

TRENDS

LIST OF MEMBER COUNTRIES OF THE UNITED NATIONS, THE ITU AND THE UPU

Afghanistan
Albania
Algeria
Angola
Antigua-and-Barbuda*
Argentina
Australia
Austria
Bahamas
Bahrain
Bangladesh
Barbados
Belgium
Belize**
Benin
Bhutan***
Bolivia
Botswana
Brazil
Bulgaria
Burma
Burundi
Byelorussia
Cameroon
Canada
Cape Verde
Central African Republic
Chad
Chile
China
Colombia
Comoros
Congo
Costa Rica
Cuba
Cyprus
Czechoslovakia
Democratic Kampuchea
Democratic People's Republic
of Korea****
Denmark
Djibouti
Dominica (Commonwealth
of)**
Dominican Republic
Ecuador
Egypt
El Salvador
Equatorial Guinea
Ethiopia
Fiji
Finland
France
Gabon
Gambia
German Democratic Republic
Germany (Federal Republic of)

Ghana
Greece
Grenada
Guatemala
Guinea
Guinea-Bissau
Honduras
India
Indonesia
Iran
Iraq
Ireland
Israel
Italy
Ivory Coast
Jamaica
Japan
Jordan
Kenya
Korea (Republic of)
Kuwait
Lao (P.D.R.)
Lebanon
Lesotho
Liberia
Libya
Liechtenstein****
Luxembourg
Madagascar

Malawi
Malaysia
Maldives
Mali
Malta
Mauritania
Mauritius
Mexico
Monaco****
Mongolia
Morocco
Mozambique
Myanmar
Netherlands
New Zealand
Nicaragua
Niger
Nigeria
Norway
Oman
Pakistan
Panama
Paraguay
Peru
Poland
Portugal
Rwanda
Saint Kitts and Nevis
Saint Lucia
Saint Vincent and the
Grenadines
Senegal
Sierra Leone
Singapore
Sri Lanka
Sudan
Suriname
Swaziland
Sweden
Switzerland****
Syria
Tanzania
Thailand
Togo
Tonga****
Trinidad and Tobago
Tunisia
Turkey
Tuvalu****
Uganda
Ukraine
U.S.S.R.
United Arab Emirates
United Kingdom
United States of America
Upper Volta
Uruguay
Vanuatu*
Vatican City State****
Venezuela
Vietnam
Yemen (A.R.)
Yemen (P.D.R. of)
Zambia
Zimbabwe

Sao Tome and Principe
Saudi Arabia
Senegal
Seychelles***
Sierra Leone
Singapore
Solomon Islands*
Somalia
South Africa
Spain
Sri Lanka
Sudan
Suriname
Swaziland
Sweden
Switzerland****
Syria
Tanzania
Thailand
Togo
Tonga****
Trinidad and Tobago
Tunisia
Turkey
Tuvalu****
Uganda
Ukraine
U.S.S.R.
United Arab Emirates
United Kingdom
United States of America
Upper Volta
Uruguay
Vanuatu*
Vatican City State****
Venezuela
Vietnam
Yemen (A.R.)
Yemen (P.D.R. of)
Zambia
Zimbabwe

The General Assembly,

Recognizing the fundamental importance of communications infrastructures as an essential element in the economic and social development of all countries.

Convinced that a World Communications Year would provide the opportunity for all countries to undertake an in-depth review and analysis of their policies on communications development and stimulate the accelerated development of communications infrastructures.

1. Endorses the proposal made by the Economic and Social Council in paragraph 1 of its resolution 1981/60 and proclaims the year 1983 World Communications Year: Development of Communications Infrastructures, with the International Telecommunication Union serving as the lead agency for the Year and having responsibility for coordinating the interorganizational aspects of the programmes and activities of other agencies;

2. Requests all States to participate actively in the attainment of the objectives of the World Communications Year;

Extract from United Nations General Assembly resolution 36/40 adopted on 19 November 1981

ANNEE MONDIALE DES
COMMUNICATIONS

WORLD COMMUNICATIONS
YEAR

AÑO MUNDIAL DE LAS
COMUNICACIONES



1983





A longer list of new and returning NASWA members than usual. Welcome to 116 who have joined the ranks since our previous listing which appeared in the January FRENEX. The next listing will appear in the May, 1983 issue of FRENEX.

- ADAIR, Bryan, Gross Ile, MI
 ALEXANDER, Frank J., Grand Island, NE
 ANDERSON, James S., El Paso, TX
 ANDERSON, Thomas J., Brunswick, OH
 AVERY, George P., Yeadon, PA
 BAKER, Alfred P., Grants Pass, OR
 BANCROFT, Timothy, Cochrane, Alta.
 BEIKMAN, Steve, Atkinson, NH
 BEISEL, Henry, Sun City, CA
 BENNETT, Gordon, Cheshire, England
 BETRY, Dan, Porterville, CA
 BITTNER, Theodore, Parsons, KS
 BLANCHETTE, Marion, Thonotosassa, FL
 BLOCK, David R., Shreveport, LA
 BLOOM, Wendell, Oxford, OH
 BONSELL, C.C., Dayton, OH
 BRITTON, W.L., Hobe Sound, FL
 CAREY, George, Durham, NC
 CASTELLINI, Gary, Vineland, NJ
 CELEDINAS, Esther, Hartford, CT
 CHINSON, I.S., Elmwood Park, NJ
 CLIBETT, Matt, Livingston Manor, NY
 COMBE, David A., Metairie, LA
 CONNELLY, Mark, Billerica, MA
 COTTRELL, Charles W., Pittsburgh, PA
 CURRY, Peter J., Palmyra, NJ
 DAVENPORT, G.H., San Jose, CA
 DAVENPORT, Scott, Tuscaloosa, AL
 DAVID, Ronald, New York, NY
 DEFEDASZ, Thomas J., Alameda, CA
 DEGUTZ, Susan, Staten Island, NY
 DIMICK, Dennis R., Washington, DC
 DOBSON, Bill, Azusa, CA
 DRIER, Raymond, Lockport, NY
 DUFFY, Michael, Maspeth, NY
 DUPRESNE, Dale, Norco, LA
 EDWARDS, Dennis S., Bismarck, ND
 EMERSON, Paul, Juneau, Alaska
 ERWIN, Donald R., Peoria, IL
 FARGNOLI, David, Astoria, NY **
 FEASTER, William P., Jr., Carlisle, SC
 FITZGERALD, William, Spring Hill, TN
 FOLEY, Brian, Winnipeg, Man.
 FRIED, Edward M., West Hartford, CT
 GELLERMAN, Jere, Fayetteville, NC
 GIST, John, Hazelwood, MO
 GORDON, Andrew, West Hartford, CT
 GRAY, J. Speed, Grand Rapids, MI
 HAMMER, Dave, Columbus, OH
 HANKINS, Arthur M., Greensburg, PA
 HARDY, Patty Ann, Bolton, MA
 HEYWOOD, Donald T., Westwood, MA
 HODGSON, Charles, Durbanville, R.S.A.
 HOPKINS, Ron, Rexdale, Ont.
 HUKILL, Joe, Missoula, MT
 HUMESTON, Richard L., Boone, IA
 HUNTER, Robert C., Des Moines, IA
 ILGENFRITZ, Albert, Cincinnati, OH **
 IMMERMANN, Solomon, Brooklyn, NY
 JACOB, Norman P., Columbia, MD
 JAFFE, Douglas G., Burlington, VT **
 JAMESON, John A., Canton, IL
 JONES, Donald F., Berea, OH
 KARN, Sherman E. II, Yukon, OK
 KIRKPATRICK, R.W., Vancouver, B.C.
 LARGE, Darl D., Gaylord, MI
 LAUSEVICH, Arnold J., Milwaukee, WI **
 LOMSKY, Joe, Richmond Heights, OH
 Mac DONALD, Ronald J., Glenshaw, PA
 MACHARG, Kenneth P., Jeffersonville, IN
 MacLEOD, Kenneth E., Westborough, MA
 MAUL, Eric, Harvey, LA
 MILLER, Mike, Indianalantic, FL
 MOHRMANN, Mark, Syracuse, NY **
 MORRIS, James E., Norfolk, VA
 MURPHY, Gerald W., Scottsville, NY
 NATHANSON, Frank, St. Paul, MN
 NEWMAN, Al, Blue Bell, PA **
 NIEMINEN, T., Hopkins, MN
 NOLAN, Michael W., Columbus, OH
 O'BRIEN, David, Boston, MA
 OLSSON, Eric R., Wallingford, CT
 PECK, Grant, New York, NY
 PEREZ, David A., Meriad, Mexico
 PIERCE, Scott, Endicott, NY
 POOL, Martin A., Dallas, TX
 RAMSEY, Richard, Des Moines, IA
 RENFREW, Jim, Rochester, NY
 RHODES, Claude, Tippecanoe, IN
 RING, John F., Richmond, VA
 RUST, Gene, Richardson, TX **
 SAIVE, Harold W., Miami, FL
 SCHARRED, Tyrone A., Millington, MI
 SCHLEGEL, Udo, Rockford, IL
 SCHWARTZ, Frantz, Wilmington, NC
 SCHWARTZ, Joseph, Flushing, NY
 SHAFPER, Bill P., Toledo, OH
 SKINNER, Russ, Knoxville, TN
 SNORTON, Bradley, Los Angeles, CA
 SPERLING, Irving, Mt. Vernon, NY
 STARR, Timothy E., Macon, GA ** /NM
 STEGER, Joseph, Truth or Consequences
 STOURAITES, George, Midland Park, NJ

NASWA

NORTH AMERICAN SHORT WAVE ASSOCIATION

46 WILDFLOWER ROAD, LEVITTOWN, PA. 19057

NO COLLECT CALLS ON THESE ADS, PLEASE

FOR SALE: Yaesu FRG-7700 receiver in mint condition. Modified by Gilfer for improved sensitivity and selectivity. Includes SP-901 soaker, FRT-7700 antenna tuner, and MU-7700 memory. Price \$500.00 shipped and insured. **ALSO:** Field Day 2 Morse/RTTY reader from Kantronics, \$250.00. Herb Keaton, 410 Hillcrest Drive, Woodstown, NJ 08998. (609) 769-4126.

FOR SALE: Kenwood R-300, \$300.00. Sony ICF-5900W, \$120.00. Sony ICF-4800, \$55.00. All these radios have been purchased by seller within the past year and are in mint condition with original cartons and manuals. I will pay shipping. I will entertain other reasonable offers. Ralph Pollock, 2601 South Braeswood #1202, Houston, TX 77025. Phone (713) 667-7178.

FOR SALE: Heathkit Model HR-10B basic amateur band receiver. \$50.00 or best offer. You pay shipping. Steven R. Lare, 824 West 25th Street, Holland, MI 49423. Phone (616) 335-2270 Thursdays any time.

FOR SALE: HQ-180-AC with clock timer. Reconditioned with three-month warranty. Comes with cover. Price \$320.00 including shipping in the U.S. Tom Picarelli, P.O. BOX 425, Sunnymead, CA 92388. (714) 653-4476.

FOR SALE: Yaesu FRG-7700 receiver with Gilfer modified selectivity filters. Six months old. In perfect condition with FRT-7700 antenna tuner. Price \$530.00 for both or receiver only for \$470.00. Vasant Shridharani, 96 Cedar Drive W., Plainview, NY 11803. (516) 935-0380 evenings.

FOR SALE: Save over \$400.00 on a Japan Radio Corp. NRD-515 with matching speaker. A superlative DXing machine, modified by Radio West. Outstanding selectivity with 3 Collins mechanical filters (1.9, 2.9, 3.8 kHz) plus 6 kHz stock. Six months old and still under warranty. Price \$1450.00 including UPS shipping. **ALSO:** Sony ICF-5900W portable. Price \$95.00 including shipping. Mark Gorden, 5428 Fulton Street, San Francisco CA 94121. Phone (415) 556-5116 days and (415) 752-2013 evenings and weekends.

FOR SALE: ICF-5900 with selectivity modifications. Comparable to Yaesu and Kenwood narrow filtering. Price \$125.00 including shipping. Al Leary, 67 Eber Avenue, Akron, OH 44305. Phone (216) 376-2402.

FOR SALE: Sony ICF-2001 in mint condition, two months old. Price \$150.00 postage paid. John Gist, 321 Chez Paree Drive, Hazelwood, MO 63042. Phone (314) 838-0395.

FOR SALE: Sony ICF-6500, \$115.00. Yaesu FRG-7700 with 12-channel memory, \$525.00. JCV RCM70JW (5 SW bands, MW, and FM stereo tape recorder), \$260.00. All three are in mint condition with manuals and original cartons and UPS insured. Buy Yaesu and active antenna for \$540.00. Fritz Apollon, M.D., 3412 Englemaede Road, Baltimore, MD 21208. Phone (301) 653-0212 from 0100 to 0400 GMT.

ROLL CALL - CONTINUED

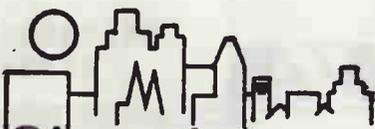
SWARINGER, David, Huntersville, NC
SWENOR, Neal H., Hopkinton, MA

TAKIFF, Jonathan, Philadelphia, PA
TALBOT, Joe, Red Deer, Alta.
TANAKA, Susumu, Nogaya, Japan

THOMAS, David B., Iowa City, IA
THUNBERG, Robert S., DuBois, PA **
TILLOTSON, Neil, Boston, MA

TORNBERG, Neal E., San Diego, CA
WALKER, R. Scott, Harrisburg, PA
WETTERSTEN, Phil, Chillicothe, OH
WILCK, Ray, DePere, WI
WILSON, Solomon, Philadelphia, PA **

** Former members returning
after a short absence



Shortwave Center

March 1983

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

¡Saludos DXistas y radioyentes! Welcome to another edition of Shortwave Center. Thanks for the nice comments on our first effort. Since we're limited to 11 pages this month (and have a good deal of excellent material on hand), we'll jump into it....

INTERVIEW

THE SHORTWAVE CENTER INTERVIEW: DAN FERGUSON

Dan Ferguson is no stranger to NASWA. Through the years, Dan has assumed a number of important editorial positions, often when NASWA's future looked bleak. We went to Dan to learn more about his approach to the hobby and his dedication to the quality and future of it....(JH)

SWC: You played a rather large role in NASWA's past, acting as publisher, editor, etc. How do you feel about the direction NASWA has taken?

DF: Obviously NASWA has experienced considerable growth since the days when I served in a "whatever needs to be done" capacity. There were problems attendant to that growth, perhaps enhanced by a sometimes tendency to glory in the numbers and to forget that NASWA became the elite of DX clubs because of the determination of those in the club that what they would do they would do well. Generally I think a commitment to excellence exists, and that is gratifying. I would like to see more attention paid to the organization of FRENEX, with material appearing in sections designated for that particular type of material. It would make for easier reading of the bulletin, and certainly for easier future reference. That, together with a concentration on the stated areas of coverage of FRENEX -- shortwave broadcast stations -- would go far toward alleviating the recurring space allocation problems.

SWC: You've been credited with coining some of the popular catch-phrases in the hobby. The first is "List Logger". Do you feel the problem is still prevalent? Is there a solution?

DF: That's credit I don't deserve. The term has been around the hobby longer than I. I've harped on it on more than one occasion. All of us do what could be termed "list logging". Among the various lists I have floating around in my head, one includes the fact that BBC is heard on 6175 evenings to North America. Another includes a general knowledge of BBC programming. So, when I tune by 6175 and hear what I know to be standard BBC programming at 0200, I consult my "lists" and conclude that the station is BBC. If I want to listen to BBC I stay. Another example, it's easy enough to recognize certain HCJB announcers and "ID" the station by reference to one's accumulated knowledge in the hobby. I don't believe I have ever said that one has to hear a station identify itself on the air in order to "ID" the station. If I did say that, I was wrong. However, if I tune to 3330 kHz, hear something, consult WRTM, TBS, or one of the lists I publish myself, note a listing for R.Charcas in Bolivia and conclude I've heard that station, particularly since I've not heard it before, I've wasted my own time, and the time of anyone to whom I report the alleged logging. Actually, I don't know of instances quite so absurd. ... The problem lies not with the use of a list itself, but with the improper use of a list. Is it prevalent? I'd simply say the problem exists. I suspect the problem is linked to a phenomenon noted several years ago by one DXer -- we seem to occasionally get in our hobby people who expect to almost immediately be experts without ever taking the time and spending the time to develop the skills necessary to achieve such recognition. As the DXer observed, one does not purchase a camera for the first time and expect to be recognized as an expert photographer. One does not purchase a piano and expect

without years of practice to receive acclaim as a pianist. Buying an automobile does not make one a skilled race driver and buying a receiver does not make him a top notch DXer. In part, the DXer must determine for himself that accuracy is something desirable and that he will strive to achieve it. In part, editors need to edit, rather than merely type. No one demands perfection, but those reading a DX bulletin expect generally to be able to place some reliance on the material therein. I don't know of a bulletin that has never in its history had any errors in it. The goal should be to keep errors out. But those that do get in should be corrected, gracefully, when discovered. For the new DXer and the old timer as well, I think ~~Ben~~ Jensen's "ON TO THE TOP" series is excellent reading.

SWC: The other phrase that comes to mind is "KPR" ("Kids Playing Radio"). Do you think that NASWA should take a blanket stand against publishing KPR/Pirate related material?

DF: That's one for which I'd certainly like to be able to take credit. But, alas, credit belongs to an FT participant who first used it, I believe, sometime last year. I've used it some in FT since then, and I suppose that's how I came to be credited with coining the phrase. Although some might argue, unsuccessfully, that the "Kids Playing Radio" have some basis for existence in some countries where the "programming" they broadcast is unavailable from licensed broadcasters, certainly any attempt to apply such an argument to the North American situation, where the only thing often lacking is good music programming, is ludicrous. ... No, I don't think all "KPR" related material should be omitted from FRENEX. I think FRENEX should occasionally carry comments from the FCC concerning the very limited conditions under which unlicensed broadcasting is proper and the penalties attendant to conviction of unlicensed broadcasting outside those limitations. That would be on a subject that I don't think falls within the purview of NASWA's avowed limits of coverage, since I don't think one can successfully argue that the broadcasts are really intended for reception by the general public. Nevertheless, as a courtesy to those who might be tempted, publication of the FCC's views on the subject would not be inappropriate. More than that merely lends encouragement to a blight on broadcasting.

Another courtesy NASWA should extend, in this instance to licensed broadcasters, is a harmonic radiation alert to MW stations whose harmonics are heard, so that they can determine and correct transmitter faults as quickly as possible. It would be a real service to the broadcasters and to the listening hobby.

SWC: A few years ago, Mass. DXer Jerry Berg wrote an article entitled, "In Defense of DXing". At the time, a lot of folks felt that it was a signal that serious DXing was dead. Do you think events have passed by the serious DXer by?

DF: That depends on the DXer. I don't think serious DXers are any more prone to have events pass them by than those who have interests in other areas which are the subject of human curiosity. They may be a lot less prone thereto than those engaged in some areas of activity which might come to mind. I know "serious DXers" whose DXing activities have resulted in a far higher level of knowledge about the "third world" than would otherwise have been the case. And "serious DXing" can hardly be said to be dead when DX groups have to be careful not to get too large to function. No, you'll find serious DXers in every walk of life, frequently the elite of their profession, some actively involved in DX groups, some not.

SWC: You publish a worksheet for serious DXers called "Fine Tuning". How did you start FT and why? What would you say to those who feel that an "invitation only" type of publication restricts the free flow of DX information?

DF: I simply mailed issue #0 to a number of active DXers and invited them to participate in the exchange of DX information on a rather frequent basis. It's done on a "time available" basis, so it gets delayed during those periods of time when work builds up and I have to work 60-70 or more hours a week. My goal is to get Fine Tuning in the mail weekly. So far that hasn't occurred, but I've averaged about 40 issues a year. ... I started it because I felt that there was a need for better coverage of the hobby (or sub-hobby, if you wish) than was being provided by other sources at the time; that serious SWBC DXers would be interested in participating in a group with the subject matter restricted to SWBC DXing, where a concern for accuracy was expected; that a more frequent publication schedule than that of the larger clubs was necessary; that it could be of value to editors of loggings sections in other bulletins. Having published FRENEX I well knew the amount of time that would be required to publish a bulletin for a large group. I simply did not have THAT much time available. In order to assure that as many active serious DXers as possible

would have an opportunity to participate, it was obvious that participation had to be by invitation. I was not interested in serving those who like merely to collect bulletins. I think the claim that "invitation only" publications restrict the flow of DX information is usually repeated without sufficient knowledge on which to base any judgment. Many of the active reporters to the NABSA Log Report sections are participants in smaller, more frequent publications. Editors of columns in various monthly bulletins are participants in smaller, more frequent publications. Fine Tuning participants who are editors of columns in other publications are generally free to use material from Fine Tuning in their columns. Participation by editors in frequently published serious DX bulletins, rather than restricting the flow of information, actually enhances it, not only to the direct participants, but also through the larger bulletins to the entire DX hobby. The small, limited circulation bulletins are merely an efficient method of correspondence among those participating. To assert that every such bulletin should be as widely circulated as FRENEX is as absurd as to assert that if you plan a weekend of DXing with a couple of DX friends you should invite 2000 people over for the weekend. One official of a group of clubs actually had the gall to propose something equivalent to that about 10 years ago, asserting that any gathering of DXers should be widely announced so that all who wished to do so could attend. It was never clear whether he expected the host to feed all who appeared. I once participated in a "round robin" of tape recorded "letters" among several DXers. Would those who criticize the existence of FT and similar bulletins argue that the tape group should have expanded to accommodate all comers?

SWC: What do you think of current trends in the hobby?

DE: I believe I see a tendency for editors in all the major clubs to stay away from the "who am I to say he couldn't hear Reunion on 2446 at high noon in the midwestern US" attitude. That can only be good for credibility and for the encouragement of the development of necessary DXing skills in those new to the hobby. John Moritz noted in the February FRENEX that the hobbyist has become more sophisticated, reporting full text IDs for many of the rarer stations. In recent years we have seen, among some, specialization in certain areas of DXing. All this has, I believe, contributed to the body of knowledge useful to the DXer, and to the health of serious DXing. It results from an approach that says, about any area of endeavor, "If I'm going to do this I'm going to give it the time and effort to do it correctly." Serious DXing, far from being dead, is growing.

I'm glad you didn't ask what I think of current trends in SM broadcasting, because I'd have to say that too many stations are broadcasting rock and I'd rather hear music. Wonder how that sounds to John-John?

SWC: Thank you, Dan, for what has to be one of SWC's best interviews ever. Your comments are truly "food for thought". Also, thanks to Stu Klein for his help and encouragement with this exclusive interview.

On To The Top by DON JENSEN

Part Four: HOW CAN I IDENTIFY THE RARE DX STATIONS?

OK, you've followed the various tips suggested earlier in this series. You've tuned a signal that may--or may not--be a real DX station. Now you've got to identify it.

This is where the going really gets tough. It's the test that separates the men from the boys, the place where DXing experience really counts.

The first case to consider, strange as it may seem, is just what constitutes an identification?

Identifying a station should be an easy thing, theoretically. Either yes or no, go or no-go! Practically, though, station identification comes in varying degrees of certainty. Although this certainty spectrum is a continuum from total certainty about a station's identity to complete uncertainty, let's divide it into four broad brackets.

POSITIVE IDENTIFICATION: You're 100 per cent sure of the station's identity because you heard the ID announced. There are other ways to positively identify a station, of course. For instance, if you hear "Moscow Mallbag" you don't need an ID to know you're tuned to Radio Moscow. Now all this is a snap when you're dealing with strong signal stations broadcasting in English. But our topic is rare DX and identification of these outlets is harder because they're usually weaker, plagued with QRM and broadcast in languages other than English.

TENTATIVE (or Probable) IDENTIFICATION: No definite ID is heard, or if heard, not fully understood. But various clues in the programming, etc. lead you to believe strongly that you are hearing Station "X".

POSSIBLE IDENTIFICATION: Again, no station identification heard, but some factors lead you to suspect you've logged Station "X". However, those factors might also apply to other stations. In short, your degree of certainty as to identity is rather low.

UNIDENTIFIED: Here you either have no idea, from announcements or program details, as to the identity, or you have a very low degree of certainty as to which of several--or many--possible stations you may be hearing.

Broadly speaking, a reception report is always justified when a station is positively ID'ed. A report is never justified with an unidentified station. In the mid-ranges of ID certainty, even experienced DXers differ as to when a reception report should be sent to a station. The following represents the author's viewpoint.

If you strongly believe, based on a number of factors I'll discuss in a later article, that you've heard a certain station, coupled with some pretty convincing program details, a report may be sent to the station on the strength of tentative identification. But that report should spell out that you didn't positively ID it. It should mention the reasons why you believe it to have been the station reported. And you should ask that it be verified only if the station authority is convinced it is correct.

Rarely should you report a station on the strength of a possible identification. A report seeking a verification is justified only when you've noted some especially unique factor that could apply only to the station in question. Example: You think your station possibly could be Station "X" and during the course of your logging, a transmitter problem knocks the station off the air at 1413 GMT. It is very likely that the station could determine the accuracy of your report on the strength of this detail.

The sensible rule of thumb to follow in most cases is report those stations which you know or strongly believe you logged. The burden should be on you, the DX'er. When in doubt, don't rely on the station's QSL to resolve those doubts.

NEXT MONTH...The factors involved in identification.

¡PARA LOS DXISTAS ACTIVOS! Keeping tabs on the Latin American political scene is no easy task. Lucky for us, ace Florida DXer Steve Reinstein has managed to shed light on this mercurial part of the world. The following list represents a who's who of current political leaders in Latin America. The number in parenthesis indicates the respective age of that person.

ARGENTINA - Reynaldo Bignone (54)
 BELIZE - George Cadle Price (63)
 BOLIVIA - Hernán Siles Zuazo (69)
 BRAZIL - João Baptista de Figueiredo (64)
 COLOMBIA - Belisario Betancur (59)
 COSTA RICA - Luís Alberto Monge (57)
 CHILE - Augusto Pinochet Ugarte (67)
 DOMINICAN REPUBLIC - Salvador Jorge Blanco (57)
 ECUADOR - Osvaldo Hurtado Larrea (44)
 EL SALVADOR - Alvaro Magaña (57)
 GUATEMALA - Efraín Ríos Montt (57)
 GUYANA - Linden Forbes Sampson Burnham (60)
 HONDURAS - Roberto Suazo Cordova (56)
 MEXICO - Miguel de la Madrid Hurtado (48)
 NICARAGUA - Daniel Ortega Saavedra (38)
 PANAMA - Ricardo de la Espriella (48)
 PARAGUAY - Alfredo Stroessner (70)
 PERU - Fernando Belaúnde Terry (69)
 SURINAM - Desi Bouterse (35)
 URUGUAY - Gregorio Alvarez (57)
 VENEZUELA - Luís Herrera Campins (58)



Steve has drawn much of his information from the Miami Herald, which he notes is an excellent source of Latin American news. Thanks Steve!

IT SOUNDS TO ME!

John J. Moritz, Jr., 4779 Pine Trace, Youngstown, OH 44518

ON HELPING OUT...

The thought occurred to me again the other day. It has ever since I first became associated with *Frendx* back in 1974-1975. The ratio of members to contributors among our group.

Ever since I can remember *Frendx* has run on the talents and contributions of less than one hundred people, sometimes around fifty people. Today there are probably over 2200 members of NASWA who subscribe to the monthly bulletin. Yet, there are still less than one hundred contributors. A sad ratio considering our huge number.

I have thought the thing over many times over the years. Why is this? Should it be? I have never personally been able to justify or rationalize it in my own mind, so this month I present it to you, the grateful dead. I should qualify that. I present it to the 2100 grateful dead who eagerly receive *Frendx* each month, not the 100 who eagerly contribute to and receive it. With 2100 of you out there perhaps one of you can give me that illusive answer I cannot find on my own.

I know about the people who contribute, so I must address my comments to the vast majority of you who do not. I do not know anything about you! But, that is the point here, no? I mean, this is a hobby, right? It is your hobby, right? So, why don't you share your feelings with us about your hobby? It is a rather simple thing. A logging. A comment about a new schedule. A clipping from the local paper about some hobby related matter. A QSL. An opinion on something. I mean, you must have an opinion about *Frendx*. But, you all fail to share any of the above with us. My dictionary defines grateful as "feeling or expressing gratitude; thankful; appreciative". Why do you belong to *Frendx*? Do you belong solely to suck the information from the log report sections each month for your own benefit? I really do not think that is the case, but sometimes you make it appear like that. Do you belong merely because it tells you where to tune and when to tune? Maybe, but that presupposes that you actually listen. If you listen something must affect you from what you hear. So, tell us about that!

Do all 2100 of you realize that *Frendx* has come under attack over the last two years because of this? We have been chastised for not being better, for sitting on old formulas and such. The criticism is just and correct in most instances. Even this editor feels the same and has said such. Why? Because I can see better things for *Frendx*. We live in the eighties and our bulletin should reflect that. Instead, we harken back to tried and true formulas which just don't get it any more. But, we are stuck with this because of you. That is right. *Frendx* cannot move into the eighties without your consent and help. Help! Oh, that is the key word here, folks. How many of you have bits of knowledge that would help your fellows in *Frendx*? Something that might repay your debt of knowledge to the 100 or so people who have made *Frendx*. But, you never do anything about it. We are not talking here of the thrill of seeing ones name in print, we are talking here of sharing the pure joy of listening to the radio. You all must experience that joy or you would not be members. There must be something about that joy that moves you. Can't you share it with the bulletin that you have taken so much from over the years? Can't you give back just a little of what you took? Can you imagine what kind of bulletin we would have if just 100 more of you took the time to share? We might be forced into expanding and adding our bulletin. Perhaps a program section. Perhaps a specialized section dealing with certain dx matters. The possibilities are never ending. But, without your help they will never be, we will remain the same.

Has it ever occurred to any of you that *Frendx* could be better? Has it ever occurred to any of you that we could have lengthy pieces dealing with current affairs that affect us as hobby listeners? But, this is all on the come. You must gamble on it. It could be. But, I would bet good money that it will never be. You are all too selfish to change this bulletin. You are all too set in your ways to see any change. It is akin to some people seeing things the way they are and being content. Others see things the way they could be, and say why not? Isn't this what Robert Kennedy said many years ago? But, we must go one step further and actually carry through with our ideas. "World Communications Year"... That is what the current WRTVH pronounces on its front cover. Only you can answer that, only you can live up to that challenge. The challenge of communicating with your colleagues. The challenge of being grateful and showing it. But, I am betting against each and every one of you. I think I know you all too well after nine years with this bulletin.

IT SOUNDS TO ME (cont'd)

Give me wrong. Start by telling me why you don't contribute. That is right, tell me why you do not contribute to your own bulletin. Next month I will reserve my two pages for your comments. I bet none of you will answer this challenge. I bet that I will have two blank pages next month. But, if you do decide to answer this challenge it would go a long way toward helping out...

HE JUST SITS THERE AND LISTENS

by Al Sizer

My wife was trying to explain my hobby to a woman who worked in her office.

"He listens to shortwave radio."

"Oh", said the other woman, "he's a ham radio operator."

"No, he doesn't talk to anyone. He just listens."

"You mean to say" was the incredulous reply, "he just sits there and listens."

Yes, Lady, that's what he does and has been doing for 15 years now.

Pretty stupid, eh?

But what has he heard?

Tangos from RAE in Buenos Aires.

Rumbas from Radio Habana (and a lot of propaganda).

"Radio Liberty" telling the British soldiers in ships off the

Falklands that they're missing a lot of good football at home.

The zany call of the kookaburra bird from Radio Australia.

The cry of the fish eagle from Radio Zambia.

The Bow Bells from the BBC.

"Er sucht ein bruder seine bruder" from Deutsche Welle.

"Yankee Doodle" from the VOA.

From the African jungle "Be Still My Soul" (hymn to Sibelius'

"Finlandia") and the faint words, "This is the Voice of Biafra".

A somber hurricane warning in 1971 from Turks Island Radio (after a call from Ed Shaw that they were on the air).

The sign-off prayer call from Sana'a in Yemen.

The beautiful prayer read by a clergyman at the end of each day's broadcast from the Windward Islands Broadcasting Service.

Greek bouzouki music from the Voice of Greece.

A Russian baritone in an aria from "Boris Godunov" via Radio Moscow.

Hi-life jazz from Bata on a New Year's Eve in Equatorial Guinea.

A hora from Kol Israel.

Afro chanting and drumming from Garoua in the Cameroons.

Huaynos from Peru.

Mariachis from Mexico.

An Arab female vocalist wailing a popular song from Gaire.

Tribal music from New Guinea.

Calypso rhythms from Cayenne in French Guiana.

A large cathedral congregation singing an Easter hymn on the BBC.

A midnight mass from the Vatican.

Recitation of the Rosary from Jesus del Gran Poder in Ecuador.

Polynesian music and talk from Papeete in Polynesia (but lately,

more often, rock)

Rock from WRNO, Saipan and American and European pirates like

Radio Nordsee International.

Louis Armstrong and other great American jazz artists on Willis

Genover's VOA Jazz Hour.

Plays, short stories and poetry from the BBC.

Familiar tunes of my older generation, like "Oase in Achille", from an Indonesian regional.

A Strauss waltz from Vienna.

And a polka from Warsaw.

The news from around the world, often before it makes the newspapers in America.

But most of all, a multitude of languages, a sampling of cultures, a knowledge of geography and an understanding of my fellow man and woman that have all made me feel I was uneducated before I found out about shortwave.

That's what I hear, Lady. That's what I listen to. And for you and those who think like you I can only repeat the Bible's admonition:

"They have eyes, but they see not.

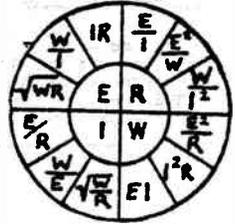
"They have ears, but they do not hear."

Finis.

TECHNICAL TOPICS

ED C. SHAW

604 GREEN RIDGE COURT, LEXINGTON, KY 40503



Much of my correspondence in regard to projects surrounds the difficulty in obtaining parts. Being one to keep a rather large stock of various and sundry components, I never appreciated that this was a valid consideration for the casual weekend tinkerer. Very often, the neighborhood Radio Shack does not carry, or has discontinued theretofore common parts. As a service to NASWA readers, I include herewith a listing of a few mail order electronics with which I have done business for many years. In ALL cases, write for the company catalog and include \$1.00 for defraying costs and mailing. It will be worth it. Shop discriminately; one or the other may be having a parts sale. Many will require a minimum purchase amount. In any case, you will be pleasantly surprised to find that the expensive variable capacitor you used to find for \$7.00 at Radio Shack might sell 10 for \$8.90 in one of the parts houses.

EOLIE ELECTRONICS
2700 Hempstead Tpk
Levittown, NY 11756

ALL ELECTRONICS
Box 20406
Los Angeles, CA 90006

ETCO ELECTRONICS
Route 9, North
Plattsburgh, NY 12901

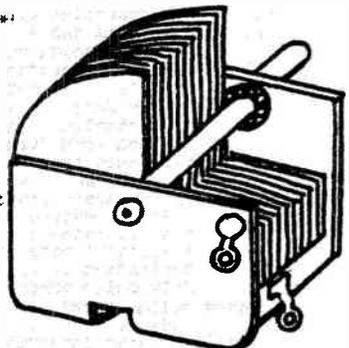
POLY-PAKS ELECTRONICS
16-18 De Carmine Street
Wakefield, MA 01880

Some of these companies offer a WATS line for orders only, and accept VISA or MC orders.

'LECTRONIC LESSONS: The Variable Capacitor

What does it do? What is meant by 365mmF when referring to variable capacitors? Tinkering hobbyists ask these same questions often enough to merit a general lesson to readers.

The variable capacitor takes several shapes, but it essentially is a stack of metal plates on a common rod which rotates and meshes with the plates of a fixed sort, all mounted within a metal frame. The movable plates are called the ROTOR, and fixed plates are called the STATOR. Each has a terminal for affixing a wire to it.



Variable capacitors come in all values and from micro-sizes like peas which are tuned with small screwdrivers...to large air-spaced monsters for use in tuning high voltage transmitters. Somewhere in between is the common table radio standard variable capacitor with two sets of plates within it. One set may be the common value of 365 mmF and the other set 140 mmF. Why there are two sets of these particular values have to do with the technical reasons why heterodyne receivers works, and that isn't necessary right here to explain it.

The story behind the use of 365 mmF as a standard is somewhat interesting, however. I don't know which came first, the capacitor value or frequency assignment, but it so happens that 365 mmF used with any inductor coil, or choke, will provide a 3:1 frequency response. That is..if your inductor response is 15 MHz, then the 365 mmF capacitor will permit that inductor to be tuned down to as low as 5 MHz. If the top end should be 1605 KHz, then the lower end will be 535 KHz. Recognize that spread? Of course, it is the

MW broadcast band. Some persons might remark that the frequency assignment actually is only 540 to 1600 KHz, which is true...if you do not consider the sideband spread...which is about 5 KHz each side of the carrier frequency. Why do you think stations are supposed to be 10 KHz apart in the U.S.? Well, so much for the capacitor story. Not many persons know about it.

'LECTRONIC LESSON' The Inductor Coil



Inductor coils, or chokes, are an equally important part of many hobby projects along with the vari-cap, since it must be used with a vari-cap to give correct frequency response. Keeping in mind the 3:1 ratio story, I am providing here a list of choke values and the frequency ranges they will provide.

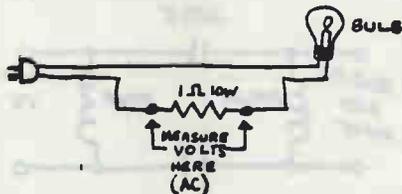
240 microHenry (uH)	535-1605 KHz
30 uH	1.5-4.5 MHz
4 uH	4.0-12.0 MHz
.7 uH	10-30 MHz

Exact values are not necessary. Anything can be used as long as the 3:1 spectrum allows your desired frequency to be covered.

The examples shown allows four (4) chokes to cover all of the hobby spectrum from Medium Wave up through 30 MHz.

CAPSULE COMMENTARY: Why A Radio Works Essentially, the inductive-capacitive resonance relationship is the basis for all shortwave receiver RF "front end" workings. The tuned frequency is fed through an amplifier stage, mixed with another frequency generated by the receiver circuit called the Local Oscillator or Variable Frequency Oscillator. While the operator tunes the RF up-frequency, the oscillator does likewise internally. As a result, the difference in separation is maintained something like 455 KHz at all times. It is this 455 KHz, or intermediate frequency (I.F.) that you read so much about. There are so many things we can do to the I.F. to make signals more readable. But, how can we hear 455 KHz with our ears, you ask? Well, another oscillator in the receiver generates a 455 KHz signal of its own. When this signal is superimposed on top of the I.F. signal from the mixer, the "455 KHz" part disappears, and we are left only with what we call the modulated audio output...the ordinary tones of voice and music we CAN hear. If this sound like an overly-simplified explanation of your radio, it is...and, I apologize. But, you'd be surprised at how many persons now have a understanding (albeit basic) of how their radio works.

MEASURING AC CURRENT WITH AN AC VOLT-OHM-METER: Is no big trick, but there is a simple way to accomplish it with the aid only of one resistor. Obtain a 1 Ohm resistor of heavy wattage capacity, the more precision the better. Insert the 1 Ohm resistor in series with one lead of the AC power line. Using your VOM, measure the voltage across the resistor, and then use Ohm's law to figure the current flow. **CAUTION,** use at least a 10 watt size resistor and never attempt to read current of equipment drawing more than about 3 amps.



