOA relay from Jan SP 17885 & 15170 1130-1400 ex-17740 15430 (VOA, ADXN)

CUBA /Cf 3rd and 4th LN pages/ RHC via USSR in PT 2000-2100 on 11920, not planned 11765 /17765 & 9720 per BBCMS; co-channel Spain in SP. EG at 2115 on 11975, mixed Belgium; to N&CAM, not on published 11780; 29/13 & 7/1 resp. (Bob Padula, ADXN) Two different EG xmsns in progress at this time; I suggest it is the other, for Eu, BBCMSed on 11950 (gh)

FRANCE Mon 0800 xmsn on 11880 to Antarctica is definitely from France, not a Pacific site. ITU TRFBS shows this as 100 kW Allouis, beam heading 312°/across NAM! (Bob Padula, ADXN Jan)

INDONESIA RRI Yogyakarta, EG svc 1130-1200 5047; "Sth East Issues" to 1135 12/12, fct EG & Indo IDs (Mick Ogrizek, Victoria, Jan ADXN) Haven't seen this confirmed in a long time (gh)

ITALY From 19/1 RAI 2230-0325 on 5990 ex-11800; NAM 1830-1905 15245. I had recommended 5970 (George J Poppin, San Francisco CA)

NEPAL Kathmandu F w/noise & QRM, EG nx 1455, mx, travelogue on 6100 // 9590, no sign of 5005 which it may replace (Mick Ogrizek, Vic., 26/12 & 3/1, ADXN) 5005 \*0017, peaking 0050 in mid-Jan, tentatively this (Artie Bogley, San Antonio TX) On New 3230 // 5005, 0020-0350 (Sat 0450), 0720-1020, 1150-1720 incl ES 1435-1520 (SCDX 25/1) INDIA, Gauhati also 3230

# QSL REPORT

Sam Barto, NASWA QSL Editor  
489 King. St., Bristol, CT. 06010



**AFGHANISTAN:** Radio Afghanistan 11960 f/d "Mahipar Pass" cd. in 44 ds. for 2 IRCs. (Tutak-NJ). 15077 "Great Mosque of Herat" cd. in 37 ds. (Reinstein-FL).

**ANTARCTICA:** LRA36 Radio Nacional Arcangel San Gabriel 15476 certificate ltr. in 118 ds. for a SP rpt. and  
\* 1 IRC. v/s Lt. Colonel Jose Bilbao Richter. (Loh-AZ). cd. w/ ltr. in 3 mo. via registered mail for a SP rpt. (Foltz-MI). f/d ltr. in 356 ds. for ms. (Eastman-TX). p/d personal ltr. w/ brochure in 1 yr. for 2 IRCs and a tape. (Lobdell-MA). same for 2 IRCs and a tape. (Witte-CA). 15475 ltr. in 355 ds. for a SP rpt. and 1 IRC. (Gliksman-IL). 15474 p/d ltr. in 4 mo. for an EG rpt. \* via Buenos Aires address. (Lare-MI). AFAN 6012 McMurdo white cd. w/ penguins in 17 1/2 mo. after 2 f/up rpt. (Berg-MA)...Looks like the mail got through...Sam.

**ARGENTINA:** Radio Belgrano 6090 f/d cd. in 6 wks. for a SP rpt. and 1 IRC. v/s Felix A. Argota Salinas, Gerente Technico. (Gliksman-IL). RAE 11710 n/d cd. in 25 ds. for an EG rpt. (Sobkoviak-IL).

\* Radio del Plata 11710 rcvd. prepared cd. signed and stamped w/ colorful logo cd. in 4 mo. after 1 f/up rpt. v/s Alfredo Ojea, Production Dept. (Berg-MA).

**ARMENIA:** Radio Yerevan 17870 f/d cd. in 4 mo. (Lare-MI). 17900 cd. in 51 ds. (Buer-FL).

**ASIATIC RUSSIA:** Radio Moscow 17860 via Vladivostok f/d cd. in 33 ds. (Choroszy-ME). via Khabarovsk on 11770 w/ f/d "TV Tower" cd. 17700 via Petropavlovsk-Kamchatsky f/d cd. in 2 mo. (Lare-MI). 21560 cd. in 23 ds. (Lare-MI). 15240 via Nikolaevsk on-Amur f/d cd. in 5 wks. (Plum-NJ). 11720 cd. in 36 ds. (Foltz-MI).

**AUSTRALIA:** VLI6 6090 f/d cd. in 21 ds. for ms. (Mahlberg-MN). VLW9 9610 f/d cd. in 18 ds. (Paszkwicz-WI).

**AUSTRIA:** ORF 21525 f/d "Lovers" cd. in 58 ds. (Sobkoviak-IL).

**BELGIUM:** BRT 17675 f/d "HV Transmitter Supply" cd. in 16 ds. w/ sticker. (Palmerheim-MN). 11695 f/d "Lace Making" cd. w/ pennant & sticker in 7 wks. (Plum-NJ).

**BOLIVIA:** Radio Abaros 4730 f/d pink cd. in 118 ds. for a SP rpt. and ms. v/s Rene Arias P., Director and Rolman Medina M., QSL Manager. (George-NC). same in 90 ds. for ms. (Streeter-NY).

**BORNEO:** RRI Samarinda 3295 f/d personal ltr. in 1 mo. after a f/up rpt. for an IN rpt. and ms. v/s Amir Syahrudin, Kepala Stasiun. (Wilkins-CT).

**BULGARIA:** Radio Sofia 9700 f/d cd. in 2 mo. (Foltz-MI).

**CAMEROON:** Radio Nationale 4850 via Yaounde f/d cd. in 308 ds. For an EG rpt. and 2 IRCs. (Streeter-NY).

**CHINA:** Radio Peking 15520 cd. w/ lapel pin in 30 ds. for 2 IRCs. (Sharpe-CA). 6860 cd. in 28 ds. (Choroszy-ME). 17680 f/d cd. w/ Panda pennant in 20 ds. (Fortney-PA). BPM 15000 f/d "Clock-Dial" cd. in 6 mo. v/s Yang Huai-xu, Chief, Section of Science and Technique. (Gliksman-IL). 10000



REPUBLICA ARGENTINA

**LRA 36**

via  
Marge  
Witte "ARCANGEL SAN GABRIEL"

BASE DE EJERCITO ESPERANZA - ANTARTIDA ARGENTINA

UBICACION GEOGRAFICA

Lat 56° 24' Sur  
Long 53° 59' Oeste

CONFIRMO SUS DATOS  
DE FECHA: 20 de April de 1982

FRECUENCIA: 5030 KHz  
15476  
Apartado Postal 5411  
Buenos Aires

MUCHAS GRACIAS



CHINA: BPM 10000 cd. in 199 ds. (Reinstein-FL). Yunnan  
 PBS 6937 f/d cd. in 23 ds.  
 (Reinstein-FL). Xinjiang  
 PBS 5060 f/d "Tai Ho Hall"  
 cd. via Peking in 29 ds.  
 (Reinstein-FL). Fujian PBS  
 4840 f/d cd. in 24 ds. via  
 Peking. (George-NC).

COLOMBIA: HJVK Emisora Ar-  
 monias del Caqueta 4915 f/d  
 cd. w/ personal ltr. and a  
 poster in 1 mo. for a SP  
 rpt. tape and 3 IRCs. Addr:  
 Florencia, Caqueta. v/s El  
 Padre Alvaro Serna Alzate,  
 Director. (Lobdell-MA).  
 Radio Bucaramanga 4845 p/d  
 "Logo" cd. in 5 mo. for a  
 SP rpt. and ms. (Mahlberg-  
 MN). La Voz de los Centau-  
 ros 5955 red & gold cd. in  
 1 yr. after 3 f/up rpts. v/s Dr. Guillermo Torres Bernal, Gerencia. (Berg-  
 MA). Radio Surcolombiana 5010 ltr. in 2 1/2 wks. v/s Luis Carlos Mosquera,  
 Gerente. (Berg-MA). Radio Colosal 4945 prepared cd. w/ large pennant in 1  
 yr. after 4 f/up rpts. (Berg-MA). Ecos del Atrato 5020 prepared cd. in 1  
 yr. after 4 f/up rpts. v/s Fredy Lopez Astegua, Gerente. (Berg-MA). La  
 Voz del Huila 6150 prepared cd. in 1 yr. (Berg-MA). Radio Super de Ma-  
 dellin 4875 prepared cd. w/ ltr. in 13 mo. v/s Angela Margarita Londono.  
 (Berg-MA). Emisora Meridiano 70 4925 ltr. w/  
 cassette of station IDs and music in 7 mo. for  
 a SP rpt. v/s Ernesto Cordoba S., (Berg-MA)  
 Me. thinks you cornered the HJ market Jerry



Radio Belgrano: 950 KHz

LR Y 1: 6090 KHz      LRY 2: 11780 KHz  
 Uruguay 1237 - 1016-Buenos Aires - Argentina

Señor

SHOLOW L. GIKEMAN,

917 W. Margate,

Chicago, Illinois 60640,

U.S.A.

Fecha de recepción - Date of reception: 10-11-82

Hora-Time: 23.52 GMT - - - Argentina

LR Y 1. Frecuencia-Frequency: 6090 KHz.



DODECANESE (Rhodes): VOA 7205 f/d cd. in 30 ds. (Clifford-FRG).  
 ECUADOR: HCJB 3220 n/d cd. stating that they do not use this freq! (Wil-  
 kins-CO). 9745 "Flower" cd. in 32 ds. (Petersky). 26020 f/d cd. in 41 ds  
 for 1 IRC. (Lare-MI). f/d "Transmitter" cd. in 9 wks. for a tape and ms  
 (Sgrulletta-NY). 21477.5 f/d "Cleome Spinosa" cd. in 36 ds. (Barto-CT).  
 HD210A 7600 "Sun Dial" cd. in 1 mo. for 1 IRC. Sticker and pennant  
 rcvd. (Valko-PA).  
 cd. w/ pennant in  
 55 ds. for 2 IRCs  
 v/s Homero Arell-  
 ano Lascano. (Gav-  
 aras-MN). Escuelas  
 Radiofonicas Popu-  
 lares 3985 p/d  
 personal ltr. in  
 20 wks. for a SP  
 rpt. and ms. v/s  
 Lauro Pulgar, Coo-  
 rdinador. (Wilkins-  
 CO). ltr. in 81  
 ds. for a SP rpt.  
 and 1 IRC. (Stree-  
 ter-NY). Radio  
 Iris 3380 ltr. in  
 1 mo. for a SP  
 rpt. and 2 IRCs.  
 v/s J. Antonio  
 Marchan C. (Mahl-  
 berg-MN).

Emisora  
 Me. thinks you cornered the HJ market Jerry

Amor del Caqueta  
 CUBA: Radio Habana  
 15175 f/d cd. in  
 62 ds. w/ PD stamp

(Choroszy-ME). 11930 f/d "Riviera Hotel" cd  
 H.J.V.K. in 204 ds. (Fortney-ME). 11840 f/d cd. in 36  
 ds. (Foltz-MI).

30 KW - 970 KHz CYPRUS: CBC 9635 f/d cd. in 5  
 Canal preferencial mo. (Lare-MI).

3 KW - 4815 KHz CZECHOSLOVAKIA: Radio Prague  
 11970 cd. w/ ltr. in 35 ds.

Onda corta v/s Karel Statny. (Petersky).

CONFIRMAÇÃO (Verification Card)

Para (To) JOHN LOUIS SGRULETTA

Confirmamos a sua referência sobre a nossa  
 We hereby confirm your report on our  
 emissão de ONDA CURTA. As 23.43 GMT  
 broadcast, on at

para qual nos confessamos muito obrigados,  
 for which we cordially thank you.

Director  
 Manager

Estação LISBOA  
 Station  
 Freqüência 11730 Kc.  
 Frequency  
 Potência 100 Watts  
 Power  
 Sinal de Intervalo GONG  
 Interval signal  
 Horário 21.30 ÀS 01.30  
 Schedule  
 (TMC)

EMISSORA CATÓLICA PORTUGUESA  
 (Portuguese Catholic Radio Station)

RUA CAPELO, 5  
 1200 LISBOA

**ECUADOR:** Radio Quito 4920 n/d cd. in 22 ds. for a SP rpt. and ms. v/s Alfonso Laso. (Poltz-MI). Radio Federacion 4960 B&W cd. in 14 mo. for a SP rpt. after 4 f/up rpts (Berg-MA).

**EGYPT:** Radio Cairo 9475 cd. in 56 ds. (Peter-EL SALVADOR: Radio Vencaremos 6950 f/d cd. in 24 ds. for a SP rpt. and ms. sent to Mexican address. v/s Rolando Martinez.

**ENGLAND:** VOA 7200 via Woolerton (Poltz-MI). f/d cd. in 14 ds. (Lare-MI).

**EUROPEAN RUSSIA:** Radio Moscow 9490 via Moscow f/d cd. in 38 ds. (Lare-MI). 9680 "TV Tower" cd. in 22 ds. w/ pennant. (Fortney-PA). 7440 cd. in 5 wks. (Plum-NJ). 12055 via Armavir f/d cd. in 48 ds. (Chorossy-ME). 7130 f/d cd. in 1 mo. (Plum-NJ). 7135 f/d cd. in 1 mo. (Valko-PA). 9610 via Tula cd. in 50 ds. (Loh-AZ). 15375 via Serpukhov cd. in 51 ds. (Palmerheim-MN).

**FEDERAL REP. OF GERMANY:** VOA 3980 via Munich f/d cd. in 65 ds. (Clifford-FRG). Radio Liberty 3985 p/d yellow "Map" cd. in 18 ds. (Buer-FL). Sueddeutscher Rundfunk 6030 f/d cd. in 60 ds. for 1 IRC.

**FINLAND:** Radio Finland 25950 n/d cd. in 35 ds. for 2 IRCs. (Reinstein-FL) (Kendra-PA). 15400 "Finlandia Hall" cd. in 24 ds. (Petersky).

**FRANCE:** Radio Nederland 14901 via Rambouillet f/d "SSB ltr. #110" v/s Jonathan Marks. (Park-HI)...Interesting.

**GABON:** Radio France International 15435 via Movavi f/d cd. in 80 ds. for a FR rpt. and 2 IRCs. Pennant rovd. (Clifford-FRG).

**GALAPAGOS ISLANDS:** La Voz de Galapagos 4810 cd. in 3 mo. for a SP rpt. and ms. v/s Remigio Andrade Gonzalez, Director. (Poltz-MI).

**GERMAN DEMOCRATIC REPUBLIC:** Radio Berlin International 11890 f/d cd. in 92 ds. Pennant rovd. (Kanopka-NY).

**GREECE:** Voice of Greece 9865 f/d "Touristic Places" cd. in 38 ds. (Kendra).

**HAWAII:** WYHI 10000 f/d "Aloha" cd. in 11 ds. (Sobkoviak-IL).

**HONDURAS:** La Voz del Junco 6075 f/d cd. of "Valle de Angeles" v/s Don Moore for Antonio Hasbun, Gerente. (Berg-MA)...Hi Don! Radio Juticalpa 4781 prepared cd. in 1 yr. after 4 f/up rpts. v/s Victor Rubi Zapata, Gerente Station welcomes taped rpts. (Berg-MA).

**IRAN:** Voice of the Islamic Revolution of Iran 9022 f/d "War is Ugly" cd. in 4 mo. (Lare-MI). same in 133 ds. (Portney-PA).

**ISRAEL:** IBA 9815 f/d "Map" cd. in 35 ds. for 2 IRCs. (Kendra-PA). 11640 f/d cd. in 2 1/2 mo. (Plum-NJ).

**ITALY:** Radio Pace 15457 n/d ltr. in 165 ds. for an EG rpt. and 1 IRC. v/s Timothy Holmes. (Fortney-PA).

**JAPAN:** Radio Japan 17755 p/d "Danzan Shrine" cd. in 1 mo. (Sobkoviak-IL).

15190 p/d cd. in 20 ds. (Clifford-FRG)

**JAVA:** Radio Republic Indonesia 3355 v/s Sumenep f/d ltr. in 45 ds. for an IN rpt. and ms. v/s Drs. A. Rochim. (Kusalik-ALTA). RRI 5047 via Yogyakarta f/d ltr. in 2 yrs. after f/up rpts. for an IN rpt. and ms. v/s Mr. Siswadi. (Kusalik-ALTA).

RRI 4932 via Surakarta f/d personal ltr. in 11 wks. after a f/up rpt. for ms. v/s Moh. Hasyim Benny, Kepala Stasiun. (Wilkins-CO). RRI 3975 via Surabaya f/d prepared cd. in 1 yr. after 3 f/up rpts. for ms. v/s Djamahl Abidin. (Lazarus-LA).

**KAMPUCHEA:** Voice of the People of Kampuchea 9695 f/d mimeo form ltr. in 25 mo. after a f/up rpt. in EG for 1 IRC. (Kapinos-MA).



VOZ DE S. VICENTE  
8-12-974

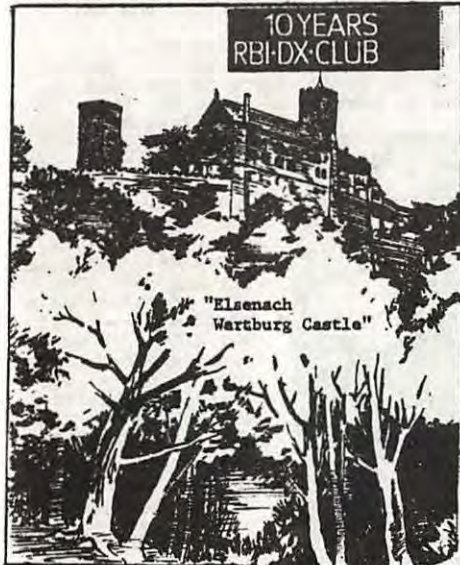
**RADIO VOZ DE S. VICENTE**  
Emissora Onda Curta  
**CR4AC**  
via  
Gerry Bishop

**Emissoras:**  
F. M. — Sintronic - 50 w  
S. W. — Philips do Brasil 1 Kw  
Freq. — F. M. - 96 Mhz  
S. W. - 3 960 KHz

**Em montagens:**  
Contel — S. W. - 10 Kw

Tel.: 3407  
3408

Caixa Postal, 29  
S. Vicente - Cabo Verde



# LARADIO

KIRZHIG SSR: Radio  
Moscow 11820 via  
Frunze f/d cd. in  
3Bds. (Palmersheim)

KOREA: Radio Korea  
15575 f/d cd. in  
27 ds. (Paszkiwicz)

KUWAIT: Radio Kuwait  
11675 f/d folder  
cd. in 6 wks. w/  
sticker. (Plum-NJ).

LATVIAN SSR: Radio  
Moscow 21615 via  
Riga f/d cd. in 2  
mo. (Lars-MI). f/d  
cd. in 48 ds. (Cho-  
roszy-ME).

LEBANON: Voice of Hope  
6215 n/d ltr. in 28  
ds. for an EG rpt.  
v/s Violet Kelley,  
Secretary. (George-  
NC). personal ltr. w/  
colorful cd. and sticker in 2 wks. from Calif.  
address. (Berg-MA).

LIBERIA: EIBC 3255 Librarian Broadcasting Service p/d cd. in 1 mo. after a  
f/up rpt. for 3 IRCs. (Kusalik-ALTA). f/d "Sound of Progress" cd. in 25  
ds. for 2 IRCs. (Tutak-NJ). VOA 15185 via Monrovia cd. in 53 ds. (Pasz-  
kiwicz-WI).

MALAGASY REP: Radio Nederland 15220 f/d "Costumes" cd. in kiewicz-WI).  
48 ds. (Tutak-NJ). 11730 f/d "Flavo site" cd. in 19 ds. (Petersky).

