

FRENDX

FOR SALE: Hallicrafters WR-600 in excellent condition, \$75 or best offer. Realistic Patrolman 9 in excellent condition except for damaged whip antenna, \$75 or best offer. Harvey Pearson, Box 104, Greencastle, MO 63544.

FOR SALE: Allied SX-190 with matching speaker, 12VDC auto lighter adaptor, owner's and service manuals. This unit formerly graced Radio West's display shelf and has been maintained very well. All for \$200, I pay shipping. Lin Robertson, 1066 Turquoise #8, San Diego, CA 92109 or (714) 488-4378.

FOR SALE: Panasonic RF-4900 in perfect condition, \$300 plus UPS. Palomar VLF converter 10-500 kHz, \$40 plus UPS. Palomar Amplified Loop (Model LA-1) and two loop antennas for Broadcast Band and Long Wave, package deal for \$110 plus UPS. If anyone is interested in all of the above items, a package price can be worked out. Bill Coleman, Jr., 114 Circle Drive, Rocky Mount, NC 27801 or (919) 443-3551 from 11:00 pm to 04:00 am.

WANTED: Good working SW radio no more than 3 years old. Would prefer digital readout or well-calibrated dial type. No portables. Send price and details to W.W. Campbell Astronomical Society, 211 West Jackson Street, Postoria, OH 44830. Send letter in care of Director.

FOR SALE: DX-300 in excellent condition, bug-free, \$275. Price includes full service manual and UPS shipping. Carl Mann, 5777 Ridgeview Drive SW, Cedar Rapids, IA 52404.

FOR SALE: Heathkit SB-313 with speaker. Built by owner and in very good condition. Best offer. James C. Hartung, 601 Rowe Drive, Aberdeen, MD 21001.

FOR SALE: UHER REPORT-S 4000 reel-to-reel portable tape recorder. Up to 8 hours on one 5 1/2" reel! Four speeds, flywheel, VU meter, mike/stand, all plugs and cables, and heavy leather case. Voltage supply for U.S. and 3 foreign voltages. Price \$145. John Benecki, RD 1 Box 265, Langhorne, PA 19047.

FOR SALE: Hammarlund HQ-180A. A classic, top notch receiver with new Torrington digital frequency readout. New tubes, aligned with original manual. Mint condition. Price \$500 Canadian or best offer. Mr. Lynn Hilborn, 352 Ridley Blvd., Toronto, Ontario, Canada M3H 1L4 or (416) 633-6608.

FOR SALE: Panasonic RF-2600 portable SW/MW/FM receiver practically brand new. Price \$155 including UPS. Also a Data Signal FMS3 crystal calibrator, 7 marker intervals starting at 5 kHz, \$30. An Autek QF-1 filter, \$35. My veteran friend, a DX-150B, \$50. All items prepaid. Bob McCoy, P.O. Box 81863, Lincoln, NE 68501 or (402) 488-4981 after 0100 GMT.

FOR SALE: Realistic DX-160 with matching speaker and manual, \$89 including shipping and insurance. Larry Abraham, 3839 Sherman, Bridgeport, MI 48722.

FOR SALE: Realistic DX-300 in original carton with manual. Mint condition, no trouble with this rig. Price \$295 UPS prepaid. Ted Bart, 217 Summit Street, Butler, PA or (412) 282-2716 from 0100 to 0400 GMT.

FOR SALE: Panasonic RF-4800, Gilfer modified, in original carton. Like new, \$325 plus shipping. Also a Yaesu FRG-7000, Gilfer modified, in mint condition, \$450 plus shipping with original carton. All service and operation manuals included. Don Dickey, 9130 12th Avenue South, Minneapolis, MN 55420.

FOR SALE: Realistic DX-300, six months old and in excellent condition, \$200 or best offer. Will ship free in original box. David J. Saali, Jr., 725 Teson Road, Hazelwood, MO 63042. When writing, please include your phone number.

FOR SALE: Yaesu FRG-7000-424 only ten months old. Gilfer modified with 4.0 and 2.4 kHz filters, improved noise limiter and provision for operation from 13-15 volts DC. Manual and original carton included. Price \$510, UPS prepaid and insured. Fritz Apollon, 3412 Englemeade Road, Baltimore, MD 21208 or (301) 653-0212 from 0130 to 0430 GMT.

FOR SALE: Collins R-390A in mint condition with spare set of tubes, \$550. Pick up or you pay shipping. Bob Hughes, 2302 Briar Grove Ct., Richmond, VA 23233.

NOTICE PLEASE. NO COLLECT CALLS ON THESE ITEMS.

NOTICE PLEASE....NO COLLECT CALLS!!!

WANTED: SX-190 from Allied or Radio Shack. Lawrence Albert, P.O. Box 5394, Fort Wayne, IN 46895.

FOR SALE: Heathkit SW717 receiver in excellent condition with manual and original carton. Perfect for the beginner. Price \$80.00 including shipping. Dave Azose, 6210 51st Place, S., Seattle, WA 98118. Phone (206) 725-7218, not collect, please

WANTED: Hallicrafters S38E. Must be "E" Model and in working order. Will pay reasonable price if you have the radio I want. Call Bill Krause collect at (612) 427-6636 between 0100-0500 GMT 6-11 pm CST.

FOR SALE: MFJ Econo Tuner, 1 year old. In mint condition , perfect mechanically and electrically. Price \$25.00. Al Leary, 67 Eber Avenue, Akron, OH 44305. Phone (216) 376-2402, not collect.

WANTED: Information from any NASWA members who have used either a Radio West or a Palomar Loop Antenna for the tropical bands. Your opinions, please. Fred S. Kohlbrenner, 1832 South 68th Street, Philadelphia, PA 19142.

FOR SALE: Panasonic RF-4800 with manuals in excellent condition. Price \$300.00. Also a Drake TR4 amateur transceiver with MS4 power supply and Shore 444 mike. All new tubes. Price \$425.00. I'll pay shipping. Tom Warrenburg, RT #3, Box 625, Delavan, WI 53115. Phone (414) 728-3048 from 2200 to 0500 GMT.

WANTED: One cassette recording of ETLF, The Voice of the Gospel, Addis Ababa, Ethiopia. Recording should be of interval signal and English broadcast. Rob Harrington, 3181 South York Street, Englewood, CO 80110.

WANTED: Drake FS-4 frequency synthesizer. I am also looking for a Drake R-4 series receiver. Jim Davis, P.O. Box 282, Davis, CA 95617.

FOR SALE: DX-160 receiver, 3 years old. In excellent condition with factory manual. Shipped postpaid to you for \$80.00. Frank Wheeler, 415 East Farmer, Andover, KS 67002.

FOR SALE: Phillips Continental 420 reel-to-reel recorder with 3 speeds and many other features and is in mint condition. Price \$80.00, you pay shipping. I will include several reels and recording tape. Also Panasonic cassette recorder with many features and in mint condition. Price \$35.00, you pay shipping. Also a Realistic 24-hour timer with 15 minute minimum on time. Catalog price is \$19.95 but I'll sell for \$14.00, you pay shipping. This timer comes with original box and instructions and was hardly used. Reason for selling: student needs cash for books. Write and make offer to Michael Walker, P.O. Box 332, West Lorne, Ontario, Canada N0L 2P0.

WANTED: Information on how to connect a Heath QF-1 Q-Multiplier to a Hammarlund SP600. Roger Derooy, Pine Meadow Drive, North Berwick, ME 03906.

FOR SALE: Kenwood R-300 receiver in mint condition. Price \$195.00 includes UPS shipping. Pete Gonciarz, 17 Queens Drive, Cheektowaga, NY 14225. Phone (716) 634-4208, not collect, please.

FOR SALE: Panasonic RF-2800 in good condition, used only 9 months. Price \$150.00.

WANTED: Drake AL-4 loop antenna for SFR-4. Bill Quinn, Apt. B-3, 3280 Reservoir Oval east, Bronx, NY 10467. Phone (212) 798-6674, not collect, please.

FOR SALE: XCR-30, Mark II, very good condition. Has Radio West selectivity modification and original carton. Shipped insured, price \$100.00. Also Palomar amplifier and loop antenna plug-in for 160-80 meters. Like new. Price \$80.00, I pay shipping. Al Flotnick, 77 Woodlawn Street, Hamden, CT 06517.

FOR SALE: FRG-7, 2 1/2 years old, in excellent condition. Gilfer modified with 4 KHz filter. Also 2.7 Collins mechanical filter controlled by front panel switch. Original fine tuning control. Best offer. John M. Gramarossa, 2720 N. Moody Avenue, Chicago, IL 60639.

FOR SALE: National NC-2-40CS Communications Receiver, .9-31 MHz coverage. 1946 vintage with rack mount case. Very good condition, new tubes, recently aligned. Instruction manual included. Price \$90 plus shipping. WANTED: Instruction manual or copy for Hallicrafters SX-100 receiver. Baron Von Thoma, 6048 Meteor Avenue, Toledo, OH 43623 or (419) 475-6464.

FOR SALE: Joystick antenna and Joymatch passive tuner combination made by Partridge Electronics of England. Suitable for indoor or outdoor use. Antenna is in 3 aluminum threaded sections making a total length of 7'6". Frequency range from 1750 kHz to 32 MHz. Price \$35 UPS paid. H.F. Vickerson, 450 Westwind, 3301 U.S. Alternate 19 North, Dunedin, FL 33528 or (813) 785-1613.

WANTED: Opinions and comments on Radio West's modified ICF-5900W. I am considering buying one of these for travel and wish to know what other owners think about this receiver. ALSO WANTED: I am looking for information on modifications and suggestions for the Trio-Kenwood R-1000 other than the ones offered by the factory. Zack Schindler, 113 West Barrett, Madison Heights, MI 48071

NASWA

A REPORT FROM
HEADQUARTERS

NORTH AMERICAN SHORT WAVE ASSOCIATION POST OFFICE BOX 13 LIBERTY, INDIANA 47353 U.S.A.

APRIL, 1981

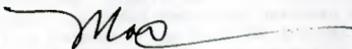
THIS MONTHS COVER: FRENDX Publisher Bill Oliver has departed from the usual FRENDX cover format for this months issue to allow him some much needed space to dispose of a back log of Helping Hand items which he wants to announce.

On the subject of Helping Hand items, we again mention for the benefit of our newer members that the Helping Hand items which appear in FRENDX are free listings of items for sale, or items wanted by the membership. Items submitted should be sent direct to our publisher, and must be directly related to the SW hobby. No CB's, stereos, ham equipment and the like will be considered. Items submitted should not be more than three or four lines in length, and will be published only as space permits. We cannot guarantee items can appear in specific issues. FRENDX accepts no paid advertising whatsoever.

ROLL CALL PAGE DISCONTINUED: We have temporarily discontinued the monthly Roll Call page which has appeared on the inside front cover for the past few years. We are not sure that too many are interested in our monthly listing of new members, and since we need the space to expand some of our other features, it was dropped after the February issue. Perhaps Roll Call may return sometime in the future.

SOME ITEMS OF LOCAL INTEREST: The Minnesota DX Club (MDXC) is a club for active SWL's and DXers in the Twin Cities area. Mike Dayen, MDXC President says they are the oldest of existing locals clubs of this kind in North America, and that friendly informal meetings are held monthly. They invite interested persons in the Minneapolis-St. Paul and surrounding areas to send a SASE to MDXC, 5212 Drew Avenue, S., Minneapolis, MN 55410 for additional information.....Mike Reid, Awards Chairman for the Miami Valley DX Club (MVDXC), reports they have recently started an awards program. To encourage new members, they will send new members who join during April and May, a free copy of their awards booklet. Membership is \$4.00 U.S. per year and the address is MVDXC, 4666 Sarkhall Lane, Columbus, OH 43229.....Ozark Mountain DX Club (OMDC) is a new group getting started for persons in the Ozark Mountain area and are looking for other interested area persons to join them. Their dues are \$3.00 per year which includes their monthly news letter. For more information, write Ozark Mountain DX Club, Route 1, Box 390, Berryville, AR 72616.....The second annual East Central Club Association (ECCA) convention is being announced for July 4 & 5, 1981 in St. Louis, MO with the St. Louis International DX Club (SLIDX) as the host club. From advance information, quite an affair is being planned. Complete details on registration fees, hotel reservations, planned activities, etc., can be obtained by sending a SASE to ECCA 1981, 9720 Vickie Place, St. Louis, MO 63136.....Edward Kusalik, P.O. Box 1924, Taber, Alberta, Canada T0K 2G0 advises he is interested in organizing an area DX group of persons from the southern Alberta area for meetings, get-togethers and the like. Those interested in such a group can contact him at the address given, or call 403/223-2736 for further information.....Thomas D. Haskett, HAP Corresponding Secretary, advises the Handicapped Aid Program (HAP) is currently seeking SWLers who would like to be a "HAP Pal". A HAP Pal is one who corresponds and lends a helping hand to a handicapped DXer. For more information, please contact Thomas D. Haskett, 3831 Hendrick Place, Gary, IN 46408, or place a prepaid phone call to 219/981-2465.

NASWA MEMBERSHIP DIRECTORY - 1981 EDITION: We will be publishing the annual Membership Directory which will list the NASWA membership as of June 1, 1981 sometime in July or August. As in past years, we announce this in advance so all will know this is being published, and anyone who does not wish his/her name and address listed can notify us accordingly. Those who may have previously advised that they do not want to be listed need not tell us again since we already know who those persons are. We were pleased with the member response in last years edition, so feel this sort of information is worthy of publication.


M.R. Leonhardt
Executive Director - NASWA

shortwave

CENTER

APRIL 1981 EDITION

Big Cheese: John J. Moritz Jr., 4779 Pine Trace, Youngstown, Ohio 44515

DX PROGRAMS -- TREASURES OR TRASH?

Jerome S. Berg

As every shortwave broadcast enthusiast soon discovers, that old hobby regular known as the DX program comes in many shapes and sizes. About the only thing that all such programs have in common is their intended appeal to shortwave radio hobbyists. Beyond that there are many differences.

The best way to analyze the array of DX programs is to distinguish between those programs that offer "DX tips"--information on the times and frequencies on which different stations can be logged--and those that do not. Among those that do, further distinctions are possible based on the quality of the DX information presented. Some stations compile high quality DX information especially for the program, while others simply read tips from hobby publications. Most programs that offer DX tips also carry features that are of interest to radio hobbyists. To the serious DXer, however, it is usually the DX tips that determine a program's value.

Those programs that do not carry DX tips offer a variety of radio-oriented features, and these, too, vary greatly in quality. Some are of direct interest to shortwave hobbyists; others are of only tangential significance. Although these programs are sometimes of interest to the experienced DXer, they will more often appeal to the shortwave listener who is interested in improving his knowledge of the radio hobby in general.

Some DX programs are as long as a half-hour, while others may be only five minutes long (sometimes even less). Programs also vary in professionalism. Some are presented by persons who are experienced in the shortwave hobby; others are read by announcers with no special knowledge of shortwave.

Over the year, some DX programs have been discontinued. Old timers will remember one of the best of the DX programs, Radio Australia's "DXers Calling," along with the DX programs from Finland and Trans World Radio-Bonaire. Most recently the venerable BBC "World Radio Club" retired after thirteen years on the air, as did "World Music Radio DX World" after a short but successful run. The number of programs available is still large, however, and the programs tend to be broadcast at convenient hours, often on weekends, thus making it easier to tune in. How to know what is worth listening to and what can be skipped? Read on.

DX programs with DX tips: The Big Three. If you are a DXer, there are three programs that should be part of your regular listening.

"Sweden Calling DXers." Probably the elder statesman of all DX programs, "Sweden Calling DXers" has broadcast over 1,600 individual programs. Now edited and presented by George Wood, this twelve minute weekly program concentrates almost exclusively on shortwave station information sent in by as many as 75 contributors each week. There is a good mix of items on both large and small stations, and the editing has improved so that the occasional erroneous item of the past is now more carefully edited out and mistaken information corrected. Regular contributors can receive printed copies of the stations' DX bulletin containing the DX news that is broadcast over the air. Also presented in the program are brief items on DX clubs, hobby publications and station popularity polls. The content of the program, coupled with the strong signal that can be counted on now from Radio Sweden's 500 kw. transmitters, should make this program an easy and valued addition to your Tuesday (U.S.) listening.

Radio Canada International's "DX Digest." Hosted by well known international shortwave personality Ian MacFarland, "DX Digest" offers a varied fifteen to twenty minutes of station news and shortwave features. Station tips are contained in a fast moving, several minute segment produced and presented by Glenn Hauser. The information is usually accurate and up to the minute. This is the place to find out what new DX has developed over the past week. (Try to listen to the broadcast on Saturday at 2135 GMT, as the tips are

usually abbreviated to varying degrees in the program's other three airings.)

The features presented on "DX Digest" are of the type that will appeal to most shortwave fans. During the third program of the month, Patrick Humphreys, editor of the Finnish shortwave program publication "Voices," presents "What's On," a review of shortwave programs of special interest. There is also wide coverage of ANARC (Association of North American Radio Clubs) and HAP (Handicapped Aid Program) activities and interviews with radio personalities. Examples of other typical features presented in the recent past include a several part series on the BBC Monitoring Service, reviews of the Sony ICF-2001 and Yaesu FRG-7700 receivers, a report on the BBC relay station on Cyprus and a program on DXing in Asia. "DX Digest" is definitely a worthwhile weekend stop on the shortwave bands.

Radio Nedgerland's "DX Jukebox." Hosted by Jonathan Marks (formerly of the Austrian shortwave Service), the thirty minute "DX Jukebox" is indeed a high quality "weekly shortwave communications magazine," as it calls itself. Most editions contain between five and ten minutes of DX tips, generally of very good quality. The names of the presenters of the recorded DX news segments--experienced DXers Victor Goonetilleke of Sri Lanka, Arthur Cushen of New Zealand, Richard Glnbey of South Africa, John Campbell of England and Dan Robinson of Washington, D.C.--speak for themselves. Other recorded segments include Patrick Humphrey's "Voices on the Air." The program also offers many interviews and features, along with some good quality, original hobby humor. Heard recently were talks about Belgian pirate stations, a hospital radio station and new U.K. commercial stations, a review of a new Panasonic receiver, plus news about local DX gatherings, the 1981 EDXC (European DX Council) conference, a "Media Roundup" with a potpourri of hobby news items, and a few letters from listeners. The program will be called "Media Network" as of May, 1981. As with Sweden and Canada, you should make "DX Jukebox" part of your regular listening diet.

Another one worth trying for. Another DX program that is especially worthy of your listening is "World DX News" which is produced by the religious broadcaster Adventist World Radio and presented for about twelve minutes each Sunday at 0930 GMT over 9670 kHz. (via Radio Trans Europe, Sines, Portugal) and sometimes also over 15025 kHz. (via Radio Andorra). The main attraction of the program is the four minute segment of DX tips presented by Finn Krone over a telephone hookup with the Danish Shortwave Clubs International. The information is always fresh and mainly concerned with DX stations. There is also a feature each week, examples being talks on the Armed Forces Radio and TV Service, the Falkland Islands Broadcasting Service and Radio Monte Carlo. (If you listen on 9670 kHz., don't be fooled if the carrier goes off momentarily just before 0930. Stay tuned; they'll be back.) Due to power output and broadcast times, this program is likely to be heard only in the eastern U.S.

Other programs offering DX news. Always a friendly voice on the crowded shortwave bands is "DX Party Line" over HCJB, Quito, Ecuador. Three different half-hour programs are presented each week--one on Monday, one on Wednesday night or Thursday, and one on Saturday (U.S. time). The host is Clayton Howard, who has been with HCJB since 1941. Though the program does feature some DX tips--usually sent in by listeners or read from the bulletins of the North American Shortwave Association, SPEDX, Worldwide Shortwave Club or other organization--you will want to listen mainly for some of the other program features. These are of special though not exclusive interest to hobby beginners. Clayton presents answers to listeners' letters, news of hobby publications and local club meetings, a weekly interval signal from a different station, and information on ANDEX, the HCJB "Andes DX Club." In addition, there are recorded features from U.S. hobby sources, such as "Que Pasa" from the Association of Illinois DXers, the "SPEDX report" and the "Miami Valley Dx Club Report." These segments contain such things as interviews with radio personalities, station profiles, propagation information, etc.