As an example: To measure current being used by a common 120 watt light bulb. Insert the resistor and measure voltage across it. It should read something close to 1 volt. Ohm's Law states 1 Volt divided by 1 Ohm equals 1 Ampere. In this case also, 1 Volt multiplied by 1 Amp equals 1 Watt, so heat generated is well within the ability of the resistor to handle it. **REMEMBER:** Don't allow the wattage heat to exceed the capability of the resistor.

OHM'S LAW: E=IXR
 I= Current
 R= Resistance

In regard to the Feb. article about rediffusion of radio signals via portable radio for around-the-house use, Gary Pearce of Royal Oak, Michigan suggests that Radio Shacks \$7.95 wireless broadcaster kit can be substituted. Merely remove the microphone on the kit and feed your shortwave speaker leads (at lowered volume) into the broadcaster. The 10 foot antenna of the broadcaster will give adequate in-house use. Gary affixed additional line switch and 9V battery eliminator wall transformer. This may be the best after all.

Electronics Overseas Corp. Inc, 170 Cedar Avenue, Hawthorne, N.J. 07506 offers a portable active antenna for use indoors or outdoors in 3 models. Use indoors is governed by how much your room is shielded by metal frames of the building. Outdoor use is limited to length of unit from the receiver and condition of weather. Essentially, the HFA models are similar in construction...a telescoping antenna affixed to a box of electronics. Model 001 is AC powered (\$24), model 002 uses a wall transformer and has two output impedances (\$35), and model 003 (\$26) is like 001, but runs on 9V battery only for field use. Write for the brochure, and provide postage.

Hallcrafters receiver manuals available. Write and mention model for price quote. Ardco Electronics, Box 95, Berwyn, Ill. 60402.

INTERFERENCE FROM TV RECEIVERS (TVI)

All of us have experienced this distinct interference, some perhaps without recognizing it for what it was. The TV picture is swept horizontally by the electron beam 15,750 times per second, using a wave shape that is rich in harmonics...even as high as 30 MHz. If the TV set's horizontal oscillator radiates due to poor shielding or other reason, considerable interference to reception on shortwaves can be a headache for DXers. Current FCC rules require manufacturers to suppress this kind of radiation, but older sets may have had no such consideration. DXers find this interference as a loud buzz...buzz...buzz across their shortwave bands every 15.75 KHz.

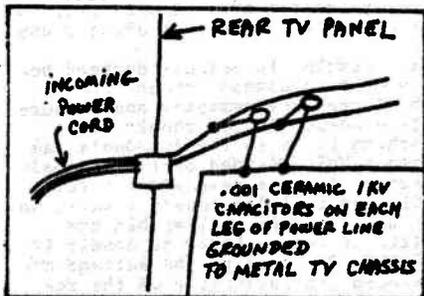
Such radiation usually occurs in one of three ways: through the AC powerline, from the antenna system, or directly radiated from the picture tube area.

Interference from the AC power cord can often be reduced or eliminated by use of bypass capacitors or other filters at the point where the AC cord is affixed to the set. (See illustrations below)

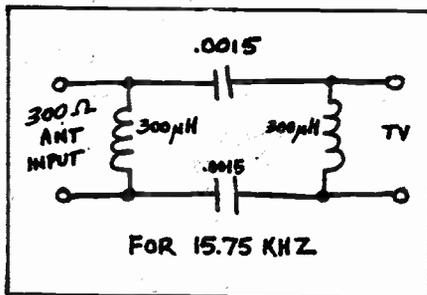
Radiation from the antenna is usually suppressed by installing a "high-pass" filter on the receiver (your TV receiver) (See illustration below)

Radiation from the picture tube itself may require that the inside of the TV set be shield insulated in some safe manner. Some have had good luck by using aluminum foil affixed with "pliobond" type rubber cement. This is more than just common rubber cement. It is a very positive adhering substance that smells badly and holds hard..

Another radiation problem which might cause problems is the color subcarrier of 3.58 MHz, also rich in harmonics at the way up to 30 MHz. Fortunately, only the 41 meter band and the upper limit of the 16 meter band might be affected.



INSTALLING BY-PASS CAPACITORS



A HIGH-PASS FILTER FOR TVI



VINTAGE VIGNETTES



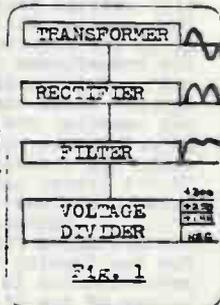
WDX3UPA Bill Taylor, Box 132, Unionville, PA 19375

UNDERSTANDING POWER SUPPLIES

As you wander through your neighborhood auction or ham fest, you may come face-to-face with a piece of vintage gear that so totally distracts you that it must be taken home. The following article is intended to assist you in understanding the power pack. These supplies are indispensable to convenient operation of your set. However, they are also the primary source of breakdowns and problems. Some of these problems can be so severe as to destroy other components and entire stages. A simple inspection using only a multimeter can prove to be your best insurance. CAUTION: the common voltages and currents found in these receiver supplies can severely shock you! Work inside the chassis with one hand only. If you have an isolation transformer, use it to deny AC powerline shocks through ground.

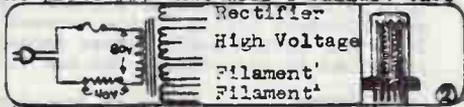
POWER SUPPLY STAGES

The block diagram in Fig. #1 shows the primary components of a power supply. The transformer is used to convert the AC line voltage to any of several AC secondary voltages used for filaments and the high voltage "B" supply. The "E" voltage supply is then fed to the rectifier for conversion to heavily rippled DC voltage. After having been rectified, the "B" supply must be filtered to remove the ripple pulses. This filter may be either capacitive or inductive in nature according to the first component to be encountered upon leaving the rectifier stage. The final stage of the power supply is the voltage divider. These power resistors provide for a poorly regulated (relatively) source of different high voltages for use in the set.



TRANSFORMERS

The transformer stage may be found in any of several configurations. The basic configuration consists of a 110 VAC primary coupled to several secondary windings for filaments and high voltage. There are several variations which may be encountered within this general configuration. The schematic shown in Fig. # 2 shows a late twenties AC prototype that uses a ballast tube to regulate the transformer stage. The ballast tube (inset) is composed of a standard tube base to which is mounted a thick mica sandwich that is used for mounting resistance wire coils (iron alloy). The ballast for a primary will drop the voltage across the primary to approximately 75 or 80 VAC.



The primary may be fused. If it is, the correct rating for the fuse may be based upon a draw of the supply. Most of these early sets drew between 80 watts (0.66 A) and 150 watts. The 500ma setting of your multimeter may be used to calculate the current of the high voltage secondary when it is inserted in series anywhere along the B+ line. There are certain inductive losses in a transformer which require that the primary power consumption is greater

Uh, sorry Bill, but I need this space to mention some of the features coming up...in-depth profiles on the active LA clandestine scene by Steve Reinstein, Al Sizer with a special report on "The Mystique of the QSL", a talk with propagation expert George Jacobs, getting those LA veries by two of the hobby's best DXers, a look at Sherwood Engineering, and lots more....so, dust off those receivers and, by all means, read John's comments and CONTRIBUTE!!(JH)

than the sum of all the secondary windings. Hence, the fusing may be found from the following equation: $I = W_{sec} \times 1.25 / 120 \text{ VAC}$; where I is the total primary current in amperes, W_{sec} is the power consumption of the secondary windings in watts multiplied by the inverse of the transformer efficiency (here 80%).

It is important to note that the total wattage of the secondaries requires calculating the number of tubes operated from each filament circuit multiplied by their filament current. Hence, according to Fig. # 2, if the "Rectifier" winding operates one type 80 at 5 volts/2 amps, the circuit uses 10 watts. The HiVolt winding supplies 550 volts at .115 amps for a total of 63.25 watts. (Note: a tube manual is necessary to calculate the amount of current drawn by each and all of the tube plates and screen grids). The first filament winding operates (for instance) five type 27 amplifiers that each require a filament supply of 2.5 volts at 1.75 amps. The winding must then produce 2.5 volts at 8.75 amps for a total of 21.9 watts. Finally, the power amplifiers are operated from the second filament winding. If these are two type 45 tubes that require 2.5 volts at 1.5 amps, the power drawn is 7.5 watts. The sum of these power requirements is the total secondary power under load ... 102.65 watts. Note above that a center-tapped winding is actually drawing twice the supply voltage through the winding. It taps half of this voltage on each half cycle. The primary current of the transformer in question would then equate to the following ... $103w (1.25) / 120 \text{ VAC} = 1.07 \text{ amps}$. In this instance, a 1 1/2 amp fuse should be used.

Now that we have a value of primary current, we may then go on to figure the resistance of the ballast tube as well as its wattage. Ballasts can generally be relied upon to create a great deal of headaches. A true ballast is so engineered as to increase its resistance as excessive current is drawn through it. Some manufacturers used resistor tubes not having this regulatory function. Both of these components were essentially the same: high wattage power resistors. They are difficult to locate now. The following equation will serve to make their replacement easier. $\Omega = E_d / I$, where E_d is the required voltage drop (usually 40 volts - 120 less 50 volts for the transformer primary), I is the primary current ($I = W/E$), and Ω (omega) is the resistance in ohms. The power rating, W, of the ballast is simply the current times the voltage drop across the ballast resistor, $E_d \times I$. As per our example, the ballast should be approximately 33 ohms and not less than 50 watts. An adjustable power resistor may be used to bridge the socket under the chassis, or it may be potted in an appropriate tube base shell. If the latter option is used, a piece of ABS pipe should be cemented to the base to enclose the entire height of the resistor as a safety measure.

Another feature to be found on many early transformers is the center-tapped filament windings. Fig. # 3 shows the simple configuration for two tapping options. In # 3a the winding is directly tapped, while a potentiometer is used in # 3b to find the electrical center between the two halves of the filament circuit. These taps are used for two reasons: first, as a circuit to return the plate signal back to the heaters or filaments, and secondly, to reduce any latent AC hum in the AC filaments. If a resistor has been used in your set, it will probably be found that it is a screwdriver trimmer type of a value approximately 1/10th of the current (10 amps/1A). In either option small bypass capacitors are recommended to help reduce the hum (.01 or less @ 500 v).

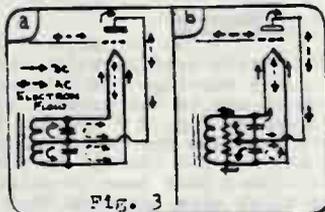


Fig. 3

Another transformer filter which, if not pre-existing on your set, should help reduce hum in the output, is to bridge the primary with small value caps (.001 to .01 @ 500 v). The circuit in Fig. #4 represents this very effective filter.

Finally, the last common transformer circuit is also illustrated in the drawing in Fig. # 4. Many early AC models had variable primary taps for use in different parts of the country. These taps covered 100-110 and 110-120. Some makers produced transformers with primary taps covering 90 to 140 volts plus several 200 volt windings.

Next month we'll continue with the rectifiers and start on the different filter circuits. In May, we'll finish the filters and cover the voltage dividers. When the series is through, you should be able to examine, analyze, troubleshoot and improve the power supply in that old walnut and mahogany cream-puff in your attic.

73 de Bill

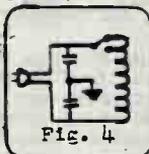


Fig. 4



MARCH 1983

Listeners Notebook

GLENN HAUSER, Box 6287, Knoxville, TN 37914

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AFGHANISTAN ▶ R Afghanistan hrd w/Pgm I as early as 1200 on new 7196.7 // 4740--presumed USSR relay (Finn Krone, AWR DK 19/12 via Jan DSWCI SW News) which, both? (gh)

ALGERIA R Algiers AR Net hrd on new 9498, thot to be used most of day, best at 0700 nx; also hrd here past 2200; // 9640. EG continues hrd on 15160 & 15215 2000-2030 (Craig Seager, Forbes NSW, RA Japanese DK Time 6/2)

ANGOLA unID site on 7203v, first hrd 23/1 0420-0715/, nice Af guitar mx, unk lang, 0630 gong, nx, many ments of Angola, PT-related lang, 0638 nx ends. Next night drifted up to 7204, tough to separate from 7205, didn't seem to come on till around 0415. 0500 KXA ID, not hrd since. Seems regional (Garth Rotramel, AR, OMDC DK Log)

ARGENTINA RAE hrd 3/2 on 15345 at 0100 EG, fq in sked, but never hrd before (Craig W Krist, Falls Church VA) more. Last Minute Information, last page of this LN

AUSTRIA ORF fq changes since 13/2: WMan 0400-0600 9655 ex-5945 [incl EG 0430-0500, incl SW Panorama GMT Mons]; CAm 0200-0400 11665 ex-9515; EAs 1200-1300 15290 (ASWP 12/2)

BAKGLADESH R Bangladesh hrd lately on broken fq 9616.5, in Nepali at the best time to hear them, 1315 (Finn Krone, Denmark, AWR DK 19/12 via Jan DSWCI SW News)

BELGIUM The new "Radio World" on BRT Wednesdays (also GMT Thursday in US) will, per Frans Vossen, sometimes have items that could not fit into the Sat bc and sometimes be a repeat of the Sat bc (Craig W Krist, VA, 6/2) You mean Sun/GMT Monday (gh) More, LMI

BOLIVIA A correction about the Play-DX item saying R Santa Ana is carrying out tests on 4805. I'm a member of SWB, the source of the item, and the only info on this we had is this "R Santa Ana on 4885 says in a QSL to Gordon Darling, that they are planning a frequency change to 4805." We haven't logged them so far on 4805, contrary to the report (Stefan Bursell, Norrköping, Sweden) more, LMI

R Movima, 4473, Santa Ana del Yacuma, poor to fair 18/1 2310, YL & local mx; watch out for Moscow in Russian on 4475 (R Cotroneo, Milano, Play-DX 31/1)

Rdif Puerto Suárez, new stn on 4535, first hrd 16/11 2300 by Cristián St Germain, Rosario, Argentina (Emilio Pedro Povriženić, Villa Diego, Argentina, AWR DK 12/12 via DSWCI)

BRAZIL An apparent address error in the WRETVH 1983: 4955 kHz, stn 391) is actually the call letters and addr for R Cultura de Campos. R Marajoara is actually stn 416) (More such corrections at ECUADOR; PERU) (Kevin Mikell, Park Ridge IL)

R Aparecida hrd 17/1 on new 11847.3 at 0000-0258* w/Braz mx, QRM de RCI; //6010 & 5035 but anncg 11855. By 6/2 had drifted up slowly to 11851.5 (Ernie Behr, Ont)

Cf Feb LN-26; am 100% sure that OC on 6154v is R Cultura da Bahia; in Apr 81 had barely audible mod a few days & s/off exactly same time as // 9595v (Behr)

R Universo hrd 16/1 on 11905.4 0400-0600+, all relig pgm, // 9545v; maybe on 24h sked ("")
R Nacional now anncg new stns at Pôrto Velho & Fernando de Noronha, but only on FM (Behr)
Wy surprised to hear R Nac da Amazônia on 15455 at usual loudness 2122 5/2 and // 11780. Back to 15445 at 2331 recheck. A famous "punchup" error? But how often do they move this xtr,

anyway? (Dave Newkirk, Seattle WA) R Nacional of Brazil, Radiobrás Intl Svc, Brasília: 1745-1800 PT, 1800-1900 EG, 1900-2000 GM Eu 15390. 2045-2200 PT Af/Eu/SAs 15280. 2100-2200 GM Eu 17720. 2345-2400 PT C&NAM, 0000-0100 SP LAm 9665. 0145-0200 PT, 0200-0300 EG C&NAM 17830 & 15290 (WBI 10/2) The PT nx at :45 reported elsewhere as weekdays only (gh) more, LMI VOA relay, 17885 1228-1245 P-P in SP 31/1; no trace of 15170 here (Terry L Krueger, FL)
R Capital, Rio, 6195, *0800v-0845 in Jan, P-F, fq ancd along w/midumwave (Hirata, Hirahara, Sekiguchi, Tanaka, Kiyota, Radio Nuevo Mundo, Japan)
R Dourados, 3375 6/1 0807-0847 VP-P, IDs 0820 & 0834 (Hirata, Radio Nuevo Mundo)

BULGARIA Analysis of available data, and comparisons with ITU info suggests that R Sofia usage of hi-powered xmters at Plovdiv is as follows: 0400-0500 EG, 0500-0700 Mon-Sat (Sun to 1000), 2130-2200 EG, all on 7115. On 9665: 0500-0600 SP, 0600-0700 Mon-Sat, 0600-1000 Sun. The period 0500-1000 on 7115 and 0600-1000 on 9665 has various Eu langs. The same two xmters seem used for certain R Moscow bcs: 7115 WS 2230-2300, EG [NAM] 2300-0400. 9665 LAm SP et al. 2230-0500; 15135 WS 1000-1500. 7115 & 9665 listed by ITU THFBS as Sofia and 15135 as Vinnitsa [USSR]. Of interest is that there are no R Sofia bcs to external audiences between 1200 & 1400 (Bob Padula, Surrey Hills, Vic., 30/1) Siesta like R. Beijing? (gh)

CHINA [Cf Jan LN] Reports on 6290 as the Běijīng Municipality Stn are somewhat ambiguous. The svc on this channel is the CPBS Std Chinese pgm for SEAs, *2230, 2300 continuing in Cantonese. It parallels a variety of other outlets, incl 15330 15250 11980 5220 etc. Anncs as "Zhongyang renmin guangbo diantai" as do all CPBS Network 1 & 2 outlets. As a matter of general interest, a private source I have access to advises that this xmt is at Urumqi (Bob Padula, Surrey Hills, Victoria, Australia, 23/1)

[Cf Feb LN] Don Moman's 4524.5 unID is likely Nei Mangu //6974 from ZRC. See clipping p. 4 Feb FRENDR--maybe this explains Ham-Ad in QST for past couple of months: "Radio Peking extending an invitation to AREL listeners (eh?) to visit China. Group forming for 20-day visit. Further info write or call Paul Hale, 1619 N Royer, Colorado Springs CO 80907." No phone number given (David Newkirk, AK7M, Seattle WA)

Happened to hear weak 11000 at 0015 1/2, later ascertained // 9170; ZRGD Taiwan guangbo Fujian PBS, broadcasting to Taiwan, from Fuzhou (Fu-jian ren-min guang-bo dian-tai, dai Tai-wan guang-bo) [SW fqs only; lots more MW] 0000-0030 Std CH 5040 4975. 0130-0200 Amoy 5040 5975. 1400-1430 Std CH, 1500-1530 Amoy, 1600-1630 Amoy, 1630-1700 Std CH, 2100-2130 Std CH, all on 4975 2340. These ES pgms are part of DS of Fujian PBS, Fuzhou. 1500-1530 Std CH forms part of Pgm II while rest are hrd in Pgm I (WBI 10/2)

Recent monitoring of regionals: Heilongjiang PBS, Harbin, Pgm I on 6150 & 5950, 2040-0630 & 0850-1530 in Std CH; local nx 2200, 0200, 0400, 0855, 1100, 1300. Lang lessons in EG 2120 & 0430; Korean 0300. Pgm II on 4925 4840 2055-2300, 0155-0500, 0855-1355 in Std CH; local nx 0430; Korean lessons 2100 & 0900.

Inner Mongolia PBS, Hohhot on 9750 7300 7105 6845 3970 at 2130-0540 & 0930-1530 in Std CH; local nx 2300, 0050, 0500, 0940, 1100, 1425; Mongolian lessons 0030 & 1430.

Liaoning PBS, Shenyang, 4830 at 2050-0030, 0250-0640, 0855-1500 in Std CH, local nx 2200, 0400, 1000, 1100. Japanese lessons 2100 & 0430; English 0000. (WBI 27/1)

COLOMBIA LV de la Selva, Florencia, 6170, noted reactivated w/nice loud but somewhat over-modulated sig, ranchera mx 1/2 0940; ID plugging a 5/2 celebration requiring 3-color flags to be displayed on cars and motorcycles; QRM'd by Cayenne at 0958 (Chris Lobdell, MA)

Rdif Nacional, 5980.3, G 27/1 1100 w/ID & SP talk, // 11792.8 (Ernie Behr, Ont)
Harmonic of R Sutatenza hrd on 15280, 12/2 2005, 3 x 5095 (Chuck Oliver, Spring TX) That should be 1528; is that where you heard it? I don't recall 5095 varying (gh)

LV del Llano hrd since 22/1 on 4885, 0245-0355, ID, mx, G-E. Probably reactivation after many years of Ondas del Meta xmt, now used by Llano, already operating on 6115 (Dario Monferini, Italy, Play-DX) more, LMI

CUBA R Havana DS reported 27/1 that "beginning tomorrow" there'd be pgming changes in the country's two TV channels. Tele-Rebelde'd become an "informative-sports channel, whose pgming style will not follow a fixed time-table" (WBI 3/2)

CHILE R Nacional, 15148, 5/2 0150 beautiful sig, just drifting, I guess. "September Morning" Also 2105 12/2 separable from RCI on 15150 (Chuck Oliver, Spring TX)

DOMINICAN REPUBLIC On 5/2 I received a full-data QSL from R Clarín. The report was sent in 8/11/77 during Rudy's hey-day (Walter Kunz, Dunmore PA) Awakening from slumber....

ECUADOR Error in the WRTH 83: Stn 27), 4920 actually has the addr and call letters for R Quito, R Casa de la Cultura is stn 174), listed last year on 4930. I have found it is a good idea to check the WRTH stn number in the SW section with its counterpart in the MW section of a country to see if they are one and the same (Kevin Mikell, Park Ridge IL, 27/1)

HCJB M83 changes in EG: Ams 0500-0700 11910 ex-11915; 1900-2000 & 2130-2200 17790 ex-17825. R Nacional will begin being on 15115 2200-0030 as of 7/2, SP to SAm, pgms such as Letter from Ecuador, Believer in the Caribbean, Ecuadorian Music. One hour nx 2300-2400 w/ Quechua 2330. Addr R Nacional, Castilla 13, Quito; dir. Eduardo Zurita (DXPL 6/2 via Krist)

A different addr is actually ancd. Did Clayton Howard make it clear that this is carried via HCJB facilities, as it obviously is? It has taken the Ec govt a long time to take advantage of the foreign-owned intl broadcasting plant for its own purposes (gh)

R Cultural Antena Libre, 3239.9, Esmeraldas, 17/1 1115-1157, US pops, pasillo, ID w/fq as 3240 (Takayuki Inoue, Tokyo, Radio Nuevo Mundo)

Escuelas Radiofónicas Populares, Riobamba, was on 5022.4 from 1115 15/1 w/strong, distorted sig, jumping to 5014.5 every 20-30 secs, messing up the band (Ernie Behr, Ont)

R Bahaf, Otavalo, 4996, 18/1 0353-0359, closing ID & MA; the Russian timesig on 4996 as silent 03 56-0359 (Pierino C---, Play-DX, Italy)

EGYPT R Cairo ES: S6SEAs: 1115-1215 AR 17920, 1130-1215 TI 21465, 1215-1330 EG 17920, 1215-1345 IN 21465, 1330-1430 EN 17920, 1345-1430 ML 21465, 1430-1530 HD & 1530-1700 UD on 17690. NGME: 1500-1600 Pashto 15175, 1645-1745 TK 9720, Af as "V of Africa": 1530-1630 SM 15155, 1530-1730 SH 11975, 1600-1645 ZL 17785, 1630-1730 AF 15155, 1630-1830 EG 15255, 1645-1730 Shona 17785, 1730-1815 Ndebele 17785, 1730-1830 AH 15155, 1830-1915 Lingala 15255, 1830-1930 Wolof 15375, 1900-2100 Hausa 15210, 1930-2030 Bambara 15375, Fulani 15335, 2030-2200 EG 15375, 2030-2230 FR 15335, 2100-2200 YB 15210. Eu 1800-1900 IT, 1900-2000 GM, 2000-2115 FR, 2115-2245 EG all on 9805. Ams 2215-2330 PT 15420, 2300-0200 AR V of Egypt 12000, 2340-0040 AR S6CAm 11825 9740, 0045-0200 SP 11715 .9740 9475, 0200-0300 AR NAa 9675, 0200-0330 EG 12000 9475 (WBI 27/1)

EL SALVADOR R Havana ES 27/1 quoting R Farabundo Martí reported that commandos of the FMLN had occupied a radio stn in San Salvador & xmted a revolutionary message (WBI 3/2)

FRANCE In answer to a listener's request for longer EG pgms, an ancr in RFI Paris Calling Africa svc 3/2 said this was unlikely to happen. However, in a few months, it was possible that there would be an addl PCA svc at 0400 (WBI 10/2)

RFI obs on 9790, FR to Af from as early as 2045, maybe intended for LAm, as this channel previously opened at 2200; 21/1 (Bob Padula, Australia, 23/1)

GERMANY EAST Some obs and analysis of the D82 RBI sked may be of interest: Presently, a maximum of 11 SW xmtrs is available for external bcs. These are at Nauen--3 x 500 kW, 2 x 100; Rönigswusterhausen--4 x 100; Leipzig--1 x 50, 1 x 100. The 100 kW units are operated at half power at certain times. Bcs span the full 24h period. Between 1030 and 1100, there is only one SW xmtr in use. Max number of xmtrs, 11, is operative between 1100 and 2330.

Pgms are the RBI presentations, plus "Die Stimme der DDR", GM svc for Eu, latter using 6115 via 100 kW Rönigswusterhausen 2300-1615, and 7185, 500 kW Nauen 0730-1000.

Leipzig xmtrs used as follows: 50 kW: 1100-1145 GM Eu, 1145-1500 AR/EG NAf, 1645-2300 various Eu langs, 0530-0615 GM NAf, all on 9730. 100 kW: 1100-1300 GM/AR 17755, 1345-1430 FR 21485, 1500-1845 FR/SH/EG 15145, 1900-2115 AR/EG/FR 9620, all to Af/NE; 2130-2215 IT Eu 9665, 2230-0045 GM/PT/SP 6070 Ams; 0315-0615 GM/PT/EG Af 11960.

Svc to FE, EG 0815-0900, GM 0900-0945, EG 0945-1030 on 21540 is currently from one of the big 500 kW xmtrs. 1615-2300, 6115 takes RBI pgms for Eu in various langs. This info based on analysis of RBI offl D82 sked, ITU THFBS, and monitoring here (Bob Padula, Jan ADKX)

GERMANY WEST or UKOGBANI? AFN 4425.6 USB pgming 0310-0530 7 & 8/2. T/in on 7th to disco pgm, only occasionally // AFRTS (i.e. 0500 rx). Suspect the same opn hrd one day only last year on 9243 w/local AFN-Europe Frankfurt ID. Weak, and very poor due to WOM on the same (Terry L Krueger, Casselberry FL)

GHANA GBC ancd that from 26/1, new xmsn times for radio & TV'd come into opn, "to avoid an imminent total breakdown of GBC services arising out of ageing equipment and inadequate studio and transport facilities". Radio sked: Weekdays GBC1 0545-0805 & 1245-2205; GBC2 0545-0805 & 1655-2205; Sat & Sun both 0545-2205. Earlier closing times confirmed 26/1 (WBI 27/1)

GREECE VoG hrd on new 9517.3 in GK 2000, 2100, 2200, 2300 15/1, poor w/QRM; on 7305 in 0500, both // 9865, except at 2300 (Ernie Behr, Ont)

GRENADA RFG noticed on 15103 at 2110 4/2, cricket match (Chuck Oliver, Spring TX)

GUATEMALA Per report from Cadena de Emisoras Unidas 15/1, a 'subversive' organization'd QRM-ed a commercial radio bc in Guat City 13/1, and'd bc anti-govt msg of 15-20 mins. Fq overridden was 1510 kHz, used by R Centroamericana. Several days previously, R Continental's in Guat City was also overridden by anti-govt msg (WBI 27/1) R-TV Guat reported 27/1 that R Istmania's xmsns'd been over-ridden by woman reading anti-govt msgs and that it'd later been established that the stn's sig'd been covered by a portable xmtr (WBI 3/2) Not easy to override an AM signal locally w/out a great deal more power. I suspect this was actually done by overriding the FM studio xmtr links, where small power in the right place, combined with the capture effect, can completely blot out the intended source (gh)

R Cultural sent me this sked for 3300, 5955, 9505: Sun *1200-0030 Mon SF. 0030-0430 Mon EG, 0430-0830 Mon SF. Weekdays & Sat: *1100 SP; M/W/F 1115-1135v Mam; T/T/Sa 1115-1135v Kekchi; 1135v-1200 daily Mon-Sat Cacchiquel. 1200-0300 SP; 0300-0430 next GMT day EG, 0430-

0830 SP. Addr is Apartado 601, Guatemala, Guatemala (Nolan Staphany, Williamson WF)
HONDURAS see L M I

INDIA AIR hrd under R Tanpa on 3925 w/IS 1328-1329:55 time pipe 21/1. Miserable India coverage in WRTH 82 stumped me for a while, and didn't want to wade thru the NL copy looking for something I wasn't sure would be there, but 83 WRTH shows 10 kW there de Delhi 1330-1415, among otherthings, so pleasant surprise explained (David Newkirk, Seattle WA)

INDONESIA RRI DS currently obs 2200-0100, 0500-0800, 1000-1610 exc Sun when 2200-0800 & 1000-1610. Nx at 2200-2210, 2300-2330, 0000-0030, 0500-0515, 0600-0615, 0700-0715, 0715-0800=slow speed, 1000-1010, 1100-1110-Capital City Nx, 1200-1230, 1300-1325, 1400-1415=Capital City Nx, 1500-1530 & 1600-1610 (WBI 27/1) No fqs or sites given; only Jakarta meant?

ISRAEL IBA DS reported 20/1 that Deputy Minister of Education, in replying to a motion in the Knesset, had said IBA was reconsidering the decision to switch EG & FR lang bcs from the IBA's Net-D to Net-A (WBI 27/1)

Kol Israel hrd on 7410 0255* SP 8/2; off 7412 now? (Chuck Oliver, Spring TX) ROKR, LMI

ITALY I hrd RAI on 6265, 29/1 0509 w/usual IS, 0510 Romanian. Vy clear xmsn, SIO 333. Appeared to be AM, not SSB feeder. Per 1982 WRTHV, sked fq 6165; 30/1 0445 again hrd stn on 6265, but unID; likely RAI again (Kirk Baxter, KS) Also hrd 29/1 0350 on 6265 IT nx, G, unlisted here in 1983 WRTH (Chuck Oliver, Spring TX) Punch=up error, I guess (gh) WBI 27/1 has a full RAI sked, but since it does not list changes made recently before that date such as [cf Feb LN] 5990 ex-11800 to NAm, it is apparent the publication date of BBCMS skeds does not necessarily mean every detail has been checked up to that date (gh) private stns, LMI

KENYA Per Kenyan TV report 2/2, Commissioner of NE Province has expressed hope that quality of radio reception in some parts of prov'd improve when VOK radio xmt nr Garissa became operational. During inspection visit of new stn, he was informed that xmsns'd begin before end of March. When ready it'd xmt pgms in EG, SH, SM. Commissioner said new stn'd divert attn of some local residents who'd been listening to radio stns in neighbouring countries. Start of radio xmsn in Garissa'd go a long way to improve radio reception thruout northern Kenya (WBI 10/2)

KIRIBATI R Kiribati, 16431, 30/1 1855-1910, lang/EG, best sig yet; ID 1900, into R Australia nx relay. 1911 another "R Kiribati" ID, back to lang. Still unable to hear them at nice (Mitch Sams, AR, OMDC DR Log 1/2)

KOREA NORTH R Pyongyang recently obs in GM 1900-1950 on 11660 9360 6815 6576. FR formerly 1900-2050 is now 2000-2050 on 11985 6815 6340 (WBI 27/1)

KUWAIT KBS hrd on 9840 //9880 16/2 0400, excellent on both (Chuck Oliver, Spring TX)

LAOS Domestic services: Natl Radio of Laos, Vientiane, 2200-0230, 0330-0700, 0900-1600 on 6130, in Laotian, Mong. Significant pgms during final xmsn: 0900-1000 dictation speed pgm =not Sun, 1000-1030 Agitprop feature, 1100-1130 Nx, 1130-1200 "Laos under the New Regime", 1200-1230 Nx (occasional repeat of 1100), 1230-1300 Mong, 1300-1330 LPLA pgm repeat of 2230, 1330-1400 Weekly nx review=Sun, Daily nx review=not Fri/Sun. 1500-1530 Agitprop feature, 1530-1600 International feature programme (WBI 27/1)

Regional Centres: Houa Phan 4652, 2300-0100, 1100-1300 including: 1130-1200 local nx, 1200-1300 pgm in Lao Theung. Luang Prabang, 6977, 2200-0100(Sun 0200), 0400-0600, 0930-1400(Sun 1430), including: 1000-1030 Mong, 1030-1100 Kams, 1100-1130 local nx, 1130-1200 local nx & mx, 1200-1400 relay NRL Vientiane incl nx 1200-1230 & 1330-1400.

Pakse, 6587, 2300-0200, 0400-0600, 1000-1415, including: 1000-1030 local nx, 1030-1200 Lao Soung, 1200-1230 mx relay of Vientiane, 1300-1330 relay Vientiane, 1330-1415 Lao Soung. Savannakhet: no current details available. Udomsai 6859, 2300-0100, 1030-1300 incl: 1100-1130 local nx, 1130-1200 Lao Theung, 1200-1230 nx relay of Vientiane, 1230-1300 Lao Soung. Kiang Khouang, 5608, 2300-0030, 0400-0500, 1100-1200 incl 1130-1200 Lao Soung (WBI 27/1)

LEBANON see L M I

LIBYA Recent survey of SW usage by SPLAJBC shows SW xmsns currently open between 1000 & 1200 on 17930 15450 15415 15235 carrying DS pgms; 15430 replaced 1300-1730 apx by 15380. ES pgm R V of the Arab Homeland, is on these channels 1745+ apx, and 15235 changes to 11815 at apx 1800. During the period VOAE is on these channels, SPLAJBC DS continues on 9600 & 6185 (WBI 27/1)

MALI Bamako opens w/band march & ID in FR 0700 on 7110, then continues w/recorded mx mainly of Arabic type up to 0727 when full ID and mx pgm continues (Arthur Cushen, Jan-Feb NZDK)

MALTA R Mediterranean ancd in EG 21/1 that because of reception difficulties on 5960, it'd be changing SW fq to 6110 as from 1/2, // 1557. FR svc also referred to QRMoscow on 5960 (WBI 27/1) During R Medit EG bc 2/2, ancr said AR svc might move to 1800-1900, while EG'd be retimed to 2230-2330, but nothing definite decided yet (WBI 10/2) Definite, from 21/2, AR 1800-1900, FR 2130-2230, EG 2230-2330 on 1557 & 6110 (RNPM 17/2) Good nx for ENAM

MEXICO XEW again on 15176.3 1400-1830 8/2, but 10/2 on 15160.3 (Ernie Behr, Ont) R México

Intl, XERMX, recently discontinued its "Notimax Informa" rx bulletin 0200-0230; no change in fqs (WBI 3/2)

MONGOLIA Nxpaper Novosti Mongolii in 11/1 ish published this sked effective until 15/4 for RUB ES: Russian Tu & Fri 1130 on 41.3, 61 and 1321 m. EG, not Sun, 1200-1235 12070 7115 6383, 1400-1435 & 1445-1520 12070 7235 7115. FR Mon/Thu/Fri 1700-1800 on 12070 9575 7115 (WBI 27/1)

MOZAMBIQUE R Moz, 3264, 15/1 1800-1830 in EG, ES for SAF, ID & fq at 1815, F-G (Dario Monferini, Italy, Play-DX)

NEWFOUNDLAND Per QSL rxd from CKZN 10/2, power is now 1 kW, more than triple their old power. V/S D. Uttaro (Nolan Stephany, Williamson NY) 6160

NEW ZEALAND Against a background of increasing activity in the Pacific radio world, there is continuing uncertainty about the future of the R New Zealand SW svc. This is currently continuing as a relay of the domestic natl pgm with no spl pgms, and is being funded entirely by RNZ. Tho it is believed that the stn will remain on air until 31/3/83, recent developments in Wellington give serious rise for concern that the plug might be pulled soon after. It is understood that the External Services Division is no longer staffed, and now exists only on paper. If you have not yet verified the stn, I suggest you send your reports in before 31/3, even tho we doubt whether there is anyone there to confirm them for you.

At the time of the threatened closedown in 1982, RNZ was persuaded to continue the svc at its own cost. That decision was made in the face of political antipathy by the Govt and was courageous. A review of alternative methods for keeping a NZ presence on the SW bands was undertaken, and various options for the funding of a new SW svc were explored. It is not known what decision has been made. In World Communications Year it would be wonderful indeed if the recent changes at the External Services Division herald the establishment of a new SW svc. We would like to believe this to be so, but in the absence of any statement from RNZ, it would be realistic to also consider that WCY may herald the attempted closedown of the stn again. We continue to live in hope for the best (Jan-Feb NZ DK Times editorial)

NIGERIA R Nigeria reported 31/1 that govt of Gongola state'd spent 3 megaira to expand svcs of State radio corp and'd also set aside another 3 megaira for improving studios of the stn (WBI 3/2) 1/2 VON reported Dir-Gen of FRCN said the decision by the Fedl Govt to establish radio stns in all states had no political motive. Fed Govt was only implementing one of the pgms in the third natl development plan. Radio stns'd been built in Kano, Gongola, Borno, Plateau, Ogun, Benue, Abuja and Calabar. Others in Enugu, Owerri, Ilorin, Minna and Akure would be commissioned soon. By end of March, R Nigeria'd have offices in all 19 states. They'd be supplementing efforts of the state radio stns (WBI 10/2)

NORTHERN MARIANAS or SAIPAN? Am perpetually intrigued with the proper way of listing this radio country. True, Saipan is an island, but it could also be dismissed as simply being a city due to a USPS-assigned ZIP code. My NASWA country list alleges it to be the "Northern Marianas (Commonwealth of)"--and surely the Country Committee wouldn't be in error, right? (Terry L Krueger) Whether it is or not, LN does not slavishly follow its determinations

9670 hrd weak but clear 2150, ID 2200. RTE on fq 1900-2100. I was away from rx 2100-2150 3/2. 4/2 11900 very good sig from t/in 1430 to 1530. I didn't believe it could be Saipan until I hrd ID (Walter Kunz, Dunmore PA)

PAKISTAN R Pakistan FR 1915-2015 now on 17330, booming 55555 sig tho anng 17640, where only RFI is hrd. No // located. This svc is everything an external service should not be, as I will explain in April REVIEW OF INTERNATIONAL BROADCASTING (Richard E Wood, K.S.A.)