MALAYSIA: Radio TV Malaysia 7295 QSL says Kajang but I thought this freq.  
was used by Penang (any help?) f/d "Betel Vine Box" cd. in 1 mo. after  
a f/up rpt. for 1 IRC. pennant rcvd. (Wilkins-CO). Voice of Malaysia  
15295 f/d "Bowl Drum" cd. in 226 ds. for 2 IRCs. (George-NC).

MALTA: Kadir Malta 9670 f/d ltr. in 240 ds. for 1 IRC. v/s Victor Aquil-  
ina, head of Radio Programs. (Lars-MI). (Tutak-NJ).

MONACO: Trans World Radio 9495 f/d "Antenna" cd. in 15 ds. for 2 IRCs.

MONGOLIA: Radio Ulan Bator 12070 f/d cd. in 8 mo. after a f/up rpt. (Sgru-  
lletta-NY). cd. in 73 ds. (Petersky).

MOROCCO: Radio TV Morocco 17705 f/d cd. in 135 ds. (Paszkiwicz-WI). 15335  
folder cd. in 27 ds. for an EG rpt. and 3 IRCs. v/s J. Tanane, Techni-  
cal Director. (Kirkland-ONT).

NEPAL: Radio Nepal 3425 f/d cd. in 29 ds. for 3 IRCs. v/s K.B. Khattri,  
\* Chief Engineer. (Clifford-FRG). same in 331 ds. for 5 IRCs. and ms.

rcvd. via registered mail. (Hardester-NC).

NIGERIA: PRCN 6050 via Ibadan f/d form ltr. in 43 ds. (Foltz-MI).

NORWAY: Radio Norway 11870 p/d cd. in 24 ds. (Paszkiwicz-WI). (Foltz).

PARAGUAY: Radio Nacional 11914 form ltr. in 20 ds. for a SP rpt. and ms.

PERU: Radio Tropical 4935 personal note on station cd. in 1 mo. for a SP

\* rpt. (Berg-MA). Radio

Madre de Dios 4951

ltr. on black/green

letterhead w/ pre-

pared cd. in 1 mo.

for a SP rpt. v/s

Frc. Javier Aniz.

(Berg-MA). Radio La

Cronica 9520 long

ltr. w/ postcards &

station cds. in 13

mo. after 3 f/up

rpts. v/s Maria Luz

Lucho Gamarra, Sec-

retaria Ejecutiva.

(Berg-MA).

Radio del Pacifico

9675 "Machu Picchu"

cd. in 1 mo. for a

SP rpt. (Berg-MA).

QSL COLUMN REPORT FORM

AVAILABLE FROM YOUR

EDITOR FOR AN SASE

**Q  
S  
L**

WITH THE  
via  
Jim Kowalski  
OF THE  
SOUTH AFRICAN BROADCASTING CORPORATION  
OUR STATION: PARADYS NEAR BLOEMFONTEIN 20 K.W.

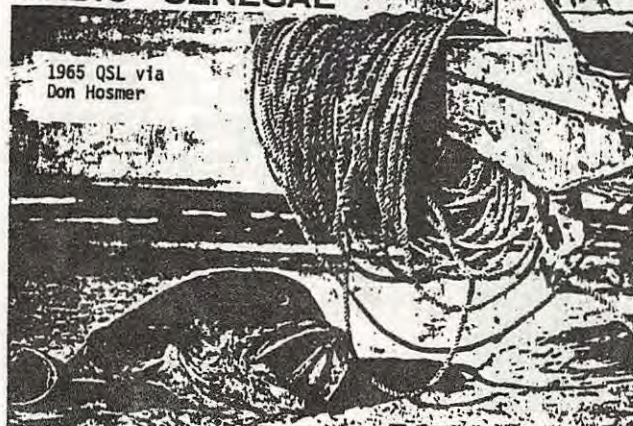
**RADIO SOUTH AFRICA**

HEARD BY YOU ON 41.24 METRES 7.275 M.C.  
9.15 P.M.  
AT 10.00 C.M.T. ON 1st October, 1964.  
G.S.T.

*FOR CHIEF ENGINEER*

## RADIO SENEGAL

1965 QSL via  
Don Hosmer



**PERU:** Radio Amazonas 4815 nice ltr. w/ prepared cd. in 10<sup>th</sup> mo. after 2 f/up rpt. for a SP \* rpt. v/s Jaime Bendayan D., Administrator. Addr: Putumayo 473 (Altos), Iquitos, (Berg-MA).

**PHILIPPINES:** Far East Broadcasting Company 11890 f/d cd. in 23 ds. v/s Henny Gray. (Paszkiwicz-WI).

**PORTUGAL:** Radio Renascença 11730 p/d cd. in 5 mo. for a taped rpt. and 3 IRCs. 100 watts! (Sgrulletta-NY). IBRA Radio 9670 via Radio Trans Europa f/d cd. in 10 ds. (Plum-NJ). f/d "Copper Artwork from Zaire" cd. in 3 wks. for 1 IRC. (Palmerheim-MN).

**QATAR:** QBS 15505 f/d cd. in 24 ds. (Foltz-MI). f/d large "Map/Logo" cd. in 6 mo. after a f/up rpt. for 1 IRC. v/s Jassem Mohd. Al-Qattan. (Valko-PA). same in 18 wks. for a taped rpt. and ms. (Sgrulletta-NY).

**SARAWAK:** Radio Malaysia 4950 via Kuching f/d "Building" cd. in 35 ds. for 1 IRC. (Wilkins-CO). 3385 via Miri w/ same cd. in 5 wks. for 1 IRC. (Gliksman-IL).

**SAUDI ARABIA:** BSKSA 15060 f/d B&W cd. in 86 ds. for 1 IRC. v/s Ibrahim Al-Hazza for General Director of the Engineering Department. (George-NC). f/d cd. in 60 ds. (Paszkiwicz-WI). 11855 f/d cd. in 26 ds. (Lare-MI).

**SOUTH AFRICA:** Radio RSA 15325 f/d "Cape Pennsula" cd. in 28 ds. (Kanopka-NY). same in 2 wks. (Plum-NJ). 15325, 9615 and 11730 w/ same cd. in 20 ds. w/ pennant. (Fortney-PA).

**SPAIN:** Radio Exterior de Espana 11880 f/d "Dali Art" cd. in 1 mo. (Plum-NJ). Radio Liberty 17845 via Playa de Pals p/d blue and yellow "Map" cd. in 18 ds. (Buer-FL).

**SRI LANKA:** Adventist World Radio via SLBC 11835 f/d "Radio Monitors International" cd. in 26 ds. w/ AWR pennant. v/s Jose Jacob. (D'Angelo-PA).

**SWAZILAND:** Trans World Radio 7295 f/d "Building" cd. in 70 ds. w/ sticker for ms. v/s Terri Langeman. (Kanopka-NY). folder cd. in 54 ds. for 2 IRCs. v/s J. Olsen. (Streeter-NY). 5055 and 11740 f/d cds. in 86 ds. for ms. (Park-HI).

**SWEDEN:** Radio Sweden International 21555 via Varberg f/d "Lofo" cd. in 13 ds. (Gliksman-IL).

**TAHITI:** Radio Tahiti PR3 15170 f/d "Logo/Conch Blower" cd. in 28 ds. for a PR rpt. and 1 IRC. (Fortney-PA).

**TANGIER:** VOA 9760 and 15205 f/d "40th Anniversary" cd. in 8 ds. (Reinstein-FL).

**TIBET:** Kizang PBS 4035 f/d "Chairman Mao Memorial Hall" cd. in 23 ds. via Beijing. (Reinstein-FL).

**TURKEY:** Voice of Turkey 11900 f/d "Spoonbill" cd. in 33 ds. for 1 IRC. (Tutak-NJ). Turkish Police Radio 6340 f/d paper cd. in 362 ds. for an EG

rpt. and 1 IRC. v/s by Station Director. (Choroszy-ME). f/d cd. in 1 yr. for a taped rpt. & ms. (Sgrulletta-NY).

Nous vous remercions d'avoir écouté les émissions d'essai d'AFRICA N° 1.

Nous vous souhaitons bonne chance pour le tirage au sort qui aura lieu début 1980.

via John Meyer SURER 73

We highly appreciate your listening to AFRICA N° 1.

We wish you good luck in our competition that will take place at the beginning of 1980 when our trials end.

Please keep us informed of the reception in your area as soon as possible.

### World International Broadcasters

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Transmitter Site: 100000 W. U.S.A.

This is to certify your report of reception on 11/11/80

Date: 11/11/80 at frequency of 11.730 MHz

W 11.730 MHz with a Transmitter Output Power of 100000 Watts

Using a General Antenna System Which Gives An Effective Radiated Power of 100000 Watts.

OUR EXACT LOCATION IS 30° 50' NORTH LATITUDE 74° 30' WEST LONGITUDE

\_\_\_\_\_

*Roger [Signature]*



ORF QSL "Austrian Art" "Lovers"

**TURKEY:** Turkish Police Radio 6340 f/d cd. in 1 yr.  
\* for 1 IRC. (Streeter-NY). same in 375 ds. for 2  
IRCs. (Buer-FL). cd. in 120 ds. after a f/up  
rpt. for ms. (Gavaras-MN).

**TURKMEN SSR:** Radio Moscow 15295 via Ashkhabad  
f/d cd. in 1 mo. v/s Mrs. Maria Malinina.  
(Palmersheim-MN). 15540 f/d cd. in 2 mo. (Lare).

**UGANDA:** Radio Uganda 15325 f/d cd. in 209 ds. (Lare).

**UKRAINE:** Radio Moscow 12010 via Lvov f/d cd. in

36 ds. (Palmersheim-MN). 7150 f/d cd.

in 35 ds. (Choroszy-ME). f/d cd. in 1

mo. (Valko-PA). 7165 via Kiev f/d cd.

in 1 mo. (Valko-PA). 7195 via Sim-

feropol f/d cd. in 1 mo. (Valko-PA).

7215 via Vinnitsa f/d cd. in 1 mo.

(Valko-PA). 15530 via Ivano-Frank-

ovsk f/d cd. in 33 ds. (Choroszy-ME).

7110 f/d cd. in 1 mo. (Plum-NJ).

Radio Kiev 17900 and 17870 f/d cd.

in 45 ds. (Paszkieloz-WI). 17870

f/d "Logo" cd. in 2 mo. (Wilkins-CO)

**UNITED ARAB EMIRATES:** UAE Radio 11940

f/d cd. in 25 ds. (Sobkoviak-IL).

15300 f/d "Map" cd. w/ pennant in

29 ds. v/s K.F. Fenner. (Fortney).

**USA:** NYER f/d blue "Logo" cd. in 47

ds. for ms. (Park-HI). WINE 15185

f/d cd. in 9 ds. (Sobkoviak-IL).

United Nations Radio 9565 f/d

"Logo" cd. in 1 wks. via the Balano-

site. (Palmersheim-MN). VOA 26000

via Bethany f/d cd. in 9 ds. (Kap-

inos-MA). KQSR 7428 nicely designed

\* ltr. in 2 wks. (Berg-MA). Radio Eras Radio 7431 f/d "Charlie Chaplin Rats

\* Letter" in 16 ds. (Streeter-NY). Voice of Syncom 6225 f/d ltr. in 274

\* ds. for ms. (Streeter-NY). Voice of the Pyramids 15020 f/d form ltr. in

\* 17 wks. for ms. v/s Mike Johnson. (Wilkins-CO). WQUT 1630 large "Logo"

\* cd. in 8 mo. for a phone-in-report. (Valko-PA). WART 1632 "Logo/Angel"

\* cd. in 1 mo. (Fortney-PA). 1630 same cd. as above. (Valko-PA).

**USSR:** Radio Moscow 12010, 11840 and 15540 n/d cds. (without sites) in 34

ds. (Barto-CT). Don8t even remember sending this rpt! Sam.

**VENEZUELA:** Radio Frontera 4760 p/d cd. in 6 wks. for a SP rpt. v/s Modesto

Marchena, Director-Proprietario. (Lobdell-MA). YVTO 6100 p/d form ltr. in

3 mo. for a SP rpt. and ms. v/s Jesus A. Escalona. (Kusalik-ALTA). Radio

Carora 4907.5 personal ltr. in 25 ds. for a SP rpt. and ms. v/s Carlos

Gonzalo Gonzales, Gerente General. (Wilkins-CO). Radio Tachira 4830 pre-

pared cd. w/ pennant in 46 ds. for a SP rpt. and ms. (Foltz-MI). rcvd.

pennant only in 1 mo. for a SP rpt. (Berg-MA). Radio Maturin 5040 cd. w/

antenna logo in

13 mo. for a SP

rpt. (Berg-MA).

**Ecos del Torbes**

4980 cd. in 67

ds. for a SP rpt

and ms. after a

f/up rpt. (Foltz-

MI).

**VATICAN:** Radio Vati-

can 6015 f/d

"Chapel Studio"

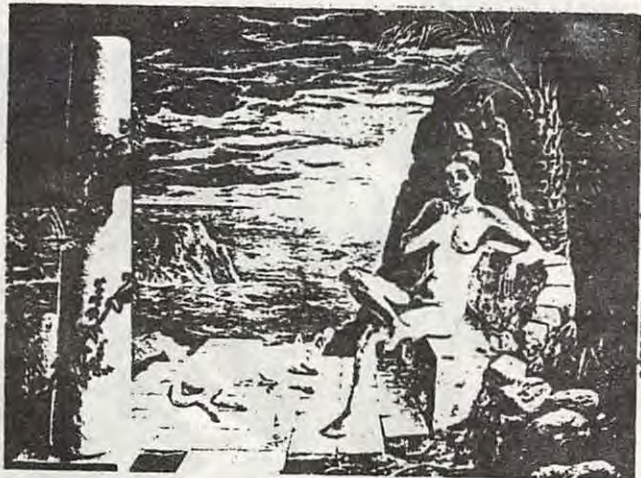
cd. in 79 ds.

v/s Michele Lem-

me. (Streeter-NY)

10 YEARS  
RBI-DX CLUB

"Alexanderplatz,  
Berlin, DDR" QSL



ORF QSL "Phantasmagorical Landscape"

RTB

**VANUATU: Radio Vanuatu**  
 7260 f/d "Tam-Tam"  
 cd. in 5 mo. after a  
 f/up rpt. for a taped  
 rpt. and ms. (Sgrulle-  
 tta-NY).

**VIETNAM: Voice of Viet-  
 nam** 10040 cd. in 9 mo  
 for 2 IRCs. (Sharpe-  
 CA). 10080 f/d cd. in  
 302 ds. (George-NC).  
 15012 f/d cd. in 3 mo  
 (Valko-PA).

- A FEW LATE ARRIVALS

**ARMENIA: Radio Yerevan**  
 17870 f/d cd. in 53  
 ds. w/ schedule.  
 (D'Angelo-PA).

**AUSTRALIA: VLWQ** 9610 via  
 Wannerop f/d ltr. in 46 ds. v/s R.C. Bennett.  
 (D'Angelo-PA).

**CYPRUS: Cyprus Broadcasting Company** 7230 f/d cd.  
 in 148 ds. (D'Angelo-PA).

**ECUADOR: HCJB** 15155 f/d "ARDXC" cd. in 55 ds. v/s  
 Peter Bunn, QSL Manager. (D'Angelo-PA).

**ITALY: Radio Pace** 15475 p/d ltr. in 73 ds. (Barto)  
**JAPAN: Radio Japan** 17755 p/d "Cherry Blossom" cd.  
 in 42 ds. (Choroszy-ME).

**SAUDI ARABIA: BSKS** 6810, 17940 and 15060 p/d cd.  
 w/ ltr. in 37 ds. (Barto-CT).

**NOTES: P. Tutak** of 10 Adele Court, Edison, N.J.

08817 is in need of an operating manual for an  
 HQ-180A receiver. Any help? **Leslie Byron** has a  
 new address: 1914 Everts St., Philadelphia, PA.  
 19152. Very nice fella to correspond with...**Sam**  
**Lynn Burke** of 479 Nelson Drive #21, Newport News, VA.  
 23601 is looking for information pertaining to the  
 various "EDXC" QSLs as mentioned in this column from time to time. Does  
 anyone know when the next cds. will be issued by the EDXC in conjunction  
 with a transmission?

This, I believe, was our lowest country count. A little less than 80  
 countries were represented. Must be the tight economy or many have re-  
 turned to school....We just keep trying...Send in your reports!

Hotel Concord, Puerto Plata, Rep. Dominicana.

Señor **Ronaldo Howard**

Recibimos su reporte de fecha

**Enero 1, 1972**

el cual corresponde a nuestras trans-  
 misiones. Damos las gracias y es-  
 peramos con agrado sus próximos  
 reportes.

Domestic Postcard Co., Stamford, Ct., U.S.A.

151607

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 DI TEMPO E FREQUENZA  
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IBF

Αγαπητέ Κε  
**ΧΡΗΣΤΟ ΠΗΓΑ** Dear Sir  
**CHRISTOS RIGAS**

Με ευχαρίστηση επιβεβαιώνουμε  
 την άνοδο σας λίγους της  
 εκπομπής μας, η οποία  
 συμφωνεί με το πρόγραμμά  
 μας.

We are very pleased to  
 confirm your reception  
 report of our transmission,  
 which is in accordance  
 with our schedule.

Συχνότητα / Frequency **15040** KHz  
 Ώρα / Time **17.00 - 17.45** GMT.

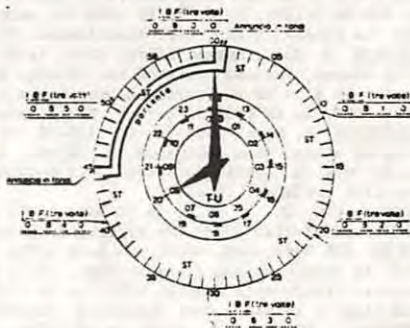
Ημερομηνία / Date **May 11 1982**

Ευχαριστούμε και τις  
 χαρούμε αν μας ακούσετε  
 πάλι.  
 Με τις καλύτερες ευχές  
 από την Ελλάδα.

We thank you for your  
 report, we will be pleased  
 to hear from you again.  
 With best wishes from  
 Greece.