Western Europe also offers several interesting DX programs. A little known program is the eight minute "special message for radio hams and DXers" over the Spanish Foreign Radio in Madrid. The program has one to several minutes of DX tips, usually taken from other hobby publications such as Arbetisgeminschaft DX (AGDX, Bremen, West Germany), Italy's Play DX or the Canadian Short Wave Listeners International. In the first program of the month there is a propagation forecast. Like some of the eastern European stations that are mentioned below, REE attempts to cater to amateur radio operators as well as shortwave broadcast listeners. Thus recent program items included a review of radio and electronic equipment shown at an international audio-visual fair in Spain, a two-part feature on the early days of ham radio and a feature on the development of the 160 meter band, as well as news of radio clubs and contests. But items of interest to shortwave broadcast listeners are also presented and, overall, the program probably deserves a larger following.

Another DX program this is not too well known is "Callsign," broadcast on the third Saturday of each month at 0845 GMT from Trans World Radio, Monaco. They present a few DX

tips sent in by listeners, along with short talks on radio topics and religious music and messages. They have a special QSL-card and invite letters to "Callsign," Trans World Radio, 175 Tower Bridge Road, London SE1 2AS, England.

Radio Portugal presents its "DX and Listeners Mailbag Program: every third Saturday (GMT) at 0315 and 0515 GMT. This fifteen minute program recently began a series called "Music Round the World," featuring music from different countries. A few DX tips are presented, along with listeners' letters.

Deutsche Welle, the Voice of Germany, also presents a short English language DX program. The fifteen-minute program is in two parts. "DXer's Desk" contains a propagation report, features on communication topics and a few DX tips, plus DW frequency changes and general hobby news. This is followed by a short report from the West German Amateur Radio Club about ham radio events in that country.

From Africa comes "DX Corner" broadcast over Radio RSA, South Africa. This five minute presentation usually consists of talks on subjects like propagation and such recent topics as shortwave listening in Japan, satellite broadcasting and hobby publications. Only a few, if any, DX tips are presented during most weeks, but on the first Saturday of the month (and the following Sunday, Tuesday and Thursday) you can hear Miki Vcelar, editor of the South African DX publication "QTH Africa," with several minutes of useful DX items.

There are also a number of Asian and Pacific DX programs that offer station tips. One of the best such programs is "Radio Monitors International," a Sunday half-hour program in the English language service of the Sri Lanka Broadcasting Corporation. The program is presented by Adrian Peterson, Director of Adventist World Radio-Asia and longtime DX hobbyist. For the first fifteen minutes RMI greets listeners, offers information on technical topics and presents some DX tips. More interesting, however, is the second half of the program, "Window on the World," which features segments prepared by other DX broadcasters and organizations--Radio Canada International and the Austrian Shortwave Service, plus "QTH Africa" and the Australian Radio DX Club--along with Adrian's excellent station profiles from such places as Guyana, Pitcairn Island, Mauritius and many others. Reception permitting, RMI is worth listening for, and a special QSL is available from RMI, Adventist World Radio-Asia, Box 15, Poona 411001, India.

In its "DX Corner," the Turkish Radio and Television presents three to five minutes of DX tips from listeners and from sources such as ACDX and "Sweden Calling DXers." Unfortunately, much of the rest of this twenty minute program consists of music and the acknowledgment of listeners' reception reports, though occasionally there are interviews that prove interesting. Formerly broadcast in three editions each week, the program is now presented on Saturday only.

Radio Japan's "DX News" is broadcast weekly for four or five minutes at the end of Sunday's "Tokyo Calling." The DX tips are compiled by the Japan Shortwave Club, but the format is such that just a few items can be presented.

"DX Listeners' Log" is a fifteen minute program that is on the air from KIWR, Agaña, Guam. The program features some DX tips from listeners and such features as a weekly tuning signal (similar to HCJB), naming of a DXer of the week and examples of different languages heard on shortwave. On the last Thursday and Friday of the month there is a special report from "QTH Africa." Unfortunately, reception from KTWK is not always reliable, a problem that also applies to the DX program from Radio Veritas Asia in the Philippines. DX tips from listeners are presented during this fifteen minute program, but format and reception conditions make it a difficult broadcast to make use of.

All India Radio recently started a ten minute "DX Corner" on the first and third Mondays of the month. Only a few programs have been aired so far. Half of the program treats a basic hobby topic such as how to use the SINPO code or how to write a reception report, and the rest is devoted to acknowledging reception reports. DX tips are a likely future possibility, so stay tuned. (Radio Korea has also begun a twenty minute "DXer's Hour," but it is mainly a mailbag program and of little real interest to radio enthusiasts.)

From the Pacific, Radio New Zealand broadcasts a five minute segment of DX tips in its "New Zealand Calling" program on the first and third Monday (GMT) of the month. Tips are prepared and presented by longtime New Zealand DXpert Arthur T. Cushman, who seems to know new station frequencies almost as soon as the stations themselves.

Finally, you can hear Paul Kuznetsov give some DX tips over Radio Moscow's seven to ten minute "DX" Program." Broadcast times change occasionally, but at the moment it is being heard on Friday night (U.S.) and Sunday. Half the program is devoted to DX tips. They are of fairly good quality, though with some inaccuracies, and seem to be taken from other DX programs. The rest of the program deals with answering technical questions from

listeners.

Programs specializing in other radio features. While these programs do not generally broadcast DX information, they can be very interesting. One of the best of the lot is the Swiss Radio International's "Swiss Shortwave Merry-Go-Round." The "two Bobs" present this informal, twenty minute shortwave chat on the second and fourth Saturdays of every month. Much of the program consists of answers to hobby questions sent in by listeners. The subjects range far and wide and have included discussions of such topics as time signal stations, antennas, frequency allocations, pirate stations, noise blankers vs. noise limiters, long path and great circle reception, etc. The program is informative and well done, and worth tuning in.

Another high quality offering is the Austrian Shortwave Service's Sunday "Austrian Shortwave Panorama." Each week this twelve to fifteen minute program features one or more presentations of interest to radio hobbyists. Heard on recent programs were talks about consumer electronics, media coverage of U.S. political conventions, the free radio campaign and the need for freedom and balance in the international information flow, plus a UNESCO program about Thomas Edison and a program about the Vienna Technical Museum and the early days of radio in Austria.

The Belgian Radio and Television in Brussels makes its contribution to the DX scene with its twelve minute "DX Corner," also broadcast on Sunday (U.S.). Though occasionally it will present some DX information from other sources, it is strongest in the "features" department. Recent offerings have included talks about medium wave broadcasting in England, AM stereo in the U.S. and broadband cable TV, plus excellent presentations on the history and development of broadcasting in places like the Arabian Gulf states and Zaire.

The Israel Broadcasting Authority also presents a "DX Corner," which is actually the last few minutes of Sunday's "Calling All Listeners" program. Although amateur radio operator-host Ben Daifen is well versed in broadcasting, little real use is made of the four minutes allotted to him. However, IBA did score a recent first by transmitting some pictures via slow scan TV over the DX program. There have also been some general discussions on antennas, batteries and other topics relating to communications.

Finally we come to the Soviet bloc countries. From the Ukraine, Radio Kiev presents its "DX Club" program for roughly five minutes each week. The content varies but it tends to be very basic--how to tune a shortwave receiver, what QSL cards are, advice to new SWL's, etc. The Radio Kiev DX Club is also discussed, and letters are acknowledged.

Radio Prague's weekly "DX Chat" is an eight to twelve minute program which tends to be rather long on technical discussions of sunspots and propagation, with some listeners' letters mixed in. Likewise with Radio Berlin International's by-weekly "KBI DX Club" program, where the emphasis is on propagation and solar and ionospheric "weather reports," plus other topics that are probably too technical for most shortwave hams.

The programs from Bulgaria and Romania cater to both hams and SWL's. Radio Sofia's "DX Program" features occasional station tips for shortwave broadcast DXers, but the real emphasis is on amateur radio, with discussions about ham radio in Bulgaria and notes on amateurs that are operating from rare DX locations around the world. Radio Bucharest's program is billed as the "special program for radio amateurs," and concentrates on news of foreign hams worked by Romanian hams and other news of the Romanian amateur radio scene, plus some occasional technical talks that are of little practical usefulness or interest to the shortwave broadcast listener or DXer. There is a "DX Mailbag" presented on Thursday (GMT) at the same time as the amateur radio program is presented on Tuesday and Saturday (GMT). It features listeners' letters and information on the Radio Bucharest Listeners Club.

Radio Polonia also offers a DX program every other week and, although it recently featured an interesting series on the history of broadcasting in Poland, it, like most of the Eastern bloc stations, has a long way to go in preparing programs that will appeal to the American shortwave hobbyists.

The following is a list of times and freq. for DX programs discussed in this article. Times and days are in GMT; deduct 5 hours for EST. Because days correspond to GMT times, programs may actually be heard "the night before" in North America, e.g. a program on Monday at 0200 GMT will be heard in North America on Sunday at 2100 EST. Though this listing is reasonably complete, it does not list every DX program that is on the air, or every hour or frequency at which the listed programs are broadcast. It does indicate the hours at which the programs are most likely to be heard. Freq. are correct as of late February and, in some cases, as of March 1. Freq. may have changed. Such changes will be noted in Friendx. Glenn Hauser publishes a complete list of times and freq. twice a year in RIB.

<u>STATION</u>	<u>DAY OF WEEK</u>	<u>GMT</u>	<u>FREQUENCIES (kHz.)</u>
Radio Sweden	Tuesday	1414	21615
	Tuesday	2314	9695, 11705
	Wednesday	0244	9695, 11705
Radio Canada International	Saturday	2135	11945, 15150, 15325, 17820, 17875
	Sunday	1940	15325, 17875, 21605
	Monday	0105	5960, 17820
	Monday	0405	5960, 9535, 11845
Radio Nederland	Thursday	0850	9715
	Thursday	0950	5955, 6045, 9895, 11930, 17605
	Thursday	1350	5955, 6045, 9895, 11930, 17605
	Thursday	1450	11735, 21480
	Thursday	1850	6020, 15220, 17605
	Thursday	2050	9715, 15220, 17605, 17695, 21685
	Friday	0250	6165, 9590
	Friday	0550	6165, 9715
Adventist World Radio	Sunday	0930	9670 (RTE, Sines, Portugal), 15025 (R. Andorra)
HCJB, Quito, Ecuador	I - Monday	0800	9760, 11835
	Monday	0900	9745, 26020
	Monday	2130	15295, 17790, 21480, 26020
	Tuesday	0230	9745, 11915, 15155
	II - Thursday	0230	9745, 11915, 15155, 26020
	Thursday	0800	9760, 11835
	Thursday	0900	9745, 26020
	Thursday	2130	15295, 17790, 21480, 26020
	III - Saturday	0800	9760, 11835
	Saturday	0900	9745, 26020
	Saturday	2130	15295, 17790, 21480, 26020
Sunday	0230	9745, 11915, 15155, 26020	
Spanish Foreign Radio	Monday	0050	9630, 11880
	Monday	0150	9630, 11880
	Monday	0600	9630, 11880
Trans World Radio, Monaco	3rd Saturday of month	0845	9675
Radio Portugal	Every 3rd Saturday (heard 12-13-80)	0315	6185, 11925
	Every 3rd Saturday (heard 12-13-80)	0515	6185, 9575
Deutsche Welle	3rd Saturday of month	0940	11850, 15160, 15275, 17780
	3rd Saturday of month	1730	11785, 15405, 17825
Radio RSA, So. Africa	Saturday	2145	11900, 15155, 17775
	Sunday	0245	9585, 11900, 15325
	Tuesday	1125	15220, 21535, 25790
	Thursday	1305	15220, 21535, 25790
Sri Lanka Broad. Corp.	Sunday	1100	11835, 15120, 17850
	Sunday	1300	4940
	Sunday	1500	6075, 9720
Turkish Radio & TV	Saturday	2100	9725
	Saturday	2230	7215, 9725,
Radio Japan	Sunday	0825	17870, 21610
	Sunday	1025	9505, 15195, 17725
	Sunday	1140	9675, 11875
	Sunday	2325	9585, 15195, 17755
	Monday	0025	15270, 17825
	Monday	0215	17725, 17825, 21640
Trans World Radio, Guam	Thursday	0100	17770
	Friday	0915	11840
	Friday	1445	9510
Radio Veritas, Philippines	Saturday	0030	15139, 15285, 17790

All India Radio	2d & 4th Monday of mo.	1040	15205, 15285, 15350, 17387, 17875, 21695
	2d & 4th Monday of mo.	1425	11810, 15335
	2d & 4th Monday of mo.	1920	11620, 11830, 15165, 15185
	2d & 4th Monday of mo.	0030	9912, 11620, 11755, 15110 15165
	Tuesday after 2d & 4th Monday	0050	7215, 9535, 9605, 11765, 11835, 15110, 15280
Radio New Zealand	1st & 3rd Monday of mo.	0315	15485, 17860
	1st & 3rd Monday of mo.	1015	11945
Radio Moscow	Saturday (N. Am. Svc.)	0050	6115, 7105, 7115, 7165, 7195, 7440, 9610, 9685, 9800, 15140, 21530
	Saturday (N. Am. Svc.)	0250	6115, 7105, 7115, 7165, 7195, 7440, 9610, 9685, 9800, 15140
	Sunday (World Svc.)	1320	9600, 11900, 12010, 15135, 15150, 15305, 15490, 17810, 17880
	Sunday (World Svc.)	1920	9600, 9685, 11860, 12010, 15470
Swiss Radio International	2nd & 4th Sat. of mo.	0907	9560, 15305, 21520, 21695
	2nd & 4th Sat. of mo.	1107	15430, 17795, 21520, 21630
	2nd & 4th Sat. of mo.	1322	21690, 17830, 17850, 21520, 21570
	2nd & 4th Sat. of mo.	1822	15415, 17830, 17850, 21570
	2d & 4th Sat. of mo.	1537	21570
	2d & 4th Sat. of mo.	2152	6165, 9535, 15230, 17830, 17850, 21570
	Following Sunday	0150	6135, 9725, 11715, 15305
	Following Sunday	0437	9725, 11715
Austrian Shortwave Service	Sunday	1235	6155, 9770, 21655, 21725
	Sunday	1805	6155, 15225, 15560, 17775
Belgian Radio & TV	Sunday	1735	6010, 21525
	Monday	0045	11695, 15175
Israel Broad. Authority	Sunday	2025	9009, 11637, 11960, 12025, 15485, 15582, 17645, 17685
	Monday	0025	15582, 9815, 11637
	Monday	0220	15582, 9815, 11637
Radio Kiev	Thursday	0050	7150, 9750, 15100, 15240, 17870
	Thursday	0320	7400, 9750, 15100, 15240, 17870
Radio Prague	Friday	0135	5930, 7345, 9540, 9740, 11990
	Friday	0335	5930, 7345, 9540, 9740, 11990
Radio Berlin International	Every other Tuesday (heard 12-16-80)	0125	9730, 11970
	Every other Tuesday (heard 12-16-80)	0255	9730, 11970
	Every other Tuesday (heard 12-16-80)	0355	11840, 11890, 11970
Radio Sofia, Bulgaria	Monday	0030	9705
Radio Bucharest, Romania	Tuesday	0245	5990, 9510, 9570, 9690, 11840, 11940
	Tuesday	0445	5990, 9510, 9570, 9690, 11840, 11940
	Saturday	0245	5990, 9510, 9570, 9690, 11840, 11940
	Saturday	0445	5990, 9510, 9570, 9690, 11840, 11940
Radio Polonia, Poland	2nd & 4th Sun. of mo.	2245	5995, 6135, 7125, 7270
	Monday after 2nd & 4th Sunday	0205	6095, 6135, 9525, 11815, 15120



VINTAGE VIGNETTES



WDX3UPA Bill Taylor, Box 132, Unionville, PA 19375

HALLICRAFTERS SX-25 SUPER DEFIANT

The Hallicrafters Co. first produced the Super Defiant in February of 1940. At a cost of \$99.00 (without speaker), this set was produced throughout the early forties. The SX-25 found a home in many ham shacks; on merchant marine ships; and, of course, aboard ship in the U.S. Navy and the Coast Guard.

The Super Defiant was designed to operate on either 110v-60c AC, or on 270v/6v DC current. As a general coverage receiver, it covered a continuous range of 540kHz to 42MHz in four bands. These bands were, respectively; the BCW, 1.7 to 5.1 MHz, 5.0 to 15.7 MHz, and 15.2 to 42 MHz. A special band was included, Band 3B, which further spread the 49, 41 and 31 meter bands. The antenna posts on the rear of the rig are designed for a 400 ohm load (preferably, a dipole), although a 75' long wire may be used with very good results. The speaker terminals of the Super Defiant offer a choice between 500 ohm and 5000 ohm service. And, similarly, the headphone jack on the front panel has a circuit that is designed for a high impedance set (4000 - 5000 ohm / 2000 - 2500 per side).



The circuits in the SX-25 are geared to broad use. The AVC is controlled through the selectivity switch. There are three positions with the AVC in the "on" positions: Broad I.F., Sharp I.F., and Phone X-tal. When the AVC is in the "off" mode, with a resultant audio gain, there are three other settings: Sharp I.F., Phone X-tal, and CW X-tal. Generally, the AVC should

be on for all moderately strong phone work. It should be off for all DX, SSB and CW. In the CW mode, the width seems to be about 3 kHz when the front end is properly loaded. The phone x-tal/off mode offers a width of approximately 6 kHz. The X-tal Phasing control is very useful for QRN and adjacent channel QRN.

The BFO switch and Pitch Control combine to give adequate SSB coverage. While not as simple to operate as the more modern LSE/USB units, this system does provide good service with modest adjustments to the pitch note. Atmospheric noises are somewhat damped with the ANL circuit. This is especially true when the RF Gain control is turned down. Also, a High/Low switch is provided. Unfortunately, while removing the treble tones will help with lowering the noise, it also virtually destroys any intelligibility on DX signals. Finally, the Super Defiant also has an AF Gain (volume) control, a Send/Receive switch, and an "S" meter adjusting screw.

The tubes in this set are relatively available from several sources. A completely new set of twelve tubes will cost about \$30.00 depending upon where they are purchased. The RF and IF amps are run on four 6SK7 tubes (or 6SC7, 6SH7, 6SJ7). The detector/oscillator/mixer tube is a 6BE. The 2nd detector/AVC and the phase inverter each operate on 6SQ7 tubes (or 6SR7). The audio powers up with two 6F6's in push-pull configuration. Meanwhile, the ANL and BFO use, respectively, a 6H6 and a 6J5 (or 6C5, 6L5). Finally, the rectifier uses the workhorse 80 tube (or 83, 5X3, 5Z3) to mellow out the AC.

Stability is good after warm-up. In the first half-hour, the drift is about one kHz per ten minutes. After thirty minutes, the drift is negligible (about 1 or 2 kHz per hour) in the 31 meter band. The bandspread dial is calibrated for the amateur frequencies, but a century logging scale is also included. By making graphs of each band with a calibrator, relatively accurate frequencies may be obtained, however.

The performance of the SX-25 is admirable. It digs in when called upon for DX work; yet it has very good audio response for the SWL. My "baby" came from the Philadelphia Navy Yard. In the last two years, she has produced R. Singapore, RNZ, MSF, YVTO, LOL, ZUD, VNG, WWVH 2.5MHz into Penna, Andorra, Monte Carlo, and HCJB 26020. Just clean thirty years of dust out of them; check your tubes; crank 'em up; and let 'em fly!

The current market for these sets fluctuates with their condition, but a good price falls between \$50.00 and \$100.00 (with speaker included). When fully reconditioned, a Super Defiant is worth, roughly, \$200.00 (or whatever the market will bear).