R Pak, cricket comtry in EG 0700 21470.5 (Bryan Clark, Auckland, Jan-Feb NZDX Times)

PERU A mistake in the WRTVR to which I am the contributor; in fq section in the back, a Peruvian is listed on 4520 as R. Via. This is the tentative stn I reported last year and was later IDed by Steve Reinstein as a Colombian harmonic. Sorry (Mitch Sams, AR, OHMC 1/2)

Info from a QSL from R Cultural Amauta. The complete stn name is Asociación Club Radio Cultural Amauta. Translated from SP: Our stn's been being for 22 yrs from beautiful Huanta, emerald of the Andes. Our city is 4000 m above sea level in a valley inhabited by people involved in primitive agriculture. Huanta is blessed w/warm summers and plenty of rain. Our stn's pgming is cultural & religious, supported by the Presbyterian churches of the USA. Stn bcs in Spanish & Kechua. This info from Saturnino Gavilán N., Gerente (Chris Lobdell, MA)

R Huanta on new 4755, 1050-1210, P-F in late Jan, Feb daily; OA mx, mgs to listeners in Quechua. Sometimes ID "R Huanta del Perú" (Inoue 17/1+, Tanaka 20/1+, Sakai 22/1, Tanaka, Radio Nuevo Mundo 6/2, Japan)

R Tingo María, 4760, 12/1 & 27/1 1126-1146, P-VP, QRM de Yunnan PBS 4762 (Inoue, RNM) According to my reception, stn name is R Tingo de María (Aoi, RNM)

PHILIPPINES Maharica BCing System (MBS), ancs from Quezon City on AM & FM, recently obs on 6170 2230-0215/, /0500-1306*; also obs on 3286 2030-0115/, /0700-1306*. EG rx 2300-2315, 0700-0705, 0800-0805, 0900-0910, 1000-1005, 1200-1205, 1300-1305 (WBI 3/2) Note spelling

FEBE Manila continuing to make changes for various services. EG now on 15245 0000-0300; also on 15410, *2300-0100. Indo on 9510 ex-official 11915, 2200-2345. Two of the 50 kW xmters at Bocau are now // on 11890, EG Au 0800-1100. Two xmters also // on 11850 for USSR svc in GM & RS 1600-1700. At same time the third 50 kW Bocau xmttr is on 15430 for the Filipino svc. EG svc recently expanded to include an earlier segment from 0500 intended for Au on 11890. Previously *0800; to 1000+. Low power 2 kW outlet normally on 21515 for daytime svcs in EG (officially sked 2300-1000) unhrd recently, possibly due to tech failures, which have plagued this facility for some months. Current xmttr availability for FEBE is: Bocau - one 2 kW on 21515, three 50 kW, one 10 kW (used on 6030 for DS relays 1000-1200 & 2130-2400). Iba: two 100 kW. The Iba xmters are not in use for the full bc period--the first bc via Iba is at 2200 when Indo comes on, on 9510. Contrary to WRTVH 83, the 6120 outlet *2130, not 2100 (Bob Padula, Surrey Hills, Vic., Australia, 13/2)

Bob's info makes the BBC MS sked published 3/2 for FEBE appear outdated. I will note, however some interesting languages on the HF sked--very likely the only ISWBC stn using them: 1115-1130 Lisu to FE 15390. 1200-1215 Lahu W/Th/F to FE on 15440 (other days Korean --where is Lahu spoken, and Lisu?). 2245-2315 Meo FE 9715. (gh)

R Veritas Asia, Manila, in EG: 0000-0030 S As 16280 15195. 1430-1500 India & Sri Lanka 15215 11955 (WBI 3/2) All /both!// EG xmsns end with a news summary (ibid.)

PORTUGAL At a time when the trend is away from 11 meters, RFE plans to add a second 25 MHz fq for M83--25665 in Polish daily 1000-1700 on Gl6ria xmttr #9, 50 kW, 47° (gh)

SEYCHELLES FEBA final M83 fq sked (also serving as tentative J83): Powers now shown as 75 kW on 7275, 9770, all 11 Mhz fqs, 15325, 15405, 15410 at 1731-1803, 15430 and 17875; rest . 25 kW. 7275 0027-0215 SAs. 9510 1827-1845 (Sat/Sun 1900) SAs. 9600 0130-0215 SAs. 9770 0127-0230 SAs. 11760 1612-1700 EAF, 1700-1716 (Wed-Sat 1731) HornAF, 1745 (1731 Fri/Sat/Sun) -1833 Ethiopia. 11765 0230-0248 SAs, 0248-0318 WAs, 0327-0430 (Fri 0500) ME. 11800 0312-04 00, 0400-0500 Sat/Sun, 0457 (0500 Sat/Sun)-0530 EAF. 11855 0215-0303 SAs. 11865 1222-1415 SAs. 11895 1415-1600 SAs. 11930 1627-1730 Madagascar. 15170 0230-0248 SAs. 15200 0312-0 530 EAF--same variations as on 11800. 15325 1222-1600 SAs. 15405 1057-1145 (Fri & Sun 1200) ME. 15410 1612-1700 EAF, 1700-1716 (1731 Wed-Sat) HornAF, 1745 (1731 Fri/Sat/Sun)-1803 & 1803-1833 Ethiopia. 15430 0912-1000 (Mon & Wed 0945), 17875 1057-1145 (Fri & Sun 1200) ME. Oops, the 15430 is to Indian Ocean Islands (gh, from FEBA sked)

SOMALIA Monitoring during last few days of Jan revealed R Mogadishu carrying ES pgms on 6790 0900-1100 AR/EG/IT/FR/AF, 1415-1530 in Oromo/AH/SH. 6790 normally carried DS. During ES periods above, DS obs on 963 kHz only (WBI 10/2) Back on 6095 for ES (WBI via SCDX 23/2) (gh)

SWEDEN For M83, RSI makes one fq change in EG to NAM--2300-2330 on 15270 ex-9695; // 11705

TAIWAN VOFC in EG: 0100-0200 17890 15345 11825. 0300-0350 17890 17800 15345 11825. 2030-2130 17720 15225 11860 9765 9610 9510. 2140-2240 17890 17800 15345 11825. Via WYFR: 0200-0300 17805 & 11740, 0300-0400 5985. From the V of Asia stn in Kaohsiung: 1030-1040 5980 & 621, 1100-1200 5980 621, 1500-1530 5980 621 (WBI 27/1) BBCMS disappoints me again, by still not being aware of the additional VOFC xmsns via WYFR at 0410-0810, which began several months ago and were duly reported here; also, other sources indicate there are weekday/weekend variations to the V of Asia xmsns (gh) more, LMI

TURKEY Anatolia nx agcy reported 20/1 on PM's press conf--said VOT, currently bc for 48 h a day to ME, Eu/NAM (an incr of 18h daily compared w/1981), and 4-5 h daily to Am, As, Au. In 1983 ES xmsns'd be raised to 80h daily and Turkey'd be able to reach the "Turks of NW Asia". Number of langs used by VOT ES'd be raised to 15, and two 500 kW SW xmters'd be put into svc in Feb at latest (WBI 27/1) NW Asia?? I guess that'd be north central USSR just east of the Urals (gh)

U S S R R Baku, 6110, vy strong 4/2 1400-1500 in Farsi; // 6135 barely audible (Behr, Ont.)

UNITED ARAB EMIRATES UAE Radio is known for making several meter-band changes within a single season, so this sked issued by BBCMS 10/2 is surely partially outdated, but here it is anyway: 0230-0330 AR SAs/NAM 11755 9605 9595. 0330-0400 EG SAs & NAM 11755 9605 9505 /note last fq, which is probably a typo for previously-reported 9595 as used in the preceding hour/. 0415-0530 AR & 0530-0600 EG FE/AuAs 21700 17830 17775. 0615-0900 AR Eu/NAF on 21700 17775 15325. 0900-1030 AR Eu/NAF 21700-to 1000, 21695-from 1000, 21655 17775. 1030-1100 EG Eu/NAF 21695 21655 17775. 1100-1400 AR Eu/NAF 21695 21655 17775. 1400-1615 AR. 1615-1645 EG, 1645-1745 AR Eu/NAF 21655 17775 15320. 1800-2050 AR Eu/NAF 17865 11955 9550. This svc, mostly a compilation of live relays from UAE Radio's AR & EG DS in Dubai. Relays of AR & EG svcs are sometimes linked w/ES amnts and occl brief periods of mx. Nx in EG is also fqly followed by short ES feature on Arab history & culture. Fq usage and change-over times between the two langs are subject to variation (WBI 10/2)

U S A KGEI has been testing new antenna eves on 6000, LDs in EG, RS, and sometimes JP--hrd

at 0400 11/2; addr for QSL: KGEI, P O box 15, San Francisco CA 94101--they only give the ZIP in Russian! (Bob Rankin, Lawrence KS) I'll bet I know why (gh)

VOA on 10238 kHz at 0550 6/2, EG lessons for Arabic speakers (Chuck Oliver, Spring TX)

Fifth harmonic of WBTV, 1530 kHz, Jeanette PA, noted at SWNS HQ on 7650 kHz around 1920

1/1 (C M Stanbury II, Ridgeway Ont)

WCOU, Lewiston ME, fair on 2nd harmonic 2480, 30/1, "Your Star Stn," LD, rock. Well worth checking graveyard harmonics: 2460 2480 2680 2800 2900 2980 (Craig Healy, RI DXM & DXN)

Satellite News Channel is hrd at SWNS HQ during the evening hours on 1620 apx, an apparent curing unit, a few kHz above Pirate Radio Central. Most of the time it simply relays SNC audio but every so often a voice can be hrd giving technical instructions (e.g. 0246 31/1). Xmtx noted leaving the air at 0430 31/1 even tho SNC announces as a 24h svc. Was hrd again 3/2 when they were still on the air at 0445. Reception is definitely via skywave and the SNC signal seems to have nothing to do with a spur from local WEBR which is hrd on a-bout the same fq during daylight hours when WEBR has an all news format w/NPR feeds (SWNS)

This is for your uID section. Maybe an illegal signal, or maybe some licensed commercial opn. Mystery signal on 1622 kHz, \pm 100 Hz or so at times, driving me crazy. I can't figure out just what it is! First logged 2200 29/1, lasted all thru that nite past 0720 on 30/1. Back again next nite too. Stn features some fading, usually 1-3 S-units above the noise, and has very weak AM. Sig seems to be rebroadcast of Satellite News Network, complete with one-minute programless gaps on the carrier every 5 or 6 mins for ads. This sig is a good S-9 in Delaware, but weak here. Once in a while, a male voice comes on (at a stronger modulation level) during commercial breaks, and says things like "hang on, Steve," or "back in 5 minutes--OK?" Now this fq region has been allocated for years for remote broadcasts for AM/FM stns, but with the advent of reliable UHF FM transceivers, this band is almost never used for that purpose. In any case, rebroadcasting SNN seems hardly to fall within scope of remote bc. A further puzzle is its periodic nature. Sig not present at 0400 29/1 or 1/2. A second possibility is that a hobbyist w/access to SNN is re-bcng it for his own purposes--either to a specific target, or as a "lazy man's programming" for a pirate stn. In any case, I have hrd no IDs. And why the very weak modulation? I almost thot I had NBFM at first! Any help appreciated--- Also, this stn is vy hard to tune in my area dua to a strong ute on 1622.6 or so. I get no peak or null with the loop on this mystery signal (Vincent J Pinto, Suffern NY, 2/2)

/Two weeks later:/ Other observers and I have been hearing a weird new signal on 1622.0 kHz since late Jan. Not on continuously, rather only on some eves, and hours are irregular. Noted to be weakly AM modulated w/audio portion of Group W's Satellite News Channel. There are frequent 1-minute gaps, and less frequent four and five min gaps, presumably for ads. Occasionally some voiceover has been noted. Sig strength here is usually only 6-10 db above the noise most evenings. There have been occasional peaks of up to 26 db above the external noise. To make matters worse, it is partially occluded in here by a much stronger utility carrier less than 700 Hz above it. However with careful tuning of the R-7A, I am able to isolate the signal and copy some audio most nights. As far as direxionality, I get only a very weak null toward the south, due to lots of skywave. The signal is hrd in Delaware at quite strong levels, and in Washington DC at very strong levels. Whatever its source, I knew the signal must have a pretty good ERP since it has been logged in Connecticut (weakly), and weakly in Canada and in Michigan. Listeners in the coastal southern states reported that the signal again drops off in strength compared to Delaware & DC signal strengths.

There were several questions regarding the mystery signal. What was its source, and was it a legitimate rebroadcast, or some kind of hobby broadcast, perhaps a "poor man's programming" for a pirate. It has been known that for some time one of the allocated uses of this slice above the AM band is for remote broadcasts by AM stns. Yet this bc didn't seem to fall within the strict definition of "AM remote broadcast".

I had a little free time recently, and decided to track this signal down. Station is legitimate, and indeed in Washington DC area. It's a new type of service allocation for the band 1605-1650 kHz. This service is called Broadcast Auxiliary. Apparently this new allocation arises from the recent ITU accords, and allocates this slice on a secondary basis for remote links from cable studios to remote crews. Secondary basis means that the cable operators use this band with the understanding that they must not cause significant interference to other primary services in the band and must tolerate interference received. The particular signal we were hearing was a link between the SNC home control board in Stamford CT and field news crews in Washington DC. SNC calls it their "P.L. line" and essentially, a phone line carries their control or P.L. line from Stamford to Washington, where under local control, the signal is broadcast on 1622 kHz to their field vans. The intended coverage range is only the immediate DC area. The voiceovers we were hearing were instructions to remote crews.

This new service is not to be confused with the older allocation for remote AM broadcasts, although the services are similar. The signal is basically on the air only when remote vans are out in the field. The FCC monitoring office believes there are six such services in operation on this band thruout the country at this point. Freqs are 1606, 1622 and 1646 kHz. The xmtx runs less than 100 watts RF out to a 5 foot tall vertical antenna on the roof of an 8-story bldg, east coast [?]. When I called Group W's 18th St site for more data, the engineer kept interrupting me to ask incredulously to please repeat where I

was calling from. It turns out that the weak modulation I was hearing was due to xmtr problems. Station license is "WJZ-FB"; address correspondence to Engineer in Charge, Remote Field News Broadcasts; Group W Satellite News Channel; 1111 18th St NW, Washington, DC 200-08. Phone is (202) 872-1700.

I also spent time recently interviewing the FCC Monitoring HQ in DC. Since they are not really a monitoring stn themselves, and are more of a central network control, he [sic] used his computer terminal to relay many of my "real time" questions to various of their stns. I asked primarily about the CW mystery beacons between 1600 and 1750, and also the funny carriers you hear at night between 1613 and 1650 kHz. These carriers seem to have a bit of FM on them, and often have clicks or chirps like a cricket. First off, they've never spent much time on the CW beacons, assume they are radio markers for fishing buoy nets. All have bearings off Florida coast and down toward the islands. At this point we started DXing together - I would find weird signals in the 1600-1650 band and call out freqs, and he would query several of his stns on that signal. They classify my clickers or chirpers or FM swisher carriers as all radionav signals. They call them crickets internally, and assume they are LORAN "A" type signals. Admit they have never gotten into checking much on them. They think they're mostly from outside the country. Well, I enjoyed DXing for a half hour with the FCC! (Vincent J Pinto, Suffern NY, 16/2)

Signs noting TIS on 1610 kHz observed on JFK Expressway between Eisenhower Expwy and Edens Expwy interchanges during mid-Aug trip to Chicago; to be tuned in during periods of construction. Was unable to tune in 'cause my father was driving! (Dale Park, HI, 3/1)

KNDX-476 on 1610 kHz is new TIS stn of San Antonio International Airport, in operation since the holiday season, cost about \$20,000 to install, designed to cover 2-mile radius. Limited to spoken messages; no music or sound effects allowed; got the idea from Cincinnati's highly successful AP TIS to use celebrities on tapes. Msgs normally 40 seconds long, but can go live if necessary. Plan to create a character who will give drivers basic info like speed limits, maybe called 'Dusty Streets' (Ralph Winingham, San Antonio Express 20/1 via Artie Bigley, TX) What a hell run TIS station! Gets out well too; covers all of San Antonio (Bigley)

KMB24, 1610 kHz, our local TIS stn will be off the air from November to late March or early April; they are planning to move their xmtr further south along the Edens Expressway. Their address is: IL Dept of Transportation, Communications Center, 1000 Plaza Dr., Schaumburg IL 60196 (Karl Forth, Chicago IL, NBC DX News 15/11)

WXK-790, 1610 kHz, at Sky Harbor Intl Airport, Phoenix AZ, hrd 9/9 2325 EDT, YL, G w/ parking info, ID, ment'd Sky Harbor AP, Buckeye Rd; hard to believe 10 watts; new (Chris Knight, Pueblo West CO, IRCA DX Monitor 2/10)

HAR [Highway Advisory Radio], on 1610 kHz near Toutle at junction of Washington 504 & 505 -- signs advise "Emergency Info -- tune radio to 1610 AM". Sun 12/9 2045 EDT and 2230 'found just an OC, no msg. Billboards in area ment HAR at this junction in case of emergency (i.e. Mt St Helens eruption), so likely has msg during emergencies only, unless the tape broke, hi (Bill Hardy, Aberdeen WA, ibid.)

HAR in Lake Crescent area, WA, Sun 5/9 along US 101 during road construction on shore of Lake Crescent west of Port Angeles, ments Fedl Hiway Adm, Storm King area, gave rural Port Angeles addr for comments. Probably 10 watts; nearby mtns will channel most signal west and NE. (ibid.) 1610 kHz

I found a TIS on 1610 at Acadia Natl Park [ME]. I think the call was KIS-94, but should be 3 digits; I have to recheck tape. (Robert L Foxworth, NY, NBC DX News 27/9)

TIS in Wenatches Natl Forest, WA, hrd at 1014 1/7 on 1609.8 kHz, man; QRM de woman from another unID TIS (Don Moman, Alta, Sept ASWLC)

TIS in Disney World, Orlando FL, hrd on 1030 and 1200 kHz, male speaker, info on entering, 25/7 1600 and 26/7 0400 (Harold Frodge, FL, Sept ASWLC)

Knoxville TN TIS/BARS on 530 kHz are inactive tho I still see the black box and the antenna pole at the West Hills exit on I-40/75. Perhaps will be reactivated to give people banking advice. However, the Chapman Hiway Drive-In, which specializes in porn flick, advertises they now have "radio sound" on 530 kHz. Unfortunately, I have been unable to DX it at home a few km away, but if you hear heavy breathing on 530, this may be it (gh)

VATICAN VR now listed for new 7125, for svc to SAs, 0200-0230 Tue-Sun, in EG, Tamil, Malayalam, Hindi. Replaces 15130, // 9605 & 11965. Contrary to some sources, this svc is not intended for Au or NZ; it's for morning reception in Indian sub-continent, introed during 1982. VR is also listed on new 6005, ex-7155 for Eu lang 1730-1930 incl Latvian 1730-1745. (Bob Padula, Vic., 30/1) Confusion arises from VR's own pgs booklet with map showing target areas by sectors centred on Rome, not distinguishing from near ones and far ones if they are in the same direcion. I managed to get two of VR's three NAM 0100 fqs wrong on WORLD OF RADIO--they are still 11845, 9605 and 6015 as far as I know (gh)

VENEZUELA YVTV, Catatumbo Internacional, 9620, hrd 23/1 w/G sig 0900+, Ven mx, IDs, 0955 played NA, more mx & talk to 1230/. anc Maracaibo, but 76 WRTH lists QTR as El Moján (not on my map); Catatumbo River is 100 miles S of Maracaibo. Also at 0300-0900; 24-hours?

R Nacional and a new SP bc at 1600 on 11695, starting 17/1 (both: Ernie Behr, Ont.) R Nacional being hrd on 11695, e.g. 1800, but faulty modulation (SWNS Jan)

R Barquisimeto missing from 4990 since at least mid-Dec (Jan SWNS) Back lata Jan (Feb '9)

R Táchira has a spur on 5830 evenings, a mix of 4830 & 1000 kHz, their SW & MW fqs (Bob Rankin, Lawrence KS, 17/2)

ZAMBIA ZBS Lusaka, 9503.4, finally had good modulation 23/1, from 1600 EG nx, 1604 pop songs to 1700/; since early Dec had only an open carrier to 2103* (Ernie Behr, Ont)

CLANDESTINE CRANNY

R Miskut [Cf Feb LN-26 & 28] Heard 25/1 & 26/1 from apx 0230 to 0300* drifting down in fq. Fqt IDs, and local dialect used for part of pgm. 27/1 hrd at 0221 on 6867.7, drifting down approx 100 Hz/min, in SP talking abt the Christian militia, and saying "La voz cristiana". They used a native dialect, possibly Miskito, at 0225-0235, then SP again, and back into dialect. Near end of xmsn, ID which Bob Rankin translated as "Nicaraguan brothers, ... brothers. This is R. Miskut...following fq bands on 6870 MHz [sic] in the 41 [sic] meter band at the following times: 8 exactly in the evening and 6(?) [definitely 5 when I hrd it -gh] in the morning on SW. R Miskut, a new voice against atheistic communism." S/off was at 0304, and by that time they'd drifted to 6863.0, thru a lot of ute QRM. Sig despite QRM had SIO 323. Interesting stn; I wonder who is financing it. Tnx to Bob Rankin for xltm (Kirk Baxter, Shawnee Mission KS, 27/1) R Miskut had G sig on 6796v, 31/1 from 0215 SP & Miskito talks to 0300*: xmtr is using full carrier USB, same mode as LV de Sandino and LV de Nicaragua Libre --all three could be at same site, perhaps Costa Rica (Ernie Behr, Ont) A second new clandestine is R Miskus, to the Indian population on 6860v from 0200 until 0315v. This is definitely not R. 15 de Septiembre's 2nd xmtr which has recently--5 & 6/2--been hrd during the 0300 xmsn on new 6560 // heavily jammed 5565a, and was also presumably the xmtr on 6235 mentioning R 15 at 0514 5/2 during a bc in Miskito (SWNS) On 6864, 0245-0250 13/2, EG talk against Sandinista and their way of life. Ancd they were going to fight the Sandinistas in order to keep them from exterminating us (the listeners). At EG s/off it was ancd that they op on 41m, 6870. No EG sked given; "until next time," at the end (Artie Bigley, TX)

R Miskus/Nicaragua. Stn in Miskito w/some SP anmts calling itself "R Miskus" [note: this is the consistent BBCMS spelling; BBCMS never puts in accents so we don't know if they really think there is one on the u -gh] has been hrd since 20/1 at 0200-0300 on fq drifting betw 6915 and 6920. Carries material critical of Nic govt & communism, claims to bc from 'somewhere in Nic'. Anmts say R Miskus also has xmsn at 1100 (WBI 27/1) Obs 26/1 0200-0300 on 6870 ex-6915. Ancs, "Nic brothers, brothers of the coast, this is R Miskus. R Miskus is being from some where in Nic" and says it's a new voice against atheistic communism which breeds hate and revenge. BCs ancd as at 0200 & 1100 on 6870 tho the 1100 xmsn has not yet been confirmed (WBI 3/2) I confirmed it 26/1 at 1110 on 6870v downward (gh) 1/2 this voice of the Miskitos, Sumos and Ramas, ancd to its "brothers along the Atlantic coast and the Nic people" that from 2/2 it'd incr xmsn time w/a new xmsn Weds 1900 (WBI 10/2)

LV de Nicaragua Libre While at the end of 1982 there were 2 clandestine anti-govt propaganda into Nic, now there are four. The first new stn was LV de Nicaragua Libre, at 0000 & 0400 on fq varying widely above & below 5800 (5765, 5840 etc), affiliated w/Allicancia (?) [that's Alianza -gh] Revolucionaria Democrática--"ARDE"--as is LV de Sandino which continues to bc simultaneously on 6220v at 0000 & 0400 and also still ancs as spokesman for the Frente Revolucionaria Sandinista. LV de Nic Libre takes a much harder line than did reportedly the original LV de Sandino xmsns. The second new clandestine is R Miskus (SWNS Feb)

LV de Nicaragua ---, 5750, 0420 2/9, harangue by M&W (Chuck Oliver, Spring TX)

R Quince de Septiembre On 18/12 was obs w/2nd xmtr back on the air around 0330 on 6900 // heavily jammed 5565 apx; since then only 5565 apx has been audible (Jan SWNS, Ont) The past few nights I've hrd R 15 in // on 3 fqs, 7000, 6900 and 5565.3. They seem to have moved to 6900 from 6800 when I had them a little over a week ago. Why 2 xmtrs w/in 100 kHz? Pgms are identical and transmitted simultaneously. I'm surprised there is little EG from any of the Nic clandestines; EG has been the lang of the Black population of the east coast of Central America since the mid-1700s (Bob Rankin, Lawrence KS, 17/2)

This anti-Nic [you mean, anti-Nic govt, which is slightly different, unless you are taking an extreme editorial position on the stn -gh] radio stn obs on 27/1 1130-1230 on 6900 & 5565. 0200-0330 bc 28/9 [sic--presumably means 28/1] obs on 7000 & 6800, whilst 1130-1230 same date on 7000 6800 5565 (WBI 3/2)

R Quince de Sept, 9545, 1030-1044 SP M giving speech. TC in 2-5, for 5:30 am, R Quince [sic], a few comments by another ancr, then original speaker returns w/speech. Sig fades away by 1044, 5/2, poor. Listened for this 6/2 and it was still there for 1030-1058 when Cuba came on the air and blocked all. Cannot explain why R 15 on 9545. Only ID hrd was what is noted above, but format is definitely clandestine from tone of speech. This logging is not for the cautious editor. Unable to hear it next couple of days on 9 MHz, but hrd it down on 5565.4 6/2 1210-1232. There is something on 9545 1030-1100 before Cuba comes on but very weak (Chuck Bolland, Lakeworth FL, 9/2) R 15 on 6510 at 0500 ex-6900 & 6200 (Dan Robinson, DC, RNNN 18/2)

R Venceremos has moved one of its xmtrs down to 6205apx, first noted 4/1 0050 //6850, by 0052* 6205 was jammed by the counterbroadcaster. LV de Sandino was on 6225 during this

period. Similar reception noted nightly since, and Venceremos also uses 6205 during its 0300 apx xmsn. 0030-0040 14/1 the counterbroadcaster was accidentally jamming LV de Sandino on 6220 apx. For a portion of its 0000 18/1 xmsn, Venceremos was on 6240apx. Also back on 14/1, as well as 31/12, a white noise xmtr was definitely following Venceremos around the 6800-6900 kHz band (Jan SWNS)

This FMLN stn obs since 6/1 on 6210; it ancs this sked: 0000-0100=not Mon, 0230-0330, 1230-1300=not Sun, 1700-1800, 2000-2100=Sun. R Venceremos is normally hrd on 97 MHz FM at 0230-0330, but this channel has not been traced since 21/1 (WBI 27/1) Hmm, BBCMS CA monitoring post must be normally w/in FM range of San Salvador (gh) Resumed 97.0 MHz fq at 0230 25/1; no reason was given for suspension (WBI 3/2) Hrd 27/1 on two SW channels - 6873.5 & 6210. Former obs at *1215-1339*. 6210 obs 1235+, w/pgm identical to 6873.5, but with a varying delay of around half a minute. After an unmod interval 1320-1322, the 6210 channel carried a direct relay of the 6873.5 pgm. 6210 xmtr became unmod 1326-1328. When being resumed, it was some 80 secs behind the bc on 6873.5. The Sal newspaper El Diario de Hoy reported 4/2 that a R Venceremos repeating stn w/its SW radio and generator, which had been operating from La Guacamaya Camp, Maanguera, had been captured. The stn had been operating daily from deep tunnels where food and weapons had also been stored (WBI 10/2)

R Farabundo Martí intercepted 28/1 1840-1932* on fq varying 6990-7050 (WBI 3/2)

R Guazapa Nx item on R Sandino net of Managua, Nicaragua, 22/1 said another Sal guerrilla stn, R Guazapa, had made an expl bc. Located on a hill of the same name, only 20 km from San Salvador. R Sandino net added it was an FMLN stn, on the 31m band, and 100 MHz (WBI 27/1)

W del CID, 5106, vy strong 1100-1210*v, SP talks, also 0300-0336* w/LAm mx 15/1; must be at least 5 kW (Ernie Behr, Ont) "Radio CID" sked shows: R Máximo Gómez via R Clarín, Dom. Rep., daily 1730-0130 on 11700; R Ignacio Agramonte, Sun-Fri 0100-0230 on 5106, unk QTH. R José Antonio Hachevarría [sic], Mon-Fri for about 30 mins from 0130 on 7412. And R Antonio Maceo, also Mon-Fri 0205-0235 on 4980 via Ecos del Torbes, Venezuela (André Tatter, HDR, SCIX 8/2) R Clarín, 11700 now seems to carry CID net pgming continuously weekdays from 1640 apx until 0030. After 0030 R Clarín has its own pgming on this fq; meanwhile, despite that FCC bust last fall of a CID xmtr on 7355 in PL, CID currently uses 7355 at 0030-0330*, both xmsns monitored 20/1 (Jan SWNS)

R Martí At least half a dozen state broadcaster assns have adopted resolutions or other statements opposing the establishment of R Martí and have informed their reps in Congress. Only one bc group, the South Florida BCers Assn, has adopted a resolution in support of the measure provided Am bcers are compensated for any expenses in efforts to neutralize Cuban jamming. The NAB itself is walking a tightrope on the issue....If R Martí does not survive the lame-duck session [it did not], it is assumed the Admn will reintr it in the next Congress. If it does, the bill might contain some of the options the NAB and others have urged on it over the past year -- such as employing offband fqs (above or below the AM band), the VOA AM stn at Marathon Key, or SW fqs, among them. The admn has rejected them, but senate aides said last week it might be more amenable next time around." (Broadcasting magazine 13/12 via Jan SWNS)

R Enoch reappeared last Sun at 1150 on 7341; anti-Campaign for Nuclear Disarmament; said could return in 3 weeks (Mike Barraclough, UKOGBANI, RUMN 17/2)

R Solidarity AFP nx agcy reported stn had bc in Warsaw on eve of 24/1, coinciding w/opening that date of the trial of nine people in Warsaw who had been charged w/running the underground stn. The bc, AFP'd said, lasted just 3 mins before being drowned by pop mx (WBI 27/1)

R of Arab Lebanon Usage of 6204 continued thru 15/1 tho axual op times extremely erratic (WBI 27/1) Ancd 31/1 it'd intro two EG xcasts 1300-1310 & 1815-1825 as from 1/2 (WBI 3/2) Arabic ID is Idha'at Sawt Lubnan al-'Arabi; controlled by the Independent Nasirite Movement -the al-Murabitun. In Beirut on 6204 & 930, 0400-2050. Nx in AR on most half-hours; also 1635-0645 Lebanese press review; 1200-1210 Financial-nx both in AR; FR nx 1230-1240 & 1800-1810. This stn first bc 25-29/9/75, then intermittently in 1976, 77 and early 1978. Present series of bc's date from 7/7/78. Was off the air for a fortnight in late Sept 82 (WBI 1/2) unID Arab on 6204, 0355 10/2, vy weak (Chuck Oliver, Spring TX) Good signal w/ME mx on 6204 0440, this? (Artie Bigley, San Antonio TX, 19/2)

R of Free & Unified Lebanon (Arabic: Idha'at Lubnan al-Hurr al-Muwahhad), supporting former Pres Sulayman Franjijah, at Ihdin on 585 kHz, 0600-1800, all in AR, incl nx on most half hours; and 1000-1010 Lebanese press review; 0715-0720 & 1235-1240 same commentary; 1435-1445 1635-1640 another commentary. Reportedly began ops 31/7/78 (WBI 3/2)

R Free Lebanon (Arabic: Huna Idha'at Lubnan al-Hurr), supporting former Pres Sham'un, hostile to the Syrian presence in Lebanon, on 1476 kHz at 0400-2300, in AR, FR, EG. AR nx at 0445 past most hours. Leb press review in AR 0650-0700, 1045-1050 Talk on Leb affairs, in AR. 1250-1300 not Sun regional affairs pgm AR; 1315-1330 Weekly nx review Sun AR. Commen-

tary in AR 0950-1000, repeated at 1950. EG nx 1205-1210, pgm in EG 1700-1800. FR nx 1210-1215, pgm in FR 1800-1900. Ance as "R Free Lebanon, the radio of Lebanon's Steadfastness & Resistance" first hrd testing 9/8/78; regular bcs probably began at the beginning of Oct 1978 (WBI 3/2)

V of Palestine R Mouskhatt, Mauritania, BS obs carrying WOP bc in AR 2100-2150 Thu (WBI 3/2)

V of the Iranian Revolution, obs 30/1 on fq varying 6366-6383, pgms in Persian & Suredi Kurdish 1230-1330 (WBI 3/2)

V of Iranian Kurdistan Recently obs 1230-1440 in Kurdish, Persian, Aseri at 1230-1330, 1330-1415, 1415-1440 resp, on fq moved around during each xmsn w/in 6556-6589 apx (WBI 27/1)

V of the Mojahedin-e Khasi Recently obs in 1730-1825 period, in Persian on fq moved around during xmsn within 6560 & 6590 kHz (WBI 27/1)

V of al-Qadisiyah/V of the Al-Ahwas Revolution VOAQ obs 0500 31/1 to have changed its ID slogan to VOTAAR (Arabic: Sawr Ath-thawrah al-Ahwasiyah). Opening annt is "From the voice of Arab pride and dignity, the voice of glory and victory, the radio of the Voice of the al-Ahwas Revolution, we greet you and begin transmitting our pgm on a MW of 855 kHz. Our xmsn'll be in two periods as follows, according to local time in al-Ahwas province: An evening period 1800-2300; morning 0800-1200". Note: "al-Ahwas" is used as an adjective and refers to a large part of Khuzestan and not just the city of Ahwas [IRAN]. Tho ancing 855, obs on 858 kHz (WBI 3/2)

NORTH AMERICAN PIRATES

R Morania hrd at 0505 6/2, around 7475, weak w/ute QRM. "R Morania, from the peaceful country of Morania where communism and capitalism do not exist and have no meaning. Now to our reporter in Spaghettiland..." Then at 0510 either s/off or f/out; just disappeared; anything on this? (Ron Trotto, St Cloud FL) On 7468, 0520-0525* 6/2, gave wx forecast and info on a record spaghetti harvest of 5000 pounds, from Spaghettia City (Artie Bigley, TX)

R Morania -- new country! "R Morania External Service" hrd on 7414 at *1800 12/2, VG sig. This hoax xmsn vy well done. Spoofs style of many SWBC stns. Example: "The Six Thousand Trail", a program dedicated to the 6000 pound spaghetti harvest--apparently the entire country of Morania was celebrating the bumper harvest of spaghetti (there was no harvest last year inasmuch as the spaghetti seeds did not arrive from Italy). No addr hrd for reports. Also IDs as "RMA", "RME" and "This is Morania Calling" (Wm J Martin, DE)

RMA, R Chicago, 14/2 0517-0520, rock mx, s/off; ancd fq 7412, hrd on 7415; says 350 watts and this was inaugural bc (Artie Bigley, San Antonio TX)

R Clandestine hrd on 9590, 1705-1750* 30/1, E sig, at first thot it was VOA or some other powerful stn. Rock mx by Talking Heads and The Clash, humorous Lite Beer commercial; hosted by R F Burns, many IDs, vy professional (John Fisher, North Providence RI)

30/1 0600-0609* on 7375. Fantastic signal, only slight fading, no QRM, great audio. Rock & humorous mx, IDs by R F Burns, s/off annt: "You have been listening to R Clandestine, as we be over the SW bands of the world. This is your host, R F Burns, bidding you, the SW listener, adieu for this evening. We'll see you sometime soon; here, or there, we're always somewhere; we're R Clandestine." Over dixieland tune. Also hrd again 30/1 1700-1749* on 9590; G strength but moderate fading, and some QRM. Usual pgm of rock mx, comedy, phoney but hilarious ads. And again on 9590 12/2 1715-1751*, tnx Pinto. VG sig, couple brief shifts to 9580 & 9600 only to return suddenly to 9590. Usual hi quality pgming (Scott McClellan, Battle Creek MI)

On 9590v 12/2 1710, E sigs, R F Burns hosting lively pgm of comedy songs, fake ads ("Scrub Tot--the industrial strength baby cleaner" & "Electric Power -- it's getting more expensive every day"), Monty Python skit, rock mx. Stn experienced some xmtr trouble and drifted 10 kHz vy briefly, otherwise excellent modulation; first time hrd here. Tnx Vince Pinto for tip (William J Martin, Wilmington DE) Strong in Italy; see LAST MINUTE INFO

Radio USA is now on the air, beginning to serve the midwest and some of the eastern US on 3737 & 21121 kHz in the 80 and 13m novice bands. Unfortunately we sound like many other pirates, rock mx, from a ship in the Atlantic; but also humor, mx, SW nx, religion and pro-American editorials. Our first xmsn was on 25/12 on 3737, for 2 1/2 hours, whole sides of ab bums. We are trying to change the common stereotype of radio pirates--stupid, obnoxious, obscene, young, radical fools that are in it just to hear their voice and break the law. We are just average, clean, conservative, God-fearing individuals. But what makes us better than most pirates is that we aren't going to just quit after a few bcs--we will be out there, always; with a microphone in one hand and a record in the other. We do QSL, all reports sent to FRENK, SPEEDK, RCI SWL Digest, and Popular Communications--all reports must be very detailed. Our radio is more professional than our QSLs are (Mr Blue Sky, Quick-silver and Hubble, Radio USA, via NASWA Liberty via NASWA Levittown; postmarked 27/12, Springs PA 15562) If you need details, you can forget about RCI SWL Digest, h. (gh) Unhrd?

Coral Reefer Radio hrd on 6930 2115 27/1; op said was a test, reports wanted. Nothing unusual but said to send reports to gh at Popular Electronics, and to Al Wood, c/o Popular Communications. Have you invited pirate stns to correspond with you? (Mike Csorbay, Canfield Ont) Not specifically; I just need DX news so I can publish/broadcast it. I certainly do not provide pirate reception report forwarding (gh)

V of the Revolution, another pirate hrd shortly after above one, at 2136 on 6990, C&W mx; 2145* and Coral Reefer attempted contact w/this but to no avail; I conclude that C.R.R. is probably an unlicensed ham, as the signal and modulation here were much better than on 6930 --probably because boosted power to attempt contact. At s/off, VotR told listeners to tune to their MW relay of 1597 kHz! An interesting Thursday afternoon (ibid.)