• also east-south - 15050Kc

GREEK RADIO TELEVISION  
 DIRECTION OF TECHNICAL SERVICES  
 16 MOUROUZI ST. - ATHENS 138  
**RAD. STAT. MAKEDONIAS**



**rne** RADIO NACIONAL  
 DE ESPAÑA

# update

February 1983\*\*\*Number 132

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

UPCOMING DEADLINES: 10 February (Mid-Feb) 20 February (March) 10 March (Mid-March)

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

**ANGOLA** Em. Regional de Banguela, 5041, in lang 0502-15; telephone co. audio. Fading rapidly at 0515. National nx at t/in, many mentions Luanda // 7245. 0515 Recheck had highlife and mellow mx, fading out rapidly. Best on USB. (David Crawford, FL 1-11)++Em. Regional de Lobito, 0510-0514, in lang on 7170. PT national nx // 7245 and better audio than 5041. Nx ended 0512 then IB and local ID into curiously Cuban sounding mx (wonder why . . . hi. tba) and very strong. Bad het. 5192 in weakly, too. (Crawford, FL 1-11)

**BOLIVIA** R. Ribe alta, 4696, in SP 2320-25; fair. M w/ talk, mentioned Riberalta and into 2d M anncr with more talks. (Stu Klein, NJ)++R. Abaroa, 4720, in SP 0805-15; fair. On early for Christmas w/ nice carols, ballads, M anncr w/ ID, TC. UTE gone. (Klein, NJ)++R. Mamora, 4740, in SP 2325-35; poor. Andean sounding mx, M anncr w/ clear ID, TC and more mx. Format repeats. (Klein, NJ)++R. Em. Bolivia, 4755, tentative, in SP 0430-40; poor. LA mx, Andean selections, M anncr, mentioned Bolivia. Very weak. (Klein, NJ)++R. Los Andes, 4775, in SP 1110-24; at height of geomag storm. Andean vocal, canned anncmt by W, talk by M, more mx, ID by M. (Klein, NJ)

**BRAZIL** R. Rural Santarem, 4765, in PT 0905-10; vy good. W anncr w/ ID: "Rural Santarem, ondas medias e tropicales." Talk by M, samba mx. (Klein, NJ)++R. Cult. Sergipe, 4776, in PT 0730-35; fair. Samba mx, M anncr, talk, ID. Second Brazilian under this. (Klein, NJ)++R. Itaciaia, 4805, in PT 0710-0720; vy good. M anncr, string of 3 IDs, pgm of accordian mx. (Klein, NJ)++ Rifa Amsonas, 4805, in PT 0940-45; vy good. M anncr, full ID, calls, QTH, freqs, etc., to pop mx. Itaciaia noted underneath. (Klein, NJ)++R. Nat. Boa Vista, 4835, in PT 0945-50; vy good. M anncr w/ talk, RadioBras and R. National IDs, canned anncmt, accordian mx. (Klein, NJ)++R. Cl. do Para, 4885, in PT 0333-43\*; closing nx pgm, mentioned Uruguay, Bolivia, Caracas and a number of mentions of Honduras. March tune 0340 ending nx and into tape w/ mellow instrumental and M giving closing anncmts over it. Singing ID 0343 and gone suddenly. (Moritz, OH 1-10)

**BURUNDI** LV de la Revolution, 3300, in FR 0410-42; hrd on 990 foot longwire. M babbling amid violin mx to 0419 when fragment of Heartbreak Hotel, into ID and nx. Strong, well over TGNA but fading 0425. (Crawford, 1-11)

**CANADA** CHXK, 6130, in EG 0510; C&W mx, ads and EHNS IDs. Fair. (Martin Foltz, MI 1-16)

**CENT. AFR. REP.** R. Centrafrique, 5035, in FR 0517-29. Perfect reception. OC at t/in till audio came up in mid-sentence at 0520, nx by 2 FR M, ID 0524, then highlife mx. (Crawford, FL 1-11)

**CHINA** A jumble of two CH speakers on 4840 from 1240+. One seems FFBS and the other is probably Heilongjiang but the "het" caused by the voices of the 2 different anncrs was horrible. (tba)++ R. Beijing, 5145, in RS 1135-40; fair. Instrumental mx in CH style, M anncr w/ "Govorit Pekin" ID, back to mx. (Klein, NJ)

**CLANDESTINE** V of the Libyan People, 11977, in wierd sounding AR(possibly a dialect), 0550-0628; example, "Jumhariyati" rather than Jamahriyah. Off w/ fanfare. (Crawford, FL 1-11)

**COLOMBIA** R. Bucaramanga, 4845, in SP 0348; poor. Just ending song, s/off anncmts in EG and SP NA and 0358\*. (Foltz, MI 1-13)++Armonias del Caqueta, 4915, in SP 1050-1100; vy good. Strong and clear w/ EJ MoR mx, M anncr, several IDs. Mentioned Catolica several times. (Klein, NJ)++ La Voz de Tolima, 6040, in SP 1005-26; poor, fading in and out. Bouncy mx, ads, including one for "La Pinata" store, IDs. Reactivated. (Crawford, FL 12-28)

**ECUADOR** R. Cult. Antena Libre, 3240, in SP \*1108-15; fair. Vocal NA, local anthem, M anncr w/ s/on anncmt, various kinds of mx. (Klein, NJ)++Esc.Rad.Pop., 5015, in SP 1100-05; vy good. M&W anncrs in slow SP w/ lesson on proper usage of Castillian. Interesting! (Klein, NJ)++R. Splendit, 5027, in SP 0407-54\*; fair. Songs, ads, M anncr. ID only at s/off. (Foltz, MI 1-6)

**GUATEMALA** R. Maya, 3325, in SP 1130-35; vy good. Ubiquitous marimbas, w/ chorus of inebriates singing along. Then religious mx. (Klein, NJ)++Maya, 3325, and Nahuata, 3370, being hrd regularly here at unbelievable levels 1230-1330. Never this good at night. Pleasant listening if you like marimbas. (tba)

**GUYANA** CBC, Ch. 2, 5950, in EG 0250-0302; fair. Nx, s/off on 1-6. On 1-8 to 0401 w/ mx, talk and s/off. 1-11to 0303\*. No Nicaragua. Power 10 kw per anncr. (Elliott Feinberg, NY)

**INDIA** AIR Hyderabad, 4800+, in lang 1253+ 1-13; good. Lang talks by M to hour, long breaks in them as though pauses in nx stories. ID by W 1300. Fairly good throughout and peaking to fine levels. (tba)++AIR Madras, 4920, in EG 1233-35; EG nx // 4800. Audio much better than 4800 and clearly readable over Australia. (Crawford, FL 12-25)

**INDONESIA** RRI Fak Fak, 4789, in IN 1230+; poor but audible. SCI, ID by W and into talks. Covered intermittently by SSB traffic. (tba)++RRI Ambon, 4845, in IN 1230-1300; only Indo I hear regularly these days. Usual format. Don't hear many other Indos this season. (tba)

**LESOTHO** LNBS, 4800, for the first time in many moons 0423-45 in lang. Religious format w/ W anncr to 0430 when ID. Still there at 0445 check. (tba)





# LOG REPORT

## section A

2000 to 4899 kHz

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

We have some nice material this month, so without further comment...

- \*2350 SAUDI ARABIA BSKSA; 0320 Dueling Koran chanters, seemed to be 2 diff pxs simultaneously, suggesting ISB w/carrier. f(Crawford 12/30)
- 2370T FALKLAND ISLANDS FIBS; 0050 Noted w/wk mx to 0100 EG ann, caught ment of "...Broadcasting Service...", & into mx px to 0129 ann, GSTQ & 0131\*. vp(WDX 12/31) 0112 M & W dramatic dialog, p/f, not //WS. (Crawford 12/23)
- 2391 MEXICO R.Buayacocotla; 0045 M/ann in SP w/world & LAM nx. ID as above 0103 w/freq. f(Bolland 12/11) 0100 SP tkl by M to 0100 mx, ID by YL, ment Mex. p(Valko 12/17) 1304 OH w/trl, poss nx. vy wk, approaching f/out. (Wilkins 12/10)
- 2850 KOREA, N Pyongyang; 1040 M & W KR drama, choral mx, two tones on hr. //2775 Hamheung, 2746 Shinuiju & 3030 Wonsan. vg(Wilkner 1/10)
- 3015 KOREA, N Pyongyang; 1049 Choral mx, M/ann w/KR tkl, more mx. f(Wilkner 1/10)
- 3200 SWAZILAND TWR; 0315 M w/lang rel tkl. (Murff 1/3) 0318 EG hymns, lang tkl by M just prior to 0330 f/out. (Florian 1/5) Listed Tswana—sdk
- 3205 BRASIL R.Riberão Preto; 2313 MoR mx, OM in PT betw sels, ID. p(Radcliff 12/23) 0318 EZL US & Brz mx, ID by M 0330. (Murff 12/17)
- 3208 MOZAMBIQUE Maputo; 0324 Lite Af pops & disco, M DJ betw in PT. wk(Florian)
- 3210 MOZAMBIQUE Maputo; 0320 M DJ w/lively mix of PT & Af pops. (Murff 1/3)
- \*3220 CHINA Beijing; 2245 CH YL hrd thru HCJB, gone by 2301. (Crawford 12/7)
- 3222 TOGO Lama Kara; 0620 M/ann in FR w/lcl ann, ment Kara, drums. f(Klein 12/31) 0630 Chinese, ID in FR & FR nx. UTE QRM, but clear. (Sparks 1/8) 0636 Drums, OM w/trl, ID. xInt(Radcliff 12/23)
- \*3230 PERU R.El Sol de los Andes; 2342-0035, 0950-1030 Noted with SP tkl, huaynos, El Condor Passa and the like, flute mx, by an astonishing (9 rep)
- 3232 SUMATRA RRI Bukittinggi; 1530 Noted w/IN pop songs, best sig so far this season. Noted //4910 also clear sig. (Sparks 12/7)
- 3235T INDIA AIR Gauhati; 1340 Asia choral mx, some inst mx, poss zither. F/ann 1345, wk(Krause 1/9) This is listed as relaying Shillong—sdk
- 3240 ECUADOR R.Cult. Antena Libre; 0148 Xmas mx, SP tkl, 0154 ID, vocal NA & 0158\* p(Howard 12/26) 0155 SP ID, choral NA. (Wilkner 12/29) \*1108 Vocal NA, lcl anthem, M/ann w/s/on ann, MBO, EZ mx px, mostly rel. g(Klein 1/11) 1115 M w/Ind tkl, mixed choir singing folkloric vocals, M w/ID 1128, then tkl. vg(Sparks 1/10)
- 3250 SOUTH AFRICA R.5; 0305 EG pop mx px, M DJ w/IDs. p/f(Cobb 12/22)
- 3255 LIBERIA LBS; 2219 EG ID by YL, Xmas mx sels, nother ID. (Cooper 12/29) 2310 EG comedy px, C&W mx, ID 2354, prayer, 0001\*. f/p(Vance-FRG 12/28) 0545 M/ann w/trl, ment upcoming px for day, sevl ment Monrovia. f(Klein 12/31)
- 3255 VENEZUELA LV de El Tigre; \*0955 NA, M/ann w/full ID & freqs, then M DJ w/LAM mx px. (Murff 12/29) \*1005 S/on w/ID of LV de El Tigre, indicating that R.980 slogan was just addtl ident, not name change. (Berg 1/3)
- 3260 NIGER Niamey; 0606 FR world nx by 2 M (seems to be the chic way of presenting nx, by twos) w/much on Lebanon; drums, guitar mx. XInt, //5020(Crawford 1/11)
- 3260.7 ECUADOR LV del Rio Carrizal; 0205 Ment of Calceta, good LAM mx. Fading, maybe freq drift. (Wilkner 12/29) 0314 Slo HC vocals, M/ann w/ID 0318, to 0325\*(Murff)
- \*3268 INDIA AIR Kohima; 1430 ID, EG sports nx, into Urdu mx. (Young 12/29)
- 3270 SOUTHWEST AFRICA SWABC; 0310 EZL vocals, C&W mx, //4965. (Murff 1/3)
- 3275 VENEZUELA R.Mara; 125 ID & EZ LAM mx. g(Dickson 1/5) 1000 M & W/ann w/sds for 8 min, then ID foll by nx headlines. (Murff 12/30) 1029 "Adelante Informativo" nx px. (Illa 12/9)
- \*3277 KASHMIR Srinagar; 0159 MX, tkl, IDs. Poor, really clobbered by UTE. (Vance-FRG)
- 3280 ECUADOR LV del Napo; 1045 LAM mx px w/M DJ, ID 1049, more mx. (Murff 1/5)
- 3280 MOZAMBIQUE Beira; 0330 M DJ w/nice px of Eaf EZ mx & PT tkl. (Murff 1/3)
- 3285 BELIZE RB; 2251-0310, \*1000-1210 Mixed SP/EG px of mx & tkl. (12 rep)
- 3287 MADAGASCAR Antananarivo; 1644 PX in Malagasy, lots of tkl & lcl mx. ID 1700. p/f(Vance-FRG 12/14)
- 3290T INDIA AIR Delhi; 1305 W tkl in lang, Ind mx, no poss ID. vp(Meyer 1/6)
- 3300 BURUNDI Bujumbura; 0407 M/ann w/lang nx to 0419 FR ID, more nx. UTE on freq, but g QSA. 0430 f/out(Murff 1/8) 0410 FR M babbling amid violin mx to 0419 C&W mx, into ID & nx. Well over TGNA, but fading heavily 0430. (Crawford 1/11)
- 3305 INDONESIA Unid; 1510 Relaying Jak, into SCI & off w/no ata ID or ann of any kind. Poss RRI Dili on late testing xmt, tho reg s/off is 1415. (Sparks 12/16)

- 3310 UNID 0120 Mostly LAM vocals, some M & W tkl thru heavy UTE QRM. Poss R. San Miguel or new freq for Tristan LAM svce. (Crawford 12/23) I'm the one who's supposed to crack the jokes around here!—sdk
- \*3316 ECUADOR R.Pastaza; 2355-0340, \*1113-1130 Typical small HC sta px — HC mountain mx, SP tkl, ads, IDs, etc. Some QRM off persistent UTE. (7 rep)
- 3320TT PERU R.Estrella del Sur; 1015 SP nx, ads, LAM pops, noted here since Oct, presumed ID. UTE on freq. (Murff 1/5)
- 3325 ECUADOR Ondas Quevedenas; 0945 Romantic vocals & campo sels, lots of TCs, nx at 1000. (Sparks 12/11) 1030 M/ann w/nx px, LAM mx, mixing Maya. (Murff 1/5) 1037 Long tkl by M w/sevl TC, ID, EZL mx. (Valko 12/29)
- 3325 GUATEMALA R.Maya; 0145 Choir singing "Silent Night" in SP, OM ann in SP, ID. UTE QRM(Eastman 12/20) 1130 Ubiquitous marimbas, this time with a bunch of drunks singing along, then rel mx. f(Klein 12/28) 1135 Rel mx, Xmas carols, 1204 ID. vg(Wilkins 12/16) 1150 M w/trlk, many ment Maya. (Krause 12/26)
- 3330 UNID 1100 SP speaker under CHU, nondescript LAM mx, ann uses echo effect, too much QRM for ID. (WDX 12/31)
- 3335 PAPUA NEW GUINEA R.Ea. Sepik; 2014 Xmas mx, IDs, f/out 2047. vy wk(Vance-FRG 12/24) 1100 M/ann w/ID, tkl, US oldies & island mx. (Murff 1/5)
- 3335 SWAZILAND TWR; 0256 EG ann during IS, unknown lang 0300. f/spatter off CHU. (Billier 12/9) 0315 Organ mx, lang sermon by M. (Florian 1/7) 0320 Lang rel tkl & mx, ID 0330, CHU QRM. f/p(Cobb 12/29) 0330 M preacher w/lang tkl & lang hymns. (Murff 1/3) Listed Tshwa to 0315, then Shangan to 0345—sdk
- \*3339 ZANZIBAR RTZ; 1900 SH px, ax @ 1900, IDs, into mx & more tkl. UTE QRM to 1925 f/out. wk(Vance-FRG 12/26) 0311T Slo tempo singing by M, SH tkl by M, too much QRM to ID, slo fade to 0338 loss. (Florian 1/7)
- 3340 MOZAMBIQUE Maputo; 0252 RM IS w/EG & PT IDs, NA 0255, into PT tkl. f(Billier 12/8) 0310 M w/PT tkl, EAF steel band mx. (Murff 1/3)
- 3350 GHANA Ejura; 0550 M/ann in EG w/brief tkl, AF drums/chanting, back to tkl, ment of Ghana. Fair, now that ute is off the freq. (Klein 12/31)
- 3360 GUATEMALA LV de Nahuala; 1210 "Los Campesinos Madrugadores" px w/ranchera, marimba, and other mx. vg on USB(Wilkins 12/10)
- 3360 PAPUA NEW GUINEA R.Hilne Bay; 0847 Tribal mx, C&W mx, 0900 ID & Radio 1 nx relay from Pt. Moresby. UTE QRM, best on USB. (Wilkins 12/17)
- 3365 BRASIL R.Cult. Araraquara; 0145 OM w/long PT tkl, rather passionately delivered to 0200 ID. g(Radcliff 12/29)
- 3366 GHANA Accra; 0555 Af pops, M/ann w/EG tkl, ment upcoming nxcast. f(Klein 12/3)
- 3367T IRAQ Hurriyah; 0302 IS, opening w/M/ann in AR, AR mx. (Billier 12/8) 1509 ME lang, assume nx to 1514. (Young 1/2) 1520 Polit cmty in lang, no ID but freq ment of Iran in cmty indicates Iraq. (Sparks 1/3)
- 3370 GUATEMALA R.Tesulutlan; 2344 Nice inst mx, OM w/trlk, ID, no marimbasi[a miracle!] (Radcliff) 0545 Organ mx, SP ID by M, New Year's mass, //4835. g(Cobb 1/1) 1250 Lcl groups w/relig songs. (Wilkins 12/10)
- 3370 MOZAMBIQUE Beira; 0325 Lang Af vocals, M & F/ann in PT, ID 0330. (Murff 1/17)
- 3375 BRASIL R.Nal. SSo Gabriel; \*0905 S/ann ann w/ment RadioBras & freqs. (Illa 12/10) 0940 M w/PT freqs, ID, foll by W w/trlk. p(Bolland 12/24) 0951 Native mx & full ID @ 1000. (Choroszy 1/5)
- 3380 GUATEMALA R.Chortis; 0200 "Un Momento Para Dios" px. Hrd to 0303 close. g(Berg 12/31) 0202 W singing "Silent Night" in EG, foll by M/voc, SP ID 0232. (Eastman 12/21) 0255 Steel band mx w/M/DJ, ID & closing ann to 0305\*. g(Cobb 12/22)
- 3381 ECUADOR R.Iris; 0339 Song in EG, pop ballade, ID by OM 0354 & 0356\*. p/f(Eastman 12/22) \*0958 Inst mx, s/on ann, quick TC, ballads. g(Choroszy)
- 3385 FRENCH GUIANA FR3 Cayenne; 0240 Fast moving pops — apparently New Year's party —much laughing & horn blowing 0300. (Eastman 1/1) 0930 Cha-cha mx, mariache mx, FR nx & tkl 0945, ID. (Illa 12/9) 0944 Steady px of reports from remote locations. (Bolland 12/29)
- 3395 ECUADOR R.Zaracay; 1001 Typical HC mx px. (Illa 12/8)
- 3396 ZIMBABWE Gwelo; 0320 NA into ringing bells IS, UTED to death 0323(Billier 12/8)
- \*3778.5 IRAN Tehran; 1427 F voice in Farsi, chanting, ann at half hr, poss nx, ann 1443, into more ME singing. (Young 12/29)
- 3798 INDONESIA Unid; 0950 Long call to prayer, then into AR style vocals. Ann in IN w/ment Indonesia 1000, but pulled plug 1002. If Gorontalo, not //3265(Sparks 12/27)
- 3800 PERU R.Esmeralda; 0955 Husaynos & ID by M 0957. g(Sparks 1/29)
- 3830? VENEZUELA R.Tachira; 1025 LAM mx, many ads & IDs. //4830. Spur? (Alexander 12/27) Prob a mixing product of 4830 & 1000 kc MW—sdk
- 3915 SINGAPORE BBC Kranji; 1702 Normal WS px. f(Vance-FRG 12/24)
- 3930 CAPE VERDE Voz de SSo Vicente; 2316 PT px, mx, nx 2330 after ID, US mx, S/off w/NA & gong 0001\*. g/f(Vance-FRG 12/22)
- 3945 JAPAN NSB; 0858 M/ann in JP w/end of nx, R. Tanpa ID by W. (Murff 1/13)
- 3950 CHINA Qinghai PBS; 0010 EG lesson to 0029, then CH ID, 0037 f/out. p(Vance-FRG)
- 3970 CAMEROUN Buea; 2140 Hilife mx, FR tkl, poss some EG as well. (Crawford 1/6)
- 3995 GERMANY DW; 0320 Sounded like px of GM folksongs //6075.ARO QRM(Hosmer 12/12)