So much for this month... If you've got an oldie, let me hear about it. I need your reviews. But, please keep them good and critical, as per John-John's rules.

TNX & 73 *Bill*

A corny title, I admit. But it's not a bad name for a project that brings a smile to the face of someone who is many miles from home. It's a project that has started in a small way here in Kalamazoo and is one that I hope others will take up elsewhere.

At Western Michigan University (WMU), where I am a part-time student, there are many students from overseas. There is the usual contingent from the Middle East, primarily Saudis and Iranians, but there are also quite a few from Nigeria, Malaysia, Japan, Latin America and even Rwanda. For the most part these young people are cut off from the culture and traditions with which they are familiar. Those from the Third World suffer a particularly acute form of "culture shock." They do get letters and the occasional phone call from home, but these are a far cry from day-to-day contact with one's native country. Shortwave listeners can help fill this gap and thus my project.

I record programs for these students via shortwave radio. This tape service, provided in conjunction with WMU's Office of International Student Services, has become very popular after only a few weeks. It may seem like a simple thing to record these programs. It does present no problem if you're dealing with Saudis or Iranians whose native lands have the most powerful transmitters petrodollars can buy. Students from some other countries have requests that are harder to satisfy.

The Malaysians and Nigerians are the two largest groups of non-Middle Eastern foreign students at WMU. With some difficulty I can record the Voice of Nigeria on 15,119 kHz between 2100 and 2200 GMT. The "News of Nigeria" segment at 2145 is quite popular, however if I didn't have a Mizuho AP-M1 audio processor the omnipresent het would render the signal useles. As for Malaysia, it's an almost hopeless case in Michigan, much to the disappointment of the students who wanted to hear programs from RTM in Kuala Lumpur. Fortunately, I found a kindred soul in San Franciscan George Poppin who kindly volunteered to use his more favorable location to tape programs for the Malaysians here in Kalamazoo. Needless to say, they were delighted.

The problem is that what a DXer considers a useful signal is completely worthless in this case. The students want and expect recordings that are 90-percent readable with a minimum of noise and interference, i.e. "armchair copy." Most Third World stations don't provide this kind of signal in North America on a regular basis. In Michigan this is particularly true of Asian stations. On the West Coast I understand that Africa is tough copy.

Keeping foreign students in touch with home is a very rewarding endeavour that I would recommend to any NASWA member. It isn't necessary to be a student yourself. I'm sure that any university or college with a significant number of overseas students would be delighted to hear from someone who could provide a recording service similar to the one at WMU.

I would like to see a network of listeners providing this service at all major institutions in North America. A little cooperation should yield gratifying results: East Coast listeners taping for Africans on the West Coast and West Coasters doing the same for Asians in the East and Midwest. Anyone interested in participating in this scheme is more than welcome to write me at the address above. Non-collect phone calls at (616) 343-4890 after 2300 GMT are also welcome.

SOME PLAIN TALK ABOUT ANTENNAS By Neal Perdue

5. While it is true that one antenna at one location may not behave exactly the same at another location, the basic rules and formulas hold true and should not be ignored. One old adage is that you should get as much wire as possible as high as possible. After many years of stringing wires, climbing trees, stepping on snakes in the pasture, among other things, having wires and nylon support ropes get tangled up like a bowl of spaghetti, being slapped in the face by branches and briars, and testing the results of all this wire-hanging, I feel qualified to offer the following advice: get RESONANT wires up as high as possible for your favorite bands and use a tuner on the shortest one for higher frequencies. This assumes that the favorite bands are lower in frequency. At any rate, the wire should be at least a half wavelength long for the lowest frequency worked, when used with a coax tuner. In the case of a singlewire fed to a randomwire tuner which is worked against GND, one quarter wavelength will suffice since the GND supplies the image of the other quarter wavelength, provided that it is a reasonably GOOD GND.

DX SMORGASBORD

Dan Ferguson, P. O. Box 8452, South Charleston, West Virginia 25303

ON DXing: CENTRAL AMERICA

The Central American countries provide numerous targets for the DXer. Most of the countries in the area can be fairly easily heard, though some individual stations are more difficult. Two of the countries do not appear to be presently active on shortwave.

BELIZE Radio Belize operates on 3285 kHz. It can be heard, depending on the season and your location, signing on at 1100 GMT. You'll find the programming mostly in English at this time, with some Spanish. The station is most widely heard in the evenings, in the 0100-0500+ time slot, again mostly in English with some Spanish songs. Sign off is usually 0510.

COSTA RICA Several possibilities here. One interesting one is R.Casino on 5954 kHz. You can hear them in English in the 0430-0600* slot, but you'll usually have to work through a lot of QRM, especially early in the slot. They can be heard generally fairly clearly in the morning after 1000, to 1100+.

Widely heard is TIPC, Faro del Caribe, a religious station in San Jose. Try 5055 kHz at 0300-0400 in English, sometimes later. Earlier they are in Spanish. Or try 6175 kHz at sign on a few minutes prior to 1100. They also use 9645, but with less power.

Radio Reloj, on 4832 and 6006, runs 24 hours in Spanish and is well heard.

Radio Rumbo, on 6077 kHz, also operates 24 hours, and can be heard rather easily, in Spanish.

Radio Noticias del Continente, 9615 kHz, is another widely heard station. A recent note from Jim Whitehead was published elsewhere, indicating that the government has plans to pull the station's license after arms were found during a raid on the station. My guess is that if the license is pulled the same transmitter and frequency will again be in use under another name within a year. Presently, try for them evenings around 0200-0400, or even during the day, as 31 meter signals from Central America can frequently be heard in North America during the daylight hours.

R.Universidad has been reported with fairly good signals in the 0200-0500* period recently. Watch out for the Mexican on the same frequency.

EL SALVADOR My own checks, and inquiries to other DXers, indicate that there is presently no activity on shortwave in El Salvador. R.Nacional de El Salvador was active on 9554av last year for a while, but now appears inactive. Several years ago there stations on 9576 and 9585a that were frequently heard in NA during daylight hours, but these are also now inactive.

GUATEMALA Another country which provides numerous targets for the DXers efforts. R.Maya operates on 2360 and 3325 kHz. Sign on abt 1130v, to 1215+ fade out (depending on season, location) and, apparently at times as early as 1100. Also heard in the evening around 0300-0400.

Radio Tesulutlan, on 4835 kHz, may be heard at times in the 0030-0200 slot. This is not all that easy to hear, but not the most difficult, either.

Easier to hear is R.Cultural, in English 0300-0430* on 3300 and 5955 kHz. 3300 is the one easiest to hear, as 5955 can get tied up in QRM pretty often.

We'll finish this trip through Central America another time, probably next month. Right now, though, a mention of a couple of recently new stations in

HONDURAS R.Luz y Vida, on 3250 kHz, has been widely heard lately 0100-0400*. The station is a religious one, apparently associated with the Nazarene church.... Another new Honduran station is R. Mosquitia, on 4910 kHz, also a religious station. This one has been running some English programming in the evenings. Try the 0130-0300 time slot. Perhaps one of the easiest Hondurans to log is HRVC, La Voz Evangelica, on 4820, with English after 0300 evenings. They also QSL willingly.

That does it this time. Till May, 73.

Dan F.

IT SOUNDS TO ME!

BY AL SIZER, 22 COUNTRY WAY, NORTH HAVEN, CT 06473

SCATTER SHOOTING--- (You're bound to hit something.)

MINT CONDITION-- One of the most abused expressions in hobby bulletins these days is the phrase "mint condition" when applied to second hand (or more than second hand) equipment being offered for sale. My dictionary defines "mint" as being "new or in its original condition, as if freshly minted." And yet I saw a receiver advertised in FRENDX awhile back as two years old but "in mint condition". Hard to believe. I once had a HQ-180A which I bought at least second hand, had it repaired a couple of times, kept it two years and then sold it, only to find to myastonishment it being advertized as "in mint condition". Let the buyer beware!

NAMIBIA-- The NASWA Country Committee rightly decided that such "countries" as Transkei, Ciskei, etc. were nothing but South African satellites and denied them status on our country list. However, they may have jumped the gun by making an exception for Namibia. Namibia is supposed to be an exception but so far it hasn't happened. In a recent U.N. conference South Africa refused to make good on promises to give this area real independence. Someday I hope they will but until they do it is hard for me to think of Namibia having country status.

DID HE STUMBLE?-- A logging report editor recently admirably commented on a logging by Ontario's Ernie Behr: "Ernie, you seem to stumble on to some fine catches." Behr and other topnotch DXers don't stumble on things---they know when and where to DX and they are persistent about it.

THEROUX-- Pitt McNeil gave an excellent summary in February FRENDX of worthwhile Latin American guidebooks and I'm eager to read some of them but he was wrong to dismiss Paul Theroux as "laughable". It is true that "The Old Patagonian Express" is not particularly simpático to South America and not as good as "The Great Railway Bazaar" but Theroux is one of the finest contemporary authors in English and the very antithesis of "the tourist turned traveller." His visit with the great Argentinian writer, Jorge Luis Borges is worth the price of the book, the NY Times said.

WRTH '81-- In October I was critical of the World Radio and TV Handbook as costing too much. I have had a chance to inspect the new 1981 version and I must say that this year's model, printed in the U.S., is better looking, easier to read superior to last year's. However, I must also fault WRTH for continuing to print data that are outdated and in some case never were correct.

Here are just a few mistakes I spotted on a quick rundown. I'm sure you'll uncover more.

Tristan da Cunha: Future plans call for a "new transmitter of 1 KW." This has been running for several years in WRTH and has been debunked several times. Forty watts is plenty for Tristan; it has no need for 1 KW.

Bhutan: Letters from Bhutan have denied there are any plans for increased power here also.

Dominican Republic: WRTH lists 9 stations. Only three have been logged in recent years, R. Clarin (which WRTH lists as inactive), R. Mil and RTV Dominicana and the last two are sporadic if on at all.

Haiti: Couple of no-shows here too, R.Caraibes and La Voix du Nord.
Venezuela: Radio Coro made a brief appearance in 1974 on 4950 kHz but not since although it is listed regularly every year in WRTH.

MOROCCO--This is a curious situation. According to the NASWA Country list, Morocco and Tangier count as separate countries. But as far as I can make out Tangier is the only country that can be logged currently since all the RTV Morocco transmitters on SW are in Tangiers. (Apparently there is no longer one in Sebba-Aouin.) Logging reports listed as "Morocco", according to my way of thinking, are wrong.

ANARC-- This column came out pretty negative --nitpicking, did I hear someone say?-- so I thought I'd end it with a positive observation. I am very impressed by the job that Jeff White is doing in making the ANARC NEWS-letter a more readable, informative shortwave publication than it used to be. It has many new features, including a section on the handicapped program and if you're not getting it now I heartily recommend a subscription. Monthly, costs \$5.00, write to ANARC, 1500 Bunbury Drive, Whittier, CA 90601.

Remember to send your feedback to the address at the head of my column.

This is The Way It Sounds To Them!

(Feedback on the February column giving an optimistic forecast on the future of shortwave broadcasting and the outlook for the SW-DX hobby.)

From **MIKE HARDESTER**, San Marcos, CA.

"I would have to disagree slightly that shortwave broadcasting is doing fine. By and large, it's O.K. However, with the ever increasing cost of personnel, salaries, energy, and inflation in general, it seems future cuts at SWBC stations are inevitable. Deutsche Welle cut back its English program some time ago as did Radio France. Spanish Radio has announced proposed cutbacks in English transmissions and I'm sure others will do the same.

"I don't believe this signals a 'crisis'. However, as time goes on and costs go up, I think SWLs (not DXers)--whether or not in any club-- will be hurt in the long run. For those who speak (understand) only English as their native language, they'll lose out on direct sources for cultural informing, news, etc. Thus, the country involved may lose out in the long run unless they do not care what impression English-speaking persons/countries have of their country.

"A very realistic problem in the SWBC community is the continual increase in transmitter power and number of co-band transmissions to the same target area. If HCJB can make it to the world with 100 watts ERP other countries can do the same. Even 1000 watts would be sufficient. I seldom listen above 41 meters--just too much adjacent/co-channel QRM!"

From **TERRY A. KLASEK**, St. Louis, MO.

"I could not have said it better myself. I do agree with your observations on shortwave broadcasting in the future 100%. In my many reports to many stations I find most very friendly and some I monitor on a monthly basis. Through the medium of shortwave I come to know the peoples of other countries as well as their culture, customs and everyday life. SW is also a learning experience and I have a pathological desire for knowledge. I for one firmly believe shortwave radio will be around for a long, long time!"

From **HANS JOHNSON**, Kingwood, TX.

"I agree with you 100% that there is room for both DXers and SWLs to operate in side-by-side harmony. We are members of the North American Short Wave Association. Notice the absence of both the words SWL and DXer from our club's title. I believe the most important thing to remember is our motto of 'Unity and Friendship'. I enjoy the thrill of hearing a new, exotic country for the first time but I enjoy listening to Now Music U.S.A. and the DX Party Line just as much. In regard to recent letters I resent anyone telling me which aspects of our hobby I will enjoy and those I won't. Feedback is a useful tool for it gives all members a chance to offer suggestions and to improve their club. Through our suggestions we have an opportunity to become a more unified and stronger club."

EDITOR'S NOTE: I usually limit feedback to the column which appeared two months before the current issue. But since I have some room I'd like to include one unexpressed aspect of the issue I raised in the November column---the mania for new equipment. To wit:

From **ROBERT R. BROWN SR.**, Youngstown, O.

"This letter is in rebuttal to the rebuttals in the January issue. Your article in November's column put the aspect of too many 'gadgets' in the proper perspective, but those who don't agree with buying accessories should remember that if some of us don't buy some of what the manufacturers are producing, their research and development will cease and there won't be anything to buy.

"The nice part of SWLing is that there is something in it for everyone. People who buy accessories are also 'collectors'."

CONCERNING the SPANISH LANGUAGE

by Thomas J. Cole

Miami is not only an eminently bilingual city (English/Spanish), but we find in it different nuances in the usage, or abuse, of the Spanish language. First, we find that buttressed by half a million individuals in Dade County, there is the language of the Cubans. And among these, there is a difference between those who came from the eastern part of the island and those from the western part, or the HABANERO.

It is an ideal accent for matters of commerce - the HABANERO, of rapid speech; which goes straightway to the nitty-gritty, to brass-tacks. He does not possess the gentility or the courtesy of the Colombian from the Sierras (Bogota or Medellin) in his speech, but his writing is something else; and we do not refer only to Marti, Guillen, or Carpentier. It is a Spanish which is compared to the Andalusian, with Galician or Afro-Cuban elements.

The Spanish of the eastern Cuban is comparable to the Spanish of the Dominican Republic, to the Venezuelan, or the Colombian from the Coast (especially Barranquilla, Cartagena and Santa Marta); it is also comparable to the Panamanian, and a bit, but not too much, to one from Guayaquil. The Habanero says it is a sing-song Spanish - rightly so, it is not the staccato of the commercial Habanero, the one who cuts through the fat. And it differs in its use of certain nouns. The Habanero calls a banana, plátano; but the one from the east calls it guineo, as it is also known in Central America. And if for an Habanero the word papaya constitutes profanity, this is not so for a Cuban from the Oriente; nor for other Latin Americans (in Puerto Rico, lechosa). In Havana (or Miami) the nispero is known as zapote (our sapodilla) but not so in Oriente, Cuba where the word nispero is used (as in Central America).

Notwithstanding, everyone agrees that the prettiest Spanish is employed by the Colombian from the Sierras (Bogota, Medellin, and to a point, Cali). It is Spanish which comes close to Old Castile, without the use of the "th" sounds (z or o before weak vowels) or the guttural "j" or "g" (also before weak vowels). Others might argue that this excellent Spanish is spoken in Loja, Ecuador.

And in Miami the Argentine variety of Spanish is now heard. It employs the "vos" and enjoys certain modisms which disconcert many. This is also used in Nicaragua and Honduras. Since this changes the verbal form it is quite unsettling to English-speaking Americans who learned Spanish with Usted or even perhaps tu ("tutocoy").

These slight differences are interpreted by some in the United States as denoting that Castilian is not spoken in Latin America, but is rather a series of dialects.

Some people maintain that the Spanish of the Americas is even better than the one spoken in Spain. The differences of some words flow from the spate of recent inventions. An example is the word known as goma among the Cubans. We know that it exists after 1900, when the automobile was invented. In Spain and Chile, it is known as neumático. ("Pneumatique" in French, "tire" in the United States and "tyre" in England). And in Ecuador and Colombia, as llanta, although properly speaking this is specifically the metal rim. (This occurs also in English; let's mention only the "hood" and "bonnet" of automobiles). No one would say that in the United States English is a dialect in view of these differences.

Despite the territorial extension covered by the Spanish speaker today, there is less difference among those who speak that language than among those who speak English. In this case we do not refer to the differences among certain nouns (i.e., zapaya-calabaza; batata-boniató; papaya-fruta bombalechosa; goma-neumatico-llanta; carro-automovil-coche-maquina), but to the understanding in general.

It is not difficult to know why. The Spanish language is based on the fixed pronunciation of the five vowels. Cama, for example, is always cama, vete is always vete, loco is always loco etc. In English, the vowels change somewhat from one region to the other. Besides, in certain sectors the r is not pronounced before a consonant (that is to say, in certain parts of England, the USA's Northeast or the South); but in other places it is pronounced, as in the rest of the USA and in certain English areas, Scotland and Ireland. The A vowel undergoes changes. Bath, half, calf - are pronounced differently depending on one's origin (London, Boston, New York, Miami, Los Angeles, Atlanta).

No one bothers to try to understand London's cockney. Also, the chap from Liverpool hardly understands one from Birmingham, and he who commands an Oxford accent is extremely proud; in this case even where a word is accented varies. Even in the U.S. ask someone to pronounce the word Strawberry, and you can tell whether he comes from Boston or Atlanta.

We suggest that in your trip - or next trip - you take a tape recorder and in your walks on the streets of Miami you record the language of the people and later try to pinpoint their places of origin.

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(This article by Thomas Cole appeared in the Ecuatoriana Airlines inflight magazine and is reprinted here in view of its obvious interest to the DXer and Spanish student)

Upcoming in SWC in future months: Larry Magne talks with us on equipment, Jerry Berg writes on how to use the WRTVH, an exclusive talk with one of the head honchos in the SW department at Radio Denmark on their future plans, Pitt McNeil "on the road" in South America, Neal Perdue's "Plain Talk", and a host of other interesting bits. You won't want to miss one single issue! Tell your friends about us. DXING FEVER! CATCH IT IN SWC! john-john

namibia

A SHORTWAVE SHORT BY GERRY DEXTER

You can call it Namibia or you can call it South West Africa, but either way it's shortwave's newest country!

Colonized by British and German traders in the late 1800's Southwest Africa is a land periodically in the news as a result of its efforts to gain independence.

In the beginning of the white man's activity there, the British obtained an area around Walvis Bay and the German's the surrounding territory. South Africa took over British titles to Walvis Bay after the Boer War and control of the German-held area following World War One.

South Africa dominates the country today and refers to the place as South West Africa. The United Nations actively seeks an independent state under the name Namibia, which comes from the Namib coastal desert, called by one source one of the world's most total wastelands.

The famous Kalahari desert occupies the eastern part of the country. In the center one finds a more pleasant climate where temperatures range from the 40's to the 85-90 degree range.

Copper, led, zinc, diamonds, fishing and cattle make up the economic base.

The Ovambo are the most populous native group, followed by a number of others. Also making up the population are Germans, Afrikaansers and English-speaking whites.

Some 18 months ago the Southwest African Broadcasting Corporation branched off the SABC and took over a 19 station FM network, each "station" comprising one to six transmitters varying from 50 watts to 3kw.

The shortwave service was commissioned on October 1, 1980 (although some fortunate DXers did log tests prior to this official start date.)

The shortwave operation consists of two Harris Corporation 100kw transmitters operating both omnidirectionally and, apparently at other times, bi-directionally north and south.