V of Revolution, R Free Radio is a new pirate hrd on 3498v after 0100. Has no connexion w/the SSB RFR. This stn is ancing my addr for QSLs, but unfortunately I do not know who they are, thus am unable to forward reports. Stn apparently, from letters I've rxd, expects me to fill out & mail QSLs for them, but that's not the way it works! I will hold all reports rxd in the event that the stn wishes to rx them at a later date. Per letters the stn runs 135 watts, and uses fqs up thru 13m--many listed were in ham bands, which is ridiculous. Any pirate operating in a ham band is stupid (Scott McClellan, MI)

CHUM-FM, unauthorized relay of Toronto stn hrd on apr 2000 kHz, e.g. 0425 9/1, but was quite especially strong at SWNS HQ (SWNS HQ)

CHNO relay [Cf Feb LN, Stanbury's comments] Yes, there is a Wm J Martin. In fact, Stanbury and I corresponded in 1971 wth regard to the original V of the Purple Pumpkin. My comments in Jan LN re CHNO were intended to be tongue-in-cheek (hence my reference to Swan Island as probable QTH of xmtr). In actuality, this "CHNO Relay" is likely related to the spate of Sudbury re-broadcasts occurring in 1980 (Cf Nov 1980 LN - relaying CKSO & CHNO), "CKFI, Sudbury" was the ID given 26/9/80 per McClellan's log, who said they also IDed as "Youth Broadcasting Corp." and ancd power 125 watts. Anyone interested in exchanging info on Blue Eagle, V of Purple Pumpkin, CHNO and any other hoax xmtrs is welcome to contact me at 43 Hurst Rd., Wilmington DE 19803 (Wm J Martin III, somewhere over the East Coast, USA)

A few weeks ago, DX Partyline noted CHNO relayed its MW bcs on 4667 kHz. It turns out this is not an offrl relay, but is a pirate re-bc; also noted on 6380, per DXPL 1/2. What I'd like to know is, why rebroadcast a stn for kicks? With all those warped minds out there you'd think they'd find something obscene to be instead of an officially recognized stn. Could this be the same person who's rebcing CHUM? (Bill Carney, Jr., Pinconning MI)

R Free Way, 7425 kHz, fq ancd, hrd w/attack on disco at 0513 3/1 (Jan SWNS, Ont)

KPRC, Pirate R Central, 31/12 0530-0734+ IDs, phone calls to 212 loop number, pop mx, many IDs (Paul Mount, NJ; Robert Krammer, IL; Bill Townshend, DC; Vince Pinto, Suffern NY; Neil Wolfish, Ont, NRC DX News 7/2) 18/1 0415 also on 1616 kHz, w/attack on nuclear power. Many records of the 1960s incl Judy Collins' "The Patriots Game". So despite FCC raid on KW Radio, NYC pirates continue to be active just above 1600 kHz (Jan SWNS) Also 3/2 0440 w/phone-in discussion on truckers' strike which stn used as springboard for attack on Reagan admn, but the operator deplorded both the truckers' violence and an increased gasoline tax (SWNS)

WART, 1615 kHz, 16/1 0830-0909 w/rock mx, Crystal Goblin ancr, phone calls, fq drifted from 1632.10 to 1615 by 0342, VG sig (Vince Pinto, NY, NRC DX News) 12/2 on 1618, 0400-0630+, taking calls using loop in 301 area code because all NYC loops were busy. Rxd over 30 calls, SIO averaged 232, peaked 444 (Scott McClellan, MI) 12/2 0815-0825 on 1618, s/off by Crystal Goblin, had been taking calls; gave ACE addr for QSL (Frank N Decker, Syracuse NY) 13/2 *0350 on 1618, F sigs, Crystal Goblin DJ, took calls on loop from MI, DE, OH, NC etc. Also IDs as the "V of the North East"; to my knowledge, this is the only pirate that plays Gregorian chants as well as contemporary songs by Moon Unit Zappa. Still on past 0700 when I packed it in for the night (William J Martin, Wilmington DE)

WGUT, 1630 kHz, 1/1 0530-0620 pop mx, phone calls, location given as NYC; party in background (Paul Mount, NJ; Vince Pinto, NY; Rich Hatfield, NY; Neil Wolfish, Ont, NRC DX News) 13/2 on 1630 kHz at 0523. Gus Guts played oldies--Elvis, etc., and took calls on loop. Gus has a great voice--so animated he reminds me of Mel Blanc from the Warner Bros. cartoons. Fair to weak sigs here (William J Martin, DE) On 1630, 13/2 0645-0715 snooze-out, calls at (212) 352-9906. Called and was promised a QSL within a month. QRM from beacons, and weak, peaking at fair. Great pgming. Jm Pinto for tip. Was disappointed at small amount of activity from NYC area near 1620; I was sure most stns'd be on, considering it isn't often that they can bc w/out fear of being busted! (Scott McClellan, MI, 13/2) I guess you are referring to Lincoln's birthday? But 21/2 was the federal holiday (gh) WGUT hrd on 1630, 13/2 0807-0835, taking calls at (212) 352-9906 (Frank N Decker, Syracuse NY)

WQTU, 1617 kHz, 15/1 0658-0740+, Cleveland area, back on after year plus absence, w/rock mx, echoey "Q-Two WQTU" IDs, no live ancr; automated pirate? Played record just released last week in Cleveland area (Jerry Starr, OH, NRC DX News)

WMO, my first in-band pirate, on 640 kHz, 2/1 0000-0051, G audio, gave 301 phone loop #; slight bit of WHLO (Vince Pinto, Suffern NY, NRC DX News)

UNIDENTIFIED

11746 AR stn hrd irregularly since 1/2, from 0320 AR mx, 0500 bells & AR mx, strong w/het (Ernie Behr, Ont)

6081.4 Weak LAM stn since 21/1, from 1105 LAM mx, SP:arms, just below Ondas del Darión on 6085. R 21 de Diciembre was there in June 1980 (Ernie Behr, Ont)

4879.3 In AR or Farsi, Pakistan? Iran? 23 & 24/1 1650-, 0212-0312, G (PLC & PIC, Play-DX)
4855.8 & 4854.5 see L M I

3120 Harmonic of a drive-in movie sound xmtr hrd last fall w/typical snack bar promos, etc. Was 4 x 780, 3 x 1040 or 2 x 1560. None of these fqs would be any good near RI, and there was considerable fading as well. Check of nxpaper showed no local or semi-local theatre had the movies that were on this stn. Harmonics can be fun to find and give you a chance to hear a stn you might never catch any other way (Craig Healy, Pawtucket RI, ed. of new "Top End" column in IRCA DX Monitor 12/? & NRC DX News 14/2) Or 6 x 520 kHz (gh)

2120 French speaker, 0350 13/2, M singer, live audience (Chuck Oliver, Spring TX)

1720 SP speaker at same time as above, maybe 2 x 860? Barely audible (Oliver) Clarín?(gh)

PUBLICATIONS

The R390 Information Exchange: a users group for the R390, R390A, R392, and who knows, maybe even the R388 receiver. I plan to form a participant centered user newsletter that will be a forum for info exchange, parts swapping/selling, modification and improvement to assure the continued survival and use (read that veneration) of the R390A and its immediate kin. I will attempt to publish at least 5 newsletter per year, each being at least five photocopied pages in length. Cost will be \$1.00 per issue. You can pay for as many or as few issues as you wish at any given time. All back issues will remain available.. Publishing schedule flexible, dependent on getting enough material, schematics etc. OK if small & clear. To be a fun, light and friendly hobby newsletter. Initial publishing date hoped to be early spring 1983. Let's try this out for a year; please keep your initial subscriptions to \$5 or under and make checks payable to Thomas James Arey, and mail to: Skip Arey, WB2GHA, 104 W Franklin Ave., Edgewater Park NJ 08010 (Arey)

DXing the USSR Just received my copy of this cassette tape produced by Rudy Van Dallen and and over Brussels' DX pgm, and on Media Network. A brief review: The recording starts w/ a good quality studio recording of the Soviet national anthem, in itself a nice piece of mx to have. There follow, as advertised, many recordings of Soviet interval signals, either studio quality or good off-air quality. Most of these IS are exotica which we will never hear here, and as such are good listening. Now comes what I regard as a serious weakness of this tape. In most cases, only about two or three seconds of spoken ID are included, sometimes no ID. In a few cases a longer ID is presented. I, for one, would have welcomed the chance to hear these stns announce in their rare Asian langs, as well as Russian. I guess anyone interested in these IDs could learn enough Russian to understand the IDs. I would have liked 15 or 20 seconds of talking on each cut. There is a 5-minute parody of R Moscow at the end, which they could have done without, as well as some blank tape. They could also have eliminated the ID of the Moscow SW svc, and with all this perhaps have had enough room for the spoken ID, and if they had had to use two tapes, so what? It would have been worth it. So, if you order this tape, this is what you will, and won't get. Take your choice!

DXers who want help in IDing stns should place more emphasis on recording the spoken ID and pgm intro as well as the IS. I participated in an informal session at ANARC Thunder Bay, where someone had brought a tape of unID stns. In most cases they had only recorded the IS. A person like myself, who is interested in langs, and there are many SWls who have this interest, could have been much more helpful if we could have heard more talking (Tim Hendel, Miami FL)

Machu Picchu DX, is a new bulletin, not a club, published by Juan Carlos Navarro, Apartado 560, Piura, Peru; cost in US is \$2; no IXC's. Initial sample issue #0 is 12 pages, reduced photocopy, all in SP, articles on broadcasting in Peru, what is DXing?, from R Nederland, repros of Peruvian stn ads and logos, article and map on TV in Perú, article on FM stn; SW DX news; loggings by fq; Peruvian AM & FM stn lists for certain regions. I didn't really find any SW DX news in this issue, but it has the potential (gh)

Review of International Broadcasting, March issue was published 15/2. Includes: 2 pages of publications items; 2 pages of Equipment Forum in which Dave Newkirk explains why the IC-R 70 does not have passband tuning, and a recipe for radio tea. Listener Insights, incl. pgm skeds for CFRX, R RSA, R Monitors Intl, BBC, R Kiev, and complete new VOA EG pgm sked. Also MW pgm notes, 8 pages of DX news, and lots more stn background and reviews. \$1.25 US in NAM; 12 issues for \$15 from Glenn Hauser, Box 6287, Knoxville TN 37914

NOTE: Since this feature was dropped from RIB,

there has been some demand for its return, altho virtually every item on the broadcasts is published in country order, either in RIB or FRENDX, usually in a less succinct form. But some readers find it helpful to be able to check a verbatim transcript of the broadcast reports, in case of reception difficulties, or missing a week. So with the space available this month, here are some recent reports in reverse chronological order. Let us know whether you would like this to continue in LN (gh)

19-20) Stefan Bursell in Sweden reports Radio Independencia, Manaus, Brazil is somewhat active on 4934.9, such as February 5th around 0030 GMT. Members of Radio Nuevo Mundo, report Radio Capital, Rio de Janeiro, Brasil, active on 6195, opening around 0800. Radio Huanta, Peru on new 4755 between 1050 and 1210. Kraig W Krist in Virginia heard Argentina in English at 0100 on the rarely reported 15345, February 8th. And Radio Nacional del Ecuador has begun an external service in Spanish & Quechua at 2200-2430 on 15115 CJB. Chris Lobdell in Massachusetts notes La Voz de la Selva, Florencia, Colombia, related 6170, heard February first at 0940-0958 when Cayenne QRMed. Shortwave News Service in Ontario reports what seems to be a new station in Bogota, on 1040 kHz mediumwave, Voz de la Paz, February 6th at 0430 after a religious program. On February 13th, August Radio made a surprise change in its frequency to western North America, including England at 0430, now on 9655 instead of 5945. Bob Padula in Australia says Vatican Radio is listed on new 7125 in English to South Asia, Tuesday-Sunday at 0200, replacing 15130, 161965 and 11965. And Bob says FEBC Philippines has been using 15245 in English at 0300; 15410 at 2300-0100. On 11890 at 0500-1000. The 2-kilowatt outlet on 21515, listed at 2300-1000, has not been heard. Richard E Wood in Saudi Arabia heard Radio France in French at 1915-2015 on 17330, the announcing 17640. In DX Log of the Ozark State DX Club, Garth Rotramel in Arkansas reports an unidentified Angolan between 0420-0715, one night on 7203, then next on 7204. Jim Conrad in Iowa says Congolese modulation improved on 15190, in French at 2200. BBC Monitoring Service observed Radio Mogadishu carrying external instead of domestic services on 6790, at 0900-1100 including English, and at 1415-1530. English from UAE Radio, Dubai at 0330 was on 11755, 9605 and probably meant to read 9595. 0530 on 21700 17830 and 17775. 1030 on 21695 21655 and 1615 on 21655 177 75 and 15320. Voice of Arab Lebanon operating on 6204 at 0400-0500 said it would start English news from February first at 1300 and 1815. Chuck Oliver has heard a very weak Arab on 6204 at 0355. From the Philippines, BGCMS says Maharica Casting System, MBS, has been heard on 6170 from 2230 past 0215, and from before 0500-06 sign-off; also on 3286 at 2030 past 0115 and from before 0700 to 1306. English at 2300, 07, 8, 9, 10 12 and 13 hours. From Radio Veritas Asia, English at 0000-0030 280 and 15195; 1430-1500 on 15215 and 11955. Ron Trotto in Florida heard a new pirate radio Radio Morania, February 6th at 0505-0510 around 7475. Artie Bigley in Texas puts it on 68, until 0525. Bill Martin in Delaware enjoyed this hoax transmission February 12th 000-00T on 7414. Lots of mediumwave DX tests this week: Monday morning the 21st at 0800-00T, WJKW, 990, Rhode Island. Thursday the 24th at 0500-0700, WMD0 1540, Maryland. Friday the 25th at the same time, WIMD, 900, Maryland. And Sunday morning the 20th at 0800 GMT, WHIM, 1110, Rhode Island. Shortwave News Service in Ontario reports hearing fifth harmonic of WBTW, 1530, Pennsylvania, around 1920 hours on 7650 kHz. SWNS and Ron J Pinto in New York have been hearing the network feed with periodic pauses from a satellite News Channel, on 1622 kHz, some nights, but not every night, between 2200-0720. The propagation outlook: solar activity should remain low, sometimes moderate. The geomagnetic field is expected to be active to unsettled, most active around February 25th and 25th, and March 6th and 12th; the quietest periods around February 23rd, March 2nd and 7th. [report pre-empted Feb. 12-13]

5-6) In DX South Florida, W. J. Parks reports the rarely heard Bolivian, Radiodifusion Tropic, testing on 4775, January 13th but not since, at 0050, and relaying news from Radio Illimani at 0100. He and Steve Reinstein note Ondas del Mata, Colombia reactivated on 85 around 2345 to 0100, apparently relaying news and music from La Voz del Llano; the situation reported in Play-DX by Dario Monferini in Italy, since January 22nd at 0245-0300. Chuck Wolland in Florida heard HCJB on a new frequency, 3245 at 0930 in Quechua, parallel 3220. Ernie Behr in Ontario reports Radio Universo, Brazil on 11905.4 from 0400-0600, perhaps 24 hours, with nothing but religion, parallel 9545 variable. Ron Howland in California says the sign-off of Radio Arequipa, Peru, 5950, varies between 0330 and 0400. And Radio Pakistan, Islamabad on 5095 has news in English daily at 1345, and an English program from United Nations Radio Saturdays at 1445-1500. Ron Trotto in Florida says Kuwait is still on 11675 in English, with jazz at 2030 on a Friday. Nelson M George in North Carolina received notice from Radio Mediterranean, Malta, that a frequency change will use February first, 6110 instead of 5960; in English at 1800-1857, Arabic 2130, French 2230 [since jumbled]. Jim Conrad in Iowa says Belgium has moved from 17915 to 17610 in English at 1400-1445 Monday-Friday for North America; Ron Trotto notes there's a DX pre-emption Thursday at 1430. And Jim and I have heard Cuban clandestine La Voz del CID interfering with Belgium on 7465 at 0100; but in the clear at 0115-0133; I think this may replace the service because of Israel. BBC Monitoring Service quotes Radio Sandino that another Salvador-

lan guerrilla station, Radio Guazapa, has made an experimental broadcast near San Salvador on the 31 meter band and on 100 MHz FM. Another FMLIN station, Radio Venceremos, is heard on 6210, announcing this schedule of one-hour broadcasts: daily 1700 and 0230, Tuesday-Sunday at 0000. Monday-Saturday at 1200; Sunday only at 2000. Voice of the Mojshedin-e Khalq in Persian at 1730-1825 moves around between 6560 and 6590; Voice of Iranian Kurdistan at 1230-1440 in Kurdish, Persian and Azeri also moves around between 6556 and 6589 during each transmission. GBC Ghana has curtailed transmissions, channel one at 0545-0805 & 1245-2205; channel 2 at 0545-0805 and 1655-2205; but there's no break on Saturdays & Sundays. A Mongolian newspaper published this schedule for English from Radio Ulan Bator until April 15th--daily except Sunday, 1200-1235 on 12070, new 7115, and 5383; 1400-1435 & 1445-1520 on 12070, 7235 and 7115. BBC Monitoring Service gives these schedules for Laotian regionals: Houa Phan on 4652 at 2300-0100 & 1100-1300; Luang Prabang on 6977 at 2200-0100, Sunday to 0200; 0400-0600 and 0930-1400, Sunday to 1430. Pakse, 6587 at 2300-0200, 0400-0600 and 1000-1415. Udomsai on 6859 at 2300-0100 & 1030-1300. Xieng Khouang is on 5608 at 2300-0030 0400-0500 and 1100-1200. In DX Front Line, Japan, Isao Ugusa says Xieng Khouang is on 5610 at 1055-1155 and from 2300. Houa Phan on 4655. Pakse on 6589 at 0955-1415 but spoiled by Beijing from 1030 on 6590. North American pirate Radio Clandestine is widely reported this week--Steve Reinstein heard it January 23rd at 0557-0641 on 7350; Ron Trotto in Florida, Heather Hall and Artie Bigley in Texas report it January 30th between 0520 and 0610 on 7375 or 7380. And John Fisher in Rhode Island heard Radio Clandestine the same day on 9590 at 1705-1750. Mike Csorbay in Ontario heard another pirate, Coral Reef Radio on 6930 January 27th at 2115; and at 2136-2145 Voice of the Revolution on 6990. The propagation outlook: solar activity is expected to remain low. The geomagnetic field should be quiet to unsettled; most active around February 8th, 12th and 21st; most quiet around February 10th & 18th.

(Jan. 29-30) Tim Hendel in Florida, Artie Bigley in Texas, Robert Horvitz in Rhode Island and Kirk Baxter & Bob Rankin in Kansas each discovered another new Central American clandestine, Radio Miskute, in Spanish and Indian languages, and one time in English, opposing the Sandinista government. At first it was on 6920 drifting down to 6915, but more recently on 6870 to 6860, between 0115 and 0330, and again after 1100 GMT. BBC Monitoring Service says La Voz de Sandino and La Voz de Nicaragua Libre carry exactly the same news stories; and some more frequencies for the latter are: 5674-5685 January 12th-15th at 0000-0045; January 16th on 5812, 17th on 5893. Voice of the Iranian Revolution was heard at 1250 until closing at 1333 on 6367. Voice of the Mojshedin-e Khalq at 1630-1730 was on 7440 and 6570. QBS Qatar is now on 9715 at 1400-2130. In DSWCI Shortwave News, Finn Krone in Denmark reports Bangladesh on the broken frequency 9616.5 in Nepali at 1315; and Afghanistan on 7196.7 as early as 1200 hours. In the Ozark Mountain DX Club, Mitch Sams in Arkansas says Afghanistan is more reliable on 4450 at 0137, than on 15077 (at 1900), and he heard Bangladesh on 11943 around 1445. Johnny Denham in Alabama heard Radio 23 de Marzo, Bolivia, December 30th but not since, on 4638 variable at 0055-0137; Tony Jones in Paraguay had reported it as rarely active. And Mitch Sams heard Emissor Regional de Benguela, Angola, around 5040.3 in the clear after 0457. In Play-DX, Dario Monferini in Italy reports Mozambique in English at 1800 on 3264. Bob Padula in Australia says Canary Islands is on 15355 instead of 15365 heard at 0000-0030. The Chinese station on 6290 from 2230 is not the Beijing municipal station, Bob says, but the national network, transmitted from Urumqi. All India Radio is on 15270 instead of 15330 in English at 2245-0115, parallel 15110. In Australian DX News, Mick Ogrizek reports Nepal on new 6100 in English at 1455, instead of 5005, and parallel 9590. Sweden Calling DXers reported another new frequency from Nepal, 3230 for all transmissions, parallel 5005. Don't confuse 3230 with India as reported last week. In ADKN, Ogrizek confirms RRI Yogyakarta, Indonesia still has English on 5047 at 1130-1200. And Bob Padula says the VOA relay from Brazil has changed to 17885 and 15170 in Spanish at 1130-1400. Ernie Behr in Ontario says the station interfering with RCI between 0000 and 0258 is Rádio Aparecida, Brazil on 11847.3, announcing 11855. And he's been measuring other frequencies--Escuelas Radiofónicas Populares, Ecuador jumped two or three times a minute between 5022.4 and 5014.5, around 1115. Greece on 9517.3 between 2000 and 2400. Cuban clandestine La Voz del CID was very strong, at least 5 kilowatts, on 5106, at 1100-1210 and 0300-0336. And Radio Nacional, Venezuela, announced a new Spanish broadcast at 1400 on 11695. I heard them at 1124 on 9540, not 9530, nor the announced 9555. Chuck Bolland in Florida heard a Venezuelan new on shortwave, Catatumbo Internacional on 9620 at 1200 with sports news, identifying only as mediumwave 1360. And from Peru, Radio La Crónica good one day but weak the next on 9519.5 at 1100. George Poppin in California and Ralf Munster in Georgia say RAI, Italy has moved its North American service from 11800 to 5990, not the recommended 5970, between 2230 and 0325, since January 19th; and at 1830-1905 on 15245 instead of 21560. Jim Conrad in Iowa notes Portugal now on 9745 around 0230 hitting HCJB. A special mediumwave DX test is scheduled Monday morning the 31st at 0630-0700 GMT from WKYK, 940, Burnsville, North Carolina. The propagation outlook: solar activity is expected to remain low. The geomagnetic field should be at its quietest around January 29th, February 2nd and 10th; most active around February 11th.

(Jan. 22-23) Charles Hargrove in New York and I heard La Voz de Nicaragua Libre between 0400 and 0455 on 5850 reduced carrier SSB, January 17th but not since. Perhaps they change frequencies; BBC MS reported it Jan. 7th at 0000-0030 on 6180. More about VOFN this week on

WORLD OF RADIO. In DX South Florida, Bob Wilkner and Steve Reinsteiner report La Voz de Sandino January 6th at 1130 on 5825; and January 7th around 0100 on 5845. They may have moved from the other edge of the 49 meter band because Radio Venceremos, and the jammers against it showed up on 6210 January 4th at 1245, replacing 6720. Tim Hendel in Miami says he heard a pro-Solidarity broadcast in Polish on Radio Clarín, Dominican Republic, 11700, December 23rd (not December 3rd) around 2000. I've heard it too not just on Friday, at 1930-2000. Greg Baker in New York says these experimental broadcasts were expected to become regular in February. And Radio Clarín may soon be carrying English programs from Jeff White's Radio Earth International, at 0130-0230. Ernie Behr in Ontario reports Radio Quince de Septiembre on 7000 kHz, January 11 at 0300-0335; and Radio Nacional, Paraguay, on 9734.8 since Dec. 24 at 2300-0200. Also heard by Radio Nuevo Mundo members in Japan, signing on at 0800 or 0900; and Toshiaki Sakai reports that second harmonic, now on 19469.6, at 0100. Nobuyoshi Aoi heard Radio Pampas, Peru on 4854, opening at 1100. In DX South Florida, Mitch Sams in Arkansas reports All India Radio Gahauti, on 3230 instead on 3235 at 1250-1337 /this was actually somewhat tentative, and we think may have been Nepal/. And Steve Reinsteiner reports success in hearing Tanzania on 5050 after 4 years of trying, January 6th at 0306-0411. Richard E Wood says BKSA, Saudi Arabia is still on 2350 kHz, heard at 2210 hours parallel to a new USB outlet on 2230 kHz. And he notes a new but unidentified Arab station testing on 1539 kHz, January 9th at 2100-2300, overwhelming the Voice of Peace. Rádio Nacional, Angola is being widely reported on 9535 between 1800 and 2300 in several languages including English, and a Palestinian program at 2130-2200; thanks to Vito Echevarría in New York, Jim Conrad in Iowa, and Karl Bartz in Texas. In Play-DX, several reporters in Italy note that Nepal signs on at 0017 on 5005. On Radio Australia's Japanese DX program, Rodney Norris reports the Voice of Greece has moved from 7095 out of the ham band to 7305, between 0400 and 0615. Jim Conrad in Iowa says Greece is back in band on 9515 at 1900. Loren Cox in Kentucky hears Radio Beijing in English at 0000-0200 on the unlisted outlet of 15225. In World DX Club Contact, Allen Dean and Mark Warner report Suirside Radio, Ireland, reactivated on 6230 at 0812 December 26th. And Allen Dean says the student station in Oslo, Norway, Radio Suzie, will operate January 24 until February 3 at 2200-2400 on 1485 kHz. WPTF, 680, Raleigh, North Carolina, will be off the air for maintenance Monday morning the 24th; WORLD OF RADIO and other programs Of Special Interest will return next week. Richard A D'Angelo in Pennsylvania heard English from Algeria at 2000 on 15160 and 15370; Ernie Behr in Ontario heard this only on 9685. BBC Monitoring Service reports English from Spain at 2000 on 15375, 15190, 11840, and 9765; at 2100 on 15375 and 11760. Voice of Arab Lebanon has added shortwave, 6204 kHz, at 0400-2050 in Arabic and French. Gerry Bishop in Pennsylvania heard the irregular Cape Verde again, January 13th at 0800 on 7155; and WYFR January 16th at 0635 on 7355. And Gerry reminds us that Weekend Music Radio, Scotland, planned to test for North America January 23rd at 0500-0800 on 6260 and 6235. Robert Pacyna in Ohio heard a Voice of the Revolution on 3495 January 15th at 0200-0245 for the east coast, mentioning a broadcast at 0300 for the west coast on SSB 21475. The propagation outlook: solar activity is expected to be low. The geomagnetic field should be quiet to unsettled, most active around January 21st and 24th, most quiet around the 22nd, 29th, and February 2nd.

LAST-MINUTE INFO

R Clandestine, jingles, yankee accent ID, boogie mx, 3/2 0250-0340 on 4890, G-VG ("PIC", Italy, Play-DX)
UNIDENTIFIED 4854.5, "R Cartago" in SP, 1 & 2/2 2300-2359, P (Monferini & PIC, *ibid.*) CR?
 4855.8, religious-type stn, godwords, no ID, 1/2 2240-2300, P-F (R Cotroneo, Play-DX) lang?
ARGENTINA RAE now sked only: 15345 1900-0500; 11710 0000-0500 & 1030-1330; 6060 0000-0500..
 6180 now used only by R Nac Mendoza. 9690 dropped by RAE. (Gabriel Iván Barrera, Arg, 16/2)
BELGIUM From 6/3, BRT at 2300-0115 incl EG 0030+, 9880 NAM, 11625 SAM. From 27/3 Eu xmsns
 earlied to 1815-1900 17595 6225 daily, 2100-2145 Mon-Sat 15590 6225 (3RT)
BOLIVIA R Emisora Bolivia, 4756.7, 7/2 0210-0240, hvy RITTY QRM, P (R Cotroneo, Italy, Play-DX)
R Tilimani, 4945, 6 & 7 & 10/2 2240-2343; absurd pgm of funky soul mx, ID 2258, then
 Vienna waltzes; G-VG (Monferini & PIC, *ibid.*) R Florida, Samsipata, 3370, has ES pgm "Boli-
 via Sin Fronteras," M/W/F 0135-0200; also planning power increase (C. Dondi, Italy, SCDX)
BRAZIL /Cf Main section/ Since 24/1 RNB sked: Eu EG 1830, GM 1905 on 15125 17805. Nam same..
 PT to Af /2100/ dropped (Achim Luckhardt, Germany, SCDX 1/2) R MRC carrying out irregular
 tests on 9770, as is R Capital, Rio on 6195 (Eduardo Abbud Jundiai via C Dondi, Play-DX)
COLOMBIA To clarify the situation on 4885: Super net has reactivated fq in Villavicencio,
 first-w/pgms of LV del Llano, key stn of net, but since 31/1 has resumed xmsns w/old name of
 Ondas del Meta - also member of Super net, OK? (Dario Monferini, Play-DX 7/2)
HONDURAS R Luz y Vida, 3250, 22/1 0205 reactivated, C sig asking for reports (Perry, *ibid.*)
ISRAEL M83 IBA sked shows same fqs at 0000, 0100, 0200, - 7410 9815 11655; only 11m opn is
 25640 1200-1300 & 1400-1530 (gh)
ITALY R Milano InatI, 6221, *2331-0059* 5 & 6/2, spl live World Mx Radio pgm w/Andy Sennitt,
 Lae Alvin, Frankstein, G-VG (Dario Monferini, Play-DX) From 28/1 new stn on SW, irr times,
 ancing 24h, R Nord Garfagnana, Piazza al Serchio, Lucca, on 6300 1130-1620, 30 wats, asking
 for reports to Silvio Orsi, G.M., R.N.G., Piazza della Chiesa 54, 55035 Piazza al Ser-
 chio (Lucca), Phone 0583-60184 (F Riccio, RPA, Monferini, Play-DX) Time Scandicci, new fqs
 6143 6 & 7 & 12 & 13/1 0735-1420; 7155 2 & 12/2 1425-1550; via IBC (Play-DX) LEBANON R Leb,
 anding FR 0155 30/1 on 9545 (Dondi, Play-DX) TAIWAN unLD on 15515 at 2130 2/2, EG mention-
 ing Oakland, California (Chuck Oliver, Spring TX) WYFR relay supposed to be on 15525 (gh)

QSL REPORTS



Sam Barto
489 King Street
Bristol, CT 06010

AFGHANISTAN: Radio Afghanistan 15077 f/d cd. in 32 ds. for 2 IRCs. (Cobb).
ALBANIA: Radio Tirana 9750 p/d "Revolutionary Spirit" cd. in 10 wks. for 2 IRCs. (Loudell-TN). 7120 same cd. in 2 mo. (Kapinos-MA). How dare the competition submit items to our column! Hi!

ALGERIA: RTVA 15370 f/d "Bouzareah" cd. in 1 mo. for a PR rpt. and 2 IRCs.
ANTARCTICA: LRA36 Radio Nacional Arcangel San Gabriel (Palmersheim-MN). 15474 f/d folder cd. w/ personal ltr. in 121 ds. for a SP rpt. (Barto-CT). 15476 p/d ltr. in 82 ds. v/s Jose Bilbao Richter, Teniente General. (Barrea-ARG). ltr. in 106 ds. for a SP rpt. and ms. (George-NC). same in 103 ds. for an EG rpt. (D'Angelo-PA).

ARGENTINA: RAE 11710 n/d "Logo" cd. in 34 ds. for 1 IRC. (Luke-OH). 9690 n/d ltr. w/ pennant in 29 ds. for an EG rpt. (Somers-NJ). Radio Belgrano 6090 f/d cd. in 15 ds. for ms. v/s Felix A. Argota Salinas, Gerente Tecnico. (Barrera-ARG).
ARMENIA: Radio Yerevan 4040 f/d white cd. in 2 mo. w/ schedule and a New Years cd. (Glikman-IL). Radio Moscow 21740 via Erevan f/d cd. in 56 ds. (Purdum-MI).

ASCENSION ISLAND: Radio Atlantico 9710 cd. in 28 ds. for ms. (Warner-UK). BBC 15260 n/d "Bridge" cd. in 58 ds. (Paszkiewicz).

ASIATIC RUSSIA: Radio Moscow via Zhigulevsk 15220 f/d "Red Square" cd. in 58 ds. (George-NC). 11860 via Krasnovarsk f/d cd. in 1 mo. (Palmersheim-MN). Yuzhno-Sakhalinsk (no freq.) cd. in 41 ds. (Scharrwalin).

Date: 1st, December, 1982

Radio Television Malaysia Sarawak takes great pleasure in confirming your reception of our RII station on Frequency: 3385 kHz 89 Meters Time: 1302 - 1316 GMT Date: November 11, 1982.

Best wishes and happy Dx-ing via S. Glikman

Director of Broadcasting Sarawak

er-MI). 9580 via Blagoveschensk w/ cd. in 45 ds. (Aden-OR). 9730 via Komomolsk-on-Amur f/d "Tetyakov Gallery" cd. in 45 ds. (Aden-OR). 15140 and 15450 f/d "Mossiya Hotel" cd. in 45 ds. (Aden-OR). 17720 via Petropavlovsk Kamchatsky and 21560 w/ f/d cds. in 45 ds. (Aden-OR). 9500 via Kanga f/d cd. in 50 ds. (Aden-OR).

AUSTRALIA: Radio Australia 6035 via Carnarvon f/d "Kookaburras" cd. in 21 ds. v/s Peter Barnett, Director of Overseas Services. (name?) 11905 f/d "Regent Bower Bird" cd. in 18 ds. (Sob-
AUSTRIA: ORF 5945 f/d "Phantas-koviak-IL). magorical Landscape" cd. w/ schedule and sticker in 46 ds. (Sobkoviak-IL). 9770 f/d cd. in 2 mo. w/ sticker. (Loudell-TN).

BANGLADESH: Radio Bangladesh 11942.7 f/d form ltr. in 3 wks. for 1 IRC. v/s Md. * Abdur Rashid, Deputy Research Engineer. Schedule also recvd. (Glikman-IL).

BELGIUM: RTBF 15210 f/d "Harmonic Filter" cd. in 24 ds. w/ sticker. (Palmersheim-MN). BRT 15590/17915 and 21810 f/d cds. in 38 ds. (Palmersheim-MN). 17915 cd. in 32 ds. (Somers-NJ).

BELIZE: Radio Belize 3285 p/d "Map" cd. in 16 ds. for ms. v/s J. Johnson, Chief B/Cing Officer. (Purdum-MI). cd. in 2 wks. for 1 IRC. (Homer-PL). f/d cd. in 20 ds. for 1 IRC. (Swaringen-NC).

BENIN: ORTB 4870 p/d "Logo" cd. in 70 ds. for 2 IRCs. (Cobb-ME). same in 36 ds. for an EG rpt. (Stephany-NY).

BOLIVIA: Radio Abaroa 4710 f/d cd. w/ secular info. in 103 ds. for a SP rpt. and 2 IRCs. v/s Rene Aria P., Director. and by Rolman Medina M., QSL Manager. (Darling-UK).



RII QSL by Gerhard Stengel entitled "Girl with Garden Chair"

BOLIVIA: Radio Abaroa 4730 f/d cd. w/ ltr. in 44 ds. for a SP rpt. (Barto)
 * -CT). **Radio Florida** 3370 f/d certificate w/ personal ltr. in 55 ds. for ms. Full address as Radio Emisoras "Florida" Sociedad Comercial Ltda. "Voz Impulsora del Turismo Provincial", Calle Bolivar 132, Samaipata, Prov. Florida, Dpto. Santa Cruz de la Sierra, Bolivia. (Darling-UK).
 * **Radio Santa Ana** 4886 personal ltr. in 65 ds. for a SP rpt. and ms. v/s Delicia Guardia de Lima. (Darling-UK).

BONAIRE: Radio Nederland

9590 f/d cd. in 50 ds. w/ flag pennant. Calendar rcvd. (Pieper-MI). 9715 f/d "Flevo Transmitter Site" cd. in 19 ds. for 2 IRCs. (Loudell-TN).
Trans World Radio 9755 f/d "Telling the World of Redemption" cd. in 37 ds. for 1 IRC. Calendar and stickers rcvd. (Sobkoviak-IL).

BRASIL: Radio Nacional Cruzeiro do Sul 4765 f/d prepared cd. w/ personal note in 2 yrs. for a PT rpt. and ms. v/s Marie de Oliveira da Silva, Gerente-GESUL. (Lazarus-LA). **Radio Nacional do Brasil** 17830 f/d "Palacio do Itamaraty" cd. in 116 ds. for an EG rpt. (Sobkoviak-IL). 15290 ltr. w/ sticker in 3 mo. for 1 IRC. (Witte-CA). **Radio Aparecida** 9635 folder cd. in 41 ds. for ms. v/s Padre Orlando Gambi. (Darling-UK). **Radio Amazonia** 11780 p/d ltr. in 5 mo. v/s Ana Maria de Matos. (Witte-CA).

BULGARIA: Radio Sofia 9700 f/d "Pamorovo" cd. in 2 mo. for 2 IRCs. (Loudell-TN). f/d "Bachkovo Monastery" cd. in 99 ds. (Somers-NJ).

BYELORUSSIA: Radio Moscow 11745 via Minsk f/d cd. in 29 ds. (Lare-MI).

CAMBODIA: Radio Caroua 5010 f/d form ltr. in 11 mo. for 3 IRCs. (Loudell-TN)
Radio Bertoua 4750 f/d ltr. in 26 ds. for an EG rpt. and 2 IRCs. Station requires 2 IRCs. Notation on ltr. stated "Always support your report w/ recorded tape or cassette" (Ravenhorst-MN). **Radio Yaounde** 4850 f/d "Map" cd. in 134 mo. for 3 IRCs. (Brouillette-MO).

CANADA: CPVP 6030 f/d "Calgary" cd. in 19 ds. for ms. v/s Judy McGregor. (Ravenhorst-MN). **CFPX 6005** p/d large orange cd. in 15 ds. (George-NC).
Radio Canada International 5960 f/d "Canadian Arts Council" cd. in 9 wks w/ sticker and pennant. (Kapinos-MA).

CAPE VERDE: Radio Voz de Sao Vicente 7155 B&W cd. in 20 ds. for a PT rpt. and 2 IRCs. (George-NC).

CHILE: Radio Patagonia 6080 f/d cd. in 18 ds. for a SP rpt. and ms. v/s L.A. Ojeda, Director. (Barrera-ARG).

CHINA: Radio Peking 15120 f/d "Anniversary" cd. w/ pennant. (Aden-OR). cd.

in 24 ds. for 1 IRC. (Pieper-MI). 15520 cd. in 24 ds. w/ book markers. (Loudell-TN). cd. w/ pennant and stickers in 24 ds. (Stephany-NY). cd. in 1 mo. (Scharer-MI). 9820 f/d "Kunming Lake" cd. in 1 mo. (Somers-NJ). **BEM** 15000 f/d cd. in 6 mo. v/s Yang Huai-xu. (Lare-MI).

via
 Streeter and
 Sgrulletta



QSL
 Verification Card
 Turkish Police Radio
 (Türkiye Polis Radyosu)

Dear Listener,

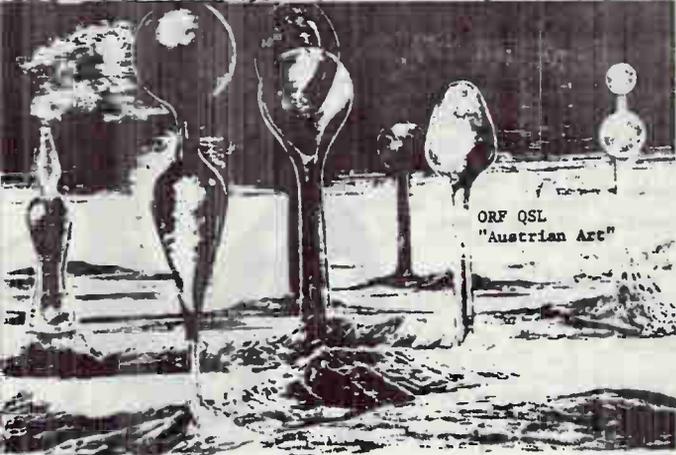
Your report of reception of Turkish Police Radio (on 6340 khs)

on **DECEMBER 10th**, 1981 from 08:00 to 08:42 **GMT is correct**

Thank you very much for your interest.

Sincerely,

Station Director
 Yayın ve TV Şb. Müdürü
 Emniyet Genel Müdürlüğü
 Ankara/TURKEY



ORF QSL
 "Austrian Art"

CHINA: Guanxi PBS
 5010 Nanning f/d
 cd. in 37 ds. via
 Peking. (Reinstein-
 FL). **Jiangxi PBS**
 5020 f/d "Tai Ho
 Hall" cd. in 37 ds
 via Peking. (Rein-
 stein-FL). **CPBS**
 4905 f/d cd. in 23
 ds. (George-NC).

COLOMBIA: Emisoras
Armonias del Cagueta
 4915 f/d pre-
 pared cd. w/ per-
 sonal ltr. in 3 wks
 for a SP rpt. and
 ms. v/s Padre Al-
 varo Serna Alzate,
 Director. (Lazarus-
 LA). **Radio Guatamuri** 4815 n/d ltr. in 115 ds.
 for a SP rpt. and 1 IRC. (Paszkiewicz-WI).

CONGO: RTV Congolaise 15190 f/d ltr. in 19½ mo. for a taped rpt. and 4 IRCs
COOK ISLANDS: Radio Cook Islands 11760 f/d "Conch Blower" cd. in 26 ds. for
 2 IRCs. v/s Noorea E. Tangaroa, Director. (Stephany-NY).

CUBA: Radio Habana Cuba 11930 f/d "Motel" cd. in 6 mo. v/s Maria Montero
 Triana. (Kacir-MI). 11760 same cd. in 178 ds. (Paszkiewicz-WI). **Radio Mos-
 cow** 11840 via **Habana** f/d cd. in 45 ds. (Hosmer-MI). f/d cd. in 1 mo. (Pal-
 mersheim-MN).

CYPRUS: Cyprus Broadcasting Corp. 7180 f/d "Venus de Milo" cd. in 7 wks.
 for a taped rpt. and 2 IRCs. (Kapinos-MA).

CZECHOSLOVAKIA: Radio Prague 11990 f/d cd. in 3 mo. for 2 IRCs. (Loudell-TN)
 7345 f/d cd. in 59 ds. (Somers-NJ).