- 4000 CAMEROON Bafoussam; 2242 Af vocals, ann in lang to 2300 R ID, nx brief, to NA & 2303\*. f(Florian 1/4)
- 4040 ASRSFSR Vladivostok; 1036 W w/RS tkl, into folk ballads. vg(Wilkner 1/10)
- \*4050 KIRGHIZIA Frunze; 1044 MX & tkl in RS, clas mx. f(Wilkner 12/15)
- 4120 KOREA, N V.Part. Reun.; \*1359 IS, NA, YL w/long EG tkl, vy wk(Wilkins 12/14)
- 4300 PERU R.Moderna; 0226 M w/trl under assorted UTBs, hets, noises, into mx 0230. (Wilkner 12/31) Gee, a choice of QRM no less!—sdk
- 4380 CHINA FPBS#2; 1357 YL & OM w/trl, listed Amy. g(Robertson 12/20)
- 4450 AFGHANI SSR RA; 0141 Haunting wailing by M interspersed w/trl by M in lang. //4740 much better. This p(Valko 12/8)
- 4485 ASRSFSR Petropavlovsk-Kam.; 0805 Long polit tkl by M, //4040. p/(Sharpe 12/21) 0850 M & W w/RS tkl, EZL RS mx, UTE on freq. (Murff 1/13) 1315 M w/RS tkl, class mx vocals. g(Lineback 12/19)
- 4500 AUSTRALIA VNG; Time & tone sig w/ID 1115, over unid CH. (Choroszy 1/5)
- 4500 CHINA Xinjiang PBS; 2305 CH tkl, mx, EG lesson 2340, back to CH 0010. g(Vance-FRG 12/16) 1145 All CH tkl by F/ann, under VNG. (Billier 12/12) 1154 W singing in CH, tkl by diff W. Under VNG. vy wk(Bolland 12/19)
- \*4524.4 CHINA Nei Menggu PBS; 1150 Sounds like JP px, maybe minority px. Much tkl, mx, TC typ of CH regionals 1300. Not hrd 1448 recheck. (Young 12/31) 1150 W w/trl in CH, under TTY. p(Bolland 12/19) 1330 In w/Mong mx, cello sounding instr sel w/vocalist, sev1 mant Nei Menggu. p(Robertson 12/21) As Unid 1320 M & W tkl in lang, vy wk(Lineback 12/19)
- 4610 ASRSFSR Khabarovsk; 0730 F/ann w/px of Mayak mx. (Murff 1/13) 1325 M & W w/px of tkl in RS. p(Lineback 12/19)
- 4620T CHINA Beijing; 1202 M & W giving the mx. At 1207 mx is presented. p(Bolland 12/19) This is listed in the new WRTVH as KR—sdk
- 4656 ECUADOR CRE; 0206 Futbol game at Guayaquil stadium. (Illa 12/15) 0403 Tkl, ad for "Banco Continental", ID. f/g(Michaud 12/29)
- 4696.7 BOLIVIA R.Riberalta; 2300 OC to 2320 Lam vocals, M/ann in SP. (Wilkner 12/21) 2320 OM w/spiel, foll by mx bridge, diff M/ann w/trl, mant Riberalta, mx. f(Klein)
- 4719 CELEBES RRI Ujung Pandang; 1005 Mixed bag of IN pops, chanting, AR type mx. M & YL ann in IN. ID, bells, nother ID by M. f(Valko 12/27) 1043 M & W w/IN play, lite mx, 1059 F/ann w/ID, 1100 pips & nx. (Cucura 12/17) 1330 M/ann & instr mx px. wk/UTE QRM(Krause 1/9) 1500 IN mx, hrd daily. (Orekar 12/24)
- 4719.2 UNID 1004 Slo tempo song, F/ann in lang, foll by M w/nx. At 1020 some chanting, more tkl. Maybe Pakistan? (Bolland 12/17) Prob the one above—sdk
- \*4720 BOLIVIA R.Abaroa; 0000 Romantic ballads, M w/TC, ID. Surprisingly strong, 4740, 4696 in well also. (Crawford 1/5) 0410 Pop mx, Lam tunes, OM w/ID 0420. (WDX 12/31) 0805 On early w/nice Xmas mx px, ballads, M/ann w/ID/TC, then the theme from "Good, Bad & Ugly." (not my idea of Xmas mx!) f(Klein 12/25)
- \*4725.5 BURMA BBS; 1129 W tkl in lang, mx. f(Wilkner 1/4) 1228 Lang tkl, lite trad mx, ID 1300, M in diff lang. g(Meyer 1/7) 1330 M/ann in As sing-song lang. f(Krause)
- 4735 CHINA Xinjiang PBS; 1114 F/ann w/trl, then CH singing, rather folksie in the CH sense. p(Bolland 12/11) Listed Uighur—sdk
- 4740 AFGHANI SSR RA; 0139 Singing, flute mx, ann in lang. Stronger than 4450, but that had better audio. (Young 1/1) 0220 ME type orch mx, tkl, //4450, wk(Alexander)
- \*4740 BOLIVIA R.Mamore; 2325 Andean-sounding mx sel, M/ann w/clear ID as such, TC, more mx. f(Klein 12/31) 1037 Trad vocal mx, ID, folk mx. f(Wilkner 1/11)
- 4747 CAMEROON Bertoua; 2353 Children's px, constant bad het. (Wilkner 12/29)
- 4750 CHINA Nei Menggu PBS; 0010 CH tkl, mx, IDs 0024 & 0045. g(Vance-FRG 12/23)
- 4753 CELEBES RRI Ujung Pandang; 2149 M & W w/IN mx px, faded 2205(Wilkner 12/29)
- 4753 NIGERIA Owerri; 2217 EG px w/EZL mx, ID. p/UTE QRM(Vance-FRG 12/28)
- 4755T BOLIVIA R.Em. Bolivia; 0430 Lam mx sels, Andes sounding MoR mx, M/ann in SP w/trl, too wk to catch ID. (Klein 1/3)
- 4756 BRASIL Rdfs.Maranhão; 03500 M DJ in PT w/px of Bras pops, ID, TLK at 0400 then into more mx 0405. (Murff 12/18)
- 4760 CHINA Yunnan PBS; 2332 CH tkl, mx, nx 2332, full CH ID 2400(Vance-FRG 12/21)
- 4760 UNID 0110 Lam pops, OM in SP, being wiped out by UTE QRM. Safe to assume this is Frontera? (Radcliff 12/19) The YV is the most likely—sdk
- 4765 BRASIL R.Nel. Cruzeiro do Sul; 2309 PT tkl, mx, IDs, QRM off Nigeria 4770. f/p(Vance-FRG 12/26) 1011 Mx, tkl by W, on same net as Tabatinga. Then lcl ads & lcl ID. f(Bolland 12/16)
- \*4765 BRASIL R.Rural Santarem; \*0800 Mx to M/ann w/calls, freqs, mx, ID/TC, promos. (Wickell 12/20) 0845 Ann, up-tempo Brz mx, ID 0900. g(Alexander 1/1) 0905 F/ann w/"Rural Santarem, ondas medias e tropical" ID, to F/ann w/trl, samba mx.vg(Klein)
- 4765 LIBERIA ELWA; 2203 VOA nx relay. strong(Florian 1/4) 0600 M/ann w/nx headlines mostly lcl stuff. vg(Klein 12/31) 0620 Tkl by OM, mx, bible tkl. (Saunders 12/17) 0735 Thru the Bible px, ID 0740. (Murff 1/5)
- 4770 NIGERIA Kaduna; 2207 US pop mx w/M DJ in EG. (Witzig 11/30) 2347 Pop mx, EG ann, many ID/TC. g(Young 12/28) 0000 US pops, ID 0030. vg(Dickson 1/6) 0520 World nx by W, ID. f(Lineback 12/31) 0605 M/ann w/tail end nx, into tkl. f/g(Klein)

- 4770.2 VENEZUELA R.Bolivar; 0202 Caught in middle of canned ID, foll by mx. g(Bolland 12/12) 0830 M DJ w/Lam pop oldies, ID, ads, TC. (Murf 1/5)
- \*4775 BOLIVIA R.Los Andes; 1100 S/on w/opening ID, huayno & campo sels, long ad strings and sevl IDs betw sels. Heavy CW QRM. 1125 f/out. (Sparks 12/29) 1110 Andes style voc mx, canned ann by F w/OM & OC mant, tlc by M, more mx, ID by M. During major geomag storm. f(Klein 1/10) 1123T Bol style mx, SP ann, poss ID, ment Bol. Weak, but in clear.(Young 12/27)
- \*4775 INDIA AIR Gauhati; 1133 Subcont mx, vy shrt amts in lang betw mx, to 1215\*. f/p this day, tho not hrd most days(Howard 12/18) 1135 Indian wailing mx, fair w/QRM off 4780(Wilkner 12/22) 1205 M wailing to carrier of 1215\* (Crawford 12/25)
- 4775.6 BRASIL Unid; 0115 Orch mx, many PT ann, PT ballads, some jingles(?). (Young 1/1)
- 4776 BRASIL R.Cult Sergipe; 0730 In w/samba mx, M/ann w/tlk, ID. Another Brz underneath, vy wkly, so ID poss. (Klein 12/31) Prob your unid, Jim—sdk
- 4777 GABON Libreville; 2156 Trad mx, FR ID 2200, into contemp Af mx px. vg(Florian 1/6) 0440 M DJ w/wake-up px, IDs, TCs, etc, pop mx. (Murff 12/16) 0612 Af drum/chanting mx, M/annin FR w/tlk. f/p/UTE QRM(Klein 12/31)
- 4780 EURSFSR Petrozavodsk; 1210 M & F/ann in RS alternating, //5065. g(Biller)
- 4781 HONDURAS R.Juticalpa; 1120 Ment of Hond by M, 2 IDs. g(Wilkner 1/5) 1240 OM/ann, Navidad ads [??], occ mx. p(Wilkins 12/10)
- 4783 MALI Bamako; 0634 Lang tlc mixed w/Af mx, FR ID 0700, foll by nx.(Michaud)
- 4785 AZERBAIJAN Baku; \*0200 Natl & reg anthems, opening ann by YL and then into presumed RS nx by same YL & OM. vg(Valko 12/8) 0420 Mor piano mx, tlc by M & W in RS, more mx. f/Combeima off. (Klein 1/4)
- 4785 BRASIL R.Ribamar; 0830 Brz mx, lots of jokes, ID 0900, into nx.(Murff 1/12)
- 4785 CHINA Zhejiang PBS; 2258 CH tlc, mx, IDs to 2322 /out. p(Vance-FRG 12/27)
- 4785 COLOMBIA Ecos del Combeima; Noted on at all hours, making freq ment of Super net affiliation, sent in by an amazing (15 rep) As of 1/26, this is off again—sdk
- 4789.4T WEST IRIAN RRI Fak-Fak; 1215 Faint hint of W tlc, occ mx. vy faint(Bolland)
- 4790 PERU R.Atlantida; 0031 SP ment of Regalos, Navidad & Lima by M. g(L.Wilkner 12/20) 0535 M/ann, Lam mx, ID 0558, clos ann, NA, 0601\*. (Mayer 1/7) 1000 M DJ, EG & SP pop/rock mx. (Murff 1/4)
- 4795 ECUADOR LV de los Caras; 0115 M w/nx, ID 0118. (Dickson 12/29) 0124 Live polit speech, ID 0130. f(Radcliff 12/19) 0220 Lam pops, tlc, ID. f(Lineback 12/11) 0241 Love songs, v/over TC, ID, nother song w/ID & freq. f(Bolland 12/23) 0523 On late w/N'Yrs px, mx w/vy few ann, 0543 EG ID. Still on 0700, gone 0715(Sparks 1/1)
- 4800 ECUADOR R.Popular; 0443 M voc mx, high flutes. f/g(Wilkner 1/1) 0530 Romantic ballads to 0600 ID & s/off ann, 0604\*. (Murff 1/19)
- \*4800 INDIA AIR Hyderabad; 0033 EG nx into HD 0035, lcl mx, sevl IDs. g w/Lara QRM (Vance-FRG 12/20) 1222 M w/tlc, time ticks on 1/2 hr, then W w/5 min EG mx, M in HD folls. f(Bolland 12/19) Same (Biller 12/19) Same (Crawford 12/25) 1315 Chanting foll by F/ann, flute mx. wk(Krause 1/9) 1427 Ind mx, lang ID, lcl nx. No EG at 1430. (Young 12/30)
- 4800 VENEZUELA R.Lara; 2242 OM singing slo Lam ballads, OM w/ID/TC 2243. g(Eastman 1/4) 0215 Sevl ID & pop mx. g(Alcorn 11/29)
- 4805 BRASIL R.Itatiaia; 0710 M/ann w/3 IDs in string, then accord mx. vg(Klein 1/10)
- 4805 BRASIL Rdfa.Amazonas; 0940 M/ann w/full ID, calls, QTH, frags, etc, to PT pop mx. vg, w/Itatiaia underneath(Klein 1/11) 0944 EZL Brz mx, OM w/ID & tlc(Murff)
- 4810 GALAPAGOS LV de Galapagos; 0208 OM w/SP tlc, into NA & off 0219\*.f(Crawford)
- 4810 PERU R.San Martin; 1007 M tlc over guitar mx, ID, ad, more mx. f(Bolland 12/11) 1037 M tlc, many IDs. (Wilkner 1/5)
- 4811 GABON Af.#1; 2225 Hx, FR ID by YL. vg(Dickson 12/29) \*0500 IS,F/ann w/FR s/on. g(Orekar 12/20) 0527 IDs, ads, nx, cnty. g(Lineback 12/31) 0540 Hx by OM, ID at end of rpt. (Hosmer 12/31)
- 4812.1T PAKISTAN Karachi; M & F voices in Urdu, poss ID 1400. Not //5095(Young)
- 4815 BRASIL R.Nal. Tabatinga; 0325 M DJ w/romantic mx px, ID 0327. (Murff 12/17) 0342 Ballads w/tlc by M, 0400 ID w/frags, bossa nova song to 0404\*. Strong, but UTE HJ off(Lazarus 12/12) \*1001 S/on w/opening theme, Bom Dia, full ID. g(Bolland)
- 4815 PERU R.Amazonas; 1110 M/voc Andes tune, OM/ann w/tlc, TC/ID, mx. f(Klein)
- 4815 UPPER VOLTA Ouagadougou; 2229 R px of tlc, mx, sevl ID. Severe UTE QRM, covered by Beijing 2300, p(Vance-FRG 12/26) 0530 Inst NA, wild tribal mx, lang tlc by M. Xint, tho splash off Af#1(Crawford 1/11) 0540 FR wake-up px, pop mx, ann, ID 0600 vg(WDX 12/31) 0615 Af style voc mx, M/ann in FR, more mx. f(Klein 12/31)
- 4819.6 ECUADOR R.Paz y Bien; 0938 M w/rel tlc foll by flute tune, TC. f(Bolland)
- 4820 HONDURAS LV Evangelica; 0150 EG Xmas carols by choir. faint(Fraser 12/20) 0350 EG rel px by OM to 0359 ID by W. (Cooper 12/27) 0412 EG rel px, recorded sermons & mx. (Pate 12/6)
- 4825 GUATEMALA R.Nam; 1315 M/ann w/pop mx px, many ID. (Krause 1/9) 1330 SP ID, Xmas mx, tlc. f(Lineback 12/19)
- 4825 TURKEMENIA Ashkhabad; 2145 RS tlc by M & YL, ID for RM by YL & off. No IS noted. f/UTE QRM. (Valko 12/7)
- 4830 VENEZUELA R.Tachira; 0330 OM/ann w/much chatter, Lam pops, IDs, ads, etc. g(Jordan 1/14) 1101 OM w/ID, tlc, ads, Lam pops. g(Hensley 1/8)

- 4832 COSTA RICA R.Relej; 1215 EZL vocals, ID 1215, nx. vg(Krause 12/26)
- 4835 BRASIL R.Nal. Boa Vista; 2333 PT mx, IDa. f/p(Vance-FRG 12/14) 0945 M/ann w/clk, RB & Nal IDs, canned ann, accord mx. vg(Klein 1/11)
- 4835 GUATEMALA R.Tezululcan; 0040 Marimba mx, ID 0100. g(Dickson 1/6) 0129 Lam mx, clk, prayer, rel mx. ID 0225\*. f(Michaud 12/13) 0155 Marimbas, ID, g as Relej not on. (Field 12/17) As Unid 1320 SP rel mx & clk. (Krause 1/9)
- 4835 SARAWAK RM Kuching; 1445 Lang vocals in lcl style. p(Lineback 1/1) 1530 Lcl pop vocals, to Koran chanting, freq info, NA, 1600\* (Sharpe 12/13)
- 4835 SOUTH AFRICA SABC; 2200 Class type mx, s/oef [when?] (Bainbridge 1/3) 0403 OM/ann w/cmty on farming, beef, etc, to 0430ID. f/p(Hensley 1/7)
- 4840 INDIA AIR Bombay; 0109 Px in Tamil, clk, lcl mx. IDed as "Akashvani Bombay...". 0135 f/out. f/p(Vance-FRG 12/17)
- \*4840 PERU R.Andahuaylas; 1030 Noted w/YL DJ battling it out w/Valera. Many TC w/IDs just as "Andahuaylas", native mx, nx 1031 w/mx betw items. By 1040 Valera dominated the channel. (Lobdell-NJ 12/29) 1037 Beautiful OA flutes & Andes mx, clk by YL w/ment Peru & Andahuaylas, some ment Andina. f/g/slight het(Valko 1/17)
- 4840 VENEZUELA R.Valera; 0340 Mx px, ads, etc, ID 0349. (Field 1/1)
- 4845 BOLIVIA R.Fides; 0136 Class mx, SP clk, chimbe 0200, ID. f(Howard 12/31)
- 4845 MAURITANIA Nouakchott; 0559 IS, AR ID by M, into presumed nx, foll by wailing & mx. (Cooper 10/12) 0630T AR chanting by OM, clk, poss ID, more mx. (Saunders)
- 4848 BOTSWANA Gaberone; 0409 Choral hymns w/no mx accomp, F/ann in lang betw sels, nice sig w/SRS splatter. (Florian 1/6) 0420 Lang worn svce, choir, ID 0430 (Sparks)
- 4850 CAMEROON Yaounde; 2105 EG px w/nx, spts, some mx. Sevl ID in EG & FR 2119. g w/quick fade(Valko 12/9) 2105 EG nx to 2114 FR. p/f(Pate 12/19) 2108 EG nx to mx 2117 foll by ID (Cooper 12/29) 0430 S/on under SRS, which was on to 0445\*. (Orekar)
- 4850 SURINAM SRS; 0200-0430\* Usual DT px, 0810-1000 Asian lang px. (10 rep)
- 4850 UZBEKISTAN Tashkent; 1145 Mx px, M & F/ann, flute mx past hr. g(Wilkner)
- 4851.3 ECUADOR R.Luz y Vida; 1028 In w/clk foll by ads, then one tune, foll by more ads for our listening pleasure! f(Bolland 12/16) 1048 SP ann, mx, vy strong!, IDa, lively mx, ann. (Young 1/1)
- 4853 YEMEN A.R. R.Sana's; 1945 AR px, ME mx, nx 2001 after ID, back to mx. f/g(Vance-FRG 12/12) 2055 AR clk by M & YL, prayers, mx, ID 2102. Still on after earthquake, 9780 not noted. (Valko 12/15) 0346 AR clk & mx, M w/ID 0403, //9780(Cucura)
- \*4855 MAURITIUS MBC; 1411 F voice in Ind lang, FR clk before 1420, poss nx. ID 1531. FR mx & singing, bad hat w/RII 4856 [Palembang] (Young 1/1) 1716 FR px, mx, nx 1730. EG ID 1759, covered by Mozambique \*1800. vy wk/USSR QRM(Vance-FRG)
- 4855 MOZAMBIQUE Maputo; 1802 EG px w/nx, mx, spts, NA, 1833\*. f/USSR QRM(Vance-FRG)
- 4860 INDIA AIR Delhi; 0127 IS, ID in lang, into poss nxcast. (Young 12/28) 1430 EG spts nx, 135 OC to 1443 AIR IS, ID 1445, EG px. wk(Howard 12/14)
- 4865 CHINA Ganau PBS; 2146 CH mx, exercise px 2151, CH ID 2200. g(Vance-FRG 12/12)
- 4865 COLOMBIA LV del Cinaruco; 0142 M w/SP ID, cmcls. f(L.Wilkner 12/16)
- 4865 MOZAMBIQUE Maputo; 0320 OM DJ w/PT/EG pop mx px. F/ann w/ID in pres SH. (Murff 12/20) We've not heard of them bectng in SH...some other vernac, maybe?—sdx
- 4870 BEHIN Cotonou; 2230 Lite pop mx sels, M w/ann 2255, NA, 2300\* (Krause 1/8) 0500 M w/FR clk, mx by kids chorus. g(Orekar 12/28) 0559 ID in FR by OM, freqs, ment of Cotonou, nx in lang. (Eastman 12/31)
- 4870T SRI LANKA SLBC; 1144 Slo inst mx w/bells, W w/As vocal 1148, continued As mx to 1153 then fade. Gud As morn(Wilkner 12/22)
- 4875 COLOMBIA R.Super; 0353 OM w/SP clk, slo LAM mx sels, many ID. f(Hensley)
- 4885T ANGOLA Bassacongo; 2158 PT clk by M/ann, drums 2200, more clk, then NA to 2204\* No ID and just too wk. (Valko 12/14)
- 4885 BRASIL R.C1. Para; 0810 Lively accord mx, M/ann, IDa, ads. (Murff) 0912 M w/PT sermon to hymn, sermon continues to 0923 ads, foll by mx. f(Bolland 12/19)
- \*4885 PERU R.Huancavelica; \*1100 S/on w/NA, 2 IDs by M w/ment of MW & SW freqs. f/slight NBC [PNG] bleed-over. (Valko 12/17)
- 4886 BRASIL Unid; 0044 Lively PT singing mx, many ann, some ads or jingles, freq IDs but not understood. (Young 1/1) Prob the above or Acreana, Jim—sdx
- 4887T BOLIVIA R.Santa Ana; 0025 Pulled from hat via ECUSB, wk w/rather nondescript mx, M&W in SP, on good Bol nite. (Crawford 12/23)
- 4890 ECUADOR R.Centinala del Sur; 0255 Lam pops, M & YL hosts, ID. wk(Valko 12/13) 0400 Final ID over piano solo, NA, 0405\*. nice(Sparks 1/5) 1134 Romantic Lam mx, ID by soft-voiced M/ann, foll by mx. f(Jones 12/22)
- 4890 PAPUA NEW GUINEA NBC; 0820-1340 Usual EG mx & clk px. (7 rep)
- 4895 BRASIL R.Bare; 0932 M w/PT clk, into ballads, sevl IDa. (Radcliff 12/23)
- 4895 SARAWAK RM Kuching; 1435 Lang vocals in western pop style. p(Lineback 1/1)
- 4899.3 JAVA RRI Surakarta; 1400 IN nx by OM, ID. f(Robertson 12/24)