Both transmitters carry the same programming, a combination of Afrikaans, English, German, Herera and Damara/Nama.

Also on October first the all night service was introduced as well as the acceptance of commercial advertising.

The English service carries a SABC relay for about 50% of the time and the other half of the broadcast day is produced locally. The same applies for the Afrikaans service.

SWABC plans 3 new medium wave outlets and a further expansion of the FM network as well. Plans for a television station are also in the works.

Some 280 people operate SWABC with that total including everything from janitors to managers. The technical department has a staff of about ten persons.

Reception of SWABC, though spotty, has been of fairly good strength at times on 3270 and 4965 during local evenings.

The station is interested in reports which may be sent to C. Heppe (to whom we are indebted for much of this information) SWABC, Box 321, Windhoek, 9000, Namibia. It's a very attractive color-photo card.

"EARS OF THE STARS"

This month we went to Terry Krueger, editor of LR-A, and asked him what he has been listening to lately. Terry responds,

Listening has been minimal as of late, but I have frequently tuned to the Afghan HS-4740 *0125 -- very interesting listening and the first time I've heard them on 60 meters.

The best DX of the season might have been Radio Libertad Sport of a month back at 2300 on 6045. Last time I heard this xmtr was around three years ago as Radio Dif. Uruguay in the a.m.

Lastly I'd have to say the BBC remains a frequently tuned outlet for news and current music programs, that is when I remember to tune in.

We encourage our readers to give Terry's first bit of dx a tune-in. A very interesting, hot piece of dx in light of world affairs. Speculation of late is that the transmitter may be in the Soviet Union. DXing Fever. Catch it on 4740 at 0125! More "Ears" next month at this same time!

Listeners NOTEBOOK

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PROPER CREDIT Other publications and broadcasters may use material from LN provided due credit is rendered to the original reporter and the NASWA Listeners Notebook. This courtesy does not extend to closed organizations which do not allow reciprocal access to their publication. BBC Monitoring Service items (designated WBI for World Broadcasting Information) are copyright and may not be reproduced without BBCM's permission. All times, dates and days are day/month GMT, u.o.s. All contributions to LN are gratefully received, but your editor cannot promise a personal reply because of severe time constraints. Please do not ask me for advice on receivers or other equipment (gh)

K E Y Letters along left margin enable you to spot items in categories of interest: **D** = death, **E** = English, **H** = harmonic, **J** = jamming, **L** = program (listening) info, **M** = mediumwave, **F** = future plans, **Q** = QSL, **S** = stamps & postal, **T** = timezone jumps, **X** = DX pgm, **V** = video.

ALBANIA R Tirana 3/3 *0500-0600 Std Ch new 21700 //16230 14320 10510 (WBI 12/3) 5960 drifts to 5983.5, het RFE-Hungarian 5985 (Feb WWDXC)

ALGERIA unID Arab on 25680 3/3 2045 mx, 2057 drums & flute Afro mx to 2100 Arab mx, 2115 f/out but carrier detected still 2140 (Chuck Oliver, Spring TX) R.Algiers DS in AR obs since 1/3 on 25680, //usual fqs, probably 0600-2300 (WBI 5/3) Perhaps first use of 11mb, 3/3 Arab E pgm 0700-0800+ // 21725; 5/3 21605// 17765 AR 2100-2200; EG obs 5/3 2100-2130 17745 (Bob Padula, Australia) For past 3 weeks, EG not hrd on any fq above 12 MHz, but Eu reports suggest 15210v still used (QTH Africa 28/2) You mean 15310v? (gh) AR on 17765 15/3 before 2400 a mystery as no // s found, but for 16/3 0000 nx became // 21635 (gh) more, LN-12 lines 8-9

ANDORRA World Music Radio returned to the air via R. Andorra 8/3, Suns 2200-2300 on 6220, E now 2100-2200 due to DST in Eu. Billboard Corp had underwritten late in 1980 but could not continue w/out audience figures. We ask no favours. We simply aim to establish a viable independent SW stn. If you would like to help us, order a WMR T-shirt (XL/L/M/S) for US\$7; or join the WMR Club which gets you magazine, ballpens, stickers, etc., @ US\$9, and club members get T-shirts for \$5. Cash only, no cheques (Lee Alvin, 26/2, WMR, Box 4078, 1009 AB Amsterdam, Netherlands; via Randy Moyle, Ont., and Eric Falkenhan, MD who adds:) We should support WMR which helped put R. Andorra back on the air. Remember how we felt a few years

X ago when R. Andorra was silenced. # Resumed pgm includes my WRTH DX report around 2120#LN15 (Andy Sennitt, Denmark etc.) AWR-Europe will devote all its language programs 12-19 April at 1900-2200 GMT to the Handicapped Aid Program (Ron Myers, AWR via Ian McFarland, RCI DXD)

ANGOLA [Cf Mar LN-1] New RNA ES 2200 FR, 2230-2300 EG on 7245 9535 11955; also 1100-1200 E but wrong fq 9660 and (QTH Af 20/2) 11955 0400-1800; FR+EG 2200-2300 weekdays 9535 7245 1088 (Ginbey, RNDXJB 12/3) RNA DS Pgm-A 9535 6170 4820 3375, 0355-0100 (Mon 2405) includes pgm pwv 0355-0405. Pgm-B carries Pgm-A when it does not have own pgms, 11955 9660 7245 E 7215. 1130 EG is Mon-Sat; 2230 Mon-Fri. All provinces & most regional centres have a stn apx sked 0400-2300, local pgms in PT & verns, some RNA-A nx relays; these reported in last two years, all fqs vary: Provincial: Cuando Cubango 4780, Huila 7350 & 3970, Luanda 4861, Malanje 4940, Moxico 5192. Regional: Bié 4896, Benguela 6151 5042, Cabinda 5033, Huambo on 7160 5062 3345, Lobito 7001, Moçamedes 5100, Uige 4849 (WBI 19/2) ER do Lobito, 7001, 2245-2300* 11/3 PT talk, IDs, Afro mx, NA, s/off. I wait all winter for 1 kW Africans and nothing - comes mid-March, it happens! (Maxfield Greenwood, Devon PA)

ANTARCTICA LRA36 expanded 6030 kHz xmsns to 2300-0300 daily (no source, Feb WWDXC)

ARGENTINA BA Herald reported a 19/2 decree paving way for some stns to be taken over by private sector, 15-year licenses. New legislation sets out rules: respect for natl & foreign L symbols, institutions, historical figures, SP lang, family unity. No topics like occult sciences, witchraft, healing, fortune-telling, astrology. Political 'equal time' required. 50% of daily broadcasts must be locally produced (WBI 12/3) R. Rivadavia, 9115, 13/2 2120-2210* mx & sports; 10680 16/2 2120-2420+0145, best Arg sport pgm, Sun only (J.C.Codina, RNMM)

AUSTRALIA R Australia tentative J81 changes: 21660 replaced by 9235, Shep-100 1115-1730 at 3550. 11905 ex-15140 Carn-250 3470 2230-2330. 17795 Shep-100 3550 *0900 ex-1115; -1730 (Telecom Australia, gh) RA and 5/3 that Carnarvon site was closing down to protect aeriels from Cyclone Neil; resumed ops 6/3; avoiding Darwin-like cyclone destruction (WBI 12/3)

AUSTRIA Both R Moscow SAs svc & UAE R Dubai landed on 21655 M81, messing up ORF to NAM 1230- E 1330 incl RG 1230. I advised ORF move to clear 21625, presumably now 1200-1300 (gh)

BANGLADESH BB M81 EG 0445-0515 7220 15400 21685, 1230-1300 15285 21670, 1815-1915 11765 15285 E (SCDX 24/2, info direct from stn)

BELGIUM BRT hrd on 21790 DT 0630-0715 & 1000-1300 (Rikard Johansson, SCDX 17/3) BRT running repeating test tape in March after 2200 on 100.7 MHz FM for UK reception (SCDX 10/3) Unusual instance of deliberate 'overseas' broadcasting on FM! (gh) More BEL & BOLIVIA LN-15

BOLIVIA R. Panamericana on new 6105, 6/3 1039-1052, SIO 453 (Jack Jones, MS) 6108 (anon.)

BOTSWANA VOA will install one 50 kW MW xmtr 350km N of Gaborone, beamed to Johannesburg, P morn & eve, while Botswana DS will use 9h per day; expected 6/81. RB plans to install 3 M 50 kW xmtrs by yearend supplementing present two 10 kWers. RB has not QSLed for four years Q due to duplication of reports and suspected forgeries (Chris Martin, Australia via Cushen)

BRAZIL R Aparecida has PT nx 1430-1500 on 9635; R Brasil Central 1815 has PT nx 1500-1505; L R Inconfidência PT nx 1505-1530 on 15188; R O'Globo [sic; Irish-controlled?] PT nx 1555-1600 on 11805 (WBI 12/3) This is false; all their newscasts are on the hour (plus some half hour) except at 2155 due to Voz do Brasil 2200 pgm. This BBCMS item is further misleading as there are a great many more Brazilian stations broadcasting news than the ones chosen here

E (Roberto Levinstein, Spain, RN PT DX 19/3) RNB's 2100 EG xmsn on 15280 to Af is now and as also to As; likewise 0200 NAM 15290 17830 also to Au (Levinstein, ibid., 19/3) RNB has a new head since 11/80, 23-year-old Antônio Augusto Silva, who went to high school in New Mexico and writes flawless EG; he is responsible for recent pgm changes, and suggestions from listeners are welcome (from the cover story via R Horvitz, April REVIEW OF INTERNATIONAL BROADCASTING) R Nac de Tabatinga [4815] sked 1300-0100, still testing till Apr, 10 persons work there, Tabatinga is a district of Benjamin Constant, no call sign assigned yet (Sebastião Vitorino Pereira da Silva via Tetsuya Hirahara, Radio Nuevo Mundo) R Nacional Pôrto Velho is now active on 4945, delete WRTH inactive notation (Emanuel Tavares Filho, via Andy Sennitt, DXJB 19/3) R Clube Ribeirão Preto hrd 7/2 2100 on 15415, poor (Francesco Clemente P et al, Play-DX) More than 13 stns are to start tropical band BCing in 1981; Gordon Bennett, England, already hrd one 17/1, R Jornal da Transamazônica, Alta Mira, Pará, *0755 on 5025.

P Cláudio de Moraes, DSWCI says it is 5 kW (Finn Krone, AWR DX 25/1) R Marumbá Ltda plans to add 25 & 49m SW shortly; now on 9705 (Osamu Maeda, R Nuevo Mundo via ADXN 3/81) R Jornal do Comércio, 15145 hrd 2025 25/1 claiming to have '4 short waves'--the only other I know of is 6085 (Emilio Pedro Povrzenic, Argentina, ADXN) Another Recife stn, R Clube de Pernambuco hrd on 11867v (R Levinstein, RN PT DX 12/3) Altho previously reported on and per letterhead on 3245, latest SW eq of Sociedade R Clube de Varginha is ZYF225, 4825, 0900-0130, per mgr Q Silas Sampaio[sic] Moraes. They promise to QSL correct reports, no r.p. required, but they have not answered 5 reports of mine (Torre Ekblom, DSWCI/WRTH) R Inconfidência, 6000 classical mx 2210 4/3, SIO 433 (John Futch, GA) Booms in here nightly till about 0000; peaks around 2300 (Charles Kristan, PA)

BULGARIA [Cf Mar LN-3] R Sofia G&I svc since 1/3 obs 1930-2000 on 11880 11720 9700; 2130-2200 11920 11880 11860 (WBI 5/3) It appears their Soviet masters have let them use another xmtr; also on addl 11830 w/15330 at 0000-0100; 11830 useless u/QRM (gh) New 17755 EG 2030-2130 //15310, severe NHK QRM 2100-2130, 5/3 (Bob Padula, Australia) Af svc. BBCMS typed 15530 for 15330 at 0000 and I've already hrd it repeated w/out question on one DX pgm (gh)

CAMBODIA V of the Kampuchean People DS from Phnom Penh: 2300-2400 (Sun GMT 0130) on 7373 7008 6090. 0400-0500 (Sun 0600) 9695 7373 7008 6090. 1100-1330 (Sun 1400) 7373 7008 6090; all in Cambodian incl Armed Forces News Tue-Sun 1200-1210 (WBI 26/2) DS from PP has been stable on 6875 thruout Jan & Feb, 1100-1330*, no // hrd (Peter Bunn, RA DX 15/2)

CAMELROON QSL letter from R Garoua indicates SW fqs of 5010 and 7240 may each use 4, 30 or 100 kW; ant is double folded in H vertical lobe + Hyperboles'. Besides phone 27-11-67 there is also 271179 (via Ruth Hesch, NY)

CANADA CFVP Calgary 6030 hrd 1255-1310 24/2, C&W, ads, 1300 nx, first time hrd here, very poor in noise, deep fades. Note that CKFX 6080 Vancouver is not listed in 1981 WRTH tho reported hrd as recently as Feb LR-B-4! (Syd Osterman, Ont.) Perhaps WRTH without telling us is now applying an arbitrary power cut-off eliminating the best DX possibilities--who can hear a 10 watt station, anyway? (gh) They do it with MW, why not SW? (gh) CKFH hrd H on 4290 (3 x 1430) at 1150 25/2 (Don Moore, PA) It's in Toronto, Tom (gh)

CHINA In 1979 the govt readjusted its administrative divisions on a large scale--Nei Mongol Autonomous Region has expanded to the NE, SE and W to include Jirem League (formerly in Jilin Province), Hulun Boir League (ex in Heilongjiang), Ju Ud League (ex-Liaoning) etc. Hulun Boir PBS monitored on 4750 2120-2400 (Sun 0100), 0355-0600 & 0925-1500 in CH. Mongolian svc on 3900. Is in Hailar City, Hulun Boir League, Nei Mongol Autonomous Region (Akira Yamanaka, ABI 26/2). Guizhou PBS, Guiyang City, Guizhou Province sent sked on 3260 7275: 2130-0030 (Sun 0200), 0200-0600, 0850-1600 (Hironami Kubota, ABI 26/2) CPBS [Peking] broadcast for Taiwan changed sked 26/1 to 1955-0610 & 0825-1855 as follows: 15880 0000-0610 & 0825-0959, 15710 2301-0610 & 0825-1229, 11100 2201-0610 & 0825-1359, 9170 2201-0610 & 0825-1600, 6790 1955-2359 & 1000-1855, 5125 1955-2300 & 1230-1855, 4770 1955-2200 & 1400-1855, 3830 1955-2200 & 1601-1855, 3360 1955-0130 & 0959-1855. At s/on, IS of "The East is Red" and orch rendition of PRC NA are played (Tetsuya Kondo & Akira Yamanaka, ABI 16/2) A BBCMS sked 12/3 matches this to within 5 minutes but lacks 3830 (gh) PLA Fujian Front Stn to Taiwan, Net-I 2100-0500 & 1000-1800: 9540 0146-0500, 7850 0015-0500 & 1000-1259, 6765 0015-0500 & 1000-1429, 5900 2300-0500 & 1000-1549, 5265 2235-0200 & 1000-1800, 5240 2236-0500 & 1000-1800, 4330 2200-0014 & 1300-1800, 4045 2200-0145 & 1000-1800, 3640 2100-2234, 3535 2100-2235, 3000 2100-2300 & 1550-1800, 2490 2100-0014 & 1430-1800. Net-II 0330-1000 Thu-Tue, 1000-1730 daily: 9505 0330-0959, 7280 0330-1445, 7025 0330-1344, 6400 0330-1446, 6000 0330-1730, 5770 0830-1159, 5170 0830-1730, 4840 same, 4380 0330-1730, 4130 1200-1730, 3900 1345-1730, 3400 1000-1730, 3300 1446-1730, 3200 1447-1730 (WBI 5/3) Recently obs skeds: Shaanxi PBS, Xian 6176 2130-0745 & 0915-1520 per a Thu pgm preview (WBI 19/2) Guanxi PBS, Nanning 5010 2130-2400, 0250-0610, 0950-1505. Hubei PBS, Wuhan, 3940 2100-1605 (exc for Tue & Fri break 0605-0850). Tibet PBS, Lhasa, Std Ch pgm 7170 5935 5240 4750. Qinghai PBS, Xining, 2155-0100, 0355-0600, 0925-1520 on 6260 4940 3950; also on 9780 0355-0600; Tibetan pgm 2230-

0050, 0350-0545, 1030-1455 on 6500 (WBI 26/2) Mongolian pgm from Hailar on 3900; a Tue pgm pww gives 2120-2400, 0325-0555, 0925-1255 incl CPBS Peking Mong pgm at 2230, 0500, 1200; Hohhot relayed at 1100. 3900 svc IDs as Hulun Buir PBS (Mongolian: Hulun Buir ardyn radio netruihleh tov horoonos yarj baina). H.B. is a league--an admn area--of Inner Mongolia. The Mong svc from Hohhot is on 4010, IDing as I.M. PBS (Mongolian: Ovor Mongolyn ardyn radio netruihleh tov horoonos yarj baina) (WBI 5/3) R. Peking Persian svc 1530-1600 is on 9440 & 7480, ex-6955. 1800-1830 on 11515, 9440, 9365, 7480, ex-6955 (WBI 12/3) R. Peking is getting better on 9860 [EG] at 1500 & 1600 (Rolf Gunnar, Denver CO, 2/3) Harbin, Heilongjiang hrd on 7300 for several months around 1000-1200+. I'm as positive as can be but wish someone confirms this--I get nervous when I am the only one reporting something (M. Greenwood)

COLUMBIA Rdif Nacional hrd on 6370, 3/3 0338 // 15333, all cl mx, F-P due CW QRM, faded badly by 0415 (Chuck Oliver, TX) Checked for this here, but unfound; stn has previously appeared on widely varying fqs above 6200 (gh) LV de los Centauros I managed to rx on 23820, 4 x 5955 at 2200 13/3, SINPO 44444; some woodpecker QRM; typical folk mx; 49m not audible then (Charles George, Dallas TX) Ecos del Atrato on new 5020,05 ex-5019,9, 22/2 0300-0400* in clear with 5022 ute absent; good but distorted audio (Bob Foxworth, NY)

CONGO unID on 6617 at 0415, FR with numbers, 0450 mentioned Brazzaville several times; good sig but slightly muffled, 2/3; no other pgm (Chuck Oliver, TX) This is a VOLMET--flight weather--stn, which "broadcasts" but is considered a utility. Other fqs for it are 3495, 10073, 17909, sked 15-25 & 45-55 past each hour, while Johannesburg, Nairobi and Tananarive split the rest of the hour (per Steve Handler's Radio Communications Guide)

COOK ISLANDS has been in once or twice weekly, sometimes as early as 0530 with usable sigs, on 5045; WRTVH ID is not reality--all you get is a mention of "R Cook Islands" in the extremely rapid DJ patter between US pop mx; EG nx 0630, then Maori; not always a 5/5 min split--0640's the limit. Sometimes 3 EG, 7 Maori; have hrd R Australia nx 0700; LSB product detection helps due Lomé 5047, and there's a unID Latin *0700 on 5045 (David Newkirk, AK7M, Seattle WA, 7/3) Probably R Cultura do Pará, Brasil, sked *0700 (gh)