DOMINICAN REP: Radio Clarin 11700 colorful f/d cd. in 3½ mo. for an EG rpt.
 (Witte-GA). same in 5 yrs!!! (Desrosiers-MA).

ECUADOR: HCJB 15115 f/d "Orchid" cd. in 7 wks. for ms. (Loudell-TN). same in
 3 mo. (Lobdell-MA). 11915 f/d cd. in 48 ds. (Scharrer-MI). 26020 f/d "Tran-
 smitter/Antenna" cd. in 24 ds. (Stephany-NY). **Radio Bahía** 4995 n/d cd.
 w/ personal ltr. in 6 wks. for a SP rpt. and ms. v/s Marcelo Quinteros M
 Gerente Ejecutivo. Large poster rcvd. (Lazarus-LA). same w/ poster in 2
 mo. for an EG rpt. and ms. (Lobdell-MA). **Ondas Canarias** 5045 personal ltr.
 w/ large gray pennant in 4 yrs! for a SP rpt. and ms. v/s Ines Dominguez
 de Vicuna. (Lazarus-LA). **Radio Pataya** 3315 n/d ltr. in 9 wks. for a SP
 rpt. and 1 IRC. v/s Hugo Morante, Director. Pennant also rcvd. (Gliksman-
 IL). **La Voz de Saquisilí y Libertador** 4900 XMAS cd. in 10 wks. for a SP
 rpt. and 1 IRC. v/s Arturo Mena Herrera, Gerente. (Gliksman-IL).

EGYPT: Radio Cairo 9475 f/d B&W cd. in 6 wks. (Kacir-MI).

EL SALVADOR: Radio El Salvador YSSS 9552 p/d personal ltr. in 10 mo. for a
 SP rpt. and 3 IRCs. v/s Carlos Alberto Melendez, Director. (Lobdell-MA).

Radio Venceremos 6709 f/d cd. in 78 ds. for US \$1.00 v/s Rolando Mart-
 inez. (Barrera).

ENGLAND: BBC 9510
 cd. in 24 ds.
 (Scharrer-MI).

KLA Radio 6534
 ltr. in 15 ds.
 for SASE. 27
 watts! (Darling-
 UK). **Subway
 Sounds** 7325 ltr.
 in 33 ds. for an
 SASE. via **Radio
 Apollo** 25 watts!
 (Darling-UK).

Radio Avalanche
 7325 via **Radio
 Apollo** ltr. in
 35 ds. for SASE.
 25 watts! (Darling-
 UK). 7340 cd.
 in 8 ds. for
 SASE. (Warner-UK)

Radio 7325 ltr.
 in 33 ds. for an
 SASE. via **Radio
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 (Darling-UK).

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 in 8 ds. for
 SASE. (Warner-UK)

Radio 7325 ltr.
 in 33 ds. for an
 SASE. via **Radio
 Apollo** 25 watts!
 (Darling-UK).

His Majesty's Government
 Department of Broadcasting
RADIO NEPAL

Date: Oct. 12, 1982

Singha Durbar
 Kathmandu,
 Nepal.

via Mike Hardester

Dear Sir,

Many thanks for your reception report.
 I am pleased to confirm that your report was correct.

Date of reception... 19 Oct. 1982 ...
 Frequency ... 5425 kHz ...
 Time ... 1430 hrs ...

Yours sincerely

 K. B. Khatri, C. Eng.)
 Chief Engineer

SISTEMA RADIOFONICO H. B.
 Roger Barahona y Hnos. S. A.



from the Bill
 Plum collection

No. 1 EN COSTA RICA
 GRACIAS A USTED.

730 K H Z
 ONDA MEDIA

94.3 MGZ
 F.M.

6006 KHZ
 49 METROS

4832 KHZ
 60 METROS

PERMANENTE... COMO EL SOL.

AND: BBMS 7340 ltr. in 4 ds. for
SASE. (Warner-UK). Radio Viking
330 ltr. in 11 ds. for 2 IRCs. (Warner-UK).
SASE Radio 7340 via Radio Ayalanche ltr.

30 ds. for ms. (Warner-UK). UK
Radio Kent 6270 prepared cd. w/ ltr.
7 ds. for an SASE. (Warner-UK).
Radio Freedom 6300 Darby ltr. w/
station pen in 35 ds. (Warner-UK).

RIA: Eesti Raadio 6085 f/d cds.
67 ds. for a RS/EG rpt. (Rein-
stein-FL).

RUSSIA: Radio Moscow 7310 via
Moscow f/d cd. in 1 mo. (Gliksman-
MI). same in 32 ds. (Purdum-MI).
15 via Ivano-Frankovsk f/d "Rail-
road Station" cd. in 32 ds. (Purdum-
MI). 15220 via Zhigulevsk f/d cd.
1 mo. (Gliksman-IL). same in 36
ds. (Purdum-MI). 5920 via Armavir w/
f/d cd. in 29 ds. (Purdum-MI).

Does anyone have a comprehensive list-
ing of Soviet transmitter sites for
each of the Republics? I gotta stop
fixing them up...Sam.

GERMANY: Deutsche Welle
45 n/d cd. w/ pennant in 44 ds. (Som-
ers-NJ). 9545 cd. in 27 ds. (Scharrer-
MI). VOA 6150 via Munich f/d cd. in 10
ds. (Hosmer-MI).

Radio France International 17750 f/d
1. w/ pennant in 36 ds. (Robinson-TN).
GUYANE: PR3 5055 cd. in 1 mo. for
FR rpt. and 1 IRC. (Swaringen-NC).

985 f/d "Map/Logo" cd. in 128 ds. for 2 IRCs. Sticker rcvd. (Stephany-
MI). cd. w/ schedule in 60 ds. for 2 IRCs. (Cobb-ME).

DEMOCRATIC REP: Radio Berlin International 21465 f/d "Schwerin" cd.
in 45 ds. (Choroszy-ME). 9730 f/d "Gera Scenes" cd. in 6 wks. (Kapinos).

VOA 15205 via Kavala f/d cd. in 51 ds. (Purdum-MI). same in 24 ds.
Lukes-OH). Voice of Greece 9865 f/d "Santorini Island" cd. in 45 ds.

(Paszkiwicz-WI). f/d "Samos" cd. in 3 mo. for 2 IRCs. (Loudell-TN).
KITWR 9505 f/d "Antenna" cd. in 24 ds. v/s Debbie Blosser. (Choroszy-
MI). 11840 f/d cd. in @ 1 mo. (Matthews-OH).

Malta: Radio Cultural 3300 p/d cd. w/ ltr. in 13 mo. for a SP rpt. and
v/s Wayne Berger, Chief Engineer. (Choroszy-ME). f/d "Quetzal" cd.
191 ds. for a SP rpt. and ms. (Reinstein-FL). same in 190 ds. (Stephany-
MI). p/d cd. in 315 ds. (Paszkiwicz-WI). Radio Man 4825 p/d form ltr.

in 111 ds. for a SP rpt. &
ms. v/s Herminio Perez Lopez,
Director. (Reinstein-FL)

HOLLAND: Radio
Nederland

17605 f/d cd.

in 14 ds. (Paszkiwicz-WI)

9590 f/d cd.

w/ pennant in
67 ds. (Somers

-NJ). Radio
Northsea In-

ternational

6235 cd. in
50 ds. for 2

IRC's. 18 watt
(Darling-UK).

* Radio Kosmos

6335 ltr. in
22 ds. for 2

IRC's. (Warner
-UK).

Radio Japan



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QSL COLUMN
FORMS ARE
AVAILABLE
FROM YOUR
EDITOR FOR
AN SASE



Radio Norway

"Jolstervatnet"

HOLLAND: Radio Sunday International 7350 cd. w/ ltr. in 25 ds. (Warner-UK). Radio Dayton International 6274 f/d cd. in 30 ds. for reception while in FRG. 15 watts! (Saylor-FRG). cd. w/ ltr. in 21 ds. for 2 IRCs. (Warner-UK)

HAWAII: WWH 15000 folder cd. in 3 wks. (Kapinos-MA). p/d cd. in 3 wks. (Loudell-TN).

INDIA: AIR 11620 f/d "Bubble Pipe" cd. in 45 ds v/s R. Chalapatu Rao. (Paszkiwicz-WI). AIR 4800 via Hyderabad f/d "Dal Lake" cd. in 7 wks. v/s O.P. Khushu. (Howard-CA). AIR 4775 via Gauhati f/d cd. in 7 wks. (Howard-CA).

IRAN: Voice of the Iranian Revolution 9022 f/d "War is Ugly" cd. in 2 mo. (Kapinos-MA). Radio Vatan 9027 p/d cd. in 204 ds. for an AR rpt. and 2 IRCs. via the FRG address. (Barrera-FRG).

ISRAEL: IBA 9815 f/d cd. in 48 ds. (Somers-NJ).

ITALY: RAI 9575 f/d "Bernini" cd. in 74 ds. (Scharrer-MI). f/d "St. Teresa" cd. in 38 ds (Paszkiwicz-WI). 17715 f/d "Estate sul Fiume" cd. in 127 ds. (Stephany-NY). 11800 f/d cd. in 2 mo. (Loudell-TN). Radio Pace 15475 n/d personal ltr. in 266 ds. for 1 IRC. (Darling-UK).

QSL RADIO Dayton



name Brett D. Saylor
time 10.13 GMT
freq 6274 kHz

date 12-12-82
sinpo

JAPAN: JJJ 15000 f/d cd. in 72 ds. for 2 IRCs. (Cobb-ME). Radio Japan 17825 f/d "Mt. Fuji" cd. in 1 mo. (Palmerheim-MN). 11815 same cd. in 41 ds. (Palmerheim-MN). NSB f/d cd. in 28 ds. for 1 IRC. (Stephany-NY).

KIRGHIZ: Radio Moscow 15265 via Frunze f/d cd. in 29 ds. (Lare-MI).

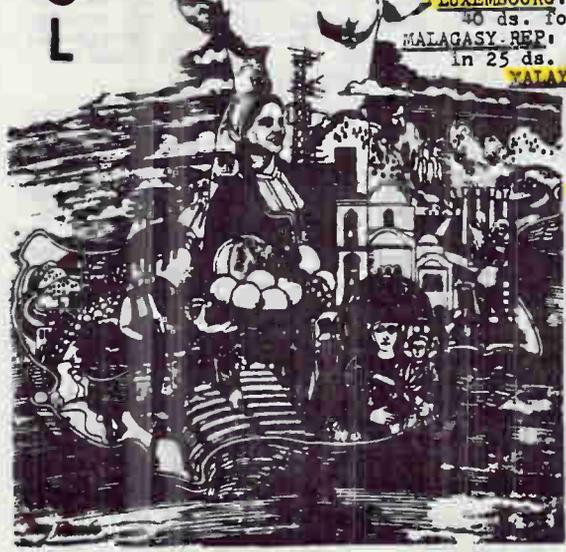
KOREA, REPUBLIC OF: Radio Korea 11810 f/d "30th Anniversary" cd. in 1 mo. (Palmerheim-MN).



**Q
S
L**



via
John Sgrulletta



KUWAIT: Radio Kuwait 11675 f/d ltr. w/ stickers in 35 ds. for 2 IRCs. v/s Jawad Al-Mazeedi, Chief Engineer. (Mayer-PA). 11665 cd. in 63 ds. for 2 IRCs. (Homer-FL). 15495 f/d folder cd. in 30 ds. for 2 IRCs. (Brouillette-MI).

LEBANON: Voice of Hops 6215 p/d "Dove" cd. w/ sticker in 1 wk. for ms. (Ravenhorst-MN).

LIBERIA: ELBC 3255 cd. in 42 ds. for 3 IRCs. (Homer-FL). cd. w/ personal ltr. in 27 ds. for 2 IRCs. (Warner-UK). ELWA 3230 f/d cd. in 39 ds.

LITHUANIA: Radio Vilnius 17870 (Barto-CT). f/d "Logo" cd. in 169 ds. v/s J. Lukosevicius, Editor. (Purdum-MI).

LUXEMBOURG: Radio Luxembourg 6090 cd. in 40 ds. for 1 IRC. (Stephany-NY).

MALAGASY REP: Radio Nederland 15520 f/d cd. in 25 ds. for 1 IRC. (Kapinos-MA).

MALAYSIA: Radio Malaysia 7265 f/d "Betel Box" cd. in 144 ds. for 1 IRC. (Stephany-NY). 7295 f/d "Tepak Sirih" cd. in 99 ds. via Penang. for 1 IRC. (Palmerheim-MN).

MALTA: Radio Mediterraneo 5960 f/d "Map" cd. in 18 ds. for 3 IRCs. (Newhall-CT). in 21 ds. for 2 IRCs. v/s Marisa Farrugia, Secretary. (George-NC). cd. w/ sticker in 15 ds. for 3 IRCs. (Hosmer-MI). f/d cd. in 16 ds. for 2 IRCs. (Lare-MI). International Christian Radio 9515 f/d "CN Tower" cd. in 104 ds. for 1 IRC. (Brouillette-MI). Deutsche Welle 11785 n/d cd. w/ sticker & pennant in 23 ds. (Sobkoviak-IL).

VERIFICATION SIGNERS: Radio Bertoua 4750 James Achanji Fontan. RRI Kendari 4000 Eddy Sihombing, Kepala Stasiun. RRI Pekanbaru 5885 Zainal Abbas, Kepala Stasiun. QBS 17910 Jassem Mohd. Al-Qattan. Radio Zanzibar 3339 Tatu A. Abdalla Radio TV Gaucha 11915 Flavio L. Fleck, Technician. NSE 3925 Yosmihiko Kimijima. AIR Srinagar 3277 O.P. Khushu. La Voz de la Selva 4825 Teresa Perez Valera, Secretaria. Radio Record 15135 Selma Maria Leite. Radio Iltimani 6025 Mario Ortiz Ortiz. Radio Inconfidencia 15190 Eugenio Silva. Radio Quito 4920 Alfonso Laso, Radio Andahuaylas 4840 Daniel Andreu Casafranca. La Voz del CID 5105 Alfredo Aspitia. Ondas del Huallaga 3330 Flaviano Llanos, Legal Representative. Radio Abaroa 4710 Rolman Medina M.

Radio Bucharest QSL
"Moneasa Spa"



MEXICO: Radio Mexico International 11770 f/d cd. w/ sticker in 30 ds. for a SP rpt. and 2 IRCs. (Sobkoviak-IL). Radio Universidad XEXQ 6045 f/d prepared cd. w/ personal ltr. in 6 wks. for a SP rpt. and ms. v/s Manuel Carrillo Grageda, Director General. (Lazarus-LA).
* Radio Huavacocotl 2390 XEJN ltr. in 576 ds. for a SP rpt. and 2 IRCs. My best QSL: 500 watts! (Warner-UK).

(Loudell-TN)

MONACO: Trans World Radio 9495 f/d "Antenna" cd. in 6 wks. for 2 IRCs.
MONGOLIA: Radio Ulan Bator 12070 f/d cd. in 3 mo. (Loudell-TN). cd. w/ pennant in 40 ds. for 2 IRCs. (Cobb-ME). same in 174 ds. for 3 IRCs. (Hosmer-MI).
MONTSERRAT: Deutsche Welle 11705 n/d cd. in 49 ds. for 1 IRC. (Hosmer-MI). 9545 cd. in 64 ds. v/s Peter Senger. (Paszkiwicz-WI).
NEPAL: Radio Nepal 9590 f/d cd. in 29 ds. v/s K.B. Khattry. (Cobb-ME).
NEWFOUNDLAND: CKZN 6160 r/d "Map" cd. in 40 ds. for 2 IRCs. v/s D. Uttaro (Lare-MI). p/d "Map" cd. in 23 ds. (Paszkiwicz-WI). (Loudell-TN).
NEW ZEALAND: Radio New Zealand 15485 f/d "Tiki" cd. w/ pennant in 17 ds.
NICARAGUA: Radio Nacional 5950 p/d personal ltr. w/ pennant in 155 ds. for a SP rpt. and 1 IRC. (Ravenhorst-MN). Radio Zinica 6120 p/d ltr. in 264 ds. for a SP rpt. and ms. v/s Arturo J. Valdez R., Director. (George-NC)
NIGERIA: PRCN 4770 via Kaduna f/d ltr. in 56 ds. for 1 IRC. v/s Ismaila Mohammed. (Ravenhorst-MN). same in 4 mo. (Witte-CA).
NORWAY: Radio Norway International 25615 cd. in 33 ds. (Scharrer-MI).
OMAN: Radio Oman 9510 f/d cd. in 83 ds. for an AR rpt. and 1 IRC. (Barrera)
PARAGUAY: Radio Nacional 11915 p/d form ltr. in 42 ds. for a SP rpt. and 2 IRCs. v/s Carlos Montaner. (Ravenhorst-MN).

PAKISTAN: Radio Pakistan 4885
* via Quetta, 5008 via Rawalpindi and 5060 and 5095
* via Islamabad personal ltr w/ all sites in 2 mo. for ms. v/s Yar Mohammad Khan, Engineering Manager. (Howard-CA).

PERU: Radio Cultural Amauta 4955 ltr. w/ post cards in 3 wks. for a SP rpt. and ms. v/s Saturino Galivan N., Gerente. (Lobdell)
Radio del Pacifico 9675 f/d "Machu Picchu" cd. in 1 mo for a SP rpt. and 1 IRC. (Glikman-IL).

via John Wilkins

LESOTHO

LESOTHO NATIONAL BROADCASTING SERVICE

THE VOICE OF LESOTHO

PHILIPPINES: Radio Veritas Asia 11955 f/d "Deepabali" cd. in 46 ds. v/s Ms. Cleofe R. Labindao, Audience Relations Officer. (George-NC).

POLAND: Radio Polonia 9525 f/d "Lazienki Park" cd. in 6 wks. (Loudell-TN).

PORTUGAL: IBRA Radio 9670 via Radio Trans Europa/Sines f/d "Reaching Out to Africa" cd. in 18 ds. w/ pennant. (Stephany-NY).

QATAR: QBC 15505 f/d cd. in 60 ds. v/s Jassem Mohammed Al-Qatten. (Cobb-ME).

SATPAH: KYOT 11900 f/d cd. in 25 ds. for ms. (Gavaras-MN)...Congrats!

SAUDI ARABIA: BSKSA 15060 f/d cd. in 74 ds. (Ravenhorst-MN). (Warner-UK).

SCOTLAND: Radio Lough Ree via WMB 6240 cd. w/ ltr. in 12 ds. for 1 IRC.

SICILY: RAI 7175 via Caltanissetta f/d "Venere Dormiente" cd. in 135 ds.

SINERE LEONE: SLBC 5980 f/d ltr. in 50 ds. for 2 IRCs. (George-NC). v/s John Maddy. (Swaringen-NC).

SINGAPORE: Radio Singapore 5010 cd. in 32 ds. for 1 IRC. (Warner-UK).

SOUTH AFRICA: Radio RSA 9615, 11730 and 15325 f/d cd. in 22 ds. (Palmerheim-MN). 9585 f/d "Cape Peninsula" cd. in 23 ds. (Somers-NJ). (Sobkoviak).

SPAIN: Radio Exterior de Espana 11880 f/d "Bisonte" cd. w/ pennant in 31 ds.

SRI LANKA: VOA 15250 f/d cd. in 8 ds. (Hosmer-MI).

SWAZILAND: Trans World Radio 3335 f/d folder cd. in 26 ds. for 2 IRCs. v/s Terri Longman. (Cobb-ME). 9730 cd. in 7 wks. for 2 IRCs. (Loudell-TN).

SWITZERLAND: Red Cross Broadcasting Service 7210 f/d "Globe w/ Earphones" cd. in 29 ds. for 1 IRC. (Stephany-NY). (MI).

TAHITI: FR3 11825 f/d "Logo w/ Conch Shell" cd. in 22 ds. for 2 IRCs. (Lare-Tanger).

TANGIER: VOA 15205 f/d cd. in 14 ds. (Luke-OH).

TANZANIA: Radio Tanzania 5050 p/d ltr. in 28 ds. for 2 IRCs. v/s E.A.H. Mkwongwe. C/V #100: (Loh-AZ).

TIBET: Xizang PBS 9490 f/d "Tai Ho Hall" cd. via Peking in 23 ds. (George-NC).

TURKEY: Turkiye Polis Radyosu 6340 f/d form in 1 yr. for 1 IRC. (Gliksman). cd. in 415 ds. for 1 IRC. (Warner-UK). Voice of Turkey 9560 f/d cd. in 35 ds. (Paszkiwicz-WI).

UGANDA: Radio Uganda 15325 f/d cd. in 27 ds. for 2 IRCs. (Cobb-ME).

UKRAINE: Radio Moscow 9580 via Starobelsk f/d cd. in 1 mo. (Gliksman-IL). via Vinnitsa on 11860 f/d cd. in 45 ds. (Hosmer-MI). Radio Kiev 15100 f/d cd. in 46 ds. (Somers-NJ).

UNITED ARAB EMIRATES: Dubai Radio and Television 15300 f/d "Map" cd. in 26 ds. for 1 IRC. (Ravenhorst-MN).

USA: WVY 10000, 15000 and 20000 f/d cd. in 9 ds. (Scharrer). KQSB 7425 f/d ltr. w/ paper pennant in 104 ds. (Ravenhorst-MN). WJNB 15185 f/d "Logo" cd. in 17 ds. (Paszkiwicz-WI). KGEI 15280 f/d "Golden Gate Bridge" cd. in 36 ds. for ms. (Lare-MI). same in 40 ds. v/s Jesus C. Elizondo. (Purdum-MI). United Nations Radio 21710 f/d blue cd. in 5 ds. for an SASE. (Loudell-TN). (Sgrulletta-NY).

UZBEK SSR: Radio Tashkent 15460 f/d "Logo" cd. in 6 wks. for 2 IRCs.

VATICAN: Radio Vatican 6210 n/d "Listeners" cd. in 24 ds. (Choroszy-ME). 9605 f/d "Pope John Paul" cd. in 6 wks. for ms. (Loudell-TN).

VENEZUELA: Radio Rumbos 4970 f/d "Teatro Municipal" cd. in 110 ds. for a SP rpt. and 1 IRC. (Lare-MI). Radio Tachira 4830 prepared certificate w/ small blue pennant in 60 ds. for ms. (Darling-UK). Radio Carora 4910 ltr. in 23 ds. for a SP rpt. and ms. (Warner-UK). YVTD 6100 f/d cd. in 96 ds. for 2 IRCs. v/s German Romero O. (Cobb-ME). (MA).

VIETNAM: Voice of Vietnam 15010 f/d paper cd. in 4 mo. for 1 IRC. (Kapinos).

WEST IRIAN: RRI Jayapura 5045 f/d EG cd. in 2 mo. for an IN rpt. and 1 IRC v/s Muhammed Ely. (Gliksman-IL). RRI Serui 6206 prepared cd. w/ personal ltr. in 296 ds. (Darling-UK). RRI Pak-Pak 4790 p/d ltr. in 3 mo. for an IN rpt. and 1 IRC. (Gliksman-IL). (Loudell-TN).

YEMEN ARAB REPUBLIC: Radio Sana'a 9780 p/d form ltr. in 7 wks. for 2 IRCs.

ZAIRE: Radio Bukavu 4839 ltr. in 235 ds. for a FR rpt. and 2 IRCs. v/s Edode Mendengels, Le Directeur Regional de L'O.Z.R.T. (Warner-UK).

NOTE: As you can no doubt notice we ran out of space. I guess I calculated wrong. I have a feeling that the economy may be picking up as we are starting to see more QSL reports at this end. The reports that were left out will definitely be included in the next column. This time we had 106 countries reported. Starting to get better!

QSL COLUMN REPORT FORMS ARE
AVAILABLE FROM YOUR EDITOR
FOR AN SASE...Sam.

Till next time.

Sam



JERRY A. LINEBACK, Editor
115 Wroxton
Conroe, TX 77304

MARCH 1983

Welcome to Scoreboard. This issue we spotlight Asia. C/H - countries heard and C/V - countries verified. All country counts are by rules set forth in the NASWA Radio Country List and Awards Program booklet available from NASWA, P. O. Box 13, Liberty, IN 47353 (\$1.00 U.S., \$2.00 overseas). The next deadline will be 15 May 1983 when the spotlight will be on Europe.

*****				*****			
Name, state	Total	Asia	Best QSL	Name, state	Total	Asia	Best QSL
	C/H C/V	C/H C/V			C/H C/V	C/H C/V	
Don Jensen, WI	227 226			Henry Lazarus, LA	192 187	50 50	Quetta
John Tuchscherer, WI	226	62	Qatar	John Sgrulleta, NY	191 189	44 42	Turkish Met
Gordon Darling, UK	224 215	63 60	Surabaya	Ron Howard, CA	177	47	Azad Kashmir
Ernie Behr, Ont	224 202	64 56	NHK Sendai	G. J. Oreskar, CA	191 174	53 47	
Irving Johnson, CA	224 62	62 15	Molucca	Mark Koukol, IL	191 165	52 39	Brunei
Bob Padula, Austral.	221 214	65 64	Bhutan	Vladimir Cucura, PA	191 105	49 27	Oudon Xay
Saa Barto, CT	220 211	63 59	Viraqi Kurd.	Robert Wilkner, FL	190 97	56 18	Tibet
Al Sizer, CT	217 214	61 61	Maldives	Martin Foltz, MI	187 142	45 29	Brunei
Edward Kusalik, Alb	217 202	62 58	Dill	Mark Warner, UK	186 147	50 42	Vientiane
Marlin Field, MI	215 212	60 58	Scrong	Robert Vance, FRG	185 156	50 42	Manchuria
Don Robinson, DC	213 173			C. Vernon Hyson, NC	183 164	47 40	Sarawak
Bill Sparks, CA	212 207	62 58	JDY	Jay Florian, IL	183 119	49 30	Bangladesh
			Manchoukuo	Henry Ward, Que	181 156	44 39	Mongolia
Tom Williamson, Ont	212 193	60 50	Goa	Terry Palmersheim, MN	181 140	49 36	Turkish Pol.
Serge P. Neumann, AZ	211 197	59 50	Hong Kong	Steve Reinstein, FL	181 97	50 21	Islamabad HS
Tom Gavaras, MN	211 188	61 55	VTVN	Jerry Lineback, TX	180 104	50 14	Ujung Pandan
Terry Klasek, MO	210 205	58 58	Burma	Scott McClellan, MI	180	45	Lebanon
Nobuaki Takahashi, J	209 170			Brian Alexander, PA	179 76	43 16	Kuwait
William Flynn, CA	208 186	59 47	Hong Kong	Andy Leskowitz, MA	177 101	44 24	Kampuchea
Neal Perdus, AL	207 55	60 11	Pakistan	John Huniwell, NJ	176 171	43 43	Tibet
Gerald Bishop, PA	206 170	54 44	Turkish Met	Mike Hardester, CA	176 161	50 45	AFNT Taiwan
Victor Jear, Que	206 4			Richard E. Davis, CA	176 153	51 46	Kampuchea
James Koren, NC	204 188	57 48	Kampuchea	Robert Fleck, TX	176 144	42 34	S. Yemen
Michael Dayen, MN	203 170	59 48	Maldives	David Reitz, KY	176 110	45 24	Bangladesh
Terry Krueger, FL	202 121	52 20	Singapore	Gordon Blom, NY	171 141	35 27	Lebanon
Sholom Gluksman, IL	201 170	58 51	Maldives	Stephen Leite, MA	170 144	40 35	Azad Kashmir
Al Niblack, IN	200 130			John Meyer, WI	166 117	49 35	Kampuchea
Brett Saylor, PA	200 120	54 29	Tibet	Walter Kunz, PA	166 82	42 14	King of Hope
W. Maxfield Greenwood, ME	199 35	53 10	Tibet	Andre Pineault, Que	165 136	39 29	Bangladesh
Chris Lobbell, MA	198 193	53 51	Nepal	Hans Johnson, TX	164 105	38 27	Kampuchea
Larry Abraham, MI	198 178	51 44	San'a	Ewald Bartunek, Austria	162 135	42 37	Bhutan
John Fisher, Alb	198 161	52 37	Burma	Morley Kirkland, Ont	161 144		
William Krause, MN	198 143	53 33	Aden	Dan McCarthy, FL	160 136	38 31	Voice of Hope
Brian Cartwright, PA	197 41			Robert Beaudoin, CT	160 125		
Paul Buer, FL	196 178	53 49	Turkish Pol.	Kevin Meyer, VA	160 111	45 25	Lebanon
Mike Ryan, CA	196 164		DZ17 Philippines	James McClure, KY	159 92	28 11	Okinawa
Jim Uerlings, OR	193 48	61 14	Indonesia				

Name, state	Total C/H C/V	Asia C/H C/V	Best QSL	Name, state	Total C/H C/V	Asia C/H C/V	Best QSL
Tim Hall, CA	157	115 39 28	Kampuchea	Gilles Michaud, Que	111	56 21 8	Iran
Barter Hensley, TX	156	139 43 40	Nepal	Leon Kanopka, NY	110	87 22 12	VoIndonesia
Charles Connell, CA	156	129 41 30	Maldives	Pete Grenier, CA	107	74 16 12	Singapore
Nelson George, NC	156	116 38 31		Daniel Sapsom, WI	106	65 22 16	VIRI
Mark A. Dubs, VT	155	117 36 24		Dale Park, HI	105	29 27 5	FEN 3910
Dave Maxfield, MI	155	40		Greg Hart, FL	104	54 23 9	Kuwait
Paul Chorosz, ME	153	113 33 22	Dubai	Bill Leal, Ont	101	66	
Jim Green, AL	152	112 32 25	San'a	Tom Mooningham, NC	97	84 9 9	9 S Korea
Bob Streeter, NY	152	98 33 23	Turkish Pol.	Louis Sica, Jr., NJ	96	35 22 8	Turkish Pol
Larry Cunningham, OH	151	52 36 8	FEBE	B. Benkovich, B.C.	93	52 21 10	VoVietnam
Shawn McDaniel, IN	151	28 29 5	Tibet	Nan Tedford, MI	93	46	VOFC
Del Fye, FL	148	116 39 36	San'a	Sheryl Paszkiewicz, WI	90	56 18 10	R. Peking
Daniel Viens, NH	148	7 36		Robert Fraser, MA	87	64 18 10	R. Peking
Fred Kohlbrenner, PA	146	113		Homer Ingler, FL	87	63 16 12	AIR
Wm. R. Smith, DC	146	75 39 18	Yemen	Eric Jaderlund, WA	87	29 20 7	Veritas Asia
Brian Sarkisian, MI	144	92		Paul Janto, ME	84	50 14 8	Iraq
James Fordyce, NY	141	82 29 16	VoIndonesia	Bob Gundersen, MN	80	50 14 7	Kuwait
Dan Miller, WI	141	21 32 4	Taiwan	Gerald Clark, IN	78	61 11 8	AIR
Ken Loh, AZ	140	100 32 22		Ron Tekulve, Jr., OH	77	56 18 12	Baghdad
Ken Cobb, ME	139	85 32 22	Nepal	Tony Kobylski, MD	76	52 16 7	
James Clifford, PRG	138	110 35 26	Nepal	Jerry Schmidt, WI	73	48 17 10	Kuwait
Christos Rigas, IL	136	107 36 31	Mongolia	James Leonardale, FL	71	65 15 12	Sarawak
Austin Kelly, IL	135	103 32 23	Ulan Bator	Edward Overstreet, GA	71	62	
Mac Leonhardt, IN	133	70		Todd Smith, CT	71	52	
Steven Lare, MI	132	86 33 25		Peter Giacopelli, NY	71	51 19 11	Iraq
Gene Eastman, TX	132	77 24 15	VoVietnam	Eric Mayer, OH	70	41 16 6	Japan
Kenneth Briscoe, IN	132	68 29 20		William Dunham, LA	69	56 11 9	
Timothy Noonan, WI	125	98 33 26	Ulan Bator	Don Warner, OH	69	32	
Don Hosmer, MI	122	85		Thomas McCasland, KS	65	35 10 4	Dubai
Robert L. Woods, VA	118	43 27 7	India	Jack Nibecker, Jal., Mexico	64	39 16 10	Iraq
David Benner, IN	117	83 27 20	VoVietnam	Brett Whyssel, CT	61	32 15 7	
Nolan Stephany, NY	115	83 27 23	VoVietnam	Rita Vernetti, Kwajalein	59	51	
Mike Brooker, Ont.	114	86 19 14	VoVietnam	Rob Sobkoviak, IL	50	30 6 4	UAE
Bill Taylor, PA	111	86 26 14	Singapore	Robert Luke, OH	78	44 19 7	Philippines
Jim Tedford, MI	111	68	AIR				

A SPECIAL THANKS TO ALL THOSE WHO PARTICIPATED THIS MONTH. REMEMBER, YOU MUST UPDATE YOUR TOTALS AT LEAST ONCE A YEAR TO REMAIN IN SCOREBOARD. I SUGGEST THAT YOU UPDATE ALL YOUR TOTALS EACH TIME YOU SEND ME A UPDATE. THE NEXT SCOREBOARD WILL FEATURE THE SPOTLIGHT ON EUROPE. SEND YOUR UPDATES TO REACH ME BY 15 MAY. WE INVITE ALL NASWA MEMBERS TO SHARE THEIR TOTALS WITH US THROUGH THE PAGES OF SCOREBOARD. 73 TILL JUNE.

HELPING HAND: Bob Gundersen, 315 Cherry St., Northfield, MN 55057 is interested in any DX/SWL related programs that can be run on the VIC 20 or Commodore 64 home computers.

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

update

March 1983***Number 134

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

UPCOMING DEADLINES: 10 March (Mid-March) 20 March (April) 11 April (Mid-April)

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ARGENTINA R. Rivadavia, 5882 noted back on again w/ usual format on usual schedule. (Jim Conrad, IA)

AUSTRALIA VLI 6, 6090, in EG 0801; poor. National and world nx, "The Week in Film," etc. H speaking QRM on 6087 and USSR 6095. (Dale Park, HI 2-4)

BOLIVIA R. Ribersita, 4696.6, in SP 0312+; good. Brief ID and into musical pgm of non-stop vocal selections w/ long pauses between records. Greetings by DJ at 0324 w/ TC. (John Herkimer, NY) *** R. Abaroa, 4719, in SP 0325 w/ campo flavored program of rustic vocals and accordion pieces. Only one brief ID noted at 0340 before more folklorico selections. (Herkimer, NY) *** R. Illimani, 4945, in SP 1045-1100 // poorer 6025. Booming sig, way over leiva. Religious prgm in lang, SP ID at 1100 and into La Vos de Bolivia prgm. Starts to break up around 1100. (John Wilkins, CO 2-13)

CHINA R Beijing, 3220, in CH (?) 1540; poor. CH opera w/ female leads. CW QRM. (Parks, HI, -13) ***See also below for more China information.) tba

GUINEA R. Nacional, 5004, in SP 0549+; hi-life mx at t/in, ID 0549 anncng only 4926. Local nx and comunicados in verno to 0600. ID 0601: "Estan ude sintonizado a la estacion continental de R. Nac. desde Bata." Then off quickly w/ "A peticion de la central electrical de Bata." Apparently a routine electrical shut off. Best ever here on USB to avoid WWV. (Wilkins, CO 2-8)

INDONESIA RRI Ujung Pandang, 4719, in IN 1158-1220; beautiful mx and brief Indo lang anncmt w/ W prior to nx 1200. UTE in and out entire time and finally took over 1220. One of the few ndos that makes it this way. (Herkimer, NY)

OREA (DPR) RPyongyang, 11660, in EG 0615; possibly new frequency. M&W criticising Japanese M Nakasone and Tokyo Seoul relations. Over jammer. (Park, HI)

NEPAL RN as follows on 2-13: 3230 in EG 1448 fair. W w/ dictation speed world and national news, talks on current Buddhism projects, slight QRM from Beijing. 5005 also in from 1437 at est levels ever. W w/ Pacas of Nepal prgm. (Park, HI)

PARAGUAY R. Zinicca, 6120, in SP 1118+; unbelievable level. "Programa musica ranchera," mostly vocal selections. Recheck at 1220 found w/ US rock/soul and M DJ. (Herkimer, NY) *** Miscut, 6865.5a, in lang 115501213*; political talks, anthem 1212 and off; good level but req varies. (Wilkins, CO 2-11)

PERU LV de la Selva, 4825, in SP 1006-15 w/ tropical ballads and ID by DJ as, "Esta es LV de la Selva," played over canned ExL mx. Frequent TCs. (Herkimer, NY) *** R. Andahuaylas, 340, in SP 1043-1100 at nice level w/ "atencion" anncmts over simple queua melody. IDs as Andahuaylas" but audio slightly distorted. Mostly local news items, events roster w/ flute x between items. No sign of Valera and quite surprised at signal level. (Herkimer, NY) *** maybe Ondas del Titicaca, 9422, the one here 1035 w/ distinctive huaynos and what appears to be SP speaking (not Aymara) DJ. Very rural sounding format. Impossible to get ID but format suggests a Peruvian. (Herkimer, NY) *** R. Andina, 4996, in SP 1030-44 w/ my favorite early morning prgm of rustic huaynos and yippy vocal pieces. M DJ in after each song with local news items and saludos. (Herkimer, NY) *** R. Eco, 5113, in SP 0235 w/ non-descript Adult contemporary stuff. Numerous TCs by DJ and IDs with effects. (Herkimer, NY) *** R. Nacional del Peru, 6096, in SP 1120 w/ national nx items read by M, many mentions of Aruaca, TC and 1130 w/ electronic effects. (Herkimer, NY) *** R. La Cronica, 9519, in SP 1100-1123. Group of recorded anncmts at 1100-03 including recorded ID by M: "OAX4I, 1320 kilociclos... X4J, 9520 kilociclos banda... de 31 metros, Radio La Cronica... Lima, Peru." Then into prgm local mx w/ short recorded slogans by M between each song, including: "Para ti de Cronica en amor!", "Desde la cumbre de la sintonia Radio La Cronica!" Excellent signal on this clear channel but faded quickly 1123. (Henry Lazarus, LA 2-10)

PHILIPPINES AFRTS, 15385, in EG 2315; poor. Live coverage of Pro Bowl. (Park, HI 2-6)

ROMANIA R Bucharest, 17745, in EG 0545-59* // 15340. African service, frantic mx, M anncr w/ talk on developing nations. (Park, HI 2-3)

RUSSIA IS SIBC, 5020, in EG/PD 0923. PD nx headlines, "Warning" in PD about Russian satellite and EG pop mx to sports roundup 0945. Fair. (Wilkins, CO 2-7)

SOUTH AFRICA RSA IS noted on 6065 at 0200. Operator error or new freq? (Conrad, IA)

TAIWAN TWR, 9730, in EG 0430. Not *0445 as listed in printed sked. IS, W w/ prgm list for cast, hymn. Lost of slop from either side. (Park, HI)

USA KGEI, heard testing new antenna on several occasions: 6000 from 0930-35 2-6; 1000-1005 2-7, both w/ one minute IS/ID sequence, EG, GM, RS, EG, GM. Also noted w/ Same format 1100-05 2-13. 6100 very good. 6000 poor. (Wilkins, CO) ***When did you hear 6100? tba

USA cont'd WYFR, 9715, noted w/ usual EG and SP bleeding into it. Probably an automation problem, but could be confusing if listener isn't careful. (Conrad, IA)
VENEZUELA R. Universidad, 3395, in SP 1101-25; fading fast. Local mx, ads, Manner, ID, and slogan. (Wilkins, CO 2-11) ↔ R. Mac. 9540, in SP 1140-50: patriotic ballads, songs about Bolivar, Wanner, 3/off and NZ 1149. 9530 and 11695 not heard. (Wilkins, CO) ↔ Catatumbo Internacional, 9620, in SP 1145-1220; pgms of LA mx w/ long ad string to 1206. ID by M as: "...Venezuela, transmite Catatumbo Internacional, YVCI, 1360, la emisora de la gran familia venezolana. Another recorded ID 1210. Excellent sig but some interference. (Lazarus, LA 2-9)

This issue we complete Kraig Krist's 31mb EG scan.