A most interesting month, DXwise! A few random notes to finish off: You may be wondering about some of my more arcane abbreviations - FRG = Germany,W.; WDX = Mike Bolitho and friends at the Williamsford DXpedition; items within brackets[thusly] are comments by me. A big welcome to the newcomers to the column—keep it up! My thanks as always to the faithful, who keep us in business! Till next month, 3's & 7's, *DK*



# LOG REPORT

## section B

4900 to 6199 kHz

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

- 4900 ECUADOR LV de Saquisilí, strong 12-29 1115 (Valko); ID 1159 12-27 (Young).
- 4900 VENEZ R. Juventud, ID 0342 12-26, ID, NA, 0355\* (Purdum); 0130 1-2 (Sharpe-CA).
- 4910 VENEZ R. Carora, to 0400\* (Field-MI, D'Angelo-PA); strong 1100 1-10, ID 1104 (Sparks-CA)
- 4910 GABON Afr No. 1, NY Show 12-31 2300, pops, merriment (Florlan-IL).
- 4911 ZAMBIA Lusaka, strong \*0400 12-31, chorus, EG s/on amts (WDXP, see end of column); lang 0401 1-8, mx 0417 (Wilknor); EG nx 1800 12-12, vernac. ID 1813, poor (Vance-GFR).
- 4915 BRAZIL R. Anhangera, 0845-0905 12-27, ID, local ballads, amts (Alexander-PA).
- 4915 COLOMBIA Many reports of Emisora Armonías de Caqueta, Florencia, in general 1000-1130 slot, s/on sometimes before 1000, usually after (Lasarus-IA, Sparks-CA, Valko, Bolland-FL, Alexander-PA, Wilkins-CD, Klein-NJ, Field-MI, Jones-MS).
- 4915 GHANA Accra, 2110 1-1, in clear after Kenya 2112\* (Billor-NJ); to 2304\* 12-14 (D'Angelo-PA); relig. mx 0500-0530 1-2, EG nx 0600 (Pate); 0535 12-31 (Lineback-TX).
- 4915 KENYA Nairobi, fair-good 1-6 0410 with lang. talk (Wilknor); tent. Swahili 0530 1-6, Afr mx, HJ QRM (Sams-AK); tent., 1955 12-28, vernac. talk, het, 2000\* (Billor-NJ).
- 4920 AUSTRALIA ABC-Brisbane, 0830 (Alexander-PA); 0900 (Purdum); 1357 (Robertson-CA).
- 4920 INDIA AIR-Madras, Tamil 0050-0100 12-15, nx, mx, many IDs, fair-good (Vance-GFR).
- 4922 PERU Ondas del Titiaca, Puno, \*0951 12-29, but make it tent. On in mid-song, OA mx, amts. Strong 1004-1030, but poor readability and no ID hrd (Lasarus-LA); tent. 1030 1-1, huaynos, maybe ID but not certain due to power line noise and weak sig (Sparks-CA); OA mx, amts, 1045 12-28, but heavy het (Young).
- 4925 BRAZIL R. Dragaó do Mar, 0930 12-22, IDs, no sign of EJ at 1010 recheck (Radcliff-IL).
- 4925 COLOMBIA Ba. Meridiano 70, lively mx 0429 12-5, ID 0445, call-in prgm (Cucura); NA in progress \*0911, chimes, ID 12-20 (Mikell-IL); 1005-1026, TC, ID, mx 12-24 (Bolland-FL).
- 4930 GEORGIAN SSR Tbilisi, 0435 12-1, gal with continuous RS talk, Mayak IS 0459 recheck (Klein-NJ); tent., 0117 12-8, RS instrumentals, Mayak ID and IS 0129, 0159 (Valko).
- 4934 KENYA Nairobi, fair-good 2030 1-2, pops, pipe 2100, ID, nx, 2109 close, carrier remained (JB); 1-1, 2055, on late, mx till 2100 EG ID, nx, Xmas tune, 2109\* (Billor-NJ).
- 4935 PERU R. Tropical, 1022 12-21, fair, ada, IDs (Bolland-FL); brief ID 1050 1-5 (Wilknor); 1050 12-21, ad string, Xmas greetings and ID at 1102 (Sparks-CA); 1105 12-27 (Alexander-PA); vy weak, but ID and QTH noted at 1125 1-1 (Jordan).
- 4940 UKRAINIAN SSR Kiev, 0118 12-8 but gone 0155 recheck (Valko); play 0440 12-1 (Klein-NJ).
- 4945 COLOMBIA R. Colosal, LA instrumentals 0918 12-12, TCs, CARACOL ID 0930 (Purdum).
- 4950 CLANDESTINE Vos de Verdade, poor-fair 12-11, 0334-0400 (Michaud-QUE).
- 4950 PERU R. Madre de Dios, NA \*1058 12-20, pos. ID, lucky to get it; poor (Jones-MS); tent. 0100-0235\* 1-6, several tentative IDs, fair-poor, much fading (Wilknor).
- 4950 SARAWAK Kuching, EG nx 1432 1-1, into instrumentals, fair (Lineback-TX); 1520-1601 1-2, soap operas, IDs, romantic talk, pops, off after EG/Malay ID, NA (Sharpe-CA).
- 4955 PERU R. Cultural Amauta, orch. mx 1058 1-10, NA 1101, ID 1103, mx, talk, mostly gone by 1130 (JB); 12-29, NA \*1058, ID, low keyed talk, flute, weak and 1118 f/out (Lobdell-FL); 1102-1120 1-1 (Jordan); tent. 1040 12-25, Ind. lang prgm, Ind. mx (Sparks-CA).
- 4965 COLOMBIA R. Santa Fe, ID 2225 12-27 (Eastman); ID 0618 1-2 (Hosmer).
- 4970 ANGOLA ER da Cabinda, 2029-2100 12-13, local ID 2029, then R. Nacional prgm, some live w/ anncr shouting An-GO-IA, but didn't sound like sports; fair-poor (Vance-GFR).
- 4970 UNID. African, 0525 12-27, contin. Afr mx, YL amnt at 0530, but too much noise to determine language. Cabinda rptd here (Sparks-CA).
- 4975 CHINA Fujian PBS, Fushou, EbyR 1340 12-23, poor (Lineback-TX); 2240-2259 (Vance-GFR).
- 4975 COLOMBIA Ondas del Ortegausa, Florencia, 1015 on 12-21, nice sig with campo vocals and ID, but usual ute came on 1020 and wiped em out (Sparks-CA).
- 4980 VENEZ Ecos del Torbes, "LV del CID" prgm 0115-0143 12-17 (Jordan); exc 0521 on 12-25, most likely on late for Xmas, LA mx, talk between songs, mentions of Venes (Valko).
- 4981 AZAD KASHMIR AKR, poor 1610 12-16, Urdu or Kashmiri presumed, talks, local mx, clear ID 1636, wiped out by utes at 1703 (Vance-GFR).
- 4990 ARMENIAN SSR Yerevan, talk 0445 12-1, not // any others & did not seem RS (Klein-NJ).
- 4990 NIGERIA Lagos, prayer 2137 1-6, mx, ID and TC 2146, nx 2158 (Cooper); nx 0500 (Lineback-SOUTH AFRICA R. RSA, all EG 0409-0427 1-2 (Sparks-CA); 0428\* (Orekar). TX).
- 4991 BOLIVIA R. Animas, 0108-0240 1-1, ID, amts with echo, ballads, SP pops, strong but heavy het from 4990 (Young).
- 4996 ECUADOR R. Baha'1, 0224 12-11, much mx, occasional TC by gal, ID 0239, fair sig (Bolland-FL); 1-6, fairly good 0230, best ever hrd, and TV not on 4990 (Field-MI).

- 5004 EQUATORIAL GUINEA Bata, vy strong 2110 12-31, Xmas mx, also native mx. Male annrc, many mentions of Bata (Billier-NJ).
- 5005 NEPAL Hrd 0023-0127 12-29, too weak at s/on to catch IS. Indian flute mx, singing, amts at 0057, possible ID, talking (Young).
- 5005 SARAWAK Sibit, weak vocals at 1430 on 1-1, poor sig (Lineback-TX).
- 5010 CAMEROON Garoua, NY prgm 2353 12-31 (Florian-IL); EG mx 0530 12-30, ID 0536, main points 0540, into FR (Eastman); ID 0532 12-29, EG mx (Krist-WA); exo 0545 EG (Cooper).
- 5010 COLOMBIA R. Surcolombiana, fair with SP wx rpt 0018 12-17, full ID (Bolland-FL); LA mx 0536 12-19, poor w/QRM from utes (Chorossy-ME); ID 0400 12-4 (Alexander-PA); 0450 12-4, LA mx, ID, mx of Reagan visit, fair sig (Lineback-TX).
- 5014 ECUADOR Esc.Radiofonica Pop., mx, IDs, Vladivostok het, 1012-1136 12-30 (Young); 1013 12-24, IDs, HC and Xmas mx, but mostly talk (Alexander-PA); SP language lesson at 1100 12-28, interesting, and very good sig (Klein-NJ).
- 5015 PERU R. Moyobamba, SP ID 1055 12-27, many ads, OA mx (Alexander-PA).
- 5015 USSR Vladivostok, 1145 (Klein-NJ); 1215 (Wilknr); 1430 (Lineback-TX).
- 5015 UNID. On 12-21, part of NA caught at 0259\*, not hrd since, unless the one hrd 1-2 from 0405, mx, 0526\* with no NA (Field-MI).
- 5020 ALBANIA \*0400 1-6, anthem, ID, better than //5057 (Jones-MS); good with many vocals, 0432 1-5 (Florian-IL); folk mx 0435 12-8, IDs 0450, 0500, serious mx (Jordan).
- 5020 SOLOMON IS. Honiara, ID 1042 12-21, mx (Bolland-FL); NY greetings 1330 12-31, ID, on late, good sig (Lineback-TX); fair with telephone call-in prgm 1400 12-31 (Zilmer).
- 5020 SRI LANKA Colombo, mxtr key-up 2353 12-12, mx or ID sig 2355, drums 0000, pips, doorbell tone (Sams-AK).
- 5025 BRAZIL R. Borborema, ID 2358 12-27 (Vance-GFR); good 0234 12-10, Reloj splash (Valko).
- 5025 BRAZIL R. Vitoria, 0151 12-28 with PT mx, amts, full ID 0200; poor (Vance-GFR).
- 5025 ECUADOR R. Splendid, ID 0227 1-3, sev.mentions of Ecuador (Wilknr); sev.IDs 0340 1-6, good sig (Field-MI); ballads, commercials, IDs, 0352 1-6 (Jones-MS).
- 5025 PERU R. Quillabamba, \*1030 12-10, NA, ID, talk (Sparks-CA); flutes 1052 12-21, mx at 1100, poor, make it tent. (no ID) (Bolland-FL); Andean mx 1102 1-3 (Klein-NJ).
- 5027 BRAZIL R.Jornal Transamazônica, 0026-0133, ads, not much mx, het, weak, 12-28 (Young).
- 5027 UGANDA Kampala, strong at 0415 on 1-2, EG mx, mx (Dickson).
- 5030 SARAWAK Kuching, C&W mx, 1425 1-1, lang.amts, fair sig (Lineback-TX).
- 5030 VEHEZ R. Continente, soccer 0003 12-17 (Bolland-FL); mx, amts, 0400 12-7 (Witzig).
- 5035 PERU R. Inagen, \*1002 1-14, silent till prgram started 1016, no ID till 1034 (JB); ID 1050 12-28, LA mx (Klein-NJ); weak 1055 12-23 (Sparks-CA); ID 1115 1-3 (Wilknr).
- 5035 KAZAKH SSR Alma Ata, M&W talking 1138 12-15, some mx, fair-good (Wilknr).
- 5037 CENT.AFR.REP. Bangui, FR 0515 1-4, a little off fuy, back to 5035 at 0518 (Sams-AK).
- 5040 BURMA Rangoon, weak but clear 1225 1-2, odd mx, possible mx 1230, //5985 at 1230 (Billier-NJ); also odd mx, 1330 1-3, pips 1400, poor sig (Robertson-CA).
- 5040 COLOMBIA R. Cincio, ID 0600 12-31, good (Lineback-TX); IDs, amts, 0715 1-1 (Alexander-PA).
- 5040.5 ANGOLA ER de Benguela, group singing, drums, 0445 1-6, 5040 LA gone 0457. PA). R.Nac vibraphone IS 0459 as picked up RM relay; //11955 0500 w/mx, 0510 peak (Sams-AK).
- 5045 BRAZIL R.Cult. do Pará, good 0203 12-11, soccer, full ID, TC, fuy 0230 (Chorossy-ME).
- 5045 PERU R. Rioja, ID 0504 1-1 (Wilknr); ditto, ID, NA, 0510\* (Sparks-CA).
- 5047 TOGO Lome, from 2059 many days, to 0004\*, low audio, chimes, ID, NA at s/off (Potter-ONF); IS 0527, ID, chorus, 12-28 (Orekar); FR vocals 0545 12-31, good (Lineback-TX).
- 5050 ECUADOR R. Jesús del Gran Poder, 1100 12-28, ID, mx, chimes (Chorossy-ME).
- 5050 TANZANIA Dar es Salaam, Afr mx 0314 1-6, ID 0330 (Wilknr); ditto, drums 0359, 0400 mx (Florian-IL); EG mx 1539 1-1, cstry, ID 1559, US folk mx, faded by 1621 (Young).
- 5052 SINGAPORE EG mx 1500 on 12-30, fair sig, //11940 (Zilmer).
- 5055 COSTA RICA TIFC, in SP 0200 1-6 (Field-MI); EG 0324 12-14, ID/fqys 0330 (Purdum).
- 5056 INDONESIA RRI-Nabire, 1114-1128 12-24, Indo pops and talk, hvv TIFC QRM (Young).
- 5060 CHINA Xinjiang PBS, Urumqi, Mongolian prgm 0126-0151 1-1, //4220 (Young).
- 5065 USSR Petrosavodsk, RS annrc 1210 12-12, stronger on //4780 (Billier-NJ).
- 5095 COLOMBIA R. Sutatenza, 0130-0230 slot (Fraser-MA, Dickson, Sharpe-CA, Wilknr, Washburn).
- 5095 PAKISTAN Islamabad, 1258-1421 12-31, ID, mx, chants, strong at 1400 ID (Young).
- 5106 CLANDESTINE LV del CID, "Musica Libre" arnd 0140 (Chorossy-ME, Wilnrc); to 0332\* on 12-24 (Hardester-NC), 0340\* 1-5 (Florian-IL).
- 5112 PERU R. Eco, OA mx 1017, Pepsi ad, TCs, IDs, strong but some RTTY; 12-29 (Young).
- 5137 CHINA Peking presumed, 1048-1055\* 1-8, possibly same as 5151 in Jan LR-CC mx, talks, short chime IS, in RS; RS and IS also on 6345 and 6560, all 3 jammed (Lucas-CA).
- 5145 CHINA Peking, \*1000-1055\* 12-16, IS, s/on in RS, switches fuy abruptly (Wilkins-CO); mx and RS IDs, 1135-1140 on 12-14 (Klein-NJ).
- 5170 CHINA PLA-2, seeming mx at 1004 12-19, gal talking 1008; //7025 (Bolland-FL).
- 5240 CHINA PLA-1, 1013 12-19, man talking, //5900; fair sig (Bolland-FL).
- 5265 CHINA PLA-1, 1018 12-19, CC gal, //5900, 5240, also fair here (Bolland-FL).
- 5360 PERU R. Vision, 0215-0235, Cuban mx, no ID hrd, but ments.Tarapoto and TCs 2-3 mins fast, 12-22; also 12-24, 0330-0349\*, ID 0344, mentioning Depto. de San Martin, OA NA, and off; tnx to Ralph Perry for tip (Lasarus-LA); also hrd 12-22, NA 1059, two vocals 1102, ID 1107, into mx-and-TC format, 1130 fade; originally thought to be in Tarapoto, but lately Juanjui seems to be hrd as site, acc. to others (JB).
- 5617 PERU R. Ilucan, on 1107 1-1, huayno, ID 1115, noticias, mensajes, 1150 fade (Sparks-CA); tent. 1110 1-1, talk, OA flutes, 1124 fade and not hrd since (Sams-AK).
- 5800 CHINA Xinjiang PBS, Urumqi, 0116-0153 1-1, vy strong and clear, //4735 (Young).