COSTA RICA R Relej reported 13/2 that the President had ordered R Noticias del Continente to suspend broadcasting. An investigation had been ordered because 'public security personnel had been maltreated by the stn's employees'. Unauthorised firearms were alleged to have been found at the stn. Pres said that for security and public order, Minister of Security had ordered initiation of procedures to suspend temporarily the permit for RNC on 9615. RNC responded 14/2 by requesting listeners to send telegrams of support to the CR Pres and to stn. And RNC carried a statement by Dir. Ana Lorena Cartín Leiva on the "virtual closing down" of the stn, dealing with freedom of speech & press in CR & Lam. 17/2 RNC broadcast various messages of support, including one from Nicaraguan Journalists' Union; still on air 17/2 (WBI 19/2) RNC had received more than 300 telegrams of support. While 'provisional', rightwing opponents hope closing will be indefinite. Order expected to become effective in 11 days, following a last-ditch appeal. RNC claims the arms found at the stn were planted by natl police; it has vowed to fight in the courts and intl human rights forums and announced that three Mex and two Eu stns offered to BC its pgms if it goes off the air (Eric Mills, Toronto Globe & Mail, 24/2 via Mike Bolitho & Syd Osterman, RIB) AFP reported 7/3 that RNC had ceased xmsn following decree by Pres Rodrigo Carazo. Stn issued communiqué claiming that since it went on air 6/79 it had been target of systematic campaign to destroy it. RNC would try all possible means to have the closure order rescinded. Meantime, on 9/3 stns forming part of the solidarity net would broadcast a news pgm prepared by RNC staff. The communiqué mentioned R Sweden, R México and R Canadá Intl amongst others as forming part of the network of solidarity. Obs show that RNC has remained unhrd on 9615 since 0100 7/3 (WBI 12/3) Also mentioned in the list of supporting stns hrd 0235 4/3 were XEW and R. Educación, Mexico. Altho RNC's reference to RCI was somewhat scrambled, there's no question they were referring to it. Strangely, on DX Digest 7/3, Hauser only referred to a "Montreal station". While the staff may have misunderstood RCI's intentions--RCI is certainly not going to re-broadcast RNC pgms--the mysterious CR stn was clearly claiming to have the support of RCI! (SWNS) I wouldn't mention RCI unless I was positive that was the stn referred to--from what I could hear, I thought it might be an AM or FM stn (gh) The CR Minister of Public Security, Carlos Argüedas, resigned as a result, one day before RNC was barred from the air (Granma Weekly Review, Havana, 1/3 via Philip Hiscock, Nfld) [Cf Mar LN-4] Re RNC being on 9490 21/2--I tuned in at 0155 and stayed with some beautiful mx; clear ID 0200 and there was no R. Moscow IS; at 0228 another RNC ID and end of xmsn, then RM IS; but three succeeding nights I monitored only RM's SP pgm, but maybe another SP under it. I suspect RM monkey business (Hadley D. Cress, VA, 24/2) Tho RNC months ago tried 9490, perhaps RM had a pgm about RNC situation, or will elevate it to a "R Magallanes" type "station" (gh)

CYPRUS GREEK Nicosia GK via BBC Fri-Sun 2210-2245 now on 6155 9585 (Wolfgang Blüschel, Feb 8)

E WDXDC TURKISH R Bayrak obs in EG & GK 1100-1300 & 1600-1900 on 6155 (WBI 12/3) 3)

E CZECHOSLOVAKIA Prague semi-decent in EG 1530 on 15110; //21505 mix Saudi (Rolf Gunnar, CO, 3/)

DOMINICAN REPUBLIC What has happened to Rudy Espinal & R Clarín weekends on 1700? Not hrd since 18/1--also sent report 19/1, but no reply. I enjoyed "This is Santo Domingo" when I hrd it so will continue to check every weekend (Tony W Campbell, VA) All one can do... (gh)

ECUADOR 27/1 letter from Escuelas Radiofónicas Populares says they want install new 10 kW xmtr for 5015 in March--April for sure; reports will be wanted (Kazuya Asano, Tokyo, Radio Nuevo Mundo) HCJB and in SP 19/2 that its new 500 kW computerised xmtr had been brought into opn, specially modified to work at Quito's [Pifo's] high altitude and was of the modern "energy efficient" type (WBI 12/3) 500 kW sked: 0030-0230 EG 15155 N&SAm, 0230-0530 RS 11835 Eu, 0930-1130 SP 11955 N&SAm; reports wanted (Anex Mar via Charley Hoffman & Eric

Falkenhan) I strongly suspect that despite lack of appropriate antennae, HCJB was using 500 kW on GMT 19/2 around 0800 on 9760--this fq usually heavily QRMed by Australia but this one day HCJB much stronger and only slight interference (Joel Rubin, CA) What's the SP stn on 15014.8 1/3 to 0230*, 2/3 0155 religious talk? (Andy Newton, CA) HCJB, mix @ 140 kHz between 15295 (SP) and 15155 (EG), definite ID 0159--audio on the spur mostly SP and clearer than on QRMed 15295! (gh) Another HCJB spur on 14950.0, 11/3 0100 (Newton) That'd be 205 kHz mix between 15360 & 15155--in both cases involving the 500 kW monster (gh)

EL SALVADOR YSKLB, R. Universal hrd on 2310, during a 14/3/1979 bandscan at 0340-0800, 3 H x 770 the listed 780 in WRTH (Jürgen Knoppke, visiting San Cristóbal de las Casas, Chiapas, México, Radio Mundial via 1/81 Benelux DXC) I won't say this is impossible, but the Salvadorian [not Salvadoran as US media are making it] harmonic on 2310 I definitely IDed years ago as 2 x 1155, Ondas Orientales, San Miguel as it is now listed (gh)

EQUATORIAL GUINEA R Ecuatorial, Batá, Rio Muni registered 15190 with IFRB for M81, but only for 'occasional' use 0530-2300, except 0630-0800; 50 kW, 13 dB aerial; should be lots of QRM from Congo, Belgium, France, Spain (QTH Africa 10/2) R Ecuatorial Bata hrd back on old 5004, mornings non-stop Af songs to 0500 ID in SP, then local lang (Finn Krone, AWR DX 22/2)

FINLAND R Finland was to move all its external SW pgms one hour earlier from 29/3 due to T the introduction for the first time of DST, so this is the EG sked in effect until 6/9: E 1830-1900 15265 11835 (15435 ex-11835 from 3/5). 2030-2100 6120 11755 15270. 0230-0300 Nam 11755 9645 (15400 ex-9645 from 3/5). 0700-0825 Sun 15265 21465. 0830-0900 6120 11755 15265 21465. 1200-1230 Nam 15400; 15265 Eu. 1230-1325 Sun same. 1330-1400 Nam 15400 21475. Also using 11m for first time, 25950 in FN 1530-1615 (Sun 1620), now 1430-1515 (Sun 1520), beamed due S but good here. While at 0330, 11755 ex-11735 mixed badly with Dubai (gh)

FRANCE RFI pgms now one hour earlier due to DST; the fact that there is hardly any DST in Af T target area doesn't phase them. So for six months from 29/3, Paris Calling Africa is at E 1605-1655; fqs until further changes 3/5: 25820 21675 21620 21580 21515 17860 17850 17720 15315 15300 11845 (gh, sked also via Charles George & Ralf Munster)

GABON Africa Number One consistently here on 4811.0 despite reports that they 'vary' (gh) ANO test hrd on 15345 0500-0700, Af & western pop mcs, amnts in FR, SP, EG, extremely strong (Alan Doyle, Melbourne, RA DX 15/2) Maybe but 15435 below (gh) A relay of RFI Af svc in Fr hrd 1800-2130 on 15345 11810, thought to be via Moyabi (WBI 26/2) RFI on new 11810 15435 from 1800, satellite-delay in audio but Gabon unconfirmed (Martien Groot, Holland, SGDX 3/3) Chafne Sud [Af svc] hrd From *1900 on 15435 (Gerhard Zastrow, W. Germany, ibid.) 10/2 to 2130* on 11810 //15435 with distinct 'relay' sound ½ second ahead of Paris fqs like 15425 (Bob Padula, ADXN) Unless a deliberate delay is introduced in Paris, which seems unlikely, this can only mean the pgm you hrd originated in Gabon and Paris was the relay! (gh) The 1800-2130 is experimental, 15435 WAF, 11810 CAF, Cam, Chad, Zaire (Kimiichiro Murakami, Tokyo, JADX via ADXN) Claims by ANO that it is strongest stn on continent are incorrect. For example, R. RSA has a total of 2500 kW compared to ANO's 2000, and R. RSA also uses more power at one time than does ANO (QTH Africa 20/2) Yes, this is a lie, and Libya's four 500 kW plus lower powered units also add up to more than ANO's (R Levinstein, RN PT DX 19/3)

GERMANY EAST RBI excellent on 15100 at 0645-0730 for SEAs, superb 8/3; Nam svc was inaudible E --and this stn is giving technical assistance to 3rd World stns--oh, horrors (Charles George Dallas TX) Same here, but 16/3 15100 was covered by USSR while //17700 was strong and eminently usable; nothing on third fq, 21465 (Ralf Munster, Decatur GA) Presumably moved along T with everything else to one hour earlier, 0545 since 29/3 due to local DST, as RBI did last year; however, RBI Journal says "some changes in times" rather than "all times change" (gh) Q RBI has 35 QSL designs available! (Bill Matthews, OH)

GERMANY WEST [cf Mar LN-11] More on the bombing at RFE HQ in Munich, per an interview with an RFE/RL spokesman made by Jonathan Marks on RN DX Juke Box 26/2: A 15 kg explosive almost completely destroyed one wing of the building; it was in the corner where two wings meet; blew out hundreds of windows. Four employees injured, 2 quite seriously who may lose eyesight. It was a professionally done job. While the building was evacuated, only a sesqui-hour of airtime was lost (gh) Blast occurred nr the Czechoslovak dept, also damaging cars in the area; police thought it was 22 lb of plastic explosive set by a rightwing extremist who was himself killed in the explosion (Elizabeth Pond, Christian Science Monitor 23/2 via RFB)

GRENADE Damage estimated at \$2 million (Newsday 23/2 via Foxworth, RIB) Subsequent press reports indicated a suspect was apprehended driving a car seen in the area at the time (gh) DW EG to E Nam fqs changed to: 0120-0150 6040 6085 6145 9545 9565 11865 15105, 9590 ex-6100. [so Malta? gh] 0530-0550 5960 6100 9545 11705 11905, 9650 ex-6185 (Eric Falkenhan, Baltimore MD) 6185 taken over by WYFR GM to Eu; Mar DW Program also shows 6155 at 0530, unhrd (gh)

GREECE Thessaloniki DS on SW M81: 0500-0830 Sun, 1000-1430 & 1830-2030 on 9575 and 9675 via 35 kW VOA senders. 0630-0730 VOG GK to Eu via Avlis on 11860 ex-11730 //9655 (Sennitt, WMR)

GUANACASTA Barbados newspaper Advocate News reported 17/2 that work had begun on a new xmtr for P R Free Grenada, 5 mi N of St George's at Beausejour; RFG is currently at Morne Rouge. New facility tnx Cuban help, 75 kW compared to present 1 kW (on MW). Cuban techs installing it M and training Grenadian personnel to operate it (WBI 5/3) Presumably MW? (gh)

GUATEMALA Diario de Centro America newspaper reported 17/2 that a decree issued by the Comms & Pub Works Ministry 19/1 approved a concession extension to CA Benevolent Assn to operate cultural stn R Maya, on 3325 & 2360 1100-0600; 1 kW (WBI 5/3) So that's why call is TGBA(gh)

GUIANA FRENCH France Inter reported 12/2 that a longstanding project to set up a relay stn P in Kourou would be embarked upon, to put RFI on equal footing with BBC or VOA. Three 500 kW xmtrs would be satellite-fed, one toward Mexico, one for Brazil, one for all of LAm. R France Dir-Gen Jacqueline Baudrier said could be completed by 1984. This project would help

reverse the decline of the FR lang in the world vis-à-vis EG (WBI 19/2) Fr reported that on 23/2 the Council of Ministers ratified the Kourou agreement (Cayenne, 3385 0206-0500*, very big signal much later than WRTH-list s/off of U spl pgm, perhaps outdoors, speeches, calypso, etc, past local bedtime of 0300/C 3 (Syd Osterman, Ont.) Not even carrier on 4/3 check at 0300, but poor condx (Syd Osterman, Ont.)

GUYANA GBC 5950 noted 0750 w/full ID as "GBC Channel Two" contrary to WRTH 81 sked and ID as Action Radio GBS; cf recent confusion on 5980, WRTH 81 still lists defect ra this fq. Surely we deserve greater accuracy for \$16.50?? (Syd Osterman, Ont.)

HONDURAS New stn La Voz de la Mosquitia, Puerto Lempira, hrd 28/2 0030 on 4910 (Andy Newton, GA) Tuned right in and hrd here too, het on low side; ancr has heavy EG accent in SP, even more so in EG around 0100 calling David Crawford; off at 0300 after "Dios bendiga" and no formal s/off msg or anthem; 0300* seems consistent, noted several other nites. Sounds like a US missionary sitting in the jungle doing his thing (gh) It's Baptist, also hrd some of their taped pgms in SP & EG, call is HRXK (Andy Newton, 3/3) 24/2 *1200 sharp, s/on w/mx fanfare, C&W mx; 26/2 0104 EG after Miskito lang pgm; seems family-operated, folks from Mississippi or w/relatives here. Said sked is 1200-1400 & 0000-0300; EG sked at 0100-0130 (Jack Jones, Jackson MS) 28/2 good 0027-0130+, 0300*, some nites s/off earlier due to xmtr trouble(?), gospel mx, even some ABBA. Great EG pgm nightly 0100-0130v w/dedications for friends in Caymans, US, tapes from stateside churches. This nite mentd still having small animal problems as ancr just had to stomp a large scorpion and something just flew in and was glaring at him; (Bill Whitacre, TX) LV de la Misquitia [could be, but certainly not 'Justicia' as initially reported elsewhere; it's named for the east coastal region of the country -gh] 0220-0259*, frequent IDs (Don Moore, PA) Heavy on Elvis, wraps up with religious msg around 0250. Also mentions Laguna de Caratasco, which separates Puerto Lempira from the sea. Does the sudden appearance of an SP/EG stn on the Nicaragua border strike you as odd? I remember the Gibraltar Steamship Co with no ships and "La Luna Es Roja" not long ago... (John Futch, GA) No, but C.M. Stanbury will probably make something of it (gh) [Cf Feb LN-5] New 3250 stn is R. Luz y Vida, 250 W, 2200-0400, religious, HRPC is call, on MW 1600, in Sta. Bárbara Dept. (SCDX 10/3) Nazarena derived from a program title (gh) R. El Mundo hrd on 6700, 14/2 at 1408, mx, TC, ads, 5 x 1340, slick DJ with echo IDs, surprised to hear this (Mitch Sams, AR, Ozark Mountain DX Club) Previously reported on 2680v (gh)

HUNGARY Like East Germany, Finland & France, Hungary's DST from last Sun in Mar to last Sun T in Sept forces overseas listeners to adjust to one hour earlier pgm times from R Budapest-EG now daily 0930-1000 ANZ, 1100-1120 M-F Eu, 1330-1400 As M-F, daily 2000-2030 Eu; 0100-0130 (exc Mon) NAm, 0200-0230 daily NAm; DX Tue & Fri 1415-1430, Wed & Sat 0300-0315. NAm fqs have been 17710 15220 11910 9835 9585 6000, and when the MUF is up 17710 or 15220 can again be superb compared to rotten audio on 9835, QRM on 11910 9585. Also, tho R. Budapest EG sked never mentions them, there is a weekly EG pgm on Hungarian history etc., often more interesting than publicised xmsns, apparently produced by Hungarian lang section from whose time it is carved; should now be GMT Mon 0300-0330, Wed & Fri 0030-0100, same fqs (gh)

INDIA AIR DS hrd with EG nx at 1445 on 9950 (Rolf Gunnar, Denver CO)

J INDONESIA [Cf Mar LN-6] VOI back on 15150 since 15200 QRM'd by jamming & NHK/Peking 15195; EG hrd 0800-0900 but best after 0900 in ML & CH; 11790 u/DW Antigua GM slop 11785 (Dale Park, HI) Moscow now on 11790 to 1800 obliterating VOI; Cuba relay? (Rolf Gunnar, CO) No (gh) After 2 days, 15150 again ex-15200. A visitor to Bali discovered RRI Denpasar 0900-1600* on new 2420 // 3945; stn also has EG nx, commentary, local nx for tourists 0030-0045 (Victor Goonetilleke, Sri Lanka, SCDX 10/3) RRI Bukittinggi hrd on new 4910v ex-4828, s/off varies 1555-1605 (Finn Krone, Denmark, DSWCI/AWR DX 22/2) 6/3 was my best Indonesian morning in 20 months of DXing-Ujung Pandang 4719 was SIO 444, 1110-1135, many IDs and mellow western mx (I don't mean CW). Sorong also hrd. Ambon 4845, nice EG ID 1158, brief exotic reed instrument IS (Maxfield Greenwood, PA) Mar/Apr seems to have taken over as the main Indo DX season; 4/3 RRIP-Surabaya on 4698½ 1300-1320 fade, local nx, 1310 into drama; 5/3 RRI-Biak on new 5450, not //6207 and has nx on hour: 1300 horrendous relay to 1324 (Bill Whitacre, TX) Since mid-Jan RRI Jakarta has re-edited different pgms' fqs; Programa Nasional now on 4775, +1000-1715*, 2332 also ancd. RRI-Sibolga on 5259 *1100-1500*; RRI-Surabaya on 3975 +1000-1500+, RRI Surakarta on 4900 +1100+. RRI Ujung-Pandang 4753 not 4719, or // 4719 +1000-1530* in end of 1980 (Atsunori Ishida, IDXR) RRI U-P hrd on 9510 around 0700 in end of 1980 only (Shigenori Aoki, IDXR) RRI-Dili opd in // 2456 as follows: mid-Nov 1980 on 3305; mid-Dec 3305 or 3120; end of Dec 3120; 22/1, 3305; mid-Feb 3120 (Atsunori Ishida, IDXR). RRI-Jayapura eve s/on hour earlier since Nov, 0700 (Ishida, IDXR) RRI-Jayapura obs on 9612 since 11/80 // 6070 +0700-1400* (Aoki & Shibata, IDXR) RRI-regional Biak obs on 6207½ at +1000-1400* since early Jan (Ishida, ibid) RRI Biak hrd on 7212 // 5451 +1000-1400* (Atstomo M Ohts & Ishida, IDXR)

INTERNATIONAL WATERS R Caroline LN-15

IRAN VOIRI reported that on 21/2 it was decided to abandon time change, so the year 1360 T (beginning 21/3/81) would be without time change. Probably means that Iran will remain on GMT + 3½ (WBI 26/2) So this time EG should stay at 1930-2030 on 9022 (gh) VOIRI issued a statement 3/3 that these rules on news reporting must be observed: Do not ask for purely local reports and items of marginal interest to be broadcast. Do not send statements and declarations which have little or no news value. When an interview was required, please inform the news section at least one day prior to proposed broadcast (WBI 12/3)

IRAQ Baghdad's V. of Masses pgm had EG nx for 2 mins at 2257 on 11935, ancd as daily at 2230 --no target but in AR "America" was mentd; not hrd since, maybe for Gulf War (Sennitt DSWCI)

IRELAND R. Dublin on new 6910 from 22/2, hrd at 0550, also 0133 23/2 (Phil Marshall, GA) I put it at 6908½ (Raif Munster, GA) 6910 hrd 22/2 0600, usual pgm, and fq was ancd, best sig-

nal ever, good, strong & solid; sounded like it was next door!! (John Fisher, Chelmsford MA) 1/3 on 6910 0507-0615, requests, old & new mx (Rich D'Angelo, PA) Per DX Digest tip, hrd 3/3 on 6910 0415-0437, P-F, slicker operation than previously. Finally hrd some Irish ballads, welcome change from perpetual pop! Times ancd as local rather than GMT (Syd Osterman, Ont) Hrd around 0700 on 6910 22/2, ute QRM (Chris Martin, Sydney NSW via Arthur Cushen, NZ Calling 16/3) Apparently has had over 200 reports from Nam listeners (Gordon Darling, WDXC) Sent pgm sked with DJ names; Mon 0200-0700 has spl SW pgm, 1 hr ea in EG, SP, GM, FR [last hour unaccounted for] with Michelle & Imer; at all other times AM & FM & SW are parallel.