1330-1400	1800-30	9765 SpanishFR	2300-30
9565 VOA	9685 RMoscow		9510 BBC
9610 VLW 9	9710 RMoscow	2100-30	9565 RMoscow
9625 CBC	9760 VOA	9585 RSA	9590 BBC
9700 AFRTS		9625 CBC	9610 RMoscow
9740 BBC	1830-1900	9685 RMoscow	9695 RSweden
9770 RAustralia	9625 CBC	9690 RBucharest	9700 RSofia
9780 RMoscow	9685 RMoscow	9710 RMoscow	9750 RVilnius
9895 RNederland	9710 RMoscow	9760 VOA	9765 RMoscow
	9760 VOA	9765 DW	9800 RMoscow
1400-30		9805 RCairo	
9565 VOA	1900-30	9835 RBudapest	2330-0000
9610 VLW 9	9625 CBC		
9625 CBC	9685 RMoscow	2130-2200	9510 BBC
9700 AFRTS	9710 RMoscow		9590 BBC
9710 RAustralia	9760 VOA	9535 SwissRInt	9610 RMoscow
9750 RKorea	9765 SpanishFR	9585 RSA	9640 VOA
		9620 RBI	9765 RMoscow
1430-1500	1930-2000	9665 RSofia	9800 RMoscow
9565 VOA	9625 CBC	9685 RMoscow	
9610 VLW 9	9685 RMoscow	9700 RSofia	
9625 CBC	9690 RBucharest	9710 RMoscow	
9700 AFRTS	9700 RSofia	9745 RBaghdad	
	9710 RMoscow	9760 VOA	
1500-30	9760 VOA	9765 DW	
9565 VOA	9765 SpanishFR	9805 RCairo	
9610 VLW 9			
9625 CBC	2000-2030	2200-2230	
9700 AFRTS	9580 RKiev	9510 BBC	
	9685 RMoscow	9535 SwissRInt	
1530-1600	9690 RBucharest	9560 VofTrukay	
9610 VLW 9	9700 AFRTS	9620 RBI	
9625 CBC	9710 RMoscow	RYugoslavia	
	9760 VOA	9625 CBC	
1600-1700	9765 SpanishFR	9745 RBaghdad	
9625 CBC	9815 Kol Israel	9805 RCairo	
1700-30	2030-2100	2230-2300	
9770 RAustralia	9645 Vatican R	9510 BBC	
	9685 RMoscow	9560 VofTurkey	
1730-1800	9710 RMoscow	9700 RSofia	
9700 AFRTS	9715 RNederland	9805 RCairo	
9760 VOA	9760 VOA	9815 Kol Israel	

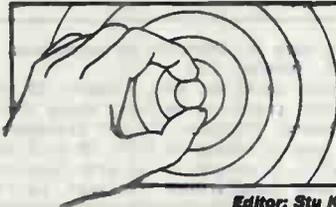
Tux to Kraig for another job well done. A reminder to users of these scans: First, sta information changes almost daily so our scans can be, at most, a guide. And second, a scan never, never, never supplies an ID. You get that from monitoring. The most you can get from a scan is some help as to what might be there. Get the ID yourself.

Further UPDATES on China---Stu Klein sent along a number of frequencies supplementing his earlier CHINAscan:

3400 FPBS 2	6590 R Beijing UNID language
5145 R Beijing Russian	6750 CPBS #1
5975 R Beijing Korean	6825 R Beijing Esperanto //9860
6290 Beijing	6955 R Beijing Japanese //7480
6560 R Beijing Russian	

Next time we feature a SCAN of regional activity in Nigeria compiled by Jerry Berg and some more UPDATING material on Chinese activity. Coming soon. A survey of Venezuelan SW b'casting by John Herkimer and some information on Australian regionals. Keep the regular reports coming in too.

Best 73, Tom



LOG REPORT

section A

2000 to 4899 kHz

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

We have some very nice material this month in a column which is special for a variety of reasons. More later...

- 2230 SAUDI ARABIA BRKSA; 2210 AR tlc, Qatari mx, in USB, //2350. (Wood-SAR 12/28)
- 2370T **FALKLAND ISLANDS** FIBS; 0040 Mx & EG tlc, poss ID on hr, too wk to copy. Sig f/out 0110. (Bolland) 0045 Pop mx & EG ann, to GSTQ and 0131*. (WDX 2/19)
- 2390 **MEXICO** R.Huayacocotla; 0038 OM w/SP tlc, no mx. f(Konan 2/4) 0045 M/ann w/tlc on human rights, ID 0109, mx. f/p(Dickson 1/27) 0046 M w/tlc on peases [?], Shaft theme, mx continues. g(Bolland 1/30)
- 2439T **BRASIL** R.São Carlos; 2311 M & W giving mx, bit of mx betw items. 2319 to poss ads, then another feature. p(Bolland 1/18) As no ID is mentioned, why this rather than Carajá?—sdk
- 2450T **BRASIL** R.Cult. Aracatuba; 0028 M w/PT tlc. Vy poor, but could make out it was a soccer game. No ID. (Bolland 1/16)
- 2480T **BRASIL** R.Cl. Rondonopolis; 0023 M singing in PT. Audible only once in a while due to fading. p(Bolland 1/16) The 83 WRTH lists this as moved to 4955; this is confirmed in the Feb DSWCI SW News by a reporter in Brasil—sdk
- 2490T **BRASIL** R.Educ. Rural Coari; 0120 PT lite mx, pop mx, tlc by several men w/ment of Brasil, ads, ID 0200. f(Valco 1/10) 0135T M/ann w/mx, tlc, ads, etc. p(Bolland)
- 2850T **KOREA, N** Pyongyang; 1020 F/ann w/lang tlc, mx, poss radio drama. p(Bolland 1/11)
- 3200 **SWAZILAND** TWR; 0330 Tlc in lang, bells at 0345* as per WRTH. (Alexander 2/5) Listed Pedi—sdk
- 3205 **BRASIL** R.Riberão Preto; 2333 M w/PT tlc, mx. p(Bolland 1/29) 2345 Sousa-like marches, Riberão Preto ID by M. vg(Reinstein 1/29) 0810 PT pops, M/ann w/ID, tlc, 2 ads, more mx. f/g(Klein 2/13)
- *3205 **INDIA** AIR Lucknow; 0100 In with presumed ND tlc. lcl mx, nx 0130. Poor with CW QRM. (Vance-FRG 1/16) †(Sparks 1/28)
- 3205T **JAVA** RRI Bandung; 1030 Long tlc in IN by YL, ment of Bandung, no ID per se.†
- 3220 **CHINA** Beijing; 1540 CH opera mx. p/QRM/QSB(Park 2/13)
- 3222 **TOGO** Lomé-Kara; 1740 Lcl mx, FR tlc, wiped out by numbers 1800. p(Vance-FRG)
- 3223T **BALI & LESSER SUNDAS** RRI Mataram; 1045 Noted for the first time in months w/guitar mx & M/ann, TD impos to read due to poor mod. Nx relay at 1100. (Sparks)
- 3224.7 **VENEZUELA** R.Mocente; 0010 Mx px, fairly good sig. (Field 1/24) 0114 Long tlc by M, LAM mx. p/QRM(Gilster 1/10) 0345 LAM vocals, ID, anmms, closing ann 0359, foll by MA and 0401*. (Alexander 2/1) †(Alexander 1/29)
- 3230 **LIBERIA** ELWA; 0620 AF tribal mx, EG ID 0625, foll by more mx. In vy. wkly.†
- *3230 **NEPAL** R.Nepal; 1448 YL w/EG world mx, natl wx, tlc on Buddhism today. QRM off Beijing 3220, QRM. (Park 2/13)
- 3230 **UNID** 1520 Dinner mx, pause, short martial mx, 1520*. p(Moman 1/7) Don, this matches the reported format of the above—sdk
- 3230 **SOUTH AFRICA** R.RSA; 0331 Pop mx, EG TC, ID by M. g(Gilster 1/14)
- 3235 **BRASIL** R.Cl. Marilia; 2331 Tlc by M, ID w/fqys, PT pops. QRM off KPR on 3240. (Valco 1/17) 2350 Usual fare of pop mx, R.Clube jingle ID. (Reinstein 1/29) 0005 Mx sel, M/ann w/tlc betw sels, ID 0010. p(Bolland 1/30)
- 3239.7 **ECUADOR** R.Cult. Antena Libre; 0114 M & W w/tlc, interview, full ID 0130, mx. g(Bolland 1/16) 1136 Was looking for America, found this w/Andean mx, OM/ann. wk/UTE QRM(Wilkins 1/15)
- 3840 **PERU** R.America; 1102 Intl nx rpt, ID, more nx. (Glikeman 1/29)
- 3245.5 **ECUADOR** HCJB; 0910 Noted //3220 w/HC mx & tlc, unstable sig becoming stable w/time. Hrd this day only. (Alexander 1/29) 0913 Same. g(Bolland 1/30) This is quite likely a mxtr spur—sdk
- 3851 **HONDURAS** R.Luz y Vida; 0002 Px of EZL mx, sevl ID at bottom of hr along w/fqys. Clear but wk. (Valco 1/18) 0225 Mx, ID 0231. QRM(Dickson 1/14) 0348 M w/long tlc mx, s/off ann, NA. p/QRM(Gilster 1/14)
- 3250 **SOUTH AFRICA** R.5; 0325 EG pop mx, ads in lang, DJ in EG. (Alexander 2/5)
- 3255 **LIBERIA** ELBC; 0650 M/anns in lang to 0700 drums and EG nx about Liberia. Strong and clear(Sparks 1/17) 0710 Lcl nx in EG, ID 0716 as ELBC, more tlc. (Alexander)
- 3256 **VENEZUELA** LV de El Tigre; 0132 LAM vocals w/freq TCs, IDs as "R. 980". f/QRM(Gilster 1/10) 0337 Nx by M/ann, s/off ann, 2 anthems at 0355*. (Glikeman)
- 3860 **NEW GUINEA** R.Madang; 1204 Drums, flutes & chorus, vy primitive but fascinating style of mx. Brief PD tlc by M betw sels. g(Reinstein 2/7)

- 3270T **SOUTHWEST AFRICA** SWABC; 0358 Guitar IS, rel mx, 0415 lite pops, some EG songs, some ads, vernac tlk, tent ID 0404. (Howard 2/3)
- 3275 **VENEZUELA** R.Mara; 0215 Nondescript LAM pops, long ID by M. p/het(Gilster 1/9)
- *3276.6 **JAVA** RRI Jakarta; 1455 Seamed lika drama px, no break on hr, much stronger on 6553.3 (the second harmonic). (Young 1/9)
- 3280+ **ECUADOR** LV del Napo; 0135 Romantic vocals, TC 0155, ID by OM twice and 0202* with no NA. (Mallberg 1/14) 1118 HC mx, OM/ana w/comunicados, abruptly off at 1126. (Wilkins 1/16)
- 3285 **BELIZE** RB; 0100-0350, 1100-1230 Usual px of mx & tlk. (ll rep)
- 3295T **INDIA** AIR Delhi; 1522 YL singing in lang w/hi-pitched voice. p(Noman 1/7)
- 3300 **BURUNDI** Bujumbura; 1755 FR ID as Rdf. Mat. 1800, into mx by OM. Fade under the UTE at 1815. p(Vance-FRG 1/9)
- 3300 **GUATEMALA** R.Cultural; 0406 ID & call by M, EZ inst mx. g(Valko 1/10) 0447 M/ann w/ID, into MoR mx. p/UTE QRM(Gilster 1/12)
- 3315T **BRASIL** Unid; 2352 Seamed PT tlk by M amid QRM and bad het off Pastaza. (Reinstein 1/29) I recall Assunção sporadically here before Pastaza returned--sdk
- *3316 **ECUADOR** R.Pastaza; 0026 Mx, ad for Coca Cola, TC "en la studios de R. Pastaza." p(Bolland 1/30) 0215 M w/tlk, short pieces of HC flute mx, 0228 ID. f(Pettifor) 0335 HC mx, tlk, ID, ment Ecuador. Intermittantly off air for 25-30 secs at a clip. Still on 0450 recheck. (Alexander 2/6) 0356 LAM vocal mx, tlk by M, ID, HC NA, and 0403*. UTE QRM(Valko 1/6)
- 3380 **SOUTH AFRICA** SABC; 2131 AK pop & rock mx show, tlk by M DJ, sevl ID. Fair w/co-channel UTE QRM. //4880. (Valko 1/10)
- 3320 **UNID** 1207 Monotonous tlk in lang by M, brief orch mx, very weak sig on gud Asian morn. Pyongyong listed here. (Reinstein 2/7) If it was monotonous, it was them for sure!!--sdk
- 3322.5 **BOUGAINVILLE** R.No. Solomons; 1205 Lcl chants, pounding drums, choral vocals, general mayhem! f/QRM off Maya. (Reinstein 2/7)
- 3323.9 **UNID** 1025 M/ann in SP w/GMT-5 TC, mx. Poor with bad fadas and TTY on freq. Poss Quevedas due to TC. p(Bolland 1/17) Agree--sdk ↑ reported here--sdk
- 3325 **BRASIL** Unid; 0410 PT tlk, soon blocked by UTE. (Berg 2/12) Liberal has been ↑
- *3330 **RWANDA** Kigali; 1903 SH to 1930, then FR. SH mx 1903, chanting, into FR w/Kci Kigali ID 1930, mx, mx. ID 2004. f/p(Vance-FRG 1/1)
- *3331 **COMORO ISLANDS** Moroni; 1713 FR Intl Svce-mx, tlk, much QRM off Rwanda and Utes. ID 1730: "...Radio Comoro...internationale...Moroni..." Blocked by Ute 1753-1802 after which only Rwanda present. p(Vance-FRG 1/8) 1514T F in lang, maybe mx. Singing, pop mx, chanting 1535. F/out 1544. This day only. (Young 1/8)
- 3331 **UNID** 0302 OM w/lang tlk, Koran chanting, bad het off CRU. (WDX 2/19)
- 3339T **ZANZIBAR** RTZ; *0259 IS, 0301 OM w/lang tlk into Koran, 0319 mx, many ment Tanzania. 0325 ID, 99% sure it was this. Had wk carrier 3341. (WDX 2/19)
- *3339.3 **MOZAMBIQUE** Maputo; *0259 Xylophone IS to 0300 M in PT, Af hi-life mx. Poor sig in het. (Reinstein/Wilkner 1/18) Communal DXing?--sdk
- 3340.2 **UNID** 0300 M in lang, varied mx px-sometimes AR style, others Af pop mx. Tough catch w/het. Maybe Zanzibar?(Reinstein/Wilkner 1/18) Methinks these couple of kHs are some of the most frustrating in the hobby--sdk
- 3345T **MOLUCCAS** RRI Ternate; 1320 IN relay of natl px. (Gliksman 1/11)
- 3350 **GHANA** Ejura; 2146 Long vernac tlk by M to 2159, then mx, ID by YL, more mx. //4915. f/UTE QRM(Valko 1/7) 2235 Lang tlk & mx. w/Gliksman 1/8) 0635 Tlk in lang, rel mx, ID 0700, EG mx. (Alexander 1/21)
- 3360 **GUATEMALA** LV de Nahual; 0040 M giving speech, ment sta. g(Bolland 1/30) 1152 Wice marimba mx, tlk by OM 1200. (Lobdell 1/28)
- 3365 **BRASIL** R.Cult. Araraquara; 2355 Usual pop/rock mx, string of Cult IDs/promos on the hour. g(Reinstein 1/29) 0805 Nice samba mx, M/ann w/TC, tlk, ment Araraquara, nother mx sel. g(Klein 2/13) ↑ f(Noman 1/7)
- 3367.3T **IRAQ** Hurriyah; 1533 Faint tlk in lang, Farsi or similar. Still there at 1603!↑
- 3370 **GUATEMALA** R.Tezulutlan; 1155 Marimba mx, ID. Vy powerful sig but vy poor mod. (Sparks 1/29) 1200 Interesting mx px w/indigenous fiddle mx, marimbas, OM/ann w/dedications. 1212 ID, gave only 4835. f/g(Wilkins 1/15)
- 3375 **BRASIL** R.Nal. SSo Gabriel; 0935 Sevl ID, rancho mx, ment of Radiobras. (Alexander 1/15) 0953 Mx sel, tlk by M, ID w/eqs on hr. f(Bolland 1/28)
- 3381 **ECUADOR** R.Iris; 0154 Lcl mx, ment of Esmeraldas, full ID 0200. Ute on 0205. f(Vance-FRG 1/16) 0333 TC betw mx sels, 0357 ID, NA, 0401*. (Gilster 1/15) 1120 Lam vocals, occ TC by OM. (Wilkins 1/19)
- 3385 **FRENCH GUIANA** FC3 Cayenne; 0225 Endless mx-calyseo, African, chanting-to 0303* (Gilster 1/9) 09300 OM & YL w/FR tlk, mx, IDs, this better than //5055. f(Konen 1/17) 0947 Tlk by M, then mx, then ann gave list of names. g(Bolland 1/28)
- 3385T **TIMOR** RRI Kupang; 1320 IN relay of natl px. (Gliksman 1/11)
- 3394.5 **ECUADOR** R.Zaracay; 0406 M/ann w/tlk, ID. (Gliksman 1/12) 0438 LAM vocals w/nice guitar mx, MoR sel, M w/ID. f/g(Gilster 1/12) 1108 IDs, tlk, ment Santo Domingo. f(Noman) 1129 Musica Ecuatoriana px, OM, to 1142 f/out. f(Wilkins 1/16)
- 3398T **SUMATRA** RRI Tanjungkarang; 2220 Just abt only thing on band, tlk to 2231 ann by M, gamelan mx, then tlk by M, gone by 2245. (Berg 2/6) Vy nice, OM!--sdk

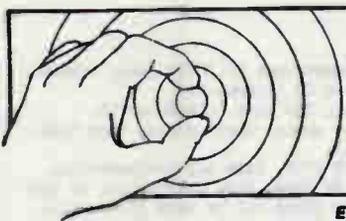
- *3781 IRAN VOIRI; 1452 Although reported last month, this is moving around for whatever reason. //15084. (Young 1/12)
- *3798.8 PERU R.Emeraldas; 1035 Mx & ment of Dptos. en Peru. f(Wilkner 1/25)
- 3910 JAPAN FEN; 1301 EG OM w/AP net nx to YL w/ID, tlc, etc. g(Hensley 2/5)
- 3925 JAPAN NSB; 0901 EG lang lesson w/subject of Wm. Shakespeare. f(Park 2/14)
- 3945 VANUATU RV; 0900 FR tlc by YL & OM, US pops w/YL DJ. p(Konen 1/23) 0906 Lcl mx, FR tlc to 0931. f/g(Moman)
- 3965T AFGHANI SSR RA; 1245 M/ann in lang, sounded like polit speech, //4740. New WRTH lists this as prob USSR site. (Gliksman 1/19)
- 3970T CHINA Nei Menggu PBS; 1401 F/ann w/CH tlc & mx, //7105. p/QRM(Lucas 2/3)
- 3995 AERSEFR Unid; 1529 Class piano mx, Mayak IS 1530, OM w/ID, into tlc px. f/QRM (Park 2/13) This is prob from Khabarovsk--sdk
- 4040 ARMENIA Yerevan; 1322 RS style opera arias. (Note, I just received a QSL from Radio Yerevan confirming a previous logging of this frequency at this time). (Gliksman 1/14) Objections - Imprimis: As a site veris, a Soviet QSL is generally not worth the paper it's written on; Secundus: Just looking at propagation, the Vladivostock transmitter is far more likely at this time/QTH--sdk
- 4040 AERSEFR Vladivostok; 1155 6 Pips on hr, Mayak IS, class mx. f(Wilkner)
- 4220 CHINA Xinjiang PBS; 0107 Minority lang px //5060, Mong tlc by F. (Young 1/11)
- 4450 AFGHANI SSR RA; 0210 //4740 w/inst mx & M DJ of sorts; he likes to whisper over the mx. (Wilkner 1/29) Again, prob a Soviet site--sdk
- 4565 UNID 0209 SP tlc, mx, jingles, distorted--prob spur or such. (Young 1/15)
- 4656 ECUADOR CRE; 0130 Lam mx, SP IDs. xlt(Dickson 1/14)
- 4679.8 ECUADOR R.Nac. Espejo; 1135 Uninter HC mx to 1144 full ID, fqys. g(Wilkins)
- 4697 BOLIVIA R.Riberalta; 0225 In w/cmts & mx. p(Bolland 1/30) 0306 Folklorico mx & romantic songs, TC/ID 0310, to 0404* w/ID & Swan Lake. (Sparks 2/5) 0345 Mx, ID @ 0410. (Dickson 2/5)
- 4719 BOLIVIA R.Abaros; 0154 Constant mx w/occ ann & slogans by M - "Voz Espensimento [Pensamiento?] de Riberalta(Pse excuse spelling!)[OK!] f/p(Stephany 1/14) 0330 Ranchera mx, few ann, ID 0342 w/TC, calls. g(Berg 2/5) 0310T M w/description of soccer game. p(Bolland 1/30)
- 4719 CELEBES RRI Ujung Pandang; 0935 Slo IN pop mx, F/ann w/ID 0945. xlt(Murff 1/27) 1115 M w/lcl nx to 1121, tlc after 1/2 hr. p(Bolland 1/16)
- 4720H CUBA R.Rebelle; 0100 8 x 590, Abaros hunters beware!! f(Reinstein 2/9)
- *4725.4 BURMA BBS; 1147 M & W singing duet, nice to listen to. Stong for this(Wilkner 2/7) 1240 Asiatic mx w/brief ann by W in lang, tlc px to 1259, cymbals. 15 Min of tlc by W to f/out. (Lazarus 1/30) 1305 YL tlc in lang. (Konen 2/4) 1325 Long sel of SEAs mx, chimes, IS, W w/nx. (Purdum 1/17)
- 4750T CHINA Heilongjiang PBS; 1156 Few cmts by M then typ CH mx. Time pips & ID on hr but sig too wk to copy ID. 1202 Mx by W. p(Bolland 1/9)
- *4750 TIBET Xizang PBS; 0058 TP on hr, CH singing, snmts, tlc to 0123 fade-out. //5935 which was much better. (Young 1/11)
- *4753 CELEBES RRI Ujung Pandang; 2130 Gaining strength, RRI ID, into nx 220 when fade started. (Berg 1/30) 1010 Call to prayer & Islamic mx, 4719 not on these 2 nites. On foll nite, 4719 back and this absent. (Sparks 2/4-5) 1245 IN songs w/ann by YL to 1300 time pips, Jak nx relay. (Buer 2/3) 1520 Hindustani type mx to 1600*. p(Howard 2/5) As Unid 2205(Pettifor) 2210 Sama(Biller 1/30)
- 4755 BRASIL Rdfa.Maranhão; 0905 Ballad to M/ann w/TC, fqy, ID, tlc w/echo effect. vg(Klein 2/19) 0432T PT pop/rock mx, tlc by M, ad. Gone into mud by 0450(Valko)
- *4755 PERU R.Huanta; 1006 M w/SP tlc, many ment Peru, ID 1111, beginning to fade. p(Bolland 1/19) *1010 NA, open ann, ID, huaynos, tlc, folk mx. Tnx Ralphus. f(Sparks 1/22) 1038 NA, ID, OA mx. Tnx Ralphus & Wilkner(Reinstein 1/13) 1050 OM/ann w/TC/ID betw each sel of OA mx. f/g(Klein 2/8) 1055 OA mx w/ann by M, numerous ID/TC. Tnx Ralphus(Lazarus 1/19) Who's this guy Ralphus, hi!--sdk
- 4760 VENEZUELA R.Frontera; 1040 M w/quick ID, ada, mx. p(Bolland 1/8)
- *4762 CHINA Yunnan PBS; 1050 Noted moved up from 4760, M & W w/CH tlc. 1100 Time pips, then ID by YL as "Yunnan renmin guangbo diantai." (Sparks 1/16) 1447 CH tlc, drama, hat off 4764 Indo. Drifts high as 4763. (Young 1/12)
- 4765 BRASIL R.Nal. Cruzeiro do Sul; 0200 PT pops, had presumed Rural co-channel for a mess. ID 0200. (Mellberg 1/9) *1000 Opening ann w/ID, ballads, mixing w/Rural. (Alexander 1/15) 1030 M & W w/tlc, mx, IDs. g(Bolland 1/8)
- 4765 LIBERIA ELWA; 2157 M in EG w/rel drama. 2200 Full ID, TC, nx. p(Bolland 1/22) 2225 Rel mx, tlc, IDs at 2302*. (Dickson 1/22) 2259 Rel px, NA, 2304*. p(Moman)
- 4770 NIGERIA Kaduna; 2107 EG nx by M, tlc on industry, ID by W. f(D'Angelo 1/16) 2200 ID/TC & into nx. f(Smith 2/5) 2305 YL w/nx, C&W mx, TC on hr, more mx. f(Moman 1/6) 0417 EG tlc & pop mx, ID. (Petersky 1/11) 0525 OM w/lcl & regional nx. p(Uerlings 1/11)
- 4770 VENEZUELA R.Bolivar; 0315 Freq IDs, Lam mx. (Sharpe 1/15) 1050 Ads, singing ID for sta, more ads. g(Bolland 1/21)
- *4775 BOLIVIA R.Los Andes; 1103 M DJ w/Lam mx px. 1110 F/ann w/ads, freq ment Tarija. M DJ w/ID as Los Andes, more mx. (Murff 1/27)

- 4775 PERU R.Taras; 1100 PX of nice OA mx sels - folk, etc, many lutes - to M/ann w/ID, many TC. f(Klein 2/8) 1108 Full ID & fqys, LAm pops, ID 120. (WDX 2/19) 1108 OA mx w/tlk by M, ads, freq TCs, sevl IDs. Txn Jensen/Ralphus. (Lazarus 1/29) 1113 OA huaynos, ID w/fqy, more mx. Txn Ralphus. (Reinstein 2/9) 1120 Electrical sound effects, computer chip sounds, ID, mx. Txn Reinstein. f(Wilkner 2/11)
- 4775.5T BRASIL R.Cult. Sergipe; 0740 InPT w/mix of PT & US pops & EZL mx. Presumed the one here w/ments of Cultura. (Alexander 2/6) Logical—sdk
- 4776 BRASIL R.A Vox do Oeste; 0820 Reactivated here after unpty-ump years w/nice Brz pop mx, OM/ann w/echo calls, fqys, ID, more mx. vg(Klein 2/13)
- 4777 GABON Libreville; *0430 IS, NA, s/on ann, hi-life mx, fading by 0520. f/p(Wilkins 1/5) 0530 OM w/ann & Af voc mx. p(Uerlings 1/11)
- 4780 VENEZUELA LV de Carabobo; 0350 Vocals, ID, ads, final ID, NA, & 0358*. (Sparks)
- 4780 EURSSR Petrosavodsk; 0535 YL w/RS mx, //5065. 4780 was better of two(Sparks)
- 4783 MALI Bamako; 0559 NA, s/on ann as "Ici Bamako", Af mx. f(Konen)
- 4785 AZERBAIJAN Baku; 0405 Fair level w/lcl px in Azerbaijani, "Danishyr Baku" ID 0415 & into lcl mx. (Reinstein 1/16)
- 4785 BRASIL R.Ribamar; 0012 Sports, gone by 0100. (Field 2/4) 0759 PT mx, OM w/ID, promo, mx. p(Mikell 1/6)
- 4785 COLOMBIA Ecce del Combaima; 0200-0530 Usual HJ pop mx px, much chatter(8 rep)
- 4789 WEST IRIAN RRI Fak-Fak; 1130 Booming in w/variety of IN pops & trad vocals. Best sig of season so far, but 90/80 M Indos still very poor. (Sparks 1/16) 1141T Faint mx, could not copy well enough for ID. p(Bolland 1/16)
- 4790 PERU R.Atlantida; 0458 M w/full ID, brief tlk over guitar mx, ad, much tlk. f(Gilster 1/12) 1045 ID, SP versions of US pops. f(Wilkins 1/17)
- 4795 ECUADOR LV de los Caras; 0213 Romantic vocals, farmacia ads, quick EG ID by OM 0230, TC, mx, closing ID 0259, 0300* during mx. (Berg 1/29) 0300 ID, fqy, NA, off. g(Wilkner 2/8)
- 4800 INDIA AIR Hyderabad; 1246 Cont tlk by M in lang to 1300 tlk by W, quick fade. Fairly good sig, but UTE trouble. (Lazarus 1/28) 1350 Subcont mx, OM & YL w/HD tlk, sitar mx, ID. p(Robertson 1/14) 1430 Subcont mx & lang tlk, 1530 EG ID & mx. nx //5050 Aizawal but not 4820 Calcutta. p(Howard) 1527 Dinner mx, YL w/lang ann, AIR ID & EG nx 1530. f(QRM(Homan 1/7) 1335 Lang nx read by F/ann. Note: I have QSLed this station and do not need an ID here. (Gliksman 1/2) And what if another sta has moved here in the meantime? QSLs are nice souvenirs and may actually prove reception, but cannot substitute for careful monitoring. The belief that a QSL is the catch-all end-all, obviating the need for careful listening, will find you getting burned - often! End of editorial—sdk
- 4800 VENEZUELA R.Lars; 0245 LAm mx, freq IDs w/fqy. g(Syron 1/29) 0300 ID, LAm mx; ads. (Samuel 1/21) 0302 Om tlk, ID, ballad. g(Hansley 2/3) 0310 ID, LAm mx. g(Gilster 1/15) 0343 ID, LAm pops. p(Gorichanas 1/9)
- 4805 BRASIL Rdfa do Amazonas; 0935 M w/rel type message to 0945 sta ID, into Brz pop mx. f/g(D'Angelo 1/22) 0955 Lcl mx & tlk, ID 1000. (Alexander 2/5) 1002 M & W w/poss nx, 1015 full canned ID. p/QTE QRM(Bolland 1/30)
- 4810 PERU R.San Martin; 1111 OA mx, OM/ann, ads string, fading out. p(Wilkins 1/13)
- 4811 GABON Af.#1; 2134 Fr nx w/mx breaks, then drum mx & tlk. vg(Vance-FRG 1/3) 2230 Mx, tlk by M. (Weinhold 1/25) 0520 Pops, YL/ann, ID. g(Petersky 1/11) 0534 OM w/nx. g(Uerlings 1/11)
- 4815 BRASIL R.Nal. Tabatinga; 0325 Lcl mx, PT ID 0330, ment of fqys & RadioBras. Tlk after 0330. (Alexander 1/15) *0958 Opening theme,full ID, natl new w/ M & F/ann. f(Bolland 1/22) 1100 ID, px of tlk & ballads. (Gliksman 1/22)
- 4815 BRASIL Rdfa.Londrina; 0815 2 M/ann reading lcl mx, many ment of Londrina & Parana. f/g(Klein 2/13) 0855T M w/tlk to 0900 ID(missed), mx, ment Rdfa.(Bolland)
- 4815 PERU R.Amazonas; 0430 M/ann w/ID, tlk, px of nice romantic ballads. At 0457 recheck, NA and off. g(Klein 2/19) 0836 OA NA, full R.Amazonas ID, but could swear he also went Samarón! [I'm not surprised -- I don't think they know what they want to call the station! Nice criollo mx & TC. (Reinstein 2/8)]
- 4815T UPPER VOLTA Ouagadougou; 0700 A march foll by an ann in FR that may have also incl the ID, into tlk from 0702. (Gliksman 1/15)
- 4820 ECUADOR R.Pazy Bien; 1024 Rel tlk by M incl schedules for tlks by other rel personalities during Feb. f(Bolland 1/30)
- 4820 HONDURAS LV Evangelica; 0345 Eg rel px. f(Samuel 1/31) 0351 ID, tlk by OM, organ mx. p(Gorichanas 1/9)
- 4825 PERU LV de la Selva; 1000-1040 Nice OA folklorico mx, huaynos, typical OA mx sels, many ID/TC ann, ads, etc. (8 rep)
- 4825 TURKMENIA Ashkhabad; 2150 Presumed site with "R. Moscou presenta Escuchas Chile" in SP -- tlk, etc. Under this was normal Mayak px, //4895. At 2200, went into single sig of Mayak IS & pulled plug. May loco! f/g(Klein 2/5) sgs #7
- 4830 VENEZUELA R.Tachira; 2315 LAm mx, IDs, etc. (Clifford 1/19) 0150 LAm mx, IDs. g(Gilster 1/10) 0410 Tlk, TC/ID, LAm mx. (Samuel 1/23) 1011 Full ID; mx. g(Bolland)
- 4832 COSTA RICA R.Raloj; 0200-0600 With the usual LAm pops, tlk, Ave Maria at the top of the hr. (Dill, Gilster, Gorichanas, Hansley, Thunberg)

- 4835 GUATEMALA R.Tezulutlan; 0020 OM/ann w/tlk, EZL mx sels, ID 0030. f(Jordan 1/13) 0049 Mariabas; sevl ID. g(Vance-FRG 1/15) 0427 Organ mx, IDs. f(Moman)
- *4840 PERU R.Andahuaylas; *1020 SP s/on ann after NA, folk mx sels. (WDX 2/19) 135 OA mx px, M/DJ, TC, ID 1100, mx. g(Murff 1/27) 1043 OA flutes & violins, sevl IDs. Blocked by Valera 1105. g(Reinstein 2/9) 1130 M w/ID, voc. mx, tnx Reinstein. f(Wilkner 2/11) 1036T Andes folk mx, TC, faded out before ID. p(Cunningham 1/31)
- 4845 COLOMBIA R.Bucaramanga; 0220 Mx px, many ID, tlc, etc. p(Jordan 2/2) 0259 Nice mx px, surprised by full EG ID by M, then same in SP. f(QRM/Gilster 1/13) 0345 Pop vocals & M/ann w/ID. (Sparks 1/15)
- 4845 MAURITANIA Nouakchott; 2240 AR chanting. (Purdum 2/5) 2325 HE vocals & inst mx, tlc in AR to 0001*. f(Jordan 1/28) 2330 String mx to 2350 Koran to march & 0001*. (Clifford 1/24)
- 4845 MOLUCCAS RRI Ambon; 1202 M & W w/poss mx, cont past 1215 to seg of cnty by M. f(Bolland 1/16) See also 4864 for latest development--sdx
- 4848.1 BOTSWANA Gaborone; *0348 Baranyard IS, NA, F/ann w/lang s/on, EZL mx. (Bragg 1/20) Same (Petersky 1/24) Same (Valko 1/18) 0409 F/ann-in lang, mx. f(Uerlings)
- 4850T UZBEKISTAN Tashkent; 1326 Lang tlc by M, sevl ment Moscow. (Gliksman 1/1)
- 4851 ECUADOR R.Luz y Vide; 0305 Lam mx, ID, tlc. (Samuel 1/21) 1140 ID, campo mx. g(Sparks 1/15) ↑ hrd daily. (Young)
- 4852.5 YEMEN A.R. San'a; 1433 AR ann, //9780, inst mx, chanting, speech after 1511!
- *4854 PERU R.Pampas; *1100 S/on w/OA NA, shouting & ann by M, into px of OA mx. Vy difficult copy & quick fade. Tnx Ralphus(Lazarus 1/25) *1101 Flute folklorico mx, sevl ID, wild yipping huaynos & folk mx. p(RTTY QRM off 4856. (Sparks 1/29)
- *4855 MAURITIUS Forest Side; 1500 Noted w/out TPs 1500 but with 6 pips 1600, last pip longer. ID 1500 seemed to be "La Maurice..." Daily in Jan/Young 1313T Islamic chants to 1330, Ind style mx. Unable to copy ann. Prob not Indo. (Gliksman 1/12)
- *4860 INDIA AIR Delhi; *0122 carrier on to 0128 AIR IS, 0130 six pips, assume nx. (Howard 2/6) 1237T Ind mx(sitar), wk but clear(Biller 1/16)
- 4860 RUSSIA Kalinin; 0125 NAM svce of R.Moscow. p(Jordan 1/29) Same(Gilster)
- *4864 MOLUCCAS RRI Ambon; 1130 Heard on 1/30 for the first time w/very powerful sig, poss new hi-power xmtr. Relay Jak mx 1200 & 1300, lcl ID 1245 & 1258. 4845 now vacant, appears to be definite move. (Sparks) 1320 As Unid, mx, F/ann in lang, G&W mx. g(Gliksman)
- 4865 COLOMBIA LV del Cinaruco; 2329 Caught ID sevl times by M along w/calls. Brief mx then another ID, went Caracol net. (Valko 1/25)
- 4866.4T MOZAMBIQUE Maputo; 0330 Misc PT pop & inst mx, OM/ann, //3210. p(Wilkins)
- 4870 BENIN Cotonou; 2210 FR & Af mx, FR tlc, ID & NA 2300. p/f(Paskiewicz 1/29)
- 4870 ECUADOR R.Rio Amazonas; 1021 Lang ID, TC, cnts. g(Bolland 1/7)
- 4870T SRI LANKA SLBC; 1230 Maybe the one here w/subcont style mx. Weak sig & hrd only on great Asian morn. Def net Rio Amazonas this late in AM. (Reinstein)
- 4875 COLOMBIA LV de Norte; 0412 Mx, sevl ID, QRM off Super. p(Vance-FRG 1/4)
- 4875 WEST IRIAN RRI Sorong; 1145 Overpowering all other stas on freq w/nice slow IN songs. (Sparks 1/16) 1222 Tik, hymn, mx. g(Bolland 1/16)
- 4885 BRASIL R.Cl. do Para; 0310 Soccer standings, attendance figures and gate for lcl matches, etc. f(Smith 2/8)
- *4885 COLOMBIA Ondas del Meta; My thanks to all of those who sent in material on this station, which has been IDing as both Meta and LV del Llano. It appears that both are on the Super net and that Meta is relaying programming from Llano. This is on most all the nite (0100-1100) most days. (Berg, Cunningham, Dickson, Gliksman, Jordan, Mellberg, Murff, Smith, Sparks, Valko) Whew!!--sdx
- *4885 PERU R.Huancavelica; 1040 2. Lam pop sels, OM w/def. ID, more mx. Nx from 1050-1057, foll by full ID & fsys. g(Jordan 1/23)
- *4889.7 MONGOLIA Ulan Bator; 1444 Orch mx, annts, TPs on hr, wk mod. //4829, 4089, 4995. Later found //4877.4 and 4902.0 - suspect these spurs off 4889. (Young 1/10)
- 4890 ECUADOR R.Centinas del Sur; 0404 Caught s/off ann-incl ID & NA. (Gliksman)
- 4890 PAPUA NBC; 0830 Choir w/ral songs & OM sprk w/ral svce. f/g(Klein 2/13)
- 4895 BRASIL R.Baré; 0920 Mx, ads, TC, ID w/calls & fsys, greetings. p(Hikell 1/16)
- 4895 TURKEMENIA Ashkhabad; 2045 Px of piano mx w/F/ann in RS; //4930. (Biller 1/10) 2155 MoR inst mx sels to 2158 tomas, Mayak IS 2200 & RS tlc. f(Klein 2/5)
- 4895 USSR Unid; 0429 RS orch mx. TBS suggests Tyumen.(Moman) Sugg above--sdx
- 4899T JAVA RRI Surakarta; 1320 Relay of natl px to 1329, lcl mx. (Gliksman 1/28)

Klein's oddball abbreviations: WDX = Mike Bolitho and friends on DKpedition; FRG = West Germany; SAR = Saudi Arabia; Items in brackets [like so] are comments by me.