- 5825 CLANDESTINE LV de Sandino, 1133 1-6, IDs, revol.talk, exc sig; 5845, good at 0043, 1-7 (both Wilkner); 5864a, 0435 1-7, vy strong, little QRM, no jamming (Radcliff-IL).
- 5920 USSR RM, Omaha maybe, EG ID 1951 12-28 (Purdum); EG sports 2210 1-1 (Dickson).
- 5935 LATVIAN SSR Riga, 2149 12-21 under het, M&W talking, mx, best in LSB (Wilkner).
- 5945 AUSTRIA Vienna, EG and GG IDs 0055 12-29, into waltzes (Orekar); EG \*0129-0154\* 12-10, "Austria Calling," "Rpt frm Austria" (Krist-VA); Xmas prgm 0130 12-25 (Fraser-MA); various EG segments 0145-0200, 12-10, good sig (Sobkoviak-IL).
- 5950 GUYANA CBC, Xmas mx 0605 12-25, call ins, EG, fair sig (Lineback-TX); 0751 12-10, ID, "Early Bird Show", local mx, dedications, TC and ID 0813 (Cooper).
- 5954 COSTA RICA R. Casino, vy strong and clear, 1125 12-5, LA mx, PSAs, ads (Klein-NJ).
- 5955 NICARAGUA LV de Nicaragua, in SP 0127 12-11 (Chorossy-ME); EG hrd by many as follows: 0217-0230 (Dickson), 0215 (Cucura), to 0235 (Lucas-CA), 0312-0323 (Jordan), 0500-0515 (Orekar); EG nx is on hr and half hr, to 0600\* (Gundersen).
- 5960 CANADA RCI, EG 2300-0000 (Weinhold), 0000 (Krist-VA), 0100-0130 (Dill), 0400-0430 (Dill).
- 5960 MALTA R. Mediterranean is back, test xmas hrd 2149 1-15, good but mixing (Dill). with RM after 2200; lengthy ID annts in EG, AR, FR, saying regular prgms to start on 1-18 as follows: EG 1800-1900, AR 2130-2230, FR 2230-2330. Rpts to Box 2, Valetta(JB).
- 5960 W. GERMANY DW, EG 0500-0550 1-3, NA Svc, prgms on art, choir mx, train svc (Dill); good with nx 0500 12-28 (Orekar); and agn 0515 1-6, press rvw, mx (Dill).
- 5965 BRAZIL R. Guaiba, mx 0855 12-11, ads, ID 0859, xmas break 0903-0908 (Wilkins-CO).
- 5965 MALAYSIA Kuala Lumpur, Malay 1605-1640, pop mx, comms or similar, 1630 ID, nx(Sharpe-NJ).
- 5965 NIGERIA Jos, 2235-2305\*, EG, western mx, nx 2300, s/off w/pledges, NA(Vance-GFR). CA).
- 5975 CHINA Peking, Korean 1120, local mx, gal anncr, 12-5 (Klein-NJ).
- 5975 ENGLAND HBC WS, EG at 2500 12-20, 0000 12-10 (Krist-VA); 0315 12-20 (Washburn).
- 5980 SERRA LEONE Freetown, nx 2310 12-31, UN speech, good sig w/splatter (Florian-IL); disco 0624 12-12, clas.mx, ID 0635, fair (Michaud-QUE); lang to 0700 12-12, TC, EG ID, nx, WYFR-5985 QRM (Hardester-NC); EG nx 0700 12-10, ID 0712 (Cooper).
- 5985 BURMA Rangoon, in the clear after Tashkent s/off 1230, 1-2, possible nx, gal anncr, 775040 (Billier-NJ); EG 1545-1600 12-31, US tunes, final ID, NA, 1600\* (Orekar).
- 5985 USA Voice of Free China over WYFR, \*0300 12-30, contest rules, nx, "Let's Learn CH", all EG (Krist-VA); requesting rpts 0315 12-15 (Purdum); prgm on CH culture, 0335 12-21, mx, exc rcpn (Piaper); cntry, mx, ID, good sig, 0640 on 1-6 (Barta).
- 5985 UZBEK SSR R. Tashkent, IS \*1200 12-17, nx, features, this is best fgy; EG (Wilkins-CO).
- 5995 AUSTRALIA RA, Bing Crosby Xmas mx at 1030 on 12-24, EG match (Bainbridge).
- 5995 CANADA RCI, FR at 2254-2259 12-10, interview, ID, relay of natl svc (Michaud-QUE).
- 5995 USA VOA, EG at 0130 (Dill, Krist-VA), 0235-0400 (Bonnet-IN), 0420 (Dill).
- 6000 HONDURAS R. Variedades over Eco de Honduras, San Pedro Sula, 0330 on 12-24, talk, ID, mx, fair sig (Lineback-TX); 0345 12-9, light instr.mx, Variedades IDs after every song, s/off annt, NA to 0358\*, QRM'd from all sides (Valko); 1100 on 12-24, ID, maybe dedications, ranchera vocals, powerful, completely overpowering usually dominant CH (Sparks-CA); ID 1204 12-22, SW fgy, plugs for Cadena Z, ranchera mx (Jones-MS).
- 6005 CANADA CFCX-Montreal, EG nx at 1700, 1-1 (Washburn).
- 6005 ENGLAND BBC WS, EG at 0000 12-30, World Mx, Nx Abt Britain, Bleak House, etc.(Krist-S. YEMEN
- 6005 USA A&S, AR mx in the clear 1450 1-5, ID per WYFR at 1500, best sig for VA, this fgy (Sams-AK) (a little late, no? JB) Tent. them, 0335-0355 12-31, seemed like nx, instr.mx 0346, talks (Jordan).
- 6010 VENEZ "R. Mil Cuarenta" showing again, hrd several times lately. Carrier on before 0950 1-9, opened 1012 with NA, ID, LA mx with many "R. M-C" promos but no other talking. Opening ID tough to get, but sig much better in 1030-1100 slot. On earlier loc also hrd seldom used "R. Los Andes" slogan (JB).
- 6015 BRAZIL Tent. R. Cl. de Pernambuco, mx 0900 12-12, lengthy talks, seeming ID at 0915; vy poor, fading in and out (Jordan).
- 6015 NORWAY Oslo, IS weak at 0958 on 1-9, EG nx 1000; also hrd on later dates (JB).
- 6020 CUBA Havana, EG ID 0658 12-12, dead air till mx started 0705 (Hosmer).
- 6025 BOLIVIA R. Illimani, 1012 1-5, flute and vocal mx, many IDs; poor (Chorossy-ME).
- 6025 PORTUGAL Lisbon, EG nx 0300 12-20, talk abt cooking (Dickson); 12-5, EG nx 0310, wx, etc. (Alcorn).
- 6030 USA AFRTS, EG, various programming, 0145, 0325 (Dill), 0204 (Krist-VA).
- 6030 W. GERMANY Presumed Sueddeutscher Rundfunk, Xmas greetings 12-23 at 0730, folk mx (Radcliff-IL).
- 6035 AUSTRALIA RA, light classics 1642 1-2, talk abt zoo (Purdum); pops 1710 cliff-IL). 1-1, still in at 1900 recheck, 5995, 6080 not as good; unusual time to hear (WDK).
- 6035 BRAZIL R. Globo, telephone chats with listeners, 2304 12-19, some Brazilian pops, IDs; fair sig, and //11805 also noted (D'Angelo-PA).
- 6040 W. GERMANY DW, EG 0118 12-27, "Arts on the Air" (Nelson).
- 6045 AUSTRALIA RA, sports roundup 1130 12-18 (Bainbridge).
- 6045 BRAZIL R. Cl. Paranaense, mx prgm 0025 12-23, vy weak (Field-MI).
- 6050 ISRAEL Kol Israel, Yiddish mx 0101 12-11, full ID sounded like SP or PT (Chorossy-ME).
- 6050 NIGERIA Ibadan, \*0430-0500 12-9, drum IS, EG ID, prgm rvw, devotional, Koran, TC/ID 0500 (Vance-GFR); 2059 1-6, TC, ID, nx, buried by BBC co-channel (Florian-IL).
- 6055 CZECHOSLAVAKIA Prague, FR 2031 12-15, nx, many IDs, Kuwait and Rwanda hunters take note (Valko); EG 0030-0055, nx, piano mx (Krist-VA).
- 6065 SWEDEN Stockholm, IS \*2129 1-6, Swedish nx, fair sig (Florian-IL).
- 6070 CANADA CFRX-Toronto, mx 1712 1-1 (Washburn); fair 12-5 1725, pops, ads, ID(Mayer-PA).

- 6075 COSTA RICA R. Rumbo, pops, ads, 1112-1130 12-29, ID 1129, good but lost to HCJB
- 6080 CHILE R. Patagonia Chilena, 2-tone IS, guitar strumming, \*0930, full ID, (Chorossy-ME). low keyed vocals, joined R. Mac nx 0936, poor, hvy USSR OC QRM after 0937(Lobdell-MJ).
- 6085 W. GERMANY DW, 0130-0150 EG 1-1 (Dill); GM nx 0500 on 12-21 (Washburn).
- 6085 W. GERMANY Bayerischer Rundfunk, pops 0753 12-23, ID 0759, GM nx (Radcliff-IL); ID 0800 1-1, TC, gong, another ID (Sms-AK).
- 6090 LUXEMBOURG R. Lux, EG "Topal" ad 0049 12-11, pops, fair w/hvy hum (Chorossy-ME).
- 6095 ECUADOR HCJB, good-very good 0530 1-2 w/EG "What In the World" prgm (Mayer-PA).
- 6096 PERU R. Mac. del Peru, hmaynos 1056 12-28, ID 1100, TC 1101, fair but squeezed by HCJB-6095 (Lobdell-MJ); ID 1125 12-27, TC, OA mx (Jones-MS); 1-8 at 1145, national nx, ID 1200, vvy heavy QRM and het (Sparks-CA).
- 6100 MALAYSIA Kuala Lumpur, \*1258-1320 12-17, chime IS, YL, Thai vocals (Wilkins-CO).
- 6100 NIGERIA Maiduguri, EG ID \*0400 12-31, NA, pledge, vernac., cov. by DW 0415 (Vance-GFR).
- 6100 VENEZ YVTO time sig stn, voice ID at 52 seconds, good sig (Sobkoviak-IL).
- 6105 BOLIVIA R. Panamericana, 1105 w/"Bolivia en Antena" 1-2, talk, nx; full ID 1130, with fqs (WDX).
- 6105 MEXICO Su Pantera, 1223-1255 12-17, IDs, TCs, growls, poor w/hvy QSB (Chorossy-ME); ID 1710 1-1, rock and soul, fair (Lineback-TX); EG disco mx 2121 1-4, TCs, IDs (Eastman).
- 6105.7 UNID. 2340-0100 12-24, latin, disco mx, many armts but no readable ID; s/off or faded out at 0100; all SP (Potter-OHT).
- 6110 CHINA Peking, CPBS 1st prgm, mix of soft CH mx, M&W talking, 1-1 (Jordan).
- 6115 COLOMBIA LV del Llano, good w/talks 0520 12-12, crowd noises, maybe sports; IDs, promos (Jordan); vocals, ID, good 0545 12-19 (Lineback-TX); fast LA mx 0839 12-5 (Cucura); 1115 12-15, many IDs, Colombian mx, fair with slight het (Chorossy-ME).
- 6120 ARGENTINA R. El Mundo, talking 12-16, ID 0504, then mx (Field-MI).
- 6120 CANADA BBC, all EG; World Rx, 0008 12-10 (Krist-VA); photo contest 0135, short stories 0145 1-6 (Dill); "World Today" 0325 (Nelson).
- 6120 NICARAGUA R. Zinica, hrd at 1130 1-9 check, after quite an absence (JB).
- 6129 VENEZ R. Valles del Tuy, 2234 12-14, talk, ments. of Venezuela and khs., LA mx, ads, echo armts, ID, off suddenly 2257\*. SSB helped on terrible het (Valko).
- 6130 CANADA CHXK-Halifax, 1424 (Chorossy-ME), 1720 (Washburn), 2315 (Mayer-PA).
- 6130 USA VOA, EG, 0036 12-10 (Krist-VA), 0110-0130 1-3 (Bonnat-IN).
- 6135 CHILE R. Univ. de Concepción, IS \*1000, full ID, fqs, calls, etc. by OM, fair sig, noted while passing by on 12-28 (Lobdell-MJ).
- 6135 SWITZERLAND SRI, EG hrd \*0144 12-7 (Krist-VA), 0200 (Dill); IT 0345 (Dickson).
- 6135 TAIPEI Peapete, nice to hear this old friend in FR, w/island mx, 0815 on 1-9 (JB).
- 6140 E. GERMANY RFI, IS \*1859 1-4, s/on in PT to C. Africa; nx (Florian-IL).
- 6145 NIGERIA Calabar, Afr vocals 2118 1-6, poss. relig. talk, all EG; killed by DW s/on 2125
- 6145 USA WRNO-New Orleans, EG ID 1015 12-12, St. Jude relig. prgm (Purdum). (Florian-IL).
- 6145 W. GERMANY DW, EG \*0100 12-21 and 12-29, "Microphone on Europe" (Krist-VA).
- 6155 ROUMANIA Bucharest, EG nx 0410 1-2, catry, ID 0412; no WRMO (Hosmer).
- 6155 USA WRNO-New Orleans, 0225, rock mx, EEB ad, "World of Radio," etc. (Krist-VA, Nelson).
- 6160 CANADA CKZN-St. John's, 1-8, pops, wx, "CBC St. J." ID 1040, nice sig for 1st logging of this one this season (Sparks-CA); 7110 TC 1040 12-27, nx, sports, wx, a rare visitor here (Jones-MS); nx, good 1100-1130 (Wilknor); 7154 TC 1124 1-3, interview, CBC nx 1130, very good level (Radcliff-IL).
- 6160 CANADA CKZU-Vancouver, end of CBC prgm, IDs for CBU & CKZU, NA, 0904\* 12-8 (Wilkins-CO).
- 6160 W. GERMANY VOA-Munich, jass 2036 12-28, ID 2058, Csech (Purdum).
- 6165 BONATRE RN, EG \*0230-0321\*, current affairs, nx, Media Network, etc; exc 12-10 (Krist).
- 6165 MEXICO LV de la América Latina, rock and roll 1700 1-1, poor sig (Lineback-TX).
- 6165 SWITZERLAND SRI, in IT 0746-0800 12-18, interview, mx, ID 0800 in IT and FR (Michaud-QU).
- 6170 FRENCH GUIANA Cayenne, 1018-1032 12-8, man talking to 1028, some mx with talkover by gal; ID 1028, but not easily understood; good sig (Bolland-FL).
- 6175 ARGENTINA BBC, hrd in EG 2240-2300 (Dill), 0058 (Krist), 0259 (Pieper), 0400 (Vance-GFR).
- 6178 ARGENTINA R. Nacional, weak at 0810 12-25, EZ latng mx, foy 0810 (Sms-AK).
- 6180 VENEZUELA R. Turismo, fair-good 1023-1043 1-1, mx, machine gun speed talking (Jordan).
- 6185 BRAZIL R. Bandeirantes, talk 0721 on 12-18, Brazilian mx, ID 0731, fair sig (Michaud-QUE); strange version of "Silent Night" 0813 12-19, ad string, vvy poor (Mikell-IL).
- 6185 LIBYA Seemingly AR 0608-0630 12-8, lengthy monotone, AR vocals, very poor (Jordan).
- 6185 MEXICO R. Educacion, diversified mx program 0143 12-15, opera to ME flute solos with chants, ID and nx at 0200, listened to 0211 (Florian-IL); tent. this one 1-1 at 1045-1100, gal anncr, seeming ID 1047, ranchera mx, ballads, very poor (Jordan).
- 6185 NORWAY Oslo, IS, ID, sked in EG and Norwegian, 0358 12-24, fair overall (Michaud-QUE).
- 6189 PERU R. Oriente, OA anthem \*1103 12-28, "The Sting," ID with fqs, calls, then mx to 1130 fade out, better than in MA (Lobdell-NJ); 1105-1130 12-31, good strength, starting to fade at 1125; s/on arnd 1100, as not there at 1055 check (WDX).
- 6190 W. GERMANY Vy tent. R. Bremen, 0750 12-19, polkas, seeming IS, nx, no ID (Hardester-NC).
- 6195 ANTIGUA BBC, 0856-0909 12-21, bow bells, ID, Big Ben, world nx, vvy good (Halsema).
- 6195 BRAZIL R. Capital, anncg as such, fairly good 0915 1-16, pops, full ID 0934 (JB).
- 6195 CANADA CBC NQ Svc, 0555-0607\* 12-8, nx, ID 0600, sports, wx, NA (Jordan).
- 6195 ENGLAND BBC, EG with religious prgm, 2045 12-5, ID, TC (Mayer-PA).
- 6195 PERU R. Cuzco, 1025 12-29, ID, OA vocals, in the clear (Valko).

+++ WDX=Williamsford, Ont. IXpedition, 12/31-1/2, Mike Bolitho, Paul Routenburg and Niel Wolfish using 1-o-n-g, 1-o-n-g wires. +++ See you in March, 73