P "In near future we hope to operate a 2nd SW channel, on 14400 or 28000" (via Terry Colgan, TX)

ISRAEL Per a story hrd on Kol Israel, 26/2 at 0200, the prime-time BCs to NAM are financed P by the Jewish Agency, which feels money would be better spent on something other than SW. [To support the continuation of these BCs] write to: The Jewish Agency (American Section), Information Division, 515 Park Ave, NY NY 10022; or to The Jewish Agency, External Relations Dept. of the World Zionist Organisation, 18 Keren Hayessod, Jerusalem 92149 (J. Rubin, RIB) Another IDF--Galei Tzahal--fq, 4944 USB, hrd 0150, also GMT eves (W. Bdschel, GFR, WDXC)

ITALY Finally succeeded in ending time conflict with Vatican's Esperanto pgm, as in March RAI would thefts to Sat from Sun, at 2000-2020 on 11800 9710 1275 (Richard E. Wood, MO) RAI E EG M81: GB 1935-1955 11800 9710 1275. Medit 0425-0440 7275 6145. NE 2025-2045 11800 9575 7235. SAs 0350-0410 21560 17795 15330 [look for this one in NAA too], Japan 2200-2225 on 15330 11800 9710. Nam 0100-0120 11800 9575. IT to Ams: 2230-0100 & 0140-0305 on 15245 11905 11800 9710 9575. 1400-1425 Canada 21695 15245; 1830-1905 Cayada 21560, Cam 17795 & 15245. During soccer championships, at varying times [morn in Nam] play-by-play Sundays on 17715 SA, 17795 CA, 21695 NA, 15330 Au, 21560 Eaf, 21695 C&SAf (via Ruth Hesch, NY)

JAPAN R Japan reorganises some of its As svcs 6/4 and makes other changes; compare to WRTVH. Chinese 1000-1045 changes to 1045-1145 on 11940 9705 7235 (and 9645 added from 24/4). Chinese 1300-1345 extends to 1400 11875 9675 7140 and along with 1230-1300 RS from 24/4 replaces 9675 with 9645. SEAs xmen 1200-1515 extends to 1530; FR jumps from 1300-1330 to 1500-1530; IN 1330-1400 to 1300-1330; Thai 1430-1500 to 1330-1400; Chinese 1430-1515 to 1400-1500. From 6/4, Genl Svc (EG & JP) to Nam at 1900-2030 & 2100-2130 on 17795 ex-15270 [a bad move, I think]. From 24/4, GS drops 17710 at 1100-1130 & 15310 at 1400-1430, both to Eu. Perhaps after all this shuffling little further change will be necessary from 3/5. Oh yes, GH at 2245-2330 is dropped (gh) 7140 to As loud & clear in LA on first day, 1230-1345 (Grant P Sharman, Hollywood) Per Kyodo, P&T Minister said 17/2 that his Ministry was studying ways to improve NHK overseas BCs, perhaps by sharing a satellite with SEAs countries. Another minister during a recent trip to SEAs with the P.M. said it was very hard to tune into NHK Q there (WBI 26/2) R Japan has released 8 new QSL card designs (Bill Matthews, OH) Despite P-TM deleted from 15260 in new WRTVH, hrd there in Feb with 0500 nk, American Top 40; 15260 was the only fq ancd at that time (SWNS March)

KENYA VOK reported 7/3 that MinfoBC and Kenya would have an external BC stn by 1983 (WBI 12/3)

KOREA NORTH KCBS noted at 1430 in SP on 4405, at least first Feb week (Jim Davis, ibid CA)

LEBANON Kol Israel reported 8/3 that many Israelis would soon have another channel to watch. V. V. of Hope had begun expl TV from S Lebanon; in about 6 weeks VOH intended to offer an independent nx svc as well as a Western film ea eve and kidvid daytimes (WBI 12/3) The US State Dept is unhappy with VOH since Maj. Haddad used it for a \$5 million extortion scheme against the Beirut govt (AP via SCDX 17/3) In contrast a very positive article abt the stn appeared in Toronto Star 14/3, stressing the 'joyful sound' Kol Hatikvah brings to the troubled area and the constant danger of shelling its workers are subject to while commuting to & from work (via Syd Osterman) VOH/WORD hrd on 6215 in EG 0400 17/2 s/on, also ancd 945 MW, QTH as "Free Lebanon"; between muzak songs, sung IDs as "WORD in Lebanon"; F-P, fadeaway by 0500 (John Fisher, MA) WORD/King of Hope hrd 0550 EG nx, 0600-0700 AR for Leb, 0700 more EG, C&W mx; 20 kW power on 6215 (Arthur Cushen, NZ) R. Lebanon SA mvc now on 17715, 2300-0100 in E. PT. AR, SP (Roberto Levinstein, RN PT DX pgm 5/3) EG to Nam 0245 27/2 on 11820, mix BBC SP (Tony Clift, Ont.) But where is this 0230-0300 pgm now? Unfound on 15170 (gh)

LESUTU BBC new 100 kW xmtr expected to test late Feb relaying WS 150, sked: 0400-0545 9525, E 0545-1430 11710, 1430-1615 7185, 1615-2030 7250 (Chris Martin, NSW via Arthur Cushen) Hrd testing 11710 1030-1245 (once to 1500); it even relays the "BBC Atlantic Relay" [Ascension] ID ! Also testing 7175 and 6100 w/R. Lesutu pgm // 4800 at 1200 & 1430 resp (Richard Ginbey, RSA, RN DXJB 12/3) BBC Schedules Section confirms this unmanned BBC relay has been on the air for three weeks; tho owned by the Les govt, BBC will acknowledge reports (Marks, ibid.) Earlier info from BBC is that stn is not sked in regular service till later this yr (Sennitt, WMR DX 15/3) RL, 4800, usual *0400, choral & instl anthem, anmcs, EG & Sesotho, fq as "48 zero zero", into religious pgm to 0415 ID, nx (?), 19/2 (Syd Osterman, Ont.) **LIBERIA** LN-15

LIBYA Latest available sked from Tripoli: 6185 04-11 to S of Jamahiriya. 9600 04-09 & 17-22 NE & ME. 9625 01-03 & 11830 22-03 both Nam & Cam. 11860 09-17 NE & ME. 15230 17-22 WAF. 15245 22-03 Nam & Cam. 15275 16-22 Eaf. 15415 10-15 Eu. 15425 10-17 WAF. 15440 15-22 Eu. 15455 18-22 NE & ME. 17680 10-16 Eaf. 17930 10-18 NE & ME (Bob Padula, March ADXN)

MADAGASCAR RN at 0700-0720 EG nx has been 'testing' since Aug on 21480 and 25650 (now hrd with same strength) to ME. 9895-Lopik is 2½ times as strong as 25650 now [linearly or logarithmically? gh] as of 7/3. But tech difficulties, 14/3 not on, and 16/3 only OC (Park, HI)

MALAWI MBC now on 5995 *0400-2210* (Richard Ginbey, RN DX Duke Box 12/3)

MALAYSIA WEST Kuala Lumpur has been F-G for months on 9665, often 1130-1230+, in the B.M. DS, speeches, talks, mx, IS. Watch out for unlisted NHK (Maxfield Greenwood, PA, 8/3) more LN-15

MEXICO As of 22/2, XEUI had succeeded in transmitting on its authorized fq 5980 only once: 11/1-23/1 on 5915, 24/1-26/1 on 5865-75, 28/1-30/1 5995-6005, 30/1 5940-50, 31/1-11/2 5990-

6015, 12/2 6068, 13/2 6090, 13/2-20/2 6032-45, 21/2 5980 [Yay!], 21/2-22/2 5957-55. Further more the fq usually varies slowly during the course of a day by 5-8 kHz; it has also broadcast on two different fqs on the same day and once on two frequencies at the same time. The audio has improved and power and is 500 watts. News has been introduced as well as religious preaching. Radio Mil has likewise jumped around, as follows: 9/12-13/12 6010. Not hrd 14/12-24/12. 25/12-25/1 6010. 28/1-31/1 5955-60. 31/1 5935. 1/2-2/2 5910-18. 3/2-4/2 5865-70. 4/2-6/2 5850. 7/2-15/2 unhrd, 16/2 6010, 17/2-22/2 unhrd. And they even used two different fqs the same day. On the unauthorized fqs the audio has been at times defective, other times very strong, comparable or better than other Mexico City SW stns. R. Mil has never identified the fq on which it transmits (Horacio Hinojosa Arce, Monterrey NL) XEJ hrd on 5988a 0736 7/2, SIO 434, Mex mx, frequent IDs, bad mod (Michael Jones, CA, SPEEXD). Presumably XEJ was meant, see above and note late hour (gh) At 0200 4/3 I received KEEP, H R. Educaci6n, Mexico City on 2119 (measured) kHz, 2 x 1059 $\frac{1}{2}$. Usual cultural mx pgm and 1060 was covered by WNOE (Charles George, Dallas TX) Horacio's days were local (gh)

MONACO TWR EG as retimed from 29/3: Daily 0625-0755, Sat to 0800, Sun to 1000, Mon-Sat 0930 E -0945, Wed/Th/Fri -1000, all on 9495. DX pgm 3rd Sat 0745-0800 on 7200, 1500-1515 9675 X (via Wolfgang Blüschel, W. Germany)

MONGOLIA From March, R Ulan Bator EG 1220-1250 (exc UN) hrd back on better 12070 & 6383 ex-E 11825 & 7235; and also used for 1715 repeat; usually o/USSR on 12070 (gh) RUB is running a 60-th-anniv-of-the-revolution essay contest; details in Apr RIB (Maxfield Greenwood, PA) Montsame nx agency reported 26/2 that USSR had finished a new radio stn in Moron (Hovsgol aymag) ahead of sked; would ensure reliable reception over much of N Mongolia. This is probably one of a series on 209 kHz longwave (WBI 5/3) Like other newsies rather than SW? (gh)

MOROCCO RTVM adjusted to 21730 from 21735, AR 2100-2130, 5/3 (Bob Padula, Victoria)

MOZAMBIQUE Maputo 60m DS xmtr now drifted to 4856 from nom 4865; jams itself when EG *1800 J on 4855, world's first! Fqs drift constantly and here are 1981 WRTH ones followed by where actually hrd: Maputo 3210-3208, 3265-3265. 3338-3341. 4855-4855. 4865-4856. 4925-not hrd. 6050-6050. 7110-6977. 7240-7241. 9600-9532. 9620-9618. 11820-11818. 15295-15297. Beira: 3280-not hrd. 3370-3371. 6025-6024. 9635-9648 (QTH Africa 10/2) Maputo 9532 now moved to 9623, only 5 kHz from second Maputo outlet 9618; repeat performance of self-jamming possible. Beira was on 9636 a few days, since returned to 9649, QRMing SWABG (QTH Af 20/2) Impossible to determine fq usage with any accuracy; DS drifted to 4859, QRMing ES 4855 less. Maputo 9623 back to 9530v, often QRMing Angola 9535. 19mb drifts 15241-15318 (QTH Af 28/2) 6084-6090 at 0255-2200, //3280 and/or 9665 (Ginbey, RN DXJB 12/3) R Mozambique DS Natl Pgm L from Maputo in PT 0255-2212 on 15295 11820 9620 7240 4867 3210 includes foreign exchange rates 0600-0610 & 2100-2110, The Voice of Frelimo Sun 1130-1200, 3 min of ads 0700 & 1300, ideological "Meaning of Words" Mon-Sat 1645-1700. Maputo & Gaza Interprovincial Pgm also sked 0255-2212, on 7110 6050 4925 3338 (WBI 12/3)

NAMIBIA R SWA most days G-VG on 4965 from local sunset past 0500, some anmts seem to be ads; 3270 not hrd since Jan (Dale Park, Honolulu HI, 7/3)

NETHERLANDS Some possible: DX Juke Box topics: 16/4 harmonics, 23/4 filters, 30/4 (possibly H extended to 43-48 min if no Newsline due to local holiday) "Hitchhikers Guide to DXing" epix sode 2--what really goes on at the ITU!; 7/5 Soviet broadcasting as this is their Radio Day, L and name change of DXJB to Media Network (Jonathan Marks) R Nolan, LN-12 & 13

NETHERLANDS ANTILLES Poor reception on RN xmsns to Nam was because both xmtrs were running at 1/3 power, 100 kW waiting spare parts, now back to full power pushing aside splatter better. Breaks in modulation are the fault of the satellite link beyond our control. Listener complaints will help us get the PO to correct the problem (Wim van Amstel, RNDXJB 19/3) [Cf E Mar LN-8] TWR new EG on 9755 opens at 0430 w/"Caribbean Nightcall"; unid SP QRM from 0500 and AFRTS comes on later (Dale Park, HI, 7/3) Well, now hrd here from *0400 and at 0500 said E pgm would run another hour, but not sure when actually s/off now (gh) **NICARAGUA** LN-15

NEW CALEDONIA R France Dir-Gen Jacqueline Baudrier mentioned construction of an RFI relay P here as one of three such projects with French Guiana & Sri Lanka (qv) (WBI 19/2)

NEW ZEALAND Rare to hear RNZ on 15485, but it booms in when the 'airplane' turns its motor off--around 3 or 4 am local! (Charles Kristan, PA) RNZ 15485 only sked to 0815 GMT (gh)

NIGERIA R Nigeria Lagos reported 10/2 that the main distrib board at FRCN Ikorodu xmtr complex had 'blown up' 6/2, a few hours after R Lagos moved out after using it on loan. Cause under investigation; both stns maintained they had cordial relations, but there was another such explosion last Aug putting the stn off the air for days (WBI 19/2) 4770 xmtr IDs as E "English svc of R Nigeria, Kaduna" and 'Ch 2 of R Nigeria, Kaduna", 0400-2400; Lagos news relayed 0600 & 2100 (WBI 26/2) R Nigeria Lagos reported 3/3 that R Nigeria Owerri had been officially opened in Imo State; no further details (WBI 5/3) R Nigeria Lagos reported 8/3 that Gongola BC Corp (GBC) was to spend 6.8 million naira this financial year to expand its services w/stns in 4 more cities, and a 2.8 kW stn at state capital Yola (WBI 12/3) VON EG pgm E hrd on 15120 1510-1525 when Vatican s/on, SIO 343 peak, 26/2, no longer hrd 3/3 (R Gunnar, CO) Clear after 2130 on 15120, but audio & readability poor; Nig nx Sun 2145 (B Prokop, OH)

NORWAY [Cf Feb LN-9] On 7/1, NTA decided to use 25730 for all R Norway xmsns 0700/2030 replacing lower fqs: 0700-0830 ex-21655, 1300-1430 ex-9590, 1500-1630 ex-17795, 1700-1830 ex-17715, 1900-2030 ex-17775; 250 kW exc 1500 & 1900 120 kW; only to Nam is 1500 (gh, Dale Park) Tentative J81 to Nam only: 1300-1430 17840, 1500-1630 15175, 1700-1830 15345, 2100-2230 on 15345 17795, 2300-2430 9605, 0100-0230 9610 11860 11870, 0300-0430 11860, 0500-0630 21655, but some of the 25730 shift may carry over on this, planned before that was decided (gh) H R Norway hrd on 18045 1/1 1155, 3 x 6015 (J. Kunst, Rotterdam, Benelux DX Club)

PAKISTAN R Pak obs in Dari to Afgh 1600-1800 on 5093, ID as Islamabad (WBI 12/3) ES to UK

E now on 15495 9460 incl EG 1645-1740 (WBI 5/3) R Pak hrd on 4735 1155-1217 with 5 slow time pips at 1200 (GMT + 5 = 5pm) [Coincidental, surely, 5 pips whenever a timesig is sent -gh], ID, kids reciting & shouting, lang unk, F-P 12 & 13/3--both good subcont days if anyone cares after the event!; Cf Mar LRA-2, China Urumqi 2345-0105 on 4735 and tent Pak 2035-2040 on 4737; also Feb LRA-3 4738 unID 1255-1430 (Syd Osterman, Ont)

PAPUA NEW GUINEA R East Sepik, 21/1 first time in a year [fq? list 3335 & 6140] 1145-1215, 322 pidgin, island mk, IDs. R New Ireland, 2428, 12/3 1102 tune in to 1120 fade, peak SIO 333, pidgin, IDs, 9 pm TCs, chatty talk, I presume greeting letter writers; 12/3 1120 then tune in R Madang 3260, Silicone Teens' version of "Red River Valley"--new wave in PNG!; crystal clear ID 1130--two 2-kw Papuans in one morning--my cup runneth over (M Greenwood PA)

PARAGUAY booming in on 11915 0160 16/3 just as per Mar LN-8. Took me 18 yrs to hear them! IDs every quarter hour; mostly harp folk mx, but also mentd R Nederland; poor voice mod; s/off 0154. Very good. Thank you very much (George Schnabel, Rochester NY) Daily at 0030-0100 they have a SP pgm from a foreign stn; 26/2 VOA, 28/2 RAI on Neapolitan folklore! (Dario Monferini, Play-DX, Italy) Some external service for Paraguay... (gh)

PERU [Cf Feb LN-9] R. Oriente, Yurimaguas on new 6190, first hrd as unID 6/3 *1103, long wobbly anthem; 8/3 *1103 90% sure of ID and calls OAX8Z & OAX8I, QTH as Yurimaguas, Loreto; also 9/3 s/on w/"The Sting" theme [The Entertainer by Scott Joplin], then MA (Jack Jones, MS) S/on gives only 6190 & 1420 kHz [so no more 3284w?] (K. Nakao, R Nuevo Mundo) First hrd on 6190 15/2 0810-0848 (T. Hirata, RNM) Also hrd by many others w/s/on around 1101+ (Aoi, Hirahara, Asano, Murao, R Nuevo Mundo) LV Huamanga, 1105-1131 2/3 on 6068z (T. Murao, R Nuevo Mundo) Nom. 6070 (WRTH) R Libertad, 5040 P-F 1031-1115--R Cinco not to be hrd--super & wild crazy huaynos, a Mardi Gras of Huaynos, even wilder than Chinchaycocha, the previous champ of "bust-out" huaynos, break-in IDs by YM (let's get some old habits adjusted here) (Maxfield Greenwood, PA) R El Sol de los Andes, Juliaca now anc new 9618, // 3230 (Emilio Pedro Povrzenic, Argentina, RA DX 8/3) R Atlantida, Iquitos seeks reception reports on its new 4790 equipment (E.P.P., Mar ADXN) R El Sur, Cuzco now on SW 9635 1000-0500 (WRTH via RA DX 22/2) R Tacna hrd in Sweden 30/1 2305 on 9485 (SWB via Play-DX 23/2) Per R America, Lima 18/2, the Transport & Comms Minister has disclosed that the power of radio stns in Peru would be increased 'to allow better reception in distant areas' (WBI 26/2)

PHILIPPINES FEBC hrd on 6030 in EG from 1200* of AFRTS to their own 1230*; 15 kW DS (Don E Moore, PA) FEBC recently deleted 17810 for EG but 15395 2330-0200 & 15310 0200-0500 are now used (Alok Das Gupta, India, RA DX 15/2) R Veritas Asia will have spl BCs during PJP2 visit 17-20/2 between 0500 & 0930 on 16, 19 and/or 31m (ibid.) Hrd coverage of pope's visit incl speech in RVA auditorium, 21/2 0830-0900+ on 17800, weaker than // 15335 but stronger than // 15320 (Dale Park, HI) RVA hrd more or less daily on 17705 w/SC mx 0130--do they have a Hindi svc now? (Jim Davis, Davis CA, 17/2) RVA 17705 13/2 0242 YL talking in unID Asian lang, 2 clear IDs (Tony Clift, Campbellville Ont)

PORTUGAL R Polonia advises that they have 7 QSL designs available (Bill Matthews, Columbus OH) PORTUGAL R Portugal in March and this EG sked: 0300 6025 11925, 0500 6185 9575, 1600 21475, E 1800 15340 17880, 2030 6025 9740 11795; the 1800 on Sat is on 17880 only as it is Sun when X it moves to 1700; the 1600 is not hrd on Sun (gh) Le Club Ondes Courtes du Québec produces a DX pgm in FR over Rdif Portugaise, "L'Onde Radio", every 4th Fri of the month to Canada in the 0030-0100 on 6185 11925, Eu 2100-2130 6025 7185 9740 (Guy Marcotte, COCQ, SCGX 10/2)