Looking back, I find it hard to believe that this completes my first year as editor of LR-A. Things go quickly when you're having fun! I'd like to thank those who have supported this column over the past year and hope that you will continue that support in the coming months. I could say more but will shut up here. Back again next month. Till then, 3's & 7's.



LOG REPORT

section B

4900 to 6199 kHz

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

March already. +++ Highlights this month: Radio Arequipa hrd on 5949, and La Vos de la Selva, Colombia, reappearing on 6170

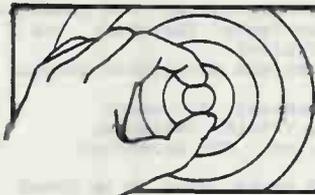
- 4900 VENEZUELA R. Juventud, Barquisimeto, fair on 1-25 with US pops at 2350 (Konen-WI); ditto at 0130-0200 on 1-5 (Gorichanas).
- 4905 BRAZIL R. Relogio Federal, Rio, man giving a sermon at 2250 on 2-2, then different man at 2254. ID 2300, then started giving time (Field-MI).
- 4905 CHINA Peking, male and female speakers in CR, 2245 on 1-18 (Glikman-IL).
- 4907 VENEZUELA R. Carora being well hrd these days. US pops at 0230 on 1-29, DJ with smooth talks, ID 0235, piano mx, fair-good in QRN (Jordan); "Hey Jude" at 0347 1-13, SP ballads, poor-fair (Berlings); local mx, brief annts between cuts, two different anncrs, ID 1100, promos, ads; fair 1030-1107 1-23 (Jordan); at 1032 1-22, good sig with LA pops, many mentions of "Aqui Venezuela", ID 1038 (Alexander-PA); 1036-1045 on 1-24, nice YV mx, "Aqui Ven" prgm, ad string and conservation PSA at 1043 (Wilkins-CO).
- 4910 ZAMBIA Lusaka, EG nx at 0408 tune-in, 2-5; ID, lang.nx 0410, native nx(Alexander-PA).
- 4915 BRAZIL R. Anhanguera, PT vocals, OM ancr, 0808-0850 1-16, ads, full ID 0902 mentioning 62 meters (Wilkins-CO); 0820-0900 1-29, campo mx, full IDs, fcy, TCs on half and quarter hr (Jordan); ending rel.prgm 0927 1-13, ID w/fcys, call, slogan, bird chirping; mx; fair sig (Mikell-IL).
- 4915 BRAZIL R. Nacional Macapa, EZ ltnng ballads 0210 on 2-1, quick IDs and TCs between selections, fuller ID 0230 (Jordan); tremendous sig at 0930 1-30, ID, mx (Sparks-CA).
- 4915 COLOMBIA Armonias de Caqueta, Florencia, tuned 0035-0205 on 2-4, sports, mx, nx with Field Reports, ID 0130, church bells, electronic sound effects (Jordan); *1002 on 1-8, full s/on ID, prayer with bird sounds in the background (Bolland-FL); also 1-8, 1003-1035, gentle campo mx, talks, TCs 5 minutes slow, low-keyed presentation, good sig but low modulation made for strained copy. Full ID 1004. For AM broadcast, soft mx and low modul could put you right back to sleep (Cunningham); *1006 on 1-4, NA, s/on annt, short rel.segment, EJ ax, OM anncr, fair sig (Wilkins-CO).
- 4915 GHANA Accra, poor with EG nx at 0610 1-7 (Moman-ALB); talk in vernac. at 0632 1-23, fair sig (Konen-WI); 0655-0710 1-26, EG nx, ID 0706, good sig (Bragg).
- 4915 KENYA Nairobi, nx 0407 1-27, brief ax, discussion betw.OM and girl, Afro drum mx, TC, talk by gal, ID 0429 (Valko); Afr mx 0409 1-11, Swahili talk, poor sig (Konen-WI).
- 4920 AUSTRALIA ABC-Brisbane, nx and sports 0911 on 1-22, wx, "Sat Nite Show" with 30's mx to 0938 (D'Angelo-PA); jass 1305 1-12, TC ("9 past 11") (Purdum).
- 4920 ECUADOR R. Quito also hrd by many. EZ ltnng LA mx at 0045-0105 1-14, ID 0102, nx by man (Dickson); 0325 2-8, LA ballads, ads, "LV de la Capital" ID 0331, TC, ad for Banco Popular (Smith-CT); 0400 1-11, ID and fcys, bank ads, EZ ltnng mx (Valko); rapid fire taped nx at 0415 on 1-12, good sig (Konen-WI); LA mx, ID, 0420 1-23 (Samuel); 0420-0440 on 2-6, Andean ax, ID by OM (Thunberg); ID 0457 1-22 (Field-MI); hrd during very late opening at 1215 on 1-29, ad string, ID at 1219 (Sparks-CA).
- 4925 BRAZIL R. Dragão do Mar, Fortaleza, 2225-2250 on 1-9, PT, talk, mx, IDs with mentions of Fortaleza; ute QRN, poor overall (Vance-FRG).
- 4925 COLOMBIA Es.Meridiano 70, Arauca, radio drama 0936 on 1-22, a little mx 0943, more drama, prgmng stopped 0956, just carrier; fair sig (Bolland-FL); 1008 1-16, non-stop ballads and songs, maybe ID under mx 1028, pol.talk at 1042 tune-by (Glikman-IL).
- 4934 KENYA Nairobi, Afr vernac.mx 1521 on 1-11, singing, talking, not //4915 (Young-CA).
- 4935 PERU R. Tropical, Tarapoto, OA mx 1033 1-13, Inca and Pepsi cola ads, batteries (Mikell-IL); 1042 1-7, one tune, ads, etc.; nx 1054, full ID w/call 1058(Bolland-FL).
- 4940 IVORY COAST Abidjan, 2235 2-5, pops, 2239 ID (Purdum); gal in FR 2255, ax(Konen-WI).
- 4940 KIRGHIZ SSR Frunse, RS light mx to 0344, then IS, ID by gal as "Govorit Frunse", then talk by same gal and OM. Weak but clear on 1-6 (Valko).
- 4940 VENEZUELA R. Yaracuy, EZ ltnng mx 0215 1-21, ID 0223 (Dickson); ID 0356, NA, 0359* (Bragg); full ID 0355 1-22, back to mx; fair and clear (Valko).
- 4945 BOLIVIA R. Illimani, La Paz, 1010 1-22, weak under EJ, ID, //6025 (Alexander-PA).
- 4945 COLOMBIA R. Colosal, Neiva, ads 0508 1-21, Caracol ID, fair sig (Smith-CT).
- 4950 CLANDESTINE Voz de Verdade, 0345-0405, drum mx, such QRN 2-4 (Berlings); tent. this one, 0350 1-6, mx, PT talk, thot hrd ment.of "Radio . ." and "Nambhia" (Valko).
- 4950 SARAWAK Kuching, weak w/possible nx 1230 1-30 (Wilkner); nx 1338 1-19, ID 1340 (Polchlopek); nx 1400, stock rpt, ID, MoR nx (Hensley).
- 4955 BRAZIL R. Cult. de Campos listed, ax 0025 1-24, vy weak (Field-MI).

- 4955 BRAZIL R. Mara Joaze, vy good sig 0930 1-29, but almost gone by 1015; jazz, romantic vocals, long ad strings, mentions of Para, finally an ID (Sparks-CA).
- 4960 ECUADOR R. Federación, Sucua, ballads, ID 0229 1-15, fgy amnt (Glikman-IL).
- 4960 INDIA AIR-Ranchi tent., Asian chants 1315 1-2, male amncr, instr.march, more talk from 1323; hrd on a decent SEA morning (Glikman-IL).
- 4965 COLOMBIA R. Santa Fe, Bogota, ID 0230 (Cassidy); ID 0956, fair sig (Bolland-FL).
- 4965 HAWAII R.SMA, elevator mx 0355 1-27, ID w/PM and SW fgy, bird chirps, hvy HJ QRM (Mikell-IL); Afr. singing 1622 1-15, EG amnts, in the clear but vy weak (Young-CA).
- 4968 SRI LANKA Colombo, Indian mx, little talking, 1357-1628 in 1-10 to 1-15 period; tho't this channel was inactive (Young-CA).
- 4970 VENEZUELA R. Rumbos, Caracas, LA mx 0455 1-23, talk, ID (Samuel).
- 4975 COLOMBIA Ondas del Ortiguaza, Florencia, "Amancor campesinos" prgm 1015 1-18, saludos, ranchera mx; poor (Wilkins-OO); hrd over ute couple times lately, circa 1000-1030 (JB).
- 4980 VENEZUELA Ecos del Torbes, San Cristobal, IDs 0330, mx; amnts, fair 1-14 (Konen-WI).
- 4990 NGHERIA Lagos, *0430 with IS, ID, NA, 1-3 (Valko); fair to 2305* 1-6 (Moman-ALB).
- 4990 SOUTH AFRICA R. RSA, EG mx, ID, pol.cntry, 0310 1-21 (Samuel); 0315 (Petersky-TX).
- 4996 ECUADOR R. Bahai', Otavalo, EG ltnng mx, romantic ballads 0323 2-1, IS and NA to 0356* (Jordan); ID 0348 1-14, flute/calliope IS before and after s/off ID, 0356*, no sign of WWV (Mellberg-IA); HC mx 0350 2-6, IDs, closing amnt, NA, IS, 0354* (Alexander-PA).
- 4996 PERU R. Andina, OA mx 1010 1-18, amncr, TCs, WWV QRM, hrd often (Wilkins-OO).
- 5005 NEPAL Kathmandu, 1230 1-16, fair, 9590 not hrd (Biller-NJ); 1435 1-8, mx 1450, vx 1459, cntry, mx; regular (Howard-CA); EG mx 1459, ID, vx, often arnd 1500 lately (Moman-ALB).
- 5010 CAMEROON Garoua, vernac. 0507, light mx 0510 (Petersky-TX); EG mx 0600, fair sig, ID as R. Garoua, 1-30 (Paskiewics); hrd in EG 0534 1-11, fair (Konen-WI).
- 5010 COLOMBIA R. Surcolombiana, Meiva back agn. Todelar ID 0400 2-8 (Smith-CT); nx 0400 (Field-MI); strong 0415 2-6 (Alexander-PA); 0520* abruptly (Konen-WI); *1010 (Sparks-CA).
- 5014 ECUADOR Enc.R.Populares, Riobamba, jumping between this and 5023 every half-min, 5023 stronger but overmodulated; 0220 1-30 (Biller-NJ); 1045-1135 1-15 (Valko).
- 5015 PERU R. Moyobamba, Herb Alpert 1046, complete ID 1055, generally poor (Cunningham).
- 5015 USSR Vladivostok, Kremlin chimes 2000, 6 pipe, presumed RS; nx; fair (Biller).
- 5017 ALBANIA Gjrokaster, mx 0490, amnts, no ID, //5057, 1-11; on 5020 1-24 (Petersky-TX).
- 5017 BRAZIL Unid. at 0403 2-5, mx prgm, woman amncr, still going at 0515 (Field-MI).
- 5020 CHINA Jiangxi PBS, Nanchang, good at 1203 1-16 (Wilksn); poor 2305 1-8, CH talk, storytime 2321; wiped out by big carrier at 2330 (Vance-FRG).
- 5025 BRAZIL R. Borboresa, Campina Grande, Br.pops 0217 2-7, TC and ID 0224, fair (Smith-CT); Brazilian pops 0242-0302, several IDs, 1-30 (Glikman-IL).
- 5026 ECUADOR R. Splendit, Quenca, clear ID 0313 1-18, 0456* w/out NA (Mellberg); 2-6 to 0501* (Alexander-PA); ID 1057 1-22 (Glikman-IL).
- 5027 UGANDA Kampala, poor w/disco 1945 1-5, maybe EG (Biller-NJ); 2043 1-7, disco, to 2102* after NA and s/off (Valko); tent., vy weak 0431 1-4 w/nx by man (Glikman-IL).
- 5030 CHINA Peking, new fgy, 1600 2-7, IS, CC ID by gal (Young-CA).
- 5030 VENEZUELA R. Reloj Continentes, Caracas, EG ltnng mx 0130, ID 0200 1-20 (Dickson).
- 5035 CENT.AFR.REP. Bangui, disco mx to 2130 1-20, ID, long talk, back to mx; fantastic sig at 0500 (Valko); 0436 1-8, talk, mx, plenty of IDs, good sig (Vance-FRG).
- 5035 KAZAKH SSR Tent. Alas Ata, poor with vocal mx, man with talk, 1417 on 1-16 (Uerlings).
- 5035 PERU R. Imagen, Tarapoto, ID 1058 2-3, faded by 1145; also weakly at 0330 (Field-MI).
- 5040 COLOMBIA R. Cincio, Villavicencio, complete ID 1129 1-25 (Field-MI).
- 5040 GEORGIAN SSR Tent. Tbilisi, RS, poor-fair, 0508-0515 1-9, then (Buz-FL).
- 5040 GUINEA-BISSAU 0642-0702 1-9, PT, local mx, full ID 0701, then covered by ute but faded anyway; poor, but best time slot for my location (Vance-FRG).
- 5045 PERU R. Rioja hrd 2-3 after Br.s/off at 0300; mx, ID, 0345* w/NA, fairly good (Field-MI); amnts between mx selections, 0323-0335, fair-poor (Jordan); ads, lion's roar, ID 0351 1-19, NA and off (Mellberg).
- 5045 INDONESIA Tent. RRI-Jajapura, 1150 1-16, Jak mx 1200; vy poor, het, no ID (Sparks-CA).
- 5047 TOGO Lome, fair in FR 0618 1-23, ID 0629 (Petersky-TX).
- 5050 ECUADOR R. Jesus del Gran Poder, Quito, mx 1106 1-15, ads, fair sig (Wilkins-OO).
- 5050 INDIA AIR-Aizawl, vy tent., poor-vy poor in EG 1530-1600 in Jan, tent. //4800, but what seems to be R. Tanzania sometimes dominates w/Afr mx and local lang (Howard-CA).
- 5050 TANZANIA Dar es Salaam, in Swahili 0318 1-11, poor (Konen-WI); 0355 1-23, drums, pipe at 0400, mx, fair, much QRM (Buz-FL); 1520-1550 Swahili, maybe EG 1530, het (Young-CA).
- 5052 SINGAPORE RS, EG YL anncr 1555 1-11, pops, ID, mx in brief, faint //5010 (Moman-ALB).
- 5055 COSTA RICA TIPC, EG, Sun quis 0245 1-24 (Cobb-ME); 0300, ID, greetings (Stanley-AZ).
- 5055 SWAZILAND THR, IS and EG ID over TIPC at 0356 1-21, Afrikaans 0400, 0420 fade (Homer).
- 5056 FR.GUIANA Cayenne, 0915-0945 1-21, roosters, mx 0930 (Wilkins-OO); 0032 //3385 (Young-CA).
- 5065 USSR Petrosavodsk, pop mx 2035 1-5, rapidly improving sig //4780 (Biller-NJ).
- 5068 ECUADOR R. Progreso, Loja, up here at 1012 1-13, mx, ads (Wilkins-OO); 5067, 1115 on 1-14, mensajes, ads, no ID (Sparks-CA); 5062, back here 1130 2-5, hvy ute QRM (Sparks-CA).
- 5063, unid. from 0406 2-3, SP, no ID; another one on 5060, another night (Field-MI).
- 5095 COLOMBIA R. Sutatenza, ID at 0304 1-26, fair sig (Smith-CT); LA mx, talk, ID, 0320 on 1-21 (Samuel); 0401* after many IDs and anthem, bad ute QRM (Gorichanaz).
- 5095 PAKISTAN Islamabad, EG UN Radio prgm Sat only at 1445-1500, RP nx 1500 (Howard-CA).
- 5106 CLANDESTINE LV del CID, 0220-0300 1-28 (Jordan); ID, sked 0149 1-15, fair (Moman-ALB); 0310 2-1, lively LA vocals (Alexander-PA); R. Ignacio Agrmones segment to 1214* (Wilkins-OO).

- CID good at 0208-0226*, "Children of Sanchez", good rcpn (Robinson-TN).
- 5112 PERU R. Eco, continuous LA pops 1007-1029, ID, more pops, 1-22 (Glikman-IL); same, several IDs, 1010 2-1 (Alexander-PA); mx 1019 1-22, ads, IDs as "R. Eco, la grande radio . . ." (Bolland-FL); nx 1008 1-5, "Condor Pass" theme mx (Wilkins-CO).
- 5170 CHINA PLA, 1016-1020 1-22, maybe nx, CH, fair, //7025 (Bolland-FL).
- 5711 CLANDESTINE? Revol. talk, mentions of Managua and Nic, suddenly off 0020, 2-5 (Bainbridge-WV).
- 5750 CLANDESTINE LV de Nicaragua Libre, political talks, M&W shouting, 2 songs, bridge-WV). 0433-0453* (Jordan); 0405 2-4, good sig, believe organ. is ARDE, Alianza Revolucionaria Democratica; sounds like same gal as on LV de Sandino, no? (JB).
- 5770 CHINA PLA, opera mx, good sig, 1230-1300* 2-1 (Jordan).
- 5877 SAUDI ARABIA Tent. BSKSA, world nx 0408, hrd to 0417; never clear enough for positive ID, tho think it's them; poor, ute QRM, mxtr problems put carrier off few times (Cunningham).
- 5882 ARGENTINA R. Rivadavia, SP talk with ID at 0009, 1-11, fair sig (Konen-WI); hms).
- 5900 USSR RM, EG nx 1400 1-25, ID 1411, QRM from a CH stn (Hensley).
- 5930 CZECHOSLAVAKIA R. Prague, EG at 0110 1-24, nx, "Mx For Your Tape Recorder" (Krist-VA).
- 5940 USSR "Covorit Magadan", 0745-0820 1-20, clas.mx, IDs, IS, nx, applause (Sharpe-CA).
- 5945 AUSTRIA Vienna, 0130 in EG (Krist-VA, Dickson, Stanley-AZ).
- 5949 PERU R. Arequipa, fair-good reception on 2-7, 0040-0340*, pop songs in SP, some EG pops, many IDs; s/off time varies from day to day, sometimes Guyana QRM (Howard-CA).
- 5950 GUYANA GBC, ID 0830 1-10, TCs, obituaries, messages, birthdays, to 0855 (Purdum); EG religious prgm 1000 2-6, news by gals (Bainbridge-WV).
- 5955 NICARAGUA LV de Nic, EG nx 0338 1-11, het, says is "official voice of the govt of Nic" (Gorichanas); 0315 1-17, EG nx by amncr Margaret, good sig (Konen-WI); EG to 0526*, world nx by gal, off suddenly (Samuel).
- 5960 CANADA RCI, EG at 0325 1-23, amncr Bob Johnson (Karns).
- 5960 GREECE Athens, EG ID 0430 1-20, "This mx is coming to you from Athens" (Karns).
- 5960 MALTA R. Mediterranean, *2130-2230 1-13, EG, AR, FR, many long IDs (Wood-S.AR); *2130 AR ID, FR 2230, still audible under RCI after 2300; 1-18 (Homer); test tape 2155-2259, EG, AR, FR, fanfare IS, good-vy good, 1-17 (Stephany-NY); *2230-2254 1-15, fair sig (D'Angelo-PA); 2230-2245 1-29 (Rigas-IL); to 2300* 1-29 (Jordan). Now on 6110 (JB).
- 5960 GERMANY DW, EG at *0456, IS, time, frys, nx; ID 0500; strong, stable 1-23 (Bragg).
- 5965 BRAZIL R. Guaiaba, Pto. Alegre, talk to 2325, mx, ID 2329, good in USB (Melberg-IA).
- 5965 MALAYSIA Kuala Lumpur, 2245 1-25, pop mx (Weinhold).
- 5965 NIGERIA Tent. Jos, two men talking at 0615 1-31, comms, sent. of Nig.; poor (Uerlings).
- 5974 BOLIVIA R.Nac.Cochabamba, 1004 1-10, campo mx, man host, canned ID 1014, back to mx, fair-good (Valko); 0955 1-19, guitar mx, ID 1009, into folklorica mx (Sparks-CA).
- 5975 ENGLAND BBC, EG "News Desk" 0417 1-31, world nx (Karns).
- 5980 SERRA LEONE Freetown, EG nx 2255, ID 2302, poor 1-21 (Konen-WI); ID 0600, prayer, prgm amts, nx, 1-31 (Uerlings); rel. prgm 0620, ID 0630, into lang., fair (Konen-WI).
- 5980 SOUTH AFRICA R. RSA, EG 0310-0325 1-17, ID, fgy amts, pops; fair, 7270 btr (Cobb-ME).
- 5985 USA WYPR carrying VOFC relay, EG, 0550 1-25 (Karns), 0315 1-21 (Samuel).
- 5985 UZBEK SSR Tashkent, EG nx and cntry 1218 1-17, IDs (Konen-WI); EG 1220 1-19 (Purdum).
- 5990 ITALY RAI, JP Svc, EG *2200-2225*, IS, IDs, mx, fair; 9770 vy poor, 11800 unhrd (Cobb-ME).
- 5995 AUSTRALIA RA, 1353 1-25, EG, sports mx, pops, frys, IDs, TCs, exc (Hensley).
- 6000 CHINA PLA, 1115-1200 1-18, Amoy talks, traditional CH mx; poor, much QRM (Jordan).
- 6000 HONDURAS Eco de Honduras, SPS, ballads 0018, ID, nx to 0029, talk, more mx; 1-25 (Jordan).
- 6005 SO. YEMEN Aden, 1500-1547, possible ID 1500, chanting; strong 1-7, weaker 1-8 (Young-CA); 2023-2200*, AR vocals, ID 2030, s/off amts and NA at s/off; BBC QRM, 1-10 (Valko).
- 6005 CANADA CFCX-Montreal, rock mx 0923 1-15, CFCX IDs, vy good with Reloj off (Wilkins-CO); hockey scores 1443 1-9, Montreal wx, Frank Sinatra mx (Purdum).
- 6010 VENEZUELA R. Los Andes, Merida, 1015 1-15 in SP with ads, M&W annors, ID, LA mx (Alexander-PA); ballads to 1057, echo amts as "R. Los Andes, 1040," full ID 1101 with calls and frys. Good level but duffered from fading, 1-6 (Cunningham).
- 6015 PORTUGAL RCI via Sines, RS ID 0315, into RS nx; RCI IS just before 0315 (Rankin-KS).
- 6015 RHODES VOA, 2115-2158 1-18, AR prgm EG ID 2158 (Reinstein & Wilkner).
- 6015 VATICAN RV, EG prgm 0100-0115, 1-14 (Krist-VA), 1-5 (Gorichanas).
- 6020 CUBA Havana, EG "Mailbag" 0724 1-10, questions, letters answered (Purdum).
- 6021 PERU R. Victoria, Lima, poor with het at 1102 1-22, pops, OA mx, ID, nx (Alexander-PA).
- 6025 BOLIVIA R. Illimani, La Pas, pop mx 2245 1-13, ID 2304, ads, very good during Portugal silent period (Stephany-NY).
- 6025 PORTUGAL Lisbon, EG 0304-0320 1-12, mx, into nx and cntry, good sig (Jordan).
- 6030 USA AFRTS, *0059 with NA, into all-star game 2-9 (Mayer-PA); 0130 1-16, ABC nx (Krist-VA); mx in lieu of reg prgmng 0615 1-9, Mike Wallace At Large at 0620 (Dill).
- 6035 AUSTRALIA RA, EG 2126 1-16, end of "Spectrum", ID and fgy, TC, sports (D'Angelo-PA).
- 6050 DOMINICAN REPUBLIC Tent. this one, mxtr problem at HCJB let this slip thru, 0211-0229 1-8. Non-stop live sports, no hint of an ID. HCJB back 0229 wiped em out (Cunningham).
- 6055 CZECHOSLAVAKIA R. Prague, Csech 2330, clas.mx, ID of sorts 2340; fair 1-16 (Fraser-MA).
- 6060 ARGENTINA R.Nac. B.A., 0957-1003 1-10, talk, ID, fgy and date at 1000, fairly good but fast fade (Valko); ID by gal 1001 1-15, continued with nx; poor (Moman-ALB).
- 6060 CUBA Havana, EG mailbox 0321 1-23 (Karns); exo at 2345-0016 2-5, mx, cntry (Robinson-TN).
- 6070 INDONESIA RRI-Jajapura, man and gal talking at 1520 1-29, 40's mx, big band stuff, poor to 1600* (Robertson-CA).

- 6075 W.GERMANY DW, EG 0130-0200 on 1-25, sports prgm (Weinhold).
- 6080 CHILE R. Patagonia Chilena, Coihaique, 0935-1000 1-15, man anncr, into mx, then camp mx; talks by man, ID 0952, but very, very poor (Jordan).
- 6090 LUXEMBOURG R. Lux, poor-fair, ad, jingles, mx, 0044 1-16 (Krist-VA); 0050 1-7, rock mx, ads, story of a snowbound rock tour, fair (Fraser-MA); also 1-7, 0035-0100, top 5 records, Topol ad, ID 0038, fair-poor with heavy QRM (Cassidy).
- 6090 USSR RM, Grenburg (per URM), 2140-2203, EG WS, over Lux, //other WS fays, 1-18(Glikman-IL).
- 6095 ECUADOR HQJB, "IX Partlyline" 0635 1-25, welcoming new ANDKers (Karna). man-IL).
- 6096 PERU R. Nacional, Lima, 0019-0042, fair, 2-4 (Robinson-TX); 0417-0500, make it tent., EG lstrng ballads, YL anncr, ID 0500 for "R. . del Peru," then QRM'd away (Glikman-IL); 1100-1132 1-3, OA mx to 1109 s/on anmt, mx on new cab.members, more vocals (Wilkins-CO).
- 6100 USA KGEI, testing new ant. 10-15 2-2, also 2-19, asking for rpts (JB).
- 6100 W.GERMANY DW, SP 2330 on 1-16, ID 2340, sounded like a DX prgm (Hosmer).
- 6105 BOLIVIA R. Panamericana, La Pas, *1021 1-22, light mx, opening smts w/ID, fays, then piano mx (Alexander-PA); 1038 2-5, folklorica mx, ID, nice clear sig (Sparks-CA); *1057 1-13, soft ax to 1100 opening, then more quiet vocals, fair sig (Wilkins-CO).
- 6105 BRAZIL Ceara R. Clube, Fortaleza, PT vocals 0904, OM anncr, XVTO QRM 1-15 (Wilkins-CO).
- 6110 PHILIPPINES VOA, "Concert Hall" 1423 1-16, ID and fays at 1500; weak (Purdum).
- 6115 USSR RM, fair with EG mailbag 0031 1-16 (Krist-VA).
- 6120 ARGENTINA R. El Mundo, B.A., ID 0900 2-1, mentions of B.A., ads, jingles, talk (Alexander-PA); 0951-1000 1-22, LA mx, instr.march ax, El Mundo ID at 0959 (Glikman-IL); YL with impassioned ballad 1108 1-19, anmt, more mx, two quick IDs (Jordan).
- 6120 CANADA BBC over the CBC, 2321 1-15, "Merchant Navy Prgm", "Meridian", etc. (Krist-VA).
- 6130 CANADA CHNK-Halifax, 1147 1-12, ads, C&W mx, traffic rpt, 1200 mx, QRM from VOA-6125 (Purdum); ID 1207 1-15, hockey scores, TC, C&W mx; poor (Paskiewics).
- 6130 USA VOA-Greenville, "Music USA" 0045 1-16, Nat "King" Cole (Fraser-MA).
- 6135 CHILE R. Universidad de Concepcion, good carrier level at 0955 on 2-4, but audio a little low at 1000 start-up. 7-note IS 3 times, ID, date, fays, into vocals (JB).
- 6135 KOREA (S). Seoul, poor in EG 1303 1-21, 6140 QRM, mx, partial ID hrd (Lucas-CA); mx in EG 1325 1-19 (Polchlopek).
- 6135 SWITZERLAND SRI, "Dateline" 0145 1-21, cntry, mx, EG, good but 6130 QRM (VOA)(Stanley-AZ); "Swiss SW Merry-Co-Round" 0145 1-8, not as clear as usual (M11).
- 6145 USA WRNO-N.Orleans, fair at 0826 1-15, relig. prgm, ID 0829, more rel.prgms (Lucas-CA).
- 6155 CYPRUS CBC-Nicosia, *2213-2230 1-23, Greek, guitar IS, ID, mx and mx (Rigas-IL).
- 6155 USA WRNO-N.Orleans, FM-100 relay at 0210 2-9, good sig with mx, ads, TCs, etc. (Hayer-PA); "World of Radio" 0230 1-16, on time and no interruptions (Hosmer); 0454 1-11, T-shirt ads, football prams, QRMing itself by carrying two audio channels at once! (Homan-ALB); rock mx 0510 1-28, ID, vx at 0514, USN PSA (Brager).
- 6160 NEWFOUNDLAND CEXM-St.John's, surprisingly good 0945-1050 1-15 after many unsuccessful tries; mixed bag of mx, Labrador vx, TCs, CBC ID 1030 (Wilkins-CO); 1-12, vx rpt 1116, TC, ID 1130 as "This is CBN and CBNM", ID 1140 as "CBC R. in Newfoundland" (Purdum); contest 1149 1-8, ID, mx, talk about raising funds for the arts; fair to 1200(Paskiewics).
- 6165 ROMANIA RM, "Happy Stn" prgm 0230-0320 1-10, mail call (M11); "Monday Rpt" ics) at 0250 1-4, EG (McKellar).
- 6170 COLOMBIA LV de la Selva, reactivated, ranchera mx hosted by CM anncr, 0940-0958 2-1, but QRM'd by Cayenne s/on 0958. Anmt: "De Colombia, quiere la pas, esta comento en el capital. LV de la Selva, radial de CARACOL ... gobierno departamental, a las puntas de accion comunal, de historicos politicos, sindicatos y en general las todas las masa Caquetanas . . tricolor nacional. Este sabado, 5 de Febrero, la grande . . nacional con la bandera tricolor, la bandera de la pas. Caquetano, ese la bandera en su casa, lleva en su pecho." Tent. this one on 1-29, 1123-1137, talk, musical selection on half hr, more talk; Caracol ID, but no stn ID hrd (Glikman). Tried for them 2-19 AM, but not hrd; hope they're still around (JB).
- 6170 ENGLAND BBC, EG mx 2300 1-25, "Sports Roundup" (Weinhold).
- 6170 FR.GUAYANA Cayenne, FR pops 1010, cntry 1015, into FR mx, //5056, 1-24 (Wilkins-CO).
- 6175 AMTIGUA BBC, 0132-0200 2-5, radio production of Anna Karina, exc (Robinson-TW).
- 6180 CYPRUS BBC-Limassol, WS ID 1914 1-16, Dickens dramatization, //15070, 15400 (Purdum); jms 2144 1-19, world mx, echo effect on sig (Witsig).
- 6180 VENEZUELA R. Turismo, Valera, political party ad at 1051 1-12, grocery and clothing store ads, ID 1059, brief mx 1113 with chimes, good sig (Mikell-IL); 1105-1115 1-24, fair with TV ax, ads, many mentions of Turismo (Rigas-IL).
- 6189 PERU R. Oriente, Yurimaguas, *1032 2-1, NA, opening smts with many IDs, into light mx (Alexander-PA); *1033 1-15, NA, ID, talk, more IDs (Valko); powerful at 1045 1-27, but mxr problems reduced sig by half, big buzz (Willner).
- 6190 USA VOA-Greenville, mx prgm 0040-0100 1-30, SP and EG, good sig (Bonnet-IN).
- 6195 AMTIGUA BBC WS, "Sports Roundup" 1245 1-15, "World Hx", "Network UK" (Krist-VA).
- 6195 CANADA CBC NQSW, 0233 1-11 (Krist-VA), 0450-0510 1-9 (Gorichanas).
- 6195 PERU R. Cusco, 0940 in SP on 1-22, OA mx but mostly talk, ID 0950 (Alexander-PA); 1035 1-15, folklorica ax and huaynos, TC and ID but lost sig to a powerhouse carrier at 1047 (Sparks-CA); OA ax 1035 1-12, comedy-type record, man anncr, TCs, greetings to a woman in the hospital; poor sig (Mikell-IL).
- 6195 USA WRNO-N.Orleans, mx at 0500 on 1-25 (Karna).

73 until April-JB



LOG REPORT

section C

6200 to 11699 kHz

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

First off; my appologies for February.

Can't blame the PostOffice...my timing was off. I waited too long for last-minute reports to arrive.

Second; there is NO WAY I can use ALL reports received for LR-C. Emphasis will be on accuracy and up-to-the-minute-ness.

Finally, ACCURACY IS THE RESPONSIBILITY OF THE REPORTER(S), not this editor.

- 6209 VATICAN Vatican R 0705-0720, IT/FR/EG nx segments approx 10 min long, M&W ancrs, lite mx bridge between segments. Vy weak and quite noisey, OSB by 0720. (Jordan)
- 6209.9 CLANDESTINE R Venceremos 0322-0344* SP, LA mx to 0340, dead air to '42, then "Desde Morazan...R Venceremos" Ancd FM freq of 97.8 (I think). (Rankin, KS)
- 6215 LEBANON VoHope 2105-2145 EG, nx, reading from Mathew, Ezl and spiritual mx. (Clifford, FRG)
- 6217 CLANDESTINE R Venceremos 0342 SP; martial mx followed by political talk oy M&W, into ID & sked to 0347*. Poor. (Smith, CT)
- 6221 ITALY R Milano Int'l 0937-1002 EG/IT, rock & disco mx, IDs as "101 Radio", "101 Stereo", and "R Milano Int'l Hit Parade". Slight QRM...fair to good. (Vance FRG)
- 6225 BELGIUM BRT 2215-2245* EG, nx, features, pop mx. Ancd //11925, but not hrd. (Alexander, PA 2Feb)
- 6250 UN-ID 0800 (29Dec) and 0938* (3Jan) AA, OM reading & crowd responding. S/off anmt by M&W, then short anthem piece. Any ideas? (Moman)
- 6265 ITALY RAI *0505-0520 RM, s/on by W, world nx by W. Loud and clear. (Rankin, KS)
- 6275a ITALY IBC 0557-0630 EG, pop & rock mx, occasional anmts by M w/ def ment of R Time twice. Thru ute & CW QRM, no chance for ID. (Valko)
- 6296 PERU R Chota 0055 SP, ID @ 0055, poor. (Berg, MA)
- 6300 USA AFRTS 0444 EG, AFRTS pgrms //6030. Spur? (Momon) (yes jta)
- 6340 TURKEY TK Police R 0523-0537 TK, haunting mx w/wailing. Fair w/ CW & ute QRM. Not hrd in some time. (Valko)
- 6527 VIETNAM Cao Bang Reg Outlet 1335-1359 VT, mx, solo YL song w/ one-stringed instrument. Poor (Robertson, CA)
- 6550 LEBANON VoLebanon 1807-1830 FR/EG, guitar mx w/FR YL, EG ID @ '15 then nx of Lebanon in EG by W & wx rpt. Back to AR at 1830. (Clifford, FRG)
- 6555 CLANDESTINE R 15 de Sept 1154-1212 SP, revolutionary talk, // 7000 and 5565 jammed. (Wilkner 7Feb)
- 6790 SOMALIA R Mogadishu *0300-0501* and 1915, chants & AR talk, nx 0450. (four reporters)
- 6800 CLANDESTINE R 15 de Sept 0545-0600* SP, anti-Sandinist pgrms, ID @ 0557, anthem 0559, //7000. Maybe a feeder arrangement? (Rankin, KS)
- 6848 CLANDESTINE R Venceremos 0230 SP, mx, tlk, slogans, etc... ID 0234 by W. Freq may be inaccurate as I used my XCR30. (Dickson)
- 6860 CHINA R Peking 1910 EG, commentary on politics of the Congo. Good level. (Billier, NJ)
- 6864 CLANDESTINE R Miskit 0304 SP & Miskito, mx & tlk by OM, ID @ 0308, then anthem and off. Fair. (Smith, CT)
- 6872 CLANDESTINE R Miskit *1058-1211* SP & Miskito, mostly USB and carrier, drift to 6864 by s/off. Poor w/ute QRM (Lucas, CA)
- 6900 TURKEY TK State Meteorology Stn 0500-0510 TK, slow non-descript mx and vern. Ute QRM (Wilkner)
- 6900 CLANDESTINE R Quince de Sept 0502-0512 SP, M&W ancrcs talking ment of Nicaragua, Sandinista & Cubanos (Valko)

UN-ID R Carto (sp?) 0315-0447 SP, LA mx pgm called "--- Romantic"
M anc. ID sounds like "Transmits Radio Carto" (Kar-Too), but
not sure as wk & fading. Hrd daily. (Valko)
CLANDESTINE R 15 de Sept 0320 SP, tik abt the Nicaraguan people,
ID & off @ 0330. (Field, MI)
ALBANIA R Tirana 0000 EG, W w/nx & commentary. (Dickson)
USSR 1253, w/ choral mx under ham slop, //5015. (Wilkner)
TURKEY Vot *0400 TK, mx, TK ID & freqs, nx. BBC Ascension
under...good sig. (Reid, Ont)
GERMANY, WEST VoA(t) relay 0000, IS, ID in EG, then nx in Uzbek.
Good sig. (Fraser, MA) (maybe RFE? jta)
MALI R D Nationale 0711-0720 FR, march mx to 0721 ID, amnts,
0725 string IS, 0726 into lang. // 7270.6. (Wilkins, CO)
ETHIOPIA VORE 0329 vern, flute IS, M&W ancrs, then flute & drum
mx. 0344 tik by M, then piano mx 0345. (Wilkner, CO)
BULGARIA R Sofia *0400-0430 and 2130 EG, nx of Bulgaria, mx,
2130 DX program. (four reporters)
ALBANIA R Tirana *0130 EG, nx, world nx, interview w/ a
pianist. (Krist, VA)
POLAND R Polonia *2230-2258* EG, Euro Svc, nx, intvw abt Soviet
peace plans, item on agriculture. (Krist, VA)
TAIWAN VoFC 1225-1235 CH, song to 1228, amnts & tik to 1235.
Fair, lots of QRN, //11745 much better. (Buer, FL)
USSR R Moscow 0000 EG, spl pgm on Adamov's US visit. (Fraser, MA)
CAPE VERDE ISLANDS Em Official 0750-0904* PT, US & PT disco & rock
mx, M in PT, ments of Sao Vicente, 2-note gong (five reporters)
JORDAN HKBS 2215-2230 AR, OM into wailing vocal chants w/ME
instruments, quick tik by M&W. Fair to vy poor in ORN & QSB
(Jordan) (did u get an ID? jta)
NIGER ORTN Niamey 0757, M&W tik, wierd sounding mx. (Konen, WI)
HUNGARY R Budapest 0710-0910 GK/TK, ME mx & tik by M&W, AR chants,
R Budapest IS @ 0825, back to AR mx 0830. Sked Sat & Sun only,
GK to 0825, TK from 0830. (two reporters) (probably what was
reported above as Jordan and Niger. jta)
UK RCI via Daventry 0644 FR/EG, FR svc, EG ID noted
at end of broadcast. (Moman)
NEW CALEDONIA FR3 Noumea 0805 FR, M w/nx, tik. (Konen, WI)
GERMANY West R Liberty 0325-0355, cntry by M in Byelorussian,
into Lithuanian at 0330. (Rigas, IL)
IVORY COAST R Dif Ivorienn 0730-0745 FR, high-life mx, M anc
IDing after each song. ARO ORN, F to G (Wilkins, CO)
UN-ID 1330-1400 CH, M anc. tikng. Hrd fr several weeks, always
to weak for ID. Maybe Chengdu?? (Robertson, CA)
RWANDA DW 0445 EG, "Behind the News" on Ghanan exodus, cntry on
how aid pgms are ruining Waf ecology. Fair. (Park, HI)
ITALY RAI *1935-1955* EG, British Svc, //7290 & 9575.
All fair. (Cobb, ME)
SWAZILAND TWR 0400-0410 GM, ID by M, religious mx. Good (Rigas, IL)
USA R Clandestine 0601-0608* EG, humorous mx, IDs, DJ was
R F Burns. Excellent sig. (McClellan, MI)
ISRAEL Kol Yisrael 0020 EG, complete sked including Reshet Bet.
Good. (Zilmer)
USA R Free Wave 0515-0530 EG, pop & rock mx, "The Captain" between
songs w/IDs. Ment NE US QTH, sed to send reports to hobby pubs
for QSL. Ute QRM. (Valko)
BELGIUM BRT *0030 EG, "Brussels Calling", mx, item on spys, cable
TV in Belgium, wx. (Krist, VA)
CLANDESTINE VotPeople of Burma 1200, four(?) note IS, then W in
lang. Vy weak. (Wilkner)
EGYPT R Vatan 0520-0557* Parsi, AR mx & chants, M w/rapid tik
ments of "Arabyia", ID as R Vatan 0550. Poor. (Jordan)
ISRAEL Reshet Bet 0446-0502 HB, ezl mx, M&W ancrs, some ads &
jingles. ID up to the hour, then time pips, nx. (Cunningham)
ISRAEL Kol Yisrael *2000 EG, fair //13745. (Reid, Ont)
EGYPT R Cairo 0227-0238 EG, cntry on Reagan's SotU speech.
They approve the "stay the course" policy. (Hoffmann)
USSR R Magallanes *0200-0230* SP, propoganda for LA & SAm,
w/ indiginous mx. (Jordan)
ALGERIA R&TV 2040-2110 AR, mx w/M, into walls & chants, IDs
2045 & 2057. Noisy, fair to poor. (Jordan)
GUAM KTWR 1400-1415 EG, Kid's Bible Hour, good. (Cassidy)