# LOG REPORT

## section D

11700 to 17699 kHz

Editor: Steve Wiseblood, 1340 Junipero Ave., Apt. 4, Long Beach, CA 90804

- 11700 DOMINICAN REPUBLIC R Clarin: \*1630-0205 NA, SP/EG ID's, fcy annts  
The "CID" pgs is played throughout the day, otherwise Lam mx & SP nx  
w "Clarín" ID's (10 reporters). Tnx to you all! -ScW
- 11705 SWEDEN RSI: 2300-2328\* EG "Nordic mx", "Weekday" pgs.; "Sweden Calling  
DXers" G (Krist, Mayer-PA, Weinhold). 0135 SP "Boletín DX" (Illa-FL)  
0230-0300 EG ID, unintelligible. VP (Dill 1/6)
- 11710 ARGENTINA RAE: 0057-0445 SP to 0100, then EG nx, sports & letterbox pgs.  
FR ID & address noted 0353, EG annts @ 0445. VG (6 reporters).
- 11715 SWITZERLAND RSI: 0430 "Swiss Short-Wave Merry-Go-Round" EG (Alcorn).  
GM tkl by M @ 0530 (Reed 12/27).
- 11725 AUSTRALIA RA: 1801 EG M w/World & Pac. nx; Rpt on the Asian Games (Lucas)  
11730 SOUTH AFRICA R RSA: 0200-0256\* EG "Media Review", "Conversation Corner  
"P.O. Box 4559", news in brief. VG (Bonnet-IN, Dill, Krist-VA).
- 11746 IRAQ Baghdad: 0535-0600 AR mx, ID as "Idhaat sowt al-Jashari ya. . .  
Baghdad" (Sams-ARK 1/6).
- 11755 ARGENTINA R El Mundo: 0723 Ballads, SP ID's, nx @ 0700 (Cucara-PA).
- 11760 CYPRUS BBC: 0640-0659 EG M ancr w/disco-rock mx pgs; ID. (Michand-GJE)
- 11770 NIGERIA VoM: 1930 end EG Xmas pgs, ID & S/off (Orekar 12/27).
- 11770 TURKEY RT: 0625 TK'tk by W, lcl mx (Reed 12/28).
- 11770 PORTUGAL Gloria-RFE: 2100 ID, HG nx (Barta 12/25).
- 11770 MEXICO RMI: 0130-0140 EG tkl on a fiesta; SP nx. F (Sobkoviak-IL 12/17)  
0315-0330 SP pgs of regional mx, ID @ 0320, then more nx (R Dickson)
- 11775 PORTUGAL RdP: \*2000-2051 IS, Bells, NA, GM to 2030, then EG (Mayer).
- 11780 BRASIL RSB: \*1617-1655 Brazilian mx and much laughter! G (Robinson).
- 11785 UZBEK SSR Taahomat: \*1200-1228\* EG nx, USSR conference details (Krist).
- 11790 INDONESIA Vol: 1410-1455 EG mx, ID's & fcy annts; Indc pop mx, instr.  
mx; Listeners Letterbox pgs; VG but a bit distorted (Cobb-ME 12/12).
- 11800 SRI LANKA SLBC: \*1745-1815 ID, EG W w/mx; M ancr in lang. w/lcl mx  
Good signal, but almost lost to RAI S/on (Cobb-ME 12/17).
- 11805 BRASIL R Globo: 0020-0038 PT live phone-in show, ID, ads (D'Angelo)
- 11810 SEYCHELLES FEBA: 0400-0415 IS, ID, fcy, EG religious play. P (Cooper).
- 11810 SOUTH KOREA RK: 0615 EG W w/annts, cntry (Reed 12/28).
- 11815 LIBYA R "Jashariyah": 2230-2245 EG tkl abt Arab Scientists, tkl of  
Mosques in Damascus; ID; AR mx. G (Valco 12/20, Weinhold 12/20). 2300-  
2345 Wld nx, ID by W; AR mx, revolutionary tkl (Hakimzeshad 1/6).
- 11815 POLAND Polonia R: 0300-0325 EG tkl of USSR; unintelligible (Dickson).
- 11818 MOZAMBIQUE RM: 0350-0425 PT exercise pgs, ID @ 0355; US/disco mx.  
4-gongs & ID @ 0400. Good (Florian-IL 1/5).
- 11825 TAHITI Papeete: 0545-0904 Polynesian vocals, TT tkl @ 0600 by W, then  
FR tkl by M. FR S/off annts @ 0904. VG (Sharpe-CA 12/13, Reed 1/3).
- 11830 SOUTH KOREA RK: 1602 EG W w/World developments. G (Grenier 1/4).
- 11835 URUGUAY El Espectador: 1006 SP nx, wx, many ads, full ID. F (Wilkins).
- 11855 SAUDI ARABIA BSKSA: 1906-1957 EG M ancr & US Disco mx. (Briseo-Pardus)
- 11860 ASIATIC REFSR Krasnoyarsk-RWWS relay: 1800 ID, EG pgs. VG (Mayer-PK).
- 11880 SPAIN SFR: 0000 EG "Panorama" VG (Sobkoviak-IL) 0100 EG. Xlnt (Fraser).
- 11890 EAST GERMANY RBEI @ 0330-0409\* EG mx, cntry, "Peace Report", "Dateline  
Berlin"; "Something to Write Home About". F (Krist-VA 12/26).
- 11895 SEYCHELLES FEBA: 1530 EG "Back to the Bible". F (Zilmer 12/29).
- 11900 SAIPAN KYOI: 0915-1013 US Rock mx, EG M ancr "All Mx Radio-24hrs a day"  
"This is the Super-Rock, KYOI, K-Y-O-I Saipan"; Several GRM de R. Moscow  
World Svce.; At 1500 moves to 9670. P-F (6 reporters).
- 11900 SOUTH AFRICA R RSA: 2120-2140 EG "Let's Speak Afrikaans". G (Cobb)
- 11905 AUSTRALIA RA: \*2159 IS, EG ID by M, into VT to SEAS. F (Mayer-PA 12/27)
- 11910 SWAZILAND TWR: 1628 IS, EG ID's (Sams-ARK 1/5).
- 11920 IVORY COAST RdF: 1915 P u/WYFR w/rapid tkl by M in lang, vocal Afro  
mx. QRM de unID AR stn -Jordan? (Jordan 12/31).
- 11925 BRASIL R Bandeirantes: 0300 PT annts, US pop song (Muehberg-ME).
- 11925 PORTUGAL RBE: \*0254-0324\* PT instr. mx, into EG mx @ 0300, EG pgs  
featuring a tour of a monastery. PT gas prices highest in Europe. Tkl  
on PT Xmas traditions. Good signal (Robinson 1/6, Dill 1/5, Krist-VA).
- 11930 HOLLAND R Nederlands: 1350 EG nx, ID, "News Line" (Hakimzeshad 1/5)

- 11938 KAMPUCHEA VoPK: 1201-1204 EG nx & cmntry; ID lite mx (Cucara-PA).
- 11940 GABON Afr #1: 1938-2003 FR pop mx, FR ads, amnts (Purdum,Michaud-QUE).
- 11950 SOUTH AFRICA R RSA: 0100-0157\* EG New Years Call-in pgm. G (Mayer-PA).
- 11955 PHILIPPINES R Veritas-Asia: 1430-1500 EG "Radio Sports Roundup", ID & EG nx @ 1455; into possible VT @ 1500 (Meyer-WI 8/1).
- 11955 UK BBC: 0400 EG M w/nx (Washburn).
- 11960 NEW ZEALAND RNZ: 0729-0745 EG ID, nx, wx, special prayer for the new year, into a radio play (Cooper 12/31).
- 11960 MALI RdFM: 1650 Afro mx, FR tlk w/mention of Mali (Sams-ARK 1/5).
- 11965 USA WRNO-Worldwide: 0030-0200 EG "CBS nx"; rock mx & EG amnts, ads, relay of FM-100. Xlnt (Mayer-PA 12/29, Krist-VA 12/26, Weinhold 12/15)
- 11990 CZECHOSLOVAKIA R Prague: 0315 EG cmntry on Reagan's trip (Alcorn).
- 12000 EGYPT Cairo: \*0200-0230 EG "Tourism in Egypt", nx (Alcorn,Krist-VA).
- 12010 EUROPEAN RFSER Serpukhov-RMWS: 1415 EG tlk on racism in the US(Dickson).
- 12015 AUSTRIA RA: 1500 EG nx, cmntry, lcl mx. G //15295, 11855 (Zilmer 12/30).
- 12645 CLANDESTINE Voice of the Libyan People: 2000 u/Jammer at times (Wilknor)
- 13570 UNID 0935-1002\* live Middle-Eastern pop mx, AR type amnts; into AR chants at 0950. Not heard since (Sams-ARK 1/1).
- 13797 ICELAND ISBS: 1830-1905 M w/speech in IC, ID @ 1840 followed by a religious svce.; 10-note IS on deep chimes repeated 5-times (Jordan 12/31)
- 14579 GABON Afr #1: 0600 Afro mx, FR W w/ID; //4811 but this doesn't work out for a harmonic (Sams-ARK 12/23).
- 15045 GRENADA RG: 2150-2320 EG "Powerline", "World of Jazz", ads, sports, TC's, caribbean mx, EG nx by M @ 2320, several ID's ((6 reporters).
- 15070 UK BBC: 1731-2349 EG film review, sports, ID, Wld nx, F (4 reporters).
- 15084 IRAN VoIRI: 1600 FS tlk by M, many mentions of Tehran (Hosmer 12/11).
- 15105 GRENADA MR: 1952 EG amnts of lcl dances & community events (Purdum).
- 15105 MOROCCO RTWV: 2009-2045 AR "Huzna Rabat" & AR mx, //17710 (Chorazy-ME)
- 15115 AUSTRALIA RA: 0754-0826 EG ARDXC rpt "Spectrum"; wx, pop mx, EG nx @ 0800; G //9570 (Bainbridge 12/30, D'Angela 12/19).
- 15120 NIGERIA VoM: 1630-1700 EG Wld nx by W, ID; Afro tribal mx (Hakimneshad). \*2100-2156 IS, ID, EG nx by M, pgm on Nigerian events. G (& reporters)
- 15120 CHINA R Peking: 0123-0130 EG tlk abt religion in China. G (Mayer-PA). \*0200-0256\* EG ID, EG mx, rebroadcast of Beijing New Year pgm (Cucara 1/3)
- 15125 TURKEY VoT: 1415-1430 EG nx, ID. F (Lineback 12/23).
- 15125 VATICAN STATE VR: 1500 EG to SEAs, to /out 1523 (Hakimneshad 1/5).
- 15135 WEST GERMANY DW: 1500-1600 EG nx, ID, GW pop mx. G (Hakimneshad 1/2).
- 15140 CHILE VoC: 0245 SP nx by M, several ID's (Richard Dickson 12/29).
- 15165 DENMARK RD: \*1725-1802\* DN S/on amnts, EG/DN ID's, into DN pgm. F (Pate).
- 15170 TAHITI Papeete: 0400-0430 ID by W; TT tlk by W, Polynesian mx (Hakimneshad)
- 15190 BRAZIL R Inconfidencia: 0225-0301\* PT M w/fgy amnts, ID, lite Bras..(ad-mx pgm, PT jingle ID @ 0258, VG to S/off (Howard-CA 1/4).
- 15190 CONGO RTVC: 1750-1818 "Voice of Namibia" pgm in EG & vernaculars; freedom song @ 1804. "Give me back to Namibia"; SWAPO theme song, EG ID (Howard-CA 2135-2300\* FR tlk abt Africa; Hi-life mx, ID @ 2252. G(Alexander,Valke).
- 15190 SPAIN SFR: 2045 EG "Foreigners in Spain" tales of Hemingway (Alcorn)
- 15190 SAIPAN KYOI: 0110-0531 EG "Saper Seck" ID's, non-stop pop mx, ID @ 0500 as "KYOI Saipan" (Cucara, Fisher-MASS, Howard, Alexander,Hardoster).
- 15195 JAPAN BJ: 0130 EG opening amnts & EG nx, //17825; 21630,21640(Alexander).
- 15200 GABON Afr #1: 0600-0701 FR Afro & Soul mx, FR M ancr (Gundersen).
- 15225 TUNISIA RT: 1850-1911 AR instr/vocal sx, AR tlk by M (Purdum 12/18).
- 15230 NORTH KOREA Pyongyang: 2300-2330 EG tlk on reunification. F (Dickson 1/1)
- 15240 YUGOSLAVIA RY: \*1530-1555\* EG nx & cmntry, ID's; F w/echo (Potter-OW 1/3)
- 15240 ASIATIC RFSER Vladivostok-R. Kiev-relay: 0030-0100 EG nx, features "Let's Discuss It", frequent tape breakdowns (Weinhold 12/14, Krist-VA)
- 15240 EAST GERMANY RBI: \*1300-1341\* EG nx, Peace Report, "African Focus" on EG svcs to Africa, F (Krist-VA 12/18).
- 15245 ZAIRE LV du Zaire: 0227-0259 FR Afro high-life mx, FR W w/cntry, ID, Surprised to find this one here. F w/QRM (Wilknor 12/27, Valke 12/8).
- 12250 PORTUGAL RP: 1800 IS, IB, EG nx, not heard on 15245. F (Zilmer 12/30)
- 15290 BRAZIL R Bras: \*0159-0300\* EG highlites of the Brazilian pop mx festival, EG nx, "Culture Rpt"; special on Reagan visit to Brasil (6 reporters).
- 15295 AUSTRIA ORF: 1500 EG "Report from Austria"; //616G,12015,11855 (Zilmer).
- 15300 FRANCE RFI: \*1600 EG "Paris Calling Africa", nx //21620 (Purdum 12/11).
- 15300 JAPAN RJ: \*2345 EG nx, "Current Topics", cmntry on economics (Krist-VA).
- 15320 AUSTRALIA RA: 0500 FR M ancr, good from my rhombic, (Lang).
- 15325 SOUTH AFRICA R RSA: \*0153-0219 EG nx, cmntry, "Africa Today", "Our Wild Heritage", features on Tourism in South Africa. VG (4 reporters).
- 15325 JAPAN RJ: 0500-0530 EG nx, cmntry, JP lcl mx. F-3 (Reed 12/26).
- 15345 TAIWAN Taipei-VoTC: 2110 CH mx pgm w/CH cntry between songs, ID(Pieper)
- 15345 KUWAIT RK: 0530 EG nx by W, ID, wx & TC, QRM de VOA (Hosmer 12/12).
- 15365 CANARY ISLANDS RNE: 0215-0231 M ancr, SP mx, ID & fgy. F (Cobb-ME).
- 15375 SOUTH KOREA RK: 0532-0600 CH tlk by M&W (Reed 12/26).
- 15375 SPAIN SFR: 2130 EG nx, book review, SP lesson, ID as SFR. VG (Zilmer 1/4)

- 15400 FINLAND RF: \*1400-1426 EG lcl & Wld nx, wx, tlk on Xmas cards(Robinson)  
 15400 SPAIN REE: 1740-1751 SP futbol. G w/BBC QRM (Halsema 1/6).  
 15425 SRI LANKA SLBC: 0143 EG "A.W.R." pgm. P (Robertson-CA 12/20).  
 15425 AUSTRALIA ABC-Perth: 0215 EG pop mx, wx, religious pgm, cmntry(Biller).  
 15430 MEXICO XERMx: 0112-0300 SP;"This Week in Mexico" in EG (Illa,Pate).  
 15435 GABON RFI-relay: 2026-2035 FR fqys & target areas; ID (Purdum 12/28).  
 15445 BRASIL RN Amazonica: 0245 PT "Do Momento" romantic mx (Illa-FL 12/13).  
 15450 LIBYA SPLAJBC: \*1800-1805 S/on tane, chimes, ID, into AR tlk, F w/QSB;  
 //15415, 17930 (Valko 12/8).  
 15474 ANTARCTICA RN Arcangel: 2342-0040\* SP W ancr, EG ID w/fqys & address;  
 ID @ 2343; SP ballads & lite pop mx, taps at S/off (8 reporters).  
 15485 NEW ZEALAND RNZ: 0430-0700 EG M ancr, folk mx pgm, sports, //17705  
 (Witzig, Hakimnezhad). 1800 EG nx, pop mx. F-6 12/26).  
 15520 CHINA R. Beijing: \*0000-0055\* EG nx, cmntry, "Listeners Mailbox", ID,  
 //15120, 11650, G (4 reporters). \*0100-0155\* EG "Q&A" pgm (Bonnet-IN).  
 0300-0336 EG Wld nx & cmntry, cmntry on LAm unity (Sharpe-CA 12/30).  
 15530 PAKISTAN RP: \*1558-1615\* NA, IS, ID, EG fqy anmts, nx to 1615(Zilmer).  
 15535 SPAIN REE: 2100 SP nx & cmntry, ID's, G //11880 (Zilmer 12/29).  
 15555 CLANDESTINE R. vatan: 1642-1650 Farsi tlk by W w/mentions of Iran,  
 martial mx, ID 1648; G w/some QSB (Buer-FL 12/12).  
 15560 HOLLAND R Ned: \*2030-2120\* EG nx, "Newslines". G (Krist-VA 12/30).(Halsema,  
 15570 NETHERLANDS ANTILLES R Ned: 1753-1802 DT interview pgm with a priest/  
 15575 SOUTH KOREA RK: 0200-0250 EG nx, ID, "Shortwave feedback" (Hakimnezhad).  
 16431 KIRIBATI RK: 1850-1910 EG ID & TC; into lang. @ 1855 (Sams-ARK 1/1).  
 17560 GREECE VoG: 1540-1549 EG nx, then GK pgm; //15050, 11645. G (Zilmer).  
 17620 FRANCE RFI: 1600-1635 EG "Paris Calling Africa", //15300 (Hakimnezhad).  
 That's it for this month folks, I've got an announcement that says BBC announced  
 in December that all relays to overseas transmitters are now going via Satellite,  
 including Kranji (Singapore), with much improved signals expected in Australia,  
 even though most transmissions to that continent are now sent directly from the  
 UK. I'd like to say that I'm in the market for a used RF-2200 receiver and  
 I'll pay up to \$100 for one in good condition. See the announcement below this  
 column for more details. Tnx  
 73 de Steve/KA6IBD Steve

**WANTED:** Panasonic RF-2200 8-band shortwave rx, please reply to the address at  
 the front of my column by Feb. 15th. I'm planning on using the receiver as an  
 auxiliary to locate // fqys. Please send a card or letter and state your price.  
 Thanks. Steven Wiseblood (address also on back cover of Frenx).

**NOTICE, PLEASE**

As of the FRENX deadline date, Log Report "C" has not  
 yet arrived. Since I can't get in touch with John T.  
 Arthur, the editor, I have no choice but to go ahead  
 with the printing without the column. If it should  
 arrive in time, I will try to get it in the back.

**FOR SALE:** AX-190 receiver with speaker and manual in mint condition.  
 Never modified. Satisfaction guaranteed. Price \$100.00 UPS paid in  
 the lower 48 states. John White, 55 Walden, Burnsville, MN 55337.  
 Phone (612) 894-6394.

**BBC RECORDS AVAILABLE:** Records of BBC presentations of The Goon Show,  
 Monty Python, Fawlty Towers and other humorous shows, BBC specialty  
 records, and even sound effects are listed in the catalog published  
 by GEMCOM, INC., P.O. Box 290007, Ft. Lauderdale, FL 33329. If you're  
 interested in purchasing recordings of these and other shows, write  
 for the free catalog.



# LOG REPORT

## section E

### 17700 and above

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

- 17705 CUBA R Habana; 1830 SP, world nx (Bainbridge 12-20) 12-5)
- 17705 NEW ZEALAND RMZ; 0546-0600 EG, sports nx by M, ID, light nx, time check (Cucura)
- 17710 MOROCCO RTVM; 2009-2025 AR, "Huna Ribat" ID, AR nx, poor here //15105 (Chorossy)
- 17715 SINGAPORE BBC World Service-Far East Relay; \*2358-0030 EG, IS to 2359 s/on, Wld Svc to 0029, then FEast Svc world nx, nrxrel, "Speaking of English"; strong/clear at s/on, slow deterioration to 0030 fair (Gundersen12-27)
- 17720 ASIATIC SSR R Moscow via Petropavlovsk; 0127-0146 EG, catry on ML King, US un-employment, USSR retail prices (Purdum 12-27)
- 17730 USA WINB Red Lion, PA; 1600-1700 EG, contin beautiful nx to 1629 rel tlk (Bonnet)
- 17755 JAPAN R Japan; 0100-0130 EG, nx, instrumental nx,wx,tlk on JP industry (Sharpe)
- 17795 FRANCE R France Int'l; 1630 EG, Paris Calling Africa, ID,wx to 1658 (Hosmer 1-3)
- 17800 TAIWAN Voice of Free China; 0321 EG, to N America, catry, CH nx,0350\* (Illa)
- 17810 PHILIPPINES Far East B'cast Co; 0000-0030 EG, nx, ID, rel tlk & songs (Hakimeshad) 0016 EG, Bible, Catholic tlks, "Church Today",heavy fading & lost by 0058 (Illa)
- 17820 CANADA R Canada Int'l; 1800-1900 EG, special requests w/ nx, New Year greetings, to Afr; 1900-2000 on 17875 to Eur w/ same; clear (Dill 1-2)
- 17825 JAPAN RJ; \*2345 EG, ID, nx, "Current Affairs" abt JP politics (Krist 12-8)
- 17865 VATICAN STATE Vatican R; 1600 EG, catry on world peace to 1615\* (Zilmer 12-30)
- 17870 USSR R Kiev; 0035 EG, nx, catry, to W NAm, //15240 (Weinhold 12-12,Chorossy,Krist) R Vilnius; 2300-2330 EG, nx, tlk, nx (Hakimeshad 1-5)
- 17875 CANADA RCI; 2130-2200 EG, SML Digest w/ Ian McFarland, covr rvw by Larry Magnus, DX nx from Glenn Hauser (Dill 1-1, Krist)
- 17880 ECUADOR HCJB; 0100-0130 EG, nx, "Passport" pgm (Weinhold 12-14)
- 17885 ECUADOR HCJB; 0100 EG "Passport" pgm (Pieper 12-23)
- 17940 CLANDESTINE Voice of the Sudanese Popular Revolution; 1645-1718\*AR & lang, speech by M in presumed AR, into NEast-sounding nx 1655, shouts & more sx (Jordan 12-14)
- 18025 ECUADOR HCJB; 0030, started booming in while listening to Air Force One on 18027. Very loud & distorted audio, //26020,15155,9745,17885 on 12-5. Checked again 12-12 and found HCJB s/on 0030 w/ two separate pgms, one in EG // above freq's, plus another pgm in Unid lang // 15295 (Alexander)
- 21460 USA VOA; 2250-2300\* EG, "Jazz Hour", nx 2255, s/off (Hayer 12-30) 0055-0100 EG, Breakfast Show w/ Pat Gates answering East Asian's question abt American Express credit card (Dill 1-1)
- 21460 BELGIUM ORU (I); 1731-1740 FR, nx, rpt on Belgium's economy (Purdum 12-27)
- 21465 EAST GERMANY R Berlin Int'l; \*1515-1556\* EG, nx,catry on US,USSR, receipt rpts from listeners (Krist 12-18, Hosmer, Purdum)
- 21470 UK BBC WS; 1700-1744\* EG, Thatcher's visit to Falklands (Bonnet 1-9)
- 21740 AUSTRALIA R Australia; 0100-0146 EG, nx, "Midway" pgm, art nx (Krist 1-4) (Fraser)
- 21475 FINLAND R Finland; 1342 EG, special pgm on independence, "Finlandia" nx, //15400
- 21475 FINLAND RF; 1500-1527 EG, nx,catry, nx, s/off (Hakimeshad 1-2)
- 21477.5 ECUADOR HCJB; 2130-2159 EG, "DX Party Line" w/ Clayton Howard (Krist 12-6)
- 21535 SOUTH AFRICA R RSA; 1540-1545 EG, light jazz, //25790 better (Purdum 12-11)
- 21570 USA APRTS; 2300-2310 EG, AP, UPI nx, fair (Hayer 12-30)
- 21570 SWITZERLAND Swiss R Int'l; 1335 EG, "Two Bobs" answer DX questions, ID, 1345 GM nx (Halsema 12-11) 1630 AR, ID "Huna Switzer" and presumed nx by M (Hosmer 12-30)
- 21580 FRANCE RFI; 1600 EG, PCA, Afr nx, //21620,21685 (Hosmer 12-31, Fraser)
- 21615 SWEDEN R Sweden; \*1400-1415 EG, Nordic nx, "12th Night" nx pgm w/classical to Abba nx (Hosmer 1-6, Purdum)
- 21615 LATVIAN SSR R Moscow via Riga; 1350-1400 EG, request pgm, Ukrain folk nx, //11840 (Havana)(Purdum 12-15)
- 21615 AUSTRIA Austrian R; \*1230-1255\* EG, "Rpt from Austria-Sunday Special" (Krist 12-12)
- 21620 FRANCE RFI; 1602 EG, PCA loud & clear (Dickson 12-29)
- 21645 SWEDEN RS; 1415 EG, Mailbag w/ Claude Stevenson, 1425 \* (Alcorn)
- 21655 UNITED ARAB EMIRATES UAE Radio, Dubai; 1530-1605 AR, story by M & W w/ NEast nx in between, full chorus & orch followed by pips, ID, nx by M, very good (Jordan 12-16)
- 21660 UK BBC WS; 1430-1500 EG, comedy & political satire show (Name?? 1-5)
- 21675 KUWAIT R Kuwait; 1653-1700 AR, song to 1700 time pips, ID, tlk pgm followed (Buer)
- 21685 NETHERLANDS ANTILLES R Nederland; \*2030 EG, African Svc pgm, "Media Network", "Current Affairs", "Shortwave Feedback"(Dill 1-2,Krist,Hakimeshad)