E See above EG adjacencies for likely current fqs (gh) On 20/3 RFE's Fri-only EG "Commentary" J produced by Czechoslovak Dept was monitored as follows at 2150-2200: 17835--best tho jammed, 15255 audible tho J, 11825 barely detectable u/J, 9725--poor, co-channel Turkey, 9565 J like 15255; no other // s found 13-41m, nor was this audible on any of the SSB feeder fqs appearing in Steve Handler's ute guide. I expect that from 29/3 pgm will be Fri 2050-2100, perhaps again on a special 19m channel like 15290 or 15420, also maybe 21720. The Fri after a bomb went off this program instead consisted of press reviews about that event (gh)

SCOTLAND Weekend Music R hrd on 6260 0700 15/2, weak, deep fades, pop mx, so weak I could hardly hear ID; at first I thought it was U.K. Music Radio; tnx to Chris Lobdell for ID and addr (John Fisher, MA) 15/2 test weak audio *0531-0600+ when lost or off air, back in after 0630 and gradually better; 0718-0735 by far the best, S8 peaks, 0738*. Started on 6260.7 & down to 6260.4 at s/off. Some RITY QRM; never hrd Scotland mentioned but Cambridge addr; considerably better than 1/2 test which was barely hrd just at 0753-0802* (Bob Foxworth, NY) Me too! Me too! Me too! I heard it too!--pro DJ, test anmts, slow spelling addr, P-VP at 0535-0625 15/2; forgot to check 1/3 (Maxfield Greenwood, PA) see also LN-13

SEYCHELLES FEBA EG M81: 0400-0455 EAF 11915, 0700-0745 SAs 15170, 1520-1605 (Sat/Sun 1620) E SAs 15325 11855, Full fq sked: 6140 0042-0145, 9510 1827-1845 (S/S 1900), 9705 0042-0145, 11715 1642-1730, 11855 0157-0300 (0245 M-Th) & 1222-1605 (S/S 1620), 11860 1637-1800, 11915 0312-0525, 15130 0157-0300, 15170 0657-0745 & 0927-1000, 15300 1802-1835 (F/S/S to 1850), 15320 1222-1500, 15325 1500-1605 (S/S 1620), 15360 0445-0525, 15400 0307-0445, E 15430 0917-1005 (M/W 0950) (FEBA)

SICILY RAI Caltanissetta, 7175 12/3 *0500 pips, EZL mk, up to fair by 0530 (Greenwood, PA) SINGAPORE SBC up from 9530, 9535 to 9536.5 for EG 2230-1630, 14/2, old salvaged xmtr? (Victor Goonetilleke, Sri Lanka, ADXN & RNDXJB 26/2) Given as 9636.5 on SCDX 10/3

SOMALIA [Cf Feb LN-10] I wonder about this; I haven't been able to pull an ID out of them for two years even tho I've had about 6 chances when booming in prior to 2100*. They've been on 9586 for a long time, not 9585; and until M81 our dear caring-for-the-long-established-services-of-"locals" bigot friends at R RSA have had Lozi pgm on 9585 at 1457-1957 [now on 7270]. I've been fooled by R RSA before, strong & clear w/mx similar at times to Somalia. You can tell Somalia largely by its relatively often lang shifts and the martial

drum stingers during newslake breaks. An ID?--ain't never heard one. They often leave the air with nothing resembling one. Now that I'm in Washington, loud & clear days for Somalia are rare indeed. But now that RSA's elsewhere with its Lozi (insert a "u" after the "o" if you'd like my opinion of their previous fq choice), I may have a chance. And I dunno if Somalia uses time pips at all--that may be a bit out of their league (Dave Newkirk, AK7M)

R Mogadishu, Somalia Broadcasting Service, all pgms in Somali on 6095: 0300-0500 (FRI 0400-0600) & 0900-2100 (including 1530-1630 ES in SH). R. Hargeisa on 11660v, 7120 (WBI 19/2)

SOUTH AFRICA R RSA M81 EG: 0200-0257 Nam *11900 9585 5980 [15325 was also continued provisionally until MUF drop got it]. 0300-0427 E&G&Saf *11900 9585 *7270 5980. 0630-0730 W&E&Saf/UK&Eire *21535 17780 15220 9585. 1100-1157 & 1300-1557 G&E&Waf/UK&Eire/ME 25790 *21535 15220. 2100-2157 Waf/UK&Eire 17780 15155. *500 kW, rest 250 (R RSA) For GM 1800-1857 16/2, using 21532.6 tho announcing 21535, first time obs on a split, doubt drift, J test? (Ralf Munster, GA) Move due to VOA-Russian on 21540 & Jamming (WWDXC) Was on 21532,5 in Jan & Feb starting with DT 1700 but now back on 21535 to 2000. On 17750 at 1952 22/2 with IS, EG/FR anmts and FR nx; day before on 17775 in FR; in fact only a few mins earlier on 22/2 hrd PT on 17775 (Dale Park, HI, 7/3) SABC testing daytime on 7100 & 7305, with OC, EG svc (Richard Ginbey, RNDXJB 12/3) Domestic SW not changing fqs. All xmtrs are 100 kW, beamed WNW except 3250 which is omni (QTH Af 28/2) Transkei's Capital Radio on 7160 ex-7230, 0400-2200, sometimes 2300; 3950, 9765, 11750 not hrd (QTH Africa 20/2) [Cf Feb LN-10] the R RSA 21+ MHz fqs reported should have been 25+ MHz (Andy Newton, GA) more= LN-15

SRI LANKA SLBC Af/ME svc hrd fairly regularly at unlisted time of 2000-2030 EG, nx, listener E requests, seems to be retimed from 1845-1915 (Andy Sennitt, WMR DX 8/3) No fqs given, but WIRTH list on 17850 15120 15115 11800 (gh) QTH Africa DX reports are now aired on Radio Monitor International the 3rd Sun of each month, different from the ones on R SA & KTRW. RMI sked Suns 1100-1130 11835 1220, 15120 360, 17850 800, all 35 kW. 1300-1330 on 100-watt 4940 + AM&FM. 1500-1530 on 6075 10 kW 3500, 9720 35 kW 3500, 11800 100 kW 3120, 15115 35 P kW 2500 (Miki Včelař, QTH-Af 28/2) VOA will build a new relay stn here of 6 x 250 kW xmtrs. SL govt will have right to ask US to turn them off temporarily when called for by national interests; 20-year agreement from airdate. Minimum number of US personnel initially, phasing in more SLans; satellite-fed; US to give SL a 100 kW SW xmtor or equivalent (Ceylon Daily News via Victor Goonetilleke) [Cf GUIIANA FRENCH, NEW CALEDONIA] RFI has a project to "set itself up in Sri Lanka with the Germans" since it is not being heard in the FE (WBI)

SWAZILAND TWR xmtor usage thruout the day: #1: 3240/7195/11760/6070. #2: 3275/5055/9730/9710/7295/5950. #3: 11740/11940/11845. #4: 4760/9710/11910/9710. #5: 3200/7210/11910/7210 Q 11965. We now have new QSL cards (TWR) TWR EG M81: 0430-0630 5055 7195. 0645-0830 9730 E 11760. 1200-1400 11910 (and on Sun 11760), 1530-1600 Sun 11740, 1600-1700 7210 11740. 1800-1930 6070 (Andy Sennitt, RNDXJB 19/3, also via Charles Kristan & Charles George)

SWEDEN Unlike some stns, R Sweden makes every effort to modify its sked as little as possible due to local DST from 29/3 (George Wood, Mailbag 22/3) EG changes on SW: 1600 drop 6065 but // 15320 changed to 15435 already 16/3; and 1230 EAs 15190 ex-15240 (SCDX 17/3) Swedish SSB hrd on 21646.4 6/3 2000-2100 (Marjorie Witte, Torrance CA) Full sked, Mar LN-10

SWITZERLAND SRI possible J81 changes compared to M81, as foreseen 12/12/80: 1315-1515 to 15305 from 21695; 2045-2245 21570 from 17850 [hope not, enough AFRTS QRM already at 1815-2038]; 2300-0130 15305 from 11950, 21585 from 15305, new 500 kW on 17850 (PTT, gh)

TADZHIKISTAN Dushanbé hrd 22/2 1553-1618 on 4635, poor in Ver & RS, Persian-sounding mx, ID ment "Tadjikstan", pause, 6 pips, IS resembling Minsk or Yerevan, RS nx (Dale Park, HI)

TAHITI Undated sked from FR3, R Tahiti received 14/3, has the EG newscast at 1900 marked E out, rest of sked matches WIRTH 81 [Where Tahiti is considered part of American Samoa, one of many problems caused by their ignorant new American associates -gh]; being heard here in Chicago around 0515+ on 15170 with enchanting Polynesian mx (Richard D. Boltuck)

TAIWAN Latest BCBMS sked for VOFC shows several Chinese lang xmtns to NAM missing compared to WIRTH 81, Cantonese at 0200-0300 & 1300-1400. It also totally integrates the 5980 kHz E xmtns of Voice of Asia under the VOFC heading, incl EG 1030-1040, 1100-1200, 1500-1530 all to SEAs (WBI 5/3) This is confirmed in DX Front Line, via A. B. Ahmad, but it is not clear whether this applies to Sat & Sun only, or daily (gh) VOFC remarkably good during an ionospheric disturbance, EG 2130-2230 on 9610, asked for taped reports which will be returned with Chinese mx recorded on them; QSLs have flower designs, and different commemorative stamps will be sent out each month on request. A stn for collectors (Andy Sennitt, WMR 8/3)

H THAILAND 7110 hrd on 2nd harmonic 14230 around 0630 (WWDXC) No way, either 7115 or 14220

TUNISIA RTT Natl net 100 kW from Sfax on 15225 & 11970 to Maghreb & ME, 7225 (listed as 7275) to Eu, 0430-2330 all in AR [WRTH has 0430-0030], including nx & commentary in colloquial Arabic at 1100-1115 & 1800-1815 (WBI 12/3)

TURKEY Look for VOT to have made fq change 1/4 (gh) VOT will have a new series on the Armenian question Mondays from 6/4 (George Wood, SCDX 17/3) VOT studios have a suit & tie dress code, most of the mx is on tape from personal collections, they must conserve tape so there is no cut-editing, tea is served, news is now govt-controlled from another building, the 1200 & 2030 pgms are tape-repeated at 1330 & 2200 (George Wood, Apr RIB) Newspaper Milli-yet reported 5/2 a tech deligation had gone to Switzerland for talks re two new 500 kW Sw xmtrs for VOT, to be purchased and commissioned this year. VOT's aux 100 kW had developed a fault (WBI 19/2) more LN-15

U A E UAE Radio, Dubai, F-G in [new] EG prgm 1630-1700 on 21625, hrd 15/3 & 16/3; latter was E 15 min nx, then "Trade Routes, Markets & Commodities Which Existed in the Arab/Islamic World in the Middle Ages" (Rolf Gunnar, CO) Also noted 15/3 //21655 21700 (Neville Denetto, Kakabeka Falls Ont) And 22/3 same 3 fqs tho announcing 13, 16, 19mb ones (gh) As of 9/3 the

0330 EG extended to half hour and on new 15320, 11755 to NAM, 9640 SAs (Brian Prokop, Tiffin OH) As of 3/3 this xmsn was well hrd on 17775 ex-21700 (Rolf Gunnar, CO) But quickly changed to above, it seems (gh) 8/3 ending EG 0400 on 15345 (Tom Hinerman, Nelsonville OH) 17810 *0430 3/3, 21700 *0600; 17810 switches to 17775 around 1015, both usually off by 1100; AR nx 0500 & 1000, EG 0530 & 1030 (WBI 5/3) Have been closing around 1100 to allow the contractor to work on the switching unit; three 300 kW xmtrs at site, room for one more; can use up to 32 preset frequencies; other langs planned; maximum sked for AR 0330-2200; now have EG pgm on AR culture after 0330 nx; getting 100 letters a day (UAE Radio spokesman interviewed on DKJB 12/3) By 9/3 must have finished switching work, as 21655 continuing much later, QRMing ORF to NAM 1230; // 21625 comes on between 1315 and 1330 (gh) Site is 45 km from Dubai (Peter Bunn, Mar ADXN) Also hrd EG 0330-0357 15320 17/3 (Fred Kohlbrener, PA)

E UGANDA has been staying on 9730 past 1530, EG nx 1515v as often as 4 days per week (Gunnar)

U K O G B A N I BBC WS reactivated two good 25m fqs to NAM 12/3, 11910 at 2300-2430 and E 11835 0030-0230; also sked in Apr is 15420 2200-2430, all 3 from UK direct. As of M81, the Afro alternative fq 17695 was turned over to Russian svc, forcing ENAM listeners to look elsewhere for 1500-1530 pgms on weekends; try 1715-1745 on new 18080. BBC External Services [i.e. all languages] received 354,212 letters from listeners in 1980, not counting replies to questionnaires (Apr London Calling) BBC ES and some expansion plans; Russian & Turkish will be extended and Pushtu will be added (Andy Sennitt, WMR DX 8/3 and Rolf Gunnar) New BBC SW base in SW England will be erected near Shaftsbury, County Dorset. 8 x 500 kW SW xmtrs (4 Marconi, 4 Telefunken) to be commissioned late 1982. WWII relic Skelton-B stn will be closed; it has 13 x 100 kW. Skelton-A with 6 x 250 kW will continue for BCs to nearby countries. In Daventry would be a new Combining Unit commissioned, to feed two xmtrs on two fqs to one antenna (BBC via Feb WDXC)

UNITED NATIONS UN Radio to Caribbean shows on M81 VOA sked as Greenville-250 at 2145-2215 E (via Andy Robins, MI) Finally got to check this 20/3, and pgm is actually 2215-2230 on the fqs shown, 15305 & 11830, ex-2245-2300, Fridays only until September Mon-Fri. (gh)

U S A It's official--AFRTS plans to switch over from Washington to Los Angeles studios 13/4 at 1100 UTC; they will follow the existing pgm sked insofar as possible, but not all network pgms are available at same times in LA as in Washington. Head of the operation, Hoyt Wertz, is not making the move to the west coast but retiring 17/4 (Bryan Cordray, VA) AFRTS hrd on new 11710 0200-0400, Greenville; QRM Argentina (Arthur Cushen, NZ; don't hear it here P --skips over; replaces what? (gh) Los Angeles entrepreneur Charles Z. Wick was nominated 6/3 to head the International Communication Agency; he was a top fund-raiser for Reagan, is genuinely close to the president, and in the 1950s produced "Snow White & the Three Stooges" (Business Week 23/3 via R Horvitz) IGA is VOA's parent agency (gh) Among the prospects for VOA director is Sherrill Taylor, formerly with CBS, NAB and now with Bonneville/KSL (Broadcasting 23/2 via R Foxworth, RIB) For M81 VOA has moved some of its 11-meter ops around: Bethany 25880 to Af has moved to 25800, 1530-1830. On 25880 now is Tangier-35 to USSR 1130-1800, and a new Tangier-to-USSR-35 on 25920 at 1500-1800 (via Andy Robins) VOA Russian svc I. now regularly hrd free of jamming as early as 1900 to 2200* on higher fqs (WDXC, Germany) 26/12 2038-2125 I hrd WDCD-FM Washington DC rock stn strong on SSB 11690 without apparent reason, live relay per timechecks and date--like somebody's FM radio plugged into a PTP xmtr, doubt pirate; ideas? (Andy Sennitt, DSWCI) WYFR was at it again 21/3 1550 broadcasting continuous noise spikes ("crackle") on 11830 making itself unlistenable, but also spraying the spikes across the entire 25m band, making CBC-11720 unlistenable and only the strongest signal--Habana 11760--immune from the QRM. After my 2nd call to the FCC's 24-hour hotline (202) 632-6975 they were finally convinced I knew what I was talking about even if I didn't have a call sign (!). A complaint to Harold Camping at home may have helped too; by 1705 P it was fixed, and it damn well better stay fixed (gh) An article in 27/2 Radio & Records on WRNO's upcoming SW outlet quotes owner Joseph Costello II: "To me there's nothing more H American in our culture than rock music and fast foods." (March SWNS) WCOU hrd on 2480 6/3 X 0810-0955, Lewiston ME 2nd harmonic, pop mx, many IDs (Maxfield Greenwood, PA) GH's DX pgm World of Radio has been retimed on KERE-710 Denver to Suns 7:30 am MT (Rolf Gunnar, CO) Also audible in Casper WY on 88.7 FM, a new translator of KUWR=91.9 Laramie, Sats 7pm MT (gh)

U S S R R Moscow nx to Polar regions now hrd 1530-1600 Mon & Wed on 9615 9590 (WBI 12/3) Similar pgm at 1000-1030 Mon & Wed on RM's Radio Orbita-2 svc (WBI 5/3) On 23/2 R Moscow spent 5 1/2 hours broadcasting Pres Brezhnev's speech opening the 26th CPSU Congress ending at 1227; six mins after Brezhnev began at 0720, RM switched over to an announcer-read version. The Russian coverage was on some 37 SW channels, FR on 11, EG on 24 (WBI 26/2) 14/2 was a H great day for harmonics: In 1200-1400 period hrd 29800 Alma Ata 5 x 5960 [this has made it to Knoxville previously], 28720 R Warsaw Pgm III via Moscow 4 x 7180; at 0930 28590 RMWS 3 x 9530 and 29085 RMWS 3 x 9695 at 1600 (Podney R. Sixe, WDXC, England) Mayak hrd 25/2 1218-1230 w/fair signals, opera on // Khabarovsk 5990, Alma Ata 5970, Murmansk 5930 (D Moore, PA)

VATICAN 25/2 RAI quoted VR dir as saying VR was experiencing technical & political QRM, the J former carried out in EEU to prevent listening to the stn, the latter in C&SAm where govts complained about BC content; no further details (WBI 5/3)

VENEZUELA R Colombo, 4950, 22/1 2345, mentions Porlamar, Nueva Esparta, Isla Margarita (Wm. Parks, FL, Mar SPEEDX) Sure it's not R Coro as listed, cf Mar LR-B? (gh) R Barquisimeto now ancs new 9510 // 4990 (Emilio Povrzenic, Argentina, ADXN) Not new, there years ago and long listed; reactivated, or playing old tape? (gh) /more LN-15

VIETNAM VOV back on 15010, EG 1800 15/2 (Syd Osterman, Ont) Also 1/3 check on 15010.0--have E they got fq control now?--EG 1530, 1800, 2030 hours (gh) ex-11840, // 10040; could apply to all uses of 11840 1000-2330 (WBI 5/3) Bac Thai 25-30/1 varied 7046-7071, since 31/1 6731-38

but once on 6722. Since 29/1 new sked is *1125-1330* (Komai & Ugusa, DX Front Line) Cao Bang on new 6650 since 6/2, ex-6590, still *1200-1330*(M/W/F 1400*) Hoang Lien Son on new 5502 ex-5628v, *1000-1045* daily, *1200-1330* exc Thu & Sun -1400* (Isao Ugusa, DXFL 20/2)

YEMEN SOUTHEAST R of the PDRY, Aden, DS in AR 0300-0630 (Fri 1100) on 7190 5970 5060; 1100-2200 on same plus 11770 includes feature pgms 0600-0620, 1430-1450, 1715-1735 (WBI 12/2)

ZAMBIA GS of ZBSalways on 6060 and 7250 except 7250 moves to 3345 at nite (Ginbey, DXJB 12/3)

ZIMBABWE Reports that capital city Salisbury renamed Harara incorrect. Harara is a twp w/in municipal boundaries of Salisbury which still retains its name (QTH Africa 20/2)