- 9515 MALTA IBRA via R Mediterran 2030-2115* EG, ID, ICR rlg pgm & mx, 30 min w/Peter w/interview. Good. (Paszkiwicz)
- 9525 SWAZILAND TWR 2012, rlg pgm in unk lang, hymns, ID in EG as TWR 2014, IS 2015. Fair. (Smith, CT 6Feb)
- *9530 JORDAN HKBS 1900-1915 AR, active here again...AR ID, nx, good sig. (Wood, Saudi Arabia)
- 9535 ANGOLA R N de Angola, 2245-2300 EG, M w/nx abt Angola, Tanzania and Namibia. ID as the News & Views English Program. Also played pop & reggae (hi-life?) mx. (Fisher, MA)
- 9560 TURKEY VoT 2200 EG, Review of Turkish Press. (Dickson)
- 9560 ETHIOPIA VORE 1500-1530 EG, ID, nx headlines, clx mx. Het & slop fm VoA 9565. (Paszkiwicz)
- 9560 AUSTRALIA R A 2200 Indo, wld nx by M. No Vot (Reid, Ont)
- 9590 USA R Clandestine *1700-1749*, rock mx, many IDs, hilarious ads, slight het, mod QSB. Good sig. (McClellan, MI)
- 9590 NEPAL R Nepal 1148 NP, IS, s/on, native mx. A real treat to hear this one. (Konen, WI) (try 5055 or 3250. jta)
- 9595 BRAZIL R Cult de Bahia 0030-0100 PT, lots of ads, mx & IDE "Todo Bahia". Poor w/BBC adj-channel QRM. (Vance, FRG)
- 9595nf UAE UAE R, Dubai *0330-0400* EG, ID 0329, then greetings, skeds, time pips, nx, & cmntry. //11755 good. (Jordan)
- 9610 BRAZIL R Tamoiu 2226-2302 PT, tlk by M&W, //R Nac de Amazonica and was dupe w/Voz do Brazil pgm. ID for VoB @ 2230, Own ID 2300, but too much Moscow QRM. (Valko)
- 9620 VENEZUELA Catatumbo Int'l 1157-1225 SP, ads, ID by M 1203, vocal mx, some nx w/chimes. Fair (Lobdell, MA)
- 9640 SWAZILAND TWR 1557 EG, IS, ID, QRM fm Moscow IS. (Moman)
- 9665 AFGANISTAN R Afganistan 1908-1930 EG, Euro Svc, nx & cmntry, closed w/anthem. (Konen, WI)
- 9670 SAIPAN KYOI 1500-1700 & 2100-2140 EG/JP, "Superrock" promos, ads in JP. (ten reporters, plus Clifford, FRG & Wood, Saudi Arabia!)
- 9705^t INDIA AIR 1305-1355 lang, chants & vocals to 1315*, then tone to *1330 in diff lang. (Jordan)
- 9730 SWAZILAND TWR 0430 EG, IS, W w/tc & sked, "Revival Hymn", Fair in DW/Moscow/jammer QRM. (Park, HI)
- *9735 OMAN R Oman, EG drama, ID, //11890. Good. (Wood, Saudi Arabia) time?
- 9735 PARAGUAY R N de Paraguay 0946-1004 SP, ID 0947, M DJ w/mx...no //s noted at this time. (Lucas, CA 8Feb)
- 9749 TANZANIA RT 1439-1448 lang, tlk, pop mx w/some EG anmts. (Buer, FL)
- 9755 MONTE CARLO TWR 0550 EG, "Caribbean Night Call" (Karns)
- 9780 YEMEN R San'a 2100 AR, tlk, chants, s/off anmts, anthem to 2109* (Hosmer)
- 9880nf BELGIUM BRT 0110-0115* EG, "Brussels Calling"//7465nf. (Purdum)
- 9912 INDIA AIR 2130 EG, W w/EG pgm, nx. Good. (Konen, WI)
- 9950 INDIA AIR 1521 Hindi/EG, Hindi to 1530, then EG nx, cmntry & spl pgm "Beating the Retreat". (Uerlings)
- 9977 KOREA, North R Pyongyang 1142-1156 EG, anti-RoK/US propoganda, nx cmntry, mx. Good. (polchlopek 2Mar)
- 10040 VIETNAM VoV 1320 & 2014-2056, usual stuff (two reporters)
- 10060 VIETNAM VoV 2300 VT, home svc w/tlk & mx. (Zilmer)
- 10080 VIETNAM VoV 2330 EG, sked, nx, lang lessons. //12035 (Zilmer)
- 10335 INDIA AIR 1603 EG, nx of India. Poor (Robertson, CA)
- 11365 CLANDESTINE VotLybian People 2100-2330 AR, chants, tiks, lots of crowd noise. Good sigs. (two reporters)
- 11600a SPAIN SFR 0040 EG, how to write reception reports. (Karns)
- 11620 INDIA AIR 2040 & 2200 EG, mx, ID, tlk abt Pakistan, nx. (two rptrs)
- 11638 ISRAEL Kol Yisrael 0500 EG, nx by M, press rpt. Fair (Abbey)
- 11655 ISRAEL Kol Yisrael *0100-0125* EG, cmntry. Excellent (Robinson)
- 11675 KUWAIT Rk 1935 EG, pop/disco mx, life story of Mohammed (Konen)
- 11680 UK BBC 1110-1120 slovak, cmnts by M. 1115 full EG ID (Bolland, FL)
- 11695 VENEZUELA R Nac *1059 & 1403-1500 SP, IS, NA, s/on, mx, audio distorted. (three reporters)

whew. Thanks for the reports...keep them coming. Remember to make them complete, accurate and as up-to-date as possible. 73 es Good DX...

John



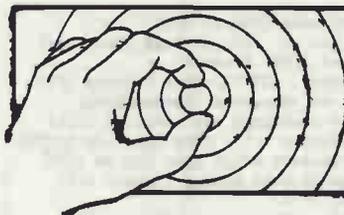
LOG REPORT

section D

11700 to 17699 kHz

Editor: Steve Wiseblood, 1221 XIMENOS; Long Beach, CA. 90804

- 11700 DOMINICAN REPUBLIC Clarin: 1917-0230 SP M ancr, nx, cntry, theme from star wars; 0321 EG ID and ancd fqs as 11700 and 4850; US pop & SP LAM nx, "CID" pgm @ 0330. XInt (5 reporters).
- 11700 EUROPEAN RSFSR Krasnodar-RM: 0230 EG "Sidelines from Moscow" (Ingler).
- 11705 JAPAN RJ: 2023 end EG nx; P to Asia & Africa, Mayak QRM de 11710 (Park-HI)
- 11705 SWEDEN RS: 2300 EG "Mailbag". P (Stanley-AZ 1/36). *0230-0245 EG "Mailbag", "Weekday", "Sweden Calling DXers", XInt (Mayer, Reid, Bonnet).
- 11705 AUSTRALIA RA: 1225-1242 EG pop-rock ax, Aussie wx, nx @ 1230, //9970; New R.A. pgm brochure to be colred w/pictures. Order yours today from P.O. Box 4286, Melbourne, Australia 3001; ready Feb/Mar (Polchlopek).
- 11710 ARGENTINA RAB: 2300-2330 SP tlk, EG "Sports Review" (Dill 1/11). 0100-0300 EG nx, cntry on M. Thatcher; M&W ancrs w/feature on tango ax; cntry on the Falklands (We shall reclaim our possessions!); ID, fcy annts oldies ax, occasional SP features (3 reporters). 1115 SP sports (Thunberg)
- 11715 DENMARK Rdansk: 0055-0105 IS w/bilingual EG/DN ID's; into DN (Mayer-PA)
- 11720 HOLLAND R Ned: 0700 EG nx, short story; P-F, QRM de Nousea (Park-HI 2/6)
- 11730 SOUTH AFRICA R RSA: *0157-0256* IS, EG ID, nx, pgm preview, "DX Corner" tlk on wines in South Africa; "Spotlight RSA" (6 reporters).
- 11765 GUAM KTWR: 1047-1101 JP M w/annts, JP gospel ax, JP ID; G (Polchlopek).
- 11770 MEXICO RMI: 0334* EG S/off annts. 3 (Mahlberg).
- 11775 UK RCI-Daventry relay: 0615 EG nx; P //7155, QRM de DW (D Park-HI 2/10).
- 11780 BRAZIL R Nac de Amazonica: 0000-0035 PT M vocalists. VG (Sobkoviak-IL)
- 11785 UZBEK SSR R Tashkent: *1200-1228* EG ID's, nx, "Salom Aleikum". "Youth Program". G //5945 (Krist-VA 1/30, Cobb-ME 1/4, D'Angelo-PA 1/22).
- 11790 INDONESIA VoI: 1455-1500 EG w/S/off annts, TC, ID. F (Konen-WI 1/21).
- 11795 COLOMBIA Rdf Nac: 2130-2223 chimes, Clacl ax, ID, guitar ax (Purdum, Sobkoviak-IL 1/31). 1300 chimes, ID, SP M w/nx. VG (Konen-WI 1/25).
- 11800 SEYCHELLES FEBA: 0417 EG "Newsbreak", gospel C&W ax, "Grace Outreach" @ 0440 w/ "Jenny Smith"; ID & into SH @ 0500. F (Petersky-TX 1/2).
- 11800 SPAIN SFR: *2359-0040 EG nx, wx, press reviews (Robinson-TN).
- 11805 BRAZIL R Globo: 0200 PT M w/nx, ad; P w/QRM (D Park-HI).
- 11810 INDIA AIR: 1350-1400 EG to SEAs, subcontinental nx w/annts, ID. G (Buer)
- 11810 NETHERLAND ANTILLES TWR: 1130-1200 EG rrligious pgms; 3 (Weinhold).
- 11810 SOUTH KOREA RK: 0030 SP ID, IS, SP M w/Wld nx, F to SAM (Fraser-MA 1/23 0205-0215 EG ID, IS, EG nx & cntry. VG (Sobkoviak-IL 1/16)
- 11815 JAPAN RJ: 1500 EG nx, cntry, GS to Asia; G (Zilmer 2/4).
- 11815 LIBYA R Jamahiriyah: *2230 AR annts, chants to 2245; ME ax, then EG w/answering listeners letters, Wld nx, pop ax (Weinhold, McKellar, Stanley into FR pop ax pgm after 0600. F-G (Abbey, Bonnet, Jordan). (hold/
- 11830 UKRAINIAN SSR Kiev-RMWS: 1700-1800 EG Wld nx, tlk on disarmament (Weinhold)
- 11835 URUGUAY R El Espectador: 0027-0131 2-time pips @ 0030, into pop ax; ID @ 0100, SP nx, annts by V, LAM ax. F (Buer-FL, Stephany-NY, Moman).
- 11840 GUAM KTWR: 0815-0915 EG "Wesleyan Hour", "Through the Bible", "Dateline Guam"; gospel mx. VG (Polchlopek 1/28).
- 11850 EUROPEAN RSFSR Tula-RMWS: 1700 EG Wld nx (Weinhold 1/16).
- 11850 NORWAY RN: *1956-2013 IS, ID, annts in EG/NW, into EG nx to Europe & LAM, in depth rpt on North-Sea oil production (D'Angelo 1/2).
- 11855 CZECHOSLOVAKIA R Prague: 0734-0800 EG M w/end of nx, W ancr w/ID, "Press Review", beer hall mx; G to Asia/Aus/NZ (Jordan 1/29).
- 11855 SAUDI ARABIA BSKSA: 1848 EG M w/wx, ID @ 1850, "Enjoying ax" pgm featuring Beethoven. QRM by RMWS @ 1900 de 11860 (Hosmer-MI 1/11).
- 11865 BRAZIL R Clube de Pernambuco: 0035-0057 PT ad, Bras. ax, TC's, covered by DW S/on @ 0057. P (Vance-W. Germany 1/9).
- 11870 LIBERIA ELWA: 2115-2121* EG "Sack to the Bible"; ID. G (Wood-S. Arabia).
- 11880 NORTH KOREA Pyongyang: 1601 EG nx, //9977. F (Zilmer 2/1).
- 11880 SPAIN SFR: 0036 EG Wld nx, "Sports Roundup"; cntry, DX pgm (Krist-VA).
- 15045 GREEKADA RFG: 2130-0008 EG community annts, Caribbean pop ax, ag nx, ads, PSA's, ID's (Sobkoviak, Witzig, Mansley, Reid, Moman).
- 15050 GREECE VoGt: *1500-1520 IS, NA, GK ID, sked & Wld nx (Rigas-IL 1/12).



LOG REPORT

section E

17700 and above

Editor: Brett Saylor, P.O. Box 10, Whitehall, PA 18062

- 17705 NEW ZEALAND RNZ: 0538-0548 EG, softball play-by-play, sports scores (Bragg 1/28)
- 17715 SINGAPORE BBC relay; *2356-0020 EG, IS, s/on ancnts incl site ID by W, world svs
nx; fair (D'Angelo 1/23, Gorichanas)
- 17730 USA VOA Bethany: 0030 special EG, "Words and Their Story" (Fraser 1/9)
- 17730 VATICAN STATE Vatican Radio: 1600 EG, religious nx; fair (Zilner 2/3)
- 17740 SAUDI ARABIA BSKSA: *1400 Urdu, ID, march, nx; good (Wood-Saudi Arabia 1/26)
- 17745 GREECE ERT: *1400 GK to Arabia, Indian Ocean, anthem, ID, nx; severely mixed w/
Bucharest 17744 in AR; first in-band new freq after ERT was entirely out-of-band
and a disastrous choice; poor (Wood 1/16)
- 17795 JAPAN RJ: *0300 EG, severe QRN, nx; slow fading, fair signal strength, buried by
noise by 0310 (Stanley-Arizona 1/18)
- 17760 CUBA RH: 2245 SP, "La Canción" pgs.//17705; good (Wood) 0540 SP, nx, tlk, ID @
0542; fair-good, better than //17705 (Buer-Florida 2/5)
- 17765 BRAZIL R Nacional: 0155-0200 lang?, spur of IS 65 KHz down from fund 17830; spur
also hrd 65 KHz up at 17895; both distorted (Buer 1/30)
- 17775 FRANCE RFI: *1624-1700* FR, ax pgs, QRM (Robinson 1/16) (Bonnet 1/29)
- 17785 USA VOA via Greenville: 2030-2100 EG, sx pgs, a change of pace w/ no politics
- 17795 CHINA RP: 0100 SP, nx by N, poor (Gorichanas 1/9)
- 17795 WEST GERMANY DW: 2156 GM, ancnts, station ID (Karns 1/30)
- 17795 AUSTRALIA RA: 1238 EG, nx on Austrl-Indo relations, gas drilling (Polchlopek 1/19)
0000 EG, world & Austrl nx, Four Corners pgs, good; //21740 good (Reid-Ont 1/27)
- 17820 PHILIPPINES VOA-Poro: 2323 EG, feature on radiotelescopes, nx in spl EG (Purdum 2/3)
- 17820 CANADA RCI: 1547-1658* EG, sports, nx pgs, exc (Hensley 2/1, Krist)
- 17825 JAPAN RJ: 0025 EG, nx, pgs ancnts, fair (Gorichanas 1/9)
- 17825 ECUADOR RCJB: 2140 EG, "DX Party Line" rcvr report (E Hoffmann 1/24)
- 17830 BRAZIL R Nacional: 0205-0256* EG, sx, tlk on economy, chemicals, fertilizers (Bonnet)
- 17830 CANADA RCI Afr Svc: 1815, 1900, 2000 EG, sx show, Canada This Week (Dill 1/8)
- 17830 UNITED KINGDOM BBC: 1730 EG, Listening Post w/ amateur disc, antennas, etc (Hoffmann)
- 17845 USA WYFR: 1730-1800 GM, rel singing, sermon in EG @ 1750 (Bonnet 1/16)
- 17850 SWITZERLAND SRI: 1826-1843 EG, "Shortwave Merry-Go-Round", Swiss polkas (Bolland)
- 17870 USSR R Vilnius via Khabarovsk: 2325 EG, "Musical Panoramas"; good (McKellar 1/28)
(Samuel 1/19) R Kiev: 0030 EG, political cnty, sports, Ukrain folk sx (Gorichanas)
- 17875 CANADA RCI: 1935 FR, pop ax, fair (McKellar 1/9) *2129-2158* EG, nx, "SWL Digest",
incl ANARC equipment rpt and Glenn Hausers DX nx (Krist, VA 1/15) (Polchlopek 2/2)
- 17875 INDIA All India Radio: 1038-1045 EG, "Book Review", sx played on sitar & tabla, g
- 17880n CUBA RH: 1646-1655 SP, ID, songs; poor under Portugal open carrier (Buer 1/16)
- 17915 BELGIUM BRT: 1400-1430 EG, pop ax, tlk on social security (Thunberg 1/14)
- 17940 CLANDESTINE (Libya) Voice of the Sudanese Popular Revolution; 1419-1727* AR, pol tlk
and AR sx, clear ID's, nx; very good (D'Angelo 1/23, Mellberg)
- 21465 EAST GERMANY RFI: *1515-1556* EG, nx, "Youth Magazine"; fair (Krist 1/23)
- 21470 ASCENSTON ISLANDS BBC: 1631 EG, "Letter from America", sx; very good (Krist 1/23)
- 21475 FINLAND RF: 1300-1325*, 1419 EG, "Northern Lights", "Compass North" pgs (Krist,
Thunberg)
- 21477.5 ECUADOR RCJB: 2130-2159 EG, "DX Party Line"; good (Krist 1/10)
- 21480 MADAGASCAR R Nederland: 1230 IN, ID, prob nx by M (Polchlopek 1/19)
- 21490 ASCENSTON ISLANDS VOA relay: 1000 PT, nx to Brasil, mixed w/ORF; fair (Wood 1/25)
- 21505 CZECHOSLOVAKIA RP: 1530 EG, nx, cnty, local ax.//17840, 15110, 11990; poor (Zilner)
- 21520 SWITZERLAND ICRE Geneva: 1000 EG, Red Cross nx, features, wrongly ano'd as "this
pgs is coming to you from Geneva on 7210 KHz"; good (Wood 1/25)
- 21555 SWEDEN RS: 1401-1413 SW, USB, prob nx w/ ant of Gdansk; could net hear ID clearly
but hrd ants of "Sverige", into tlk (Gliksmen)
- 21565 FINLAND RF: 1527 FN, EG ID, nx in Finnish; good (Zilner 2/2)
- 21565 USSR RM: 2230 EG, pgs on electronic sx, severe QRN; fair (Stanley-AZ 1/15)
- 21570 SWITZERLAND SRI: 1817-1839 EG, nx, "SW M-G-R", faded out @ 1837; fair-poor (Bolland 1/8)
- 21580 FRANCE RFI: 1605 EG, "Paris Calling Afr", ax (Fraser 1/15)
- 21595 FRANCE RFI: 1630-1700 FR, nice vocal sx, cnty; good (Bonnet 2/8)
- 21600 RWANDA DW relay: 2145-2151 GM, sx, ID @ 2150 (Dickson 1/21)
- 21615 AUSTRIA ORF: 1240 EG, "Shortwave Panorama" pgs, ax to 1255* of EG svc (Hosner 1/9)
- 21615 SWEDEN RS: *1400-1430 EG, pgs on a (!) porno symphony w/ extracts (Thunberg 1/15)
- 21620 FRANCE RFI: *1600-1655* EG, "PCA", covered by WYFR @1630; //15300 (Thunberg, Jordan)

21645 FRANCE RFI; 1615-1630 FR, vocal mx.//17775,21595 best (Bonnet 2/8)
 21655 UNITED ARAB EMIRATES UAE Radio; 1630 EG, world nx, vx, into AR 1643 (Thunberg)
 21710 UK BBC; 1530-1600 EG, racing, book review (Bonnet 1/29, Fraser)
 21725 NORWAY RN; 1555-1605 EG, ID in NO/EG, nx of Norway, //25730,25615 (Purdum 1/9)
 21740 USSR RM via Chita; 1329-1430 EG, nx, electronic mx show, poor (Purdum, Cobb)
 21740 AUSTRALIA RA; 0200 EG, nx, tlk on horse racing & breeding; exc (Stanley 1/20)
 21790* SOUTH AFRICA R RSA; 1510 EG, entry on cricket (Hpsner 1/13) sure this isn't 25790?
 25650 UK BBC; 1328-1435 EG, "Network UK", "R NxReel", "Concert Hall" pgs (Krist 1/15)
 25790 SOUTH AFRICA R RSA; 1430 EG, "This is S Afr" pgs on coal mining (Fraser 1/9)
 25950 FINLAND RF; 1400 EG, "Northern Rpt"; poor (Fraser 1/18)
 26040 USA VOA; 1430 EG, tribute to M.L.King rd by Willie Stargell, nx (Krist 1/23)

***** 73's for nov. *BD*

WANTED: Operator manual and schematic for a Hallicrafters S-129 receiver. I will gladly pay copying expenses. Albert S. Ilgenfritz, 6 Brittony Square, Cincinnati, OH 45245. Phone (513) 752-3318.

FOR SALE: M.B.A. Ro Morse/Baudot/Ascii reader. Three months old and in mint condition. Thirty-two characters for easy high-speed copy. Included are AC adaptor, manual, and World Press Frequencies book. Price \$230.00 including shipping. Cashiers Check or Money Order only. Elaine Hill, Route 2, Box 201 Skyland Drive, Clinton, SC 29325.

FOR SALE: Kenwood R-1000 with D.C. adapter. Price \$340.00. Ed Marriner, 528 Cotima Street, La Jolla, CA 92037. Phone (619) 459-5527.

FOR SALE: Yaesu FRG-7000, 1 year 4 months old and in mint condition. Price \$405.00 including shipping. ALSO: Bearcat 210 Scanner in mint condition. Price \$200.00 including shipping. Oavid Hagen, Box 104 Selke Hall, Dickinson State College, Dickinson, ND 58601. Phone (701) 227-2852 from 0100 to 0600 GMT.

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Washington Area DX Association
(WADXA)

Association of North American
Radio Clubs

606 Forest Glen
Silver Spring, Maryland 20901

ON JULY 15, 1983 WASHINGTON, D.C., PLAYS HOST TO A UNIQUE GATHERING OF INTERNATIONAL COMMUNICATORS. FROM ALL OVER THE UNITED STATES AND CANADA, AND FROM MANY FOREIGN COUNTRIES, PEOPLE, WHO ENJOY THE HOBBY OF RADIO LISTENING WILL MEET IN THE NATION'S CAPITAL FOR THE 19TH ANNUAL CONVENTION OF THE ASSOCIATION OF NORTH AMERICAN RADIO CLUBS (ANARC). IT'S CALLED ANARC '83, AND IT WILL BRING TOGETHER MANY OF THE BEST KNOWN INTERNATIONAL BROADCASTERS, AND THE LISTENERS WHO TUNE THE SHORTWAVE BANDS EVERY DAY WITH THE AIM OF DEEPENING THEIR UNDERSTANDING OF THE WORLD.

SHORTWAVE RADIO LISTENERS (SWL'S OR DX'ERS) ARE AN IMPORTANT PART OF A GROWING NETWORK OF INTERNATIONAL COMMUNICATION. THEY ARE OFTEN THE BEST INFORMED MEMBERS OF THEIR COMMUNITY, WITH DIRECT ACCESS TO NEWS FROM OTHER COUNTRIES. IN FACT, THEY OFTEN MAKE THE NEWS BY INFORMING THE MEDIA ABOUT BREAKING DEVELOPMENTS. SWL'S ARE TUNED TO THE RADIO-PROPAGANDA WARS IN TIME OF CONFLICT BETWEEN NATIONS. WORD OF EARTHQUAKES IN SUCH PLACES AS CENTRAL AMERICA AND ASIA HAS COME FIRST FROM PEOPLE, WHO WHILE LISTENING TO RADIO FOR ENJOYMENT, FIND THEMSELVES IN DIRECT TOUCH WITH MAJOR EVENTS.

THE ANARC CONVENTION IS THE LARGEST EVENT FOR SHORTWAVE RADIO LISTENERS IN THE WESTERN HEMISPHERE. WITH THE INCREASING INTEREST OF RADIO MANUFACTURERS IN THE MULTI-BAND RADIO MARKET, THE HOBBY HAS GROWN BY LEAPS AND BOUNDS OVER THE PAST 5 YEARS. RADIOS USING THE LATEST IN MICROPROCESSOR TECHNOLOGY HAVE LITERALLY PUT THE WORLD AT OUR FINGERTIPS. BUT ANARC IS DEVOTED NOT ONLY TO SHORTWAVE, BUT ALSO TO PEOPLE WHO ENJOY LISTENING TO THE AM BROADCAST BAND (540-1600 KHz), OR THE LONGWAVE BAND (BELOW THE CAR RADIO'S TUNING RANGE), OR THE VERY HIGH FREQUENCIES OF THE RADIO SPECTRUM (VHF AND UHF).

IN PREVIOUS YEARS, ANARC CONVENTIONS HAVE BEEN HELD IN MONTREAL, CHICAGO, MINNEAPOLIS, AND PASADENA. FOR 1983, IT'S WASHINGTON, D.C. THERE WILL BE A NUMBER OF MAJOR SPEAKERS, SEMINARS ON TOPICS RANGING FROM WORLD NEWS COVERAGE TO SATELLITE TECHNOLOGY, AND EXHIBITS BY RADIO COMPANIES AND DISTRIBUTORS. AS ALWAYS, MEMBERS OF THE ACADEMIC COMMUNITY INVOLVED IN THE STUDY OF WORLD COMMUNICATION AND INTERNATIONAL BROADCASTING IN PARTICULAR WILL BE ATTENDING.

WE AT THE WASHINGTON AREA DX ASSOCIATION ARE SPONSORING THE 1983 ANARCON. PLEASE JOIN US AT THE WESTPARK HOTEL, ROSSLYN, VIRGINIA FROM JULY 15-17.

THANKS: I. Bittle, Tom Laskowski, Sheryl Paszkiewicz, Joel Rubin, Gerhard Werdin, Elaine Bob Fraser, Len Davidson, E. Southwell, Rim Danaitis, Paul Choroszy, Pierre Ducos, Don
ates, Kevin Mikell, Dave Walcutt, Kirk Allen, and Dale Park.

D WINNERS: Chatterton (127, 129, 130); Sleepie Willie (160); T. Klasek (120, 121, 124, 137, 138,
1, 147, 159); Hukilli (150, 161); Huntwell (122); Spremo (125, 145, 146, 166); Kapinos (131, 132,
51, 168); Luckman (133); Melton (142, 143, 144); Hassman (155); Hunt (136); Petrov (140); Bishop
; Plum (157); Paszkiewicz (167) and Blom (148).

D ITEMS: #291: RCI (Canada) large m/c poster. #292: 4MK (Australia) "Stay Alive" sticker (2.5x
5). #293: Radio Budapest (Hungary) key chain, black, silver. #294: Radio Mount Blanc (France)
er (2.5x5") white, blue, yellow. #295: "55 Country" 2 tone brown plastic coasters-nice!!
Bayerischer Rundfunk (Germany) sticker (4"cir) blue, B&W. #297: KTZO-TV iron-on patch (2x3")
#298: Voice of Free China (Taiwan) key chain, m/c-beauty! #299: RTE Radio 2 (Ireland) red
1. #300: WPIX B&W station pen-sharp! #301: KMJK B&W station pen-sharp! #302: 4GG (Austra-
yellow container with toothbrush and toothpaste - great item! #303: RTE Radio 2 gold
station pen. #304: Radio Moscow (USSR) 1979 "50th Anniversary Commemorative postage stamp
#305: ABC (Australia) 1982 "50th anniversary commemorative postage stamp" m/c. #306: CKLM
a & brown station pen. #307: Cleveland Area Cable TV cloth arm patch (2.5"cir) blue & W.
Radio Vatican cassette tape of Massary by John Paul II-very nice gift! #309: 4GG (Aust-
sticker "Boat Safety" (6.5"cir) m/c-beautiful! #310: 4FFF Radio Freedom (New Zealand)
er (3x6") red, white, blue-pirate station! #311: WZZO metal license plate (6x12") m/c. #312:
Ecuador) paper pennant (4x9") black, yellow. #313: Radio Peking (China) pin, red, white, blue.
Radio Peking pin, blue, white. #315: HCJB station pin, silver, black-nice! #316: WME plas-
tone brown litter bag-large! #317: WDR Radio (Germany) large station poster, m/c. #318:
duke 4 (UK) large station poster, m/c-very nice! #319: WPEZ heavy metal gold colored
backle-useful! #320: WITL heavy metal gold colored belt buckle! #321: RIAS (West Berlin)
station poster, m/c. #322: 2CH (Australia) T-Shirt (M) red, black, yellow. #323: 2CH T-Shirt
ave a child in your family? red, black, yellow. #324: 2CH key chain, m/c-really good look-
#325: 2CH sticker (2x9") m/c. #326: Mittelwellen DX Club (Germany) sticker (4"cir) m/c.
Radio Discoteca (Italy) "Erotic Art" sticker (4"cir) m/c. #328: Radio Panda (Italy) sticker
r) 2 color. #329: World Music Radio (Italy) sticker 2 different! red, blue. #330: WINK metal ge-
se plate (6x12") m/c. #331: WKZO metal license plate (6x12") yellow, blue. #332: Radio Buch-
(Romania) station pin (1"cir) m/c-sharp! #333: Radio Bucharest key chain, m/c-beautiful!!
Radio Bucharest cloth pennant (4.5x7") white, orange. #335: Voice of Free China date/day
type pocket calendar-very nice! #336: Radio Scotland pirate paper banner (3x12") blue,
. #337: Radio Essex (UK) pirate paper banner (2x18") orange, black-oid! #338: KIPA (Hawaii)
er (3x12") red, yellow-very nice! #339: KHJ "Cowboy" metal badge (1.5"cir) blue, white. #340:
T-Shirt (S-M) m/c-really nice! #341: KRLA key chain, blue, yellow. #342: WMR key chain
silver. #343: Radio Sweden cloth pennant (4x9") blue, yellow. #344: Radio Sweden paper
nt (4x9") blue, yellow. #345: Radio Sweden International paper pennant (4x9") blue, yellow.
oice of America First Day Cover with VOA stamp "25th Anniversary"-very beautiful!
ETRA (Mexico) sticker, m/c. #348: Radio Polonia metal pin, red, white, silver. #349: Radio
ia 4 different color sticker stamps. #350: WINK sticker (4x8.5") m/c. #351: Radio Sweden
(12x17") m/c-nice! #352: BBC-WS metal badge (1.5"cir) red, white, blue. #353: 3KZ (Austra-
art) shaped sticker, m/c. #354: Radio City 299 (Euro Pirate) sticker (3x8") B&W. #355: Radio
el de Espana very large m/c "World Cup" soccer poster-georgous! #356: 4GG (Australia)
ie" metal badge (2"cir) red, white. #357: Metro Radio (UK) metal badge (2"cir) m/c. #358: WDR
FRG) station pen, blue, black. #359: Radio Peking "Mt. Village" paper pennant (5.5x10.5")
ry colorful!... Hope there is something here for you!

CT SALE ITEMS: The following stickers/decals are now available for \$.25 each or any
\$1.00.. (Minimum order of \$3.00 please). New since last issue: KCEE, WNC0 (mint), WEZX,
ZZO (large), WZZO (small), Metro Radio, KVET, WSRD, WGCH, WIF1, WLUP (large), WLUP (cir.), WZZD,
Following are also available: CPOC, KGB, KISA, KNOW, KLOL, Radio Beejay, XRT, WSTU, WEZE, KGO,
ini), KMET, PCH, KWK, KTYD, WERE, WME, WSSY, WHK, WGCL, WRCC, WMET, WGLB, KBOI, Radio RSA, KOKE
, KOKE (yellow), WLR5, WDOM, KCUZ, RST, RTXQ, Radio Budapest, KPIP, KL RZ, KEX, Radio Extor
ana, KCOL, KJR, CKLG, WCMF, 1ZB, ORF, 6KY, 6WF, 4GG, CKNW, WJVA, CFAX, WLPX, KBDF, WMMR, WIRE, KHFI,
PLR, WWSH, WHAL, WCFL (large), WCFL (small), KROY, WDET (large) and WDET (small)... We also
different from WPLJ!

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

AL DIRECT SALE ITEMS: The following items are available at the quoted prices: Radio
bookmarkers \$.25; WMMR book covers at \$.25; WEMP iron-on T-Shirt decals \$.25; CBC
est Ontario heavy plastic litter bags at \$.50; WNON ice scrapers at \$.50; 2GB (Aust-
station ballon at \$.25; KLOS station ballons at \$.50; KBOI paper hat at \$.75;
llowing metal station badges are \$.50 each: KZAM, Radio Forth, CFTR "Blues Brothers",
Radio City-194, WMMR, WMET and WLUP.

llowing B&W mini-posters are \$.25 each: Radio Nord, Radio London, Radio Caroline, SUV,
Fl Rose, Voice of Syncron, Radio West, Radio Duomo (car) and Radio Duomo (woman).

AL BID ITEMS: We have @ 200 illustrated pages of additional one-of-a-kind bid items
o numerous to mention in our monthly column. If you would like to see and bid on a
lected pages send a SASE to the above address. The 6 HAP Chapters that we support
our assistance. Please help us out by supporting this column.... Sam.

LOG

FRENDX

REPORTERS

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

Welcome to the March '83 issue of FRENDX, and thanks to the following sixty-nine members for their contributions:

Leonard Abbey, Atlanta, GA (DX-302); Brian Alexander, Mechanicsburg, PA; William Bainbridge, Fairmont, WV (DX300); Jeff Biller, East Brunswick, NJ (DX-160, FRG7700mod); Charles Boland, Lakeworth, FL (Icom R-70, FRG7000); Arthur Bonnet, West Lafayette, IL (DX-302); Chuck Bragg, Temple City, CA (HQ-180A, R-2000); Paul Buer, Miami, FL (SPR-4/FS-4); Leslie Byron, Philadelphia, PA; Richard Cassidy, Logansport, IN (R-1000); James Clifford, Augsburg, West Germany (FRG-7); Ken Cobb, Portland, ME (RF4900, RF2800); Larry Cunningham, Columbus, OH; Richard D'Angelo, Wyomissing, PA; Richard Dickson, Loveland, OH (DX-302); Barbara Ann Dill, Saint Marys, PA (RF2200); Marlin A. Field, Hillside, MI (SPR-4, SX-100); John Fisher, Chelmsford, MA (GPR-90); Bob Fraser, Cohasset, MA (XCR-30); Paul Glistler, Raleigh, NC (IC-R70, ICF-2001); Sholom Gliksmann, Chicago, IL (R-4C); Jim Gorchanaz, Greenfield, WI (DX-302); Norman Grosvenor, Hollywood, CA (FRG-7); Michael Hawk, Hampton, VA (GE World Monitor II, XER-30, DX150B); Baxter Hensley, El Paso, TX (FRG-7mod, SX-190); Emmett Hoffman, St. Louis, MO (Collins 51S-1, Galaxy R1530); Don Hosmer, Dearborn, MI (RF3100, ICF-2001); Ron Howard, Santa Barbara, CA (SB-310); Hans Johnson, Austin, TX; Rufus Jordan, Pittsburgh, PA (DX302, Zenith Transoceanic); Sherman Karns, Yukon, OK (DX-100); Kraig Krist, Falls Church, VA (FRG7700); Chris Lobdell, Stoneham, MA (FRG7000, HQ-180AX); Rick Lucas, Stockton, CA (R-1000); Lyle Mahlberg, Duluth, MN; Bill Mayer, Allentown, PA (DX-200); John McKeller, Pullman, WA (DX-160); Fritz Mellberg, Hawarden, IA (R-1000, RF2900); Kevin Mikell, Park Ridge, IL (RF4800, RF2200); Dor Moman, Edmonton, Alberta (R-7, FRG700mod, IC-R70); Sheryl Paszkiewicz, Manitowoc, WI (DX-302); Mark Pettifor, Avon Park, FL (DX-302); Joe Polchlopek, Misawa, Japan (DR49, RF4900); Gene Purdum, East Lansing, MI (FRG7700mod); Bob Rankin, Lawrence, KS (R7, FRG7000); Andy Reid, Peterborough, Ontario (S-53A, DX-60); Christos Rigas, Chicago, IL (VEF 206); Lin Robertson, San Diego, CA (R390A); Betsy Robinson, Clinton, TN (ICF-2001); Chris Samuel, Winnipeg, Manitoba (RF2800); Bryan Sharpe, Castro Valley, CA (DX-302, DX-60); Christopher Smith, Stratford, CT (R-1000); Todd Smith, Wilton, CT (Astro-15); Rob Sobkoviak, Plainfield, IL (DX-200); Trevoe Stanley, Flagstaff, AZ (CRF-320); Nolan Stephany, Williamson, NY (R392); Doug Strandberg, Seattle, WA (Icom 720A); Bob Thunberg, DuBois, PA (SSR-1); Jim Uerlings, Klamath Falls, OR (SPR-4); Dave Valko, Dunlop, PA (DX-160, FRG-7); Robert Vance, Bamberg, West Germany (FRG-7mod); Terry Weinhold, East Earl, PA (FRG-7, DX-160); John Wilkins, Wheat Ridge, CO (R-1000); Robert Wilkner, Ft. Lauderdale, FL (SW4A, FRG7700, IC-R70); Eric Witzig, Annandale, VA (R-1000); Richard E. Wood, Abha, Saudi Arabia (R-7, R-1000); Robert Zilmer, Rio Rancho, NM (R-1000, ICF5900W).

Remember, the deadline for contributions is the twelfth of the month. Please use NASWA log report forms or a facsimile, and please remember to cut your contributions into individual slips. Don't forget to include your signature slip.

Until next month, 73's and good DX,

Nick

45 Wildflower Road

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

Update: Besides 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:

North America (First Class).....	\$4.00
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Sample copies of FRENEX and UPDATE are available for \$1.00 in N.A.	
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