- 21695 CANADA RCI: \*1645-1659\* EG, nx,wx,sports, "Weekend Magazine" pgm (Krist 12-24)
- 21700 SWEDEN RS; 1400-1430 EG, Mailbag (Weinhold 12-19)
- 21710 UK BBC WS; 1629-1730 EG, "Jubilee Day" first-ever phone-in to Muggeridge, London #580-44-11, questions on jamming by Poland, etc. Tried calling BBC Director Muggeridge where pleasant-voiced lady took my question and said I would be called back if there was sufficient time but there wasn't (Halsema 12-19) 1700 EG, world nx (Hosmer 12-31)
- 21715 GEORGIAN SSR R Moscow via Tbilisi: 1411-1430 EG, "NI&Views" pgm, ontry (Purdum 1-2)
- 21720 AUSTRALIA RA 0130 EG, cricket match (Zilmer 12-29) reception: fair
- 21725 VATICAN STATE Vatican R; 1400 lang, IS, ID, tlk (Zilmer 12-29)
- 21780 SPAIN R Exterior de España; 1545 SP, Beatle songs by SP singer, //17660 covered by RTTY QRM (Purdum 12-11)
- 21840 USA VOA; 2028 EG, Christmas mx on "VOA Jazz Hour", nx, "Weekend" pgm of Christmas in the US; exc (Krist 12-25)
- 23744 CUBA R Havana; 2128 AR, tlk and Latin mx; spur from 23780 harmonic? (Sams 1-5)
- 25650 UK BBC WS; 1430 EG, "Smash Of The Day" - Goon Show (one of a series) (Fraser 12-19) 1510 EG, tlk abt OPEC & oil prices, Israel, Jordanian King's US visit (Saunders)
- 25730 NORWAY RN; 1400-1435 EG ID into Norsk lang, cmnts by M & W w/ short piano interlude between each; heavy noise 1435 (Bonnet 1-6)
- 25780 UNID 1455 IT, tlk by M, mx, tlk abt cigarette sales, no ID hrd (Saunders 12-18) Swiss Radio asked here in IT 1445-1515....bs
- 25900 FRANCE RPI; 1440 EG, tlk, mx (Saunders 12-18)
- 26000 USA VOA; 1900 EG, "Voices Of Africa", "VOA Nx", tlk on Afr culture, Christmas traditions around the world; good (Krist 12-18) 2253 EG, "Jazz Hour" (Nelson 12-27)
- 26020 ECUADOR HCJB; 0050-0105 EG, clothes-making features, ID, sx, nx (Bolland 12-11)
- 26030 NORWAY RN; 1400 EG, nx, Christmas shopping & gifts (incl wristwatch/2-band radio combo) (Fraser 12-19)
- 26040 USA VOA; 1930 EG, "Press Conference USA", nx, "Night Line Africa" (Krist 12-18) 1957 EG, special Christmas program (Nelson 12-24)

Just recvd my 1983 WRTH from Gilfer - looks like another great issue. For those of you who have an interest in DXing the Soviet Union, either R Moscow or regional stations, check out Roger Legge's "UHM-USSR High Frequency Broadcast Newsletter". It's a great source of info on transmitter sites and broadcast schedules. Three dollars will get you eight of the approximately monthly issues. Write him at:  
Box 232, McLean, VA 22101 USA

73's til March

*But*

NO COLLECT CALLS ON THESE ADS, PLEASE

NOTICE: To Austin, TX area SWL's, DXers, and those interested in any form of radio...I'm trying to organize some get-togethers in the Austin area. If you're interested, call or write Hans Johnson, M-617 Jester, Austin, TX 78784. Phone is 471-2312.

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

FOR SALE: Realistic DX-200 AM/LW/SW receiver six months old and in new condition, \$100.00. MFJ 1020 Active Antenna in good condition, \$20.00. Montgomery Ward AM/FM/Double Cassette portable stereo, \$75.00. Large box of DX Bulletins, radio magazines and other publications, \$10.00 plus shipping. J.D. Tedford, 833 West Bluff Street, Marquette, MI 49855.

RENAISSANCE RADIO: Bill Taylor, FRENEX "Vintage Vignettes" editor, reports that he now has time to accept more old radios for repair or restoration. For further information, send an SASE to Bill at P.O. Box 132, Unionville, PA 19375.

FOR SALE: Bearcat 210XL 18-channel programmable scanner in brand-new condition with all accessories and manual including original carton. Must sell. Price \$175.00. Joe Fazalare, 3639 North Richmond Street, Chicago, IL 60618. Phone (312) 478-6914.

# LOG REPORTERS

**FRENDX**

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

Thanks to the following sixty members who contributed to this month's Log Reports:

Samuel Alcorn, Morrisville, PA (DX-200); Brian Alexander, Mechanicsburg, PA; William Bainbridge, Fairmont, WV (DX-300); P. Barta, Toronto, ON; Jeff Biller, East Brunswick, NJ (DX-160, FRG-7700mod); Charles Bolland, Lakewood, FL (Icom R-70, FRG-7000); Arthur Bonnet, West Lafayette, IL (DX-302); Ken Briscoe, New Albany, IN (GE World Monitor 7-2990); Paul Buer, Miami, FL (SPR-4/FS-4); Paul E. Chorosz, Saco, ME (FRG-7000, SX-100); Ken Cobb, Portland, ME (RF4900, RF2800); Dave Cooper, Saginaw, MI (DX-200); Vladimir Cucura, Reading, PA (R390, FRG-7, R-7); Richard Dickson, Loveland, OH (DX-302); Barbara Ann Dill, Saint Marys, PA (RF2200); Gene Eastman, Huntsville, TX (ICF-6800W, RF4900); Marlin A. Field, Hillsdale, MI (SPR-4, SX-100); John Fisher, Chelmsford, MA (GPR-90); Jay Florian, Round Lake, IL (FRG-7700, SPR-4); Bob Fraser, Cohasset, MA (XCR-30); Pete Grenier, Azusa, CA (FRG-7); Bob Gundersen, Northfield, MN (R-1000); Reza Hakimzhad, Tuscon, AZ (FRG-7700); James Halsema, Glenmoore, PA (ICF-6700W); Mike Hardester, Havelock, NC (FRG-7, R-1000); Don Hosmer, Dearborn, MI (RF3100, ICF-2001); Ron Howard, Santa Barbara, CA (SB-310); Rufus Jordan, Pittsburgh, PA (DX-302, Zenith Transoceanic); Kraig Krist, Falls Church, VA (FRG-7700); Jerry Lineback, Conroe, TX (R-7); Chris Lobdell, Stoneham, MA (FRG-7000); Dale E. Long, Lititz, PA (ICF-2001); Rick Lucas, Stockton, CA (R-1000); Bill Mayer, Allentown, PA (DX-200, GE Portable); John Meyer, Kellnersville, WI (RF2800); Gilles Michaud, Laval, Quebec (FRG-7mod); Kevin Mikell, Park Ridge, IL (RF4800); Scott Nelson, Parrshall, ND (HQ-180); C.J. Orekar, Concord, CA (SW4A); Sheryl Paszkiewicz, Manitowoc, WI (DX-302); J. Gary Pate, Baltimore, MD (R-1000); Gary R. Pieper, Fraser, MI (S-85); Martin Potter, Limoges, ON (R-4C, SB-310); Gene Purdum, East Lansing, MI (FRG-7700mod); Ben Radcliff, Urbana, IL (SB-310mod, RF2200, HQ-150); Stewart Reed, Baton Rouge, LA (FRG-7mod); Christos Rigas, Chicago, IL (VEF-206); Betsy Robinson, Clinton, TN (ICF-2001); Mitch Sams, Farmington, AR; Don Saunders, East Brunswick, NJ (FRG-7700); Brian P. Sharpe, Castro Valley, CA (DX-302); Rob Sobkoviak, Plainfield, IL (DX-200); Dave Valko, Dunlo, PA; Robert Vance, Bamberg, West Germany (FRG-7mod); Barry Washburn, Glens Falls, NY (DX-302); Terry Weinhold, East Earl, PA (FRG-7, DX-160); John Wilkins, Wheat Ridge, CO (R-1000); Robert L. Wilkner, Fort Lauderdale, FL (SW4A, FRG-7700, IC-R70); Eric Witzig, Annandale, VA (R-1000); Robert Ziimer, Rio Rancho, NM (R-1000).

Remember, the deadline for receipt of loggings by the Distributing Editor is the twelfth of the month. Please use NASWA log report forms or a similar format, and cut apart your loggings to facilitate sorting. Include a signature slip listing name, city/state and receivers used to receive credit for your contributions.

Until next month, 73's and good DX.

*Nick*

HAP BID WINNERS: Danilescu(116),Leite(115,117),Dankert(114),Kramer(76,80,108,111,112),Mann(89,93),Benjamin(84,92,105),Klasek(71,74,77,81,83,88,97,106,109,118,119),Pascoe(79,99,101),Pyatt(85,90),Theze(95),Bishop(96),Caravan(91),Hassman(104),Newlon(94),Herr(70),Miller(75,82,113)....Thank you very much gang!!

HAP BID ITEMS: If you notice carefully we have almost all new items this time around!!

ITEM #225:3KZ(Australia)heart shaped sticker,m/c-beautiful! #226:3KZ heart shaped coaster, thick,m/c-really nice! #227:3KZ 2 different station ballons. #228:Radio 270(Europirate) sticker(2.5x4.5")red,white. #229:Radio Tower(Europirate)decal(2.5x18")green,white-super!! #230:WAYE metal badge(2.5"cir)red,white. #231:KMET metal badge(1.5"cir)red,white. #232: KRAM T-Shirt(L)B&W,very sharp! #233:KRAM T-Shirt(M) as #232. #234:KBAM "Cowboy"sticker, (3.5x11")B&W,red. #235:Radio London(Europirate)banner(3x10")yellow,black. #236:Radio City 299(Europirate)sticker(3x8")B&W. #237:Radio Frequence Gaie(France)alternative 1ffestyle Radio sticker(4x4")blue,purple-rare! #238:KIPA(Hawaii)sticker(3x12")red,yellow. #239:KIKI (Hawaii)sticker(2x4.5")red,yellow. #240:KSHO(Hawaii)sticker(3x7")green,B&W. #241:WDR Radio (FRG)sticker(4x4")B&W,green,blue-new style. #242:World Telecommunications Exhibition Radio sticker(3x3")m/c w/ silver-very nice! #243: WEEI "Rainbow" sticker(3.5x8.5")m/c-sharp! #244:Radio Venceremos(Clandestine)poster(7.5x17")red,B&W-nice! #245:Radio Caracas (Venezuela) "Lion w/ Cycle"decal(2x9.5")m/c-sharp! #246:Radio Caracas"Lion w/ Plane"sticker(2x9.5")m/c #247:Radio Caracas"Lions Dancing"sticker(2.5x9")m/c. #248:Radio Caracas"Lion w/ Radio" sticker,m/c-all 4 are beauties!! #249:Radio Venceremos poster(7.5x13")red,B&W. #250:Radio Venceremos very large poster,m/c-a real gem!! #251:Voice of America station 6" ruler,B&W. #252:YNOL Radio Ondas de Luz(Nicaragua)sticker(3x6")m/c-georgeous! #253:Radio Habana Cuba sticker(4x4")red,white. #254:Radio Cayman Islands sticker(3.5x12")orange,B&W-extremely rare!! #255:Radio Forth(Scotland)sticker(3.5x6")red,B&W. #256:XERMJ Radio Mexico sticker (3x4")m/c. #257:KTFM "Rainbow"decal(4.5x8")m/c-sharp! #258:KLOL T-Shirt(S-M)gray,B&W,red. #259:KLOL T-Shirt(L)same as #258. #260:KLOL T-Shirt(XL)same as #258. #261:KLOL T-Shirt (L w/ short chest cut)same as #258. #262:Radio Nacional de Espana very large and colorful 1982 World Cup Soccer poster-gem! #263:KIVI-TV plastic litter bag(9x12")m/c. #264:Radio Korea sticker(3.5x5")m/c - best ever! #265:Metro Radio(UK)metal badge(2"cir)m/c. #266:4GG (Australia) "I Love"metal badge(2"cir)red,white. #267:CBQ metal badge(2"cir)red,white,blue. #268:ESPN metal badge(1.5"cir)red,white. #269:KAZM key chain,red,gold. #270:BBC metal badge(1.5"cir)red,white,blue. #271:WDR Radio(FRG)black & blue station pen-nice! #272:WDR Radio "Owl" station pin,red,white,gold. #273:NMR(Puerto Rico)USCG radio station pen-nice! #274:KBOI paper hat,m/c-nice! #275:Radio Geronimo(Europirate)paper banner(4x8")black,blue. #276:BBC Radio Sheffield(UK)sticker(5"cir)red,white,yellow. #277:Voice of Turkey sticker (2.5"cir)m/c-sharp! #278:Bayerischer Rundfunk(FRG)sticker(4"cir)blue,B&W. #279:Radio Peking cloth "Panda"pennant(6x10.5")green,B&W. #280:Radio Peking cloth "Girl w/ Building"pennant, (6x10.5")m/c-nice! #281:Radio Peking plastic pennant "Chinglang Mountains"(5.5x10.5")m/c. #282:Radio Peking plastic pennant "Mountain Village"(5.5x10.5")m/c. #283:Radio Peking cir. pin,gold,blue. #284:Radio Peking cir. pin,blue,white. #285:Radio Peking square pin,m/c. #286:WFBG "Beer Can"2 tone blue,white. #287:WKIS "Beer Can"m/c-nice! #288:WEIR "Beer Can" m/c-beautiful! Not kidding-real beer cans minus the beer. Hi! #289:4BC(Australia)cloth cap black,blue & yellow-very nice. #290:KOMA T-Shirt(L)blue,white-sharp!..Thats it for this time on the bid items. Hope there is something here that you are interested in buying!

NOTICE: We have just added the following AGDX Clubs to our ever growing list of radio clubs carrying this publication: KNFR,KNKB,KNRS,KWRZW,MODXC,WDXC and the Rhein Main DXC. Also in the ranks are HAP-Australia,ADDX,SCDXC,GDXC,PLAY-DX,ASWLC,HAP-NZ,IDXCSO,DXAGB,CIDX,Deco Mania,SCARS,ANARC,HAP-USA and NASMA.

HAP DIRECT SALE ITEMS: The following stickers/decals are \$.25 each or any 5 for \$1.00. New since last issue: CFQC,KGB,KTSA,KNOW,KLOL,Radio DeeJay,Piccadilly Radio. We also have KVOO,KNRE,WPOC,WCII,WROL,KIKK,WXRT,CFON,WSTU,WIGY,WEZE,WEEI(mini),KOLO,KGO,WCAU,KMET(large),PCH, KMET(small),KWK,KTYP,WERE,WNME,WSSS,WHK,WGCL,WRCR,WSAT,WMET,WGLB,KBOI,KYKS, Radio RSA,KOKE, Radio Budapest,KMTP,KLRZ, Radio Exterior de Espana,KMFB, Radio Forth,KEX,KOME(black),KOME (yellow),WLR5,WDOM,KLZ,KCZU,KSTR,KTQX,KCOL,KJR,CKLG,WCMF,ABC-FM Perth,1ZB,ORF,6KY,6WF,4GG, WJVA,CKNI,CFAX,KATR,WLPX,KBDF,KBDF-1280,KMAX,WMMR,WIRE,WLUP,KHFI,WINS,WPLR,WNSW,WHAL,WCFI (large),WCFI(small),KROY,WDET(large),WDET(small) and 5 different from WPLJ.

NOTICE: Overseas buyers - please try to keep your direct sale purchases to a minimum of at least \$5.00. Get your bids in as soon as possible.

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

ADDITIONAL DIRECT SALE ITEMS: Radio Peking "Panda Bookmarkers" \$.25 each:WMMR book covers \$.25 each: WEMP iron-on decals for T-Shirts \$.25 each: CBC Southwest Ontario heavy plastic litter bags at \$.50 each: WMON ice scrapers at \$.50 each: ZGB ballons at \$.25 each: KLOS ballons at \$.50 each: KCRF plastic ID cards at \$.25 each:KBOI paper hat at \$.75 each: The following metal station badges are \$.50 each: KZAM, Radio Forth,CFTR "Blues Brothers", WLPX, Radio City-194,WMET,WMMR and WLUP. The following B&W mini-posters are \$.25 each: Radio Nord, Radio London, Radio Caroline, Voice of Syncom, Radio Fil Rose, Radio West, SUV, Radio Duomo(car) and Radio Duomo(woman).

DONATIONS: Remember we can only supply so many items. We need your support to keep bringing you the varied selection of items as we do each month. If you have duplicates in your collection, we sure could make good use of them. Thank you....Sam.

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

**"UPDATE" SUBSCRIPTION RATES PER YEAR:**

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