UNIDENTIFIED 6155 a mystery--who owns unmod carrier here? since 6/5/80 hrd almost every nite, going off between 0100 & 0200, usually closer to 0100; f/in as early as 2200; s/on never hrd. At first was 6154.6; Sept-Dec 6155.0; last few days 6154.5; lowest was 6153.0 28-29/8, highest 6155.10 13/1; assume it's manual opn and due to fq variation, not a propagation experiment. Bob Rankin in KS hears it too and thinks it's European; queried R Renascença about it in Nov but still no reply. Any ideas? (Martin H. Potter, Limoges Ont) ORF Austria might be 'holding' the fq w/spare xmtr; I recall that Bucharest once included it among NAM svc fqs, tho never really hrd there... (gh) 9990 4/3 0555 AR mx chant, 0559 YL antn, 0600 talk, ID, silence, seems US; Saudi? (Phil Marshall, GA)

15045 MOR mx 3/3 1430-1600* steady but weak, believe not in EG; RFG? (Rolf Gunnar, CO) 21440 mx & talk, reminds me of Soviet HS, weak 12/3 1210, off by 1300; unlikely 3rd harmonic (gh)

25760 19/12 1025-1250 nonstop pop mx, huge carrier, lowish audio, breaks (Keith F. Hatcher, Spain, DSWCI) 1140-1213 26/12 pop mx, no IDs, outstanding reception (Devi Roberts, UK, DSWCI)

CLANDESTINE CRANNY R Venceremos missing 10-13/2, back 14/2 1200 on 7032v blaming tech reasons, still ancd sked 1200 & 2300 (WBI 19/2) Good sig 21/2 varying every 5 min or so from 7030 to 7036, convinces me they're anti-ES ruling junta rather than anti-Castro; ex-R, Liberación 8243? Logged: 18/2 7032 *1201-1218f, 21/2 7030-36 *1158-1308*, 22/2 7031-36 *1158-1301*, 24/2 7036 *1155-1252+, 25/2 7036 1203-1215+ (Steve Reinstein, Miramar FL) RV reported 24/2 an FMIN commando group had put R Señorial off the air, completely destroying it (was 540 kHz in San Salvador) (WBI 5/3) RV 7031 25/2 1242-1251* fair, ID, contry, shrill folk mx (Don Moore, PA) 25/2 1222-1251* 7032 carrier hum, talk abt FDR [Frente Democrático Revolucionario, allied with FMIN]; 26/2 7032½ 1213 ID, fq FMs (varies with modulation), 1230 ID, calling on foreign radio stns, off-air-relay making audio even worse; ancd sked as 7-8 am and 6-7 pm; 1239 ending nx pgm quoting Washington Post, 1249 fq as 7 MHz, 40m, 1250 anthem & off (gh) Recent obs show also on at 1800-1900 Suns on 7030, then repeated at 2300 & Mon 1200 (WBI 12/3) Agustín Farabundo Martí was the founder of the Communist Party of El Salvador, killed on the orders of the 1932 military dictatorship

R Trincherá [Cf Mar LN-13] Some Cuban classmates hrd a tape of "R Pren- (John Campbell DSWCI) sera" and say this is the correct name, literally ditch or foxhole, symbolizing underground resistance to Castro; part of Alpha 66 organization; strongly resembles R Abdala in format; hrd 22/2 7078 0208-0219*, 23/2 7078 *0201-0218* & *0250-0325*, 25/2 7077 0208-0236*, 13/3 7077 *0200-0248* featuring Noticias Internas, Comentario Editorial, talking about Soviet subs off Atlantic coast; always ends pgm with woman yelling "Viva Cuba Libre" (S Reinstein, FL)

LV de Cuba Independiente y Democrática hrd 19/2 s/on 10 secs after La Juventud Progresista Cubana closed on 7055, *0253-0317* re Ecuadorian embassy takeover in Habana by refugees. CID is a Caracas-based exile group of which Miamians are wary; also 20/2 7057 *0232-0256*, 24/2 7056 *0300-0336* (Steven H. Reinstein, VP-ASDA, Miramar FL)

LV Cristiana de Cuba, another new one, 24/2 0247 on 7089, addr as Apartado Postal 70-3-82, Caracas 107, Venezuela; excellent sig, same topic as above; well structured broadcast of nx & commentary, unlike the inane babbler of La Juventud Progresista Cubana. Also 25/2 on 6998 0315-0320* this time adding "Los Ruizes" between Apt. & the number; booming sig (Reinstein)

La Juventud Progresista Cubana rasping throat-cancer type monologue, River Kwai March, 19/2 *0226-0253* on 7055; 21/2 7058 *0230-0302*, repeated on 7056 *0305-0337*; 22/2 7056 *0231-0304*, 24/2 7057 *0222-0300*, 25/2 7055 *0227-0301*.; and almost daily...12/3 7055 *0225-0318+ usual ravings by OM but also much MW type drama pgms (Steven Reinstein, FL)

LV de Alpha 66 18/2 7050 *0200-0224*, 19/2 7050 0207-0225*, 20/2 7050 *0200-0221*, 21/2 7050 *0200-0227*, 22/2 7050 *0200-0231*, 24/2 7050 *0200-0221*, 25/2 7050 *0200-0222* (Reinstein)

R Abdala 18/2 7071-79 0208-0242*, 20/2 7072-77 0225-0254* (Steve Reinstein, Miramar FL)

R Revolución 15/2 0300-0312*, very distorted SP but unbelievably strong, ID, mx in background and might be in Florida (Mitch Sams, Berryville AR, Ozark Mountain DX Club) on 7430

Spy Numbers hrd Fri night only 0300 GMT [GMT Sat?] on 5239, SP (Winfield Jones, PA)

V of Free Africa moved from 4764 to 4655 per Kořinek, RSA (John Campbell DXJB 26/2) 4665, at 0400-0500 in PT, from Zimbabwe to Mozambique (Roberto Levinstein, RN PT DX 19/3)

Our Radio - V of the Communist Party of Turkey (Turkish: Bizim Radyo - Turkiye Komünist Partisinin Sesi) [Cf Mar LN-14] VOCPOT has additional xmsn at 0200 on 11820 (WBI 26/2) (& 5/3)

V of Arab Syria pgm hostile to present Syrian govt hrd 3/3 +1930-1953, saying back tomorrow at 1900; in AR & Syrian dialect on 1035, normally used by Baghdad for V of Masses, 1000 kw (WBI)

V of Palestine since beginning of Feb has been suspended by Egyptian R (WBI 19/2)

V of the Iraqi Revolution in KD & AR varies 6900-7100; since 15/2 around 7080, 1500-1600 exc Fri: 0500-0630 & 1200-1330 apx usually (WBI 26/2)

V of Al-Qadisiyah from Ahvaz was reported as a new stn by Kuwaiti paper 'al-Watan', to "Arabistan" (the Khuzestan province of Iran) in the Iraqi dialect; al-Q. was scene of a 637 C.E. battle when the Arabs defeated the Persians (WBI 26/2) Hrd 2/3 0535 on 858, hostile to govts of Iran & Syria; 3/3 *0500 giving sked as 0500-0800 & 1400-1900, still claiming it broadcasts from "within Ahvaz territory"; AR ID: "Sawt al-Qadisiyah min al-Ahvaz" (WBI 5/3)

V of the United Muslim Fighters of Afghanistan [ex R Mujahidin] still hrd in Pashto & Dari 1600-1700 on 15305 9710 (WBI 19/2) I dub thee VOTUMFOA (gh)

V of Democratic Kampuchea (Cambodian: Samleng Kampuchea Pracheathipatei), supports former Pol Pot regime; xmtrs believed in PR China, sked in Cambodian: 2330-0030 12450 11685 9470, 0400-0500 17705 11275, 0900-1000 15165 11980, 1200-1300 11990 11685 6995 5250; including Battle Reports 2335-2340, 0405-0410, 0905-0910, 1205-1210, 1230-1240 (WBI 26/2)

V of the People of Malaya anti-Malaysian govt hrd on 6993v in Cantonese, Std Ch, Malay & Tamil daily 2130-2330, 1130-1330, 1430-1530 (WBI 12/3) /24/3 25700_0 0100, what prop! (gh)

V of the Chilean Resistance very strong 22/3 on 25680 Algiers +0125-0135* (Andy Newton, GA)

R CBN, "Sydney" hrd on 7335 around 0640 (CBN is name of commercial TV in Orange NSW) (D Gardiner, Australia, SCDX 17/3) Finland 5 stns raided in 1980 were apparently all on 48m, R El Bimbo, Swine R, R El Condor, R Rasputin, Voices in the Sky. Authorities tried to frighten other stns by spreading false rumours of huge fines for these cases. Maybe 40 stns capable of 6.2-6.3 MHz opn, but most seldom broadcast; powers mostly very low but Sound of Finland, 6225 claims 100 Finwatts, El Condor 1 kW; others are R Foggy, R 48, R Bristol, R Bambino, R Sylvan ia (200 W), R Royals (600 W), R Eagle; much less active are R Isänmaa, R Raggare, R Kohoutek, R Mundenia, R Exotic; R Baader-Meinhof Experience, reportedly a MOR pop stn (Mark Warner DSWCI)

R Nolan Intl, 6270 hrd 22/2 0635-0718, many IDs as Netherlands stn, spelled out address; poor w/deep fades, severe ut QRM; peaked about 0650, gone by 0718 (John M Fisher, Chelmsford MA) The 22/2 test first noted 0615 t/in, 0620 played "Man of Action" thrice w/IDs between, 0629 s/on anmts, hoped to be hrd in NZ "or wherever", rock to 0729*, 0630 peak 57; fq 6270.1 then drift to 6969.9 at 0700, 6269.7 at s/off; RTTY QRM at times on 6268*, ship QRM 6273 later (Bob Foxworth, NY) 22/2 *0630-0701 poor, pop mx, ID on test (Don Moore, PA) New address for FRC-USA: PV2 Al Muick 205-48-8627, 3rd Opns Bn USAFSA, Box 1912, APO New York 09458. No FRC or pirate name on envelope, please! "Wavelength" will resume pub in Apr as bi-monthly, large format, more info, same price of \$7.50 per year (Muick) "WFRG" 6931.2, obvious spin-off of WARG, 22/1 rock oldies 0648 (Huddleston, TX, SPEEDX) Decent audio on 6931 0615 23/1, announcing 6980 (De Wan, MI, SPEEDX) R Confusion hrd 22/3 2200-2230 as sked, on 14630, usual pgm w/Dean Bean etc., said would exch tapes with Eu pirates for relay; much stronger and better modulation than before; but not hrd at 0130 23/3, except Phil Marshall hrd someone "testing" on fq a few minutes later (Andy Newton, GA) Syncom 40 15/2 test hrd on 6275 0500-10 30 apx, really a class pirate; said 50 W xmtr, sometimes cut to 25 to avoid FCC; a steady 353 here. Mx, why they believe in pirate BC, etc; 0900 spl 1st anniv show, "The History of Syncom", some of the best radio entertainment I've heard for a long time, lots of tapes, news of other pirates busted & skeds (Charles J Kristan Jr, PA) 15/2 0504 6265 IS only, 222, based on song "We Love the Pirate Stations"; 15/2 0805-1018 on 6280, 222, First Anniv Pgm (Lani Pettit, IA) Voice of Syncom "Chuck Felcher" called 4/3 to advise of upcoming sked, "Great pgms--be sure to listen", 15/3 *0300-0445 6275 ±10, 0500-0800 7375, 2000-2100 11588; 19/4 0500-0800 6275 ±10 alternate: 7375; 2100-2200 11588 alternate: 14752; this may well be last xmsn due to anti-pirate threats, he said (gh) Hrd 15/3 0615 plugging 2000 BC on 11588, which I could not hear; 76 Trombones, 0629 Brigadono soundtrack; this on 7374.75, 0624 Ian MacGlennhart spelled out his name for 'first and last time' (thank god I caught it), lots of QRM & QSB; gave UAE-15320 DX tip; works too close to mike; more soundtrack mx (gh) Hrd as sked 15/3 0300-0445 on 6280 except 6275 after 0415; hour of soft rock, then soundtracks, Battle Creek addr; also hrd on 7375 at 0500, but not on 11588 at 2000 (Tony W Campbell, VA) 15/3 0458 IS, 0502 s/on sounded like bagpipes, on 7375, SIO 222 past 0600 (Lani Pettit, IA) "WPOT" back 8/3, found on 14550, SIO 222-333, 0135-0235+, old FRC-PA addr, said'd be back in 2 weeks at 8 (EST?) (Pettit) Neither the WPOT 7425 (0000-0300) nor WROI 6395 (0730-0900) tests promised for 22/2 were hrd, pointing out again the difference between Eu pirates who seem to show a commitment to true broadcasting and US pirates who are just goofing around. I would have been more surprised if either had shown up; incidentally I stayed up to 0920 22/2 looking for my 6266.6 signal Gordon Darling I ded as English; nothing hrd here and I suppose the hour too late now (Foxworth) "WROI" Starting 22/2, WROI R Ohio Intl will conduct test xmsns every 4th Sun until May on 6395 9730-0900 GMT. 73s from the gang at WROI (Feb CANDX) R Prophylactic Intl will be on around 0400 3/5 on 6969--including readings from The Joy of Sex & Penthouse Forum, per Ron Trojan, Head man of stn, May well be a hoax but could be world's first SW porn broadcast (SWNS)

R Glandestine 21/2 on 9510, clear and professional at 2020--candid man-on-the-street comedy routine promoting parboiled foods canned leftovers, satirical public affairs style anmt on radio unionism, a rather vulgar rock selection. Numerous IDs from "on board ship somewhere off the Nam Continent" to 2026* (Randy Moyle, Pickering Ont) Per tip from Vladimir Cucura, hrd 28/2 1625 on 11870, usual rock, R.F. Burns DJ, comedy skit, 1653*, SIO 444 (Charley Hoffman, PA) Hrd same time, continues to put out strong/clear signal whenever I log them (Richard D'Angelo, PA) 8/3 1740-1800, mostly rock, R.F. Burns, s/on time unk (Tony W. Campbell, VA) Fq? (gh) Midwest Radio hrd 1/3 0255-0305*, said for QSL send four 15c (then) stamps to Scott McClellan, 127 N Broad St, Battle Creek MI 49017--he doesn't know who we are--we call him and he reads mail over the phone. S/off with cancer PSA, child abuse/US Army, "We stand for the Moral Majority and Falwell but don't send money..." (Jim Conrad, IA) And gave location as Acropolis, Minnesota. Seems powerful, on 6912 Sat nite (Chuck Felcher, Syncom) Also found 1/3 to 0305* when looking for Dublin 6910, this was 6912 (Syd Osterman, Ont) Around 6913 0245-0300+, Beatles, Hindenburg report, SIO 433 plus static, 8/3 (Lani Pettit IA)

R Music International 6580 8/3 0520-0546* nonstop mx, ID 0540 (Andy Newton, GA) Jazz 8/3 0546* on 6530 [sic] (C Patrick Hobbs, La Verne CA) 6579 15/3 *0600-0767* SIO 434, swing mx, later pop, creative DJ (Pettit) Also hrd here, 0621 ID (gh) "KDOR" 830 kHz in Los Angeles back on air 22/2 0700, 23/2 0200, IDs, mx, claiming 250 W; busted 1-2 yrs ago (Steve Mittman, IRCA)

Weekend Music Radio will test for NAM 1/2 0530-0800 on 6260, 6270, 6290 or 7375; address 42 Aaran Close, Cambridge, England (John Campbell, RN DXJB 28/1) Hrd very poorly here, bad condx and only readable audio was 0753-0802*; 4 IDs hrd; even R. Dublin, S7-9 on good nites was on ly S2 on their even newer 6287.7 (ex 6289.9); active solar condx to blame (Bob Foxworth, NY) Also testing 15/2 and 1/3 (Campbell, DXJB 12/2) Hrd 15/2 on 6260, 0700 Xanadu, -0738 fade (Phil Marshall, GA) WMR hrd 15/2 on 6260 0639-0738, very weak but occasionally clear of ute QRM; first noted pop mx 0639, then definite British accent; Syncom and it was coming in there, so rechecked 0725, mx, 0735 2 positive IDs; also and address, see Dec LN-9 (& above). Power is 20 watts per past Wavelength! (Scott McClellan, Battle Creek MI)

R. Nolan, Dutch pirate, apparently testing for NAM 18/1 6270, hrd 0717, fair, a week later than sked. Syncom hrd 11/1 on 6265 and at first assumed this was it too (Bob Foxworth, NY) QSL from Ronnie Nolan said 18/1 was a test to USA, and that would do it again 22/2 0630; the 18/1 one was hrd on 6270 0715-0803*; addr: PO Box 11, 9540AA, Vlagtwedde, Nederland; power: 50 watts; antenna E/W longwire; said had rxd rpts from USA & NZ (a West German DXer)

R. Impact and 7/12 it would be off the air until 4/81, rebuilding studio (Paul Watson, WDXC)

R. Aquarius International hrd on 11455 0900 4/1, weak; xmsns on 1st Sun of month, addr: Post-bus 628, 3100 AP Schiedam, Netherlands (Nicholas Sharpe, WDXC Contact)

"WPOT" will be testing on 7425 + 15 at 0000-0300 the 2nd & 4th Suns of month (Campbell, DXJB)

Syncom 81 hrd 11/1 0559-0731* on 6265, good at peaks, ute QRM; power 20 W, prearranged test to Eu; pop mx, special tape of R. Impact; FRC-Wescosville addr tho Al Mick's now in Germany (Scott McClellan, MI) noted in IN 6255a 0528 ID 11/1, ancing new power, xmtr and antenna system (SWNS Feb) Syncom testing 11/1 on 6265 and so IDed after some length; hrd stn on 6270 18/1, which I took to be another Syncom 'relay' (playing tape) of Eu pirate, so I did not stay with it long enough for ID tho apparently was really R. Nolan (see above). While I should have stayed with 18/1 stn long enough for ID, I still blame Syncom and their not very funny 'relays' of Eu stns for the mixup. I am upset enough that I am prepared to take steps --if I should hear Syncom or any other pirate appearing to be in the US and who is playing tapes of, or otherwise purporting to sound like a European--of immediately calling the FCC Monitoring Watch Officer who is prepared to immediately put the info on the internal teletype net linking all monitoring stns. This number is (202) 632-6975 and is manned constantly. So pirates, be yourself and I won't notice. But imitate a Eu and you are on thin ice in my book. Except for KVHF, US pirates don't attempt to serve needs of listeners, so who needs 'em? Hopefully FCC will chase the rabble with pointless relays off the air. Most DX-ers I have discussed this with share this opinion (Robert L. Foxworth, Mineola NY) We will be on the air 15/2 0500-0800 on 6225, moving to 6265; 0800-1000 6275-6280, for Syncom 40's first anniversary pgm; hope to be on once a month, more regularly in March (Syncom call to gh, 6/2) Following logging was tentatively Weekend Music Radio, but from other info here it appears to be Syncom (gh) 15/2 0520 on 6265 "We Love the Pirate Stations" song, mentioned relaying R. Telstar; "...Music Radio" ID hrd; wiped out by ute at 0533, nothing more past 0600. Waiting for further confirmation before counting this Scotland; Syncom was also supposed to test, but these folks had obvious Brit accents (Don Moore, PA) Syncom 40 hrd 15/2 *0400-0500* on 6225 fair; *0500-0650* on 6265 fair-poor, ute QRM; *0715-1018* on 6280, good. Spl 1st anniv BC; good pgm, a 1-hour history of Syncom; R. Impact tape, Whimpy Willie was a guest; names of everybody who sent them a report were read, including a listener in England. *0715 had spl anmt that Weekend Music Radio was making it to NAM1. New IS (first several notes of "We Love the Pirate Stations" on an organ). Nice work, Chuck! (McClellan, BC MI) Syncom 6265 hrd 15/2, testing for Campbell; IS 0508, past 1000; from 6265 up 15-20 kHz; separate from WMR which was on 6260, see above (Phil Marshall, GA)

"WROI" pirate in Ohio, is said to be going on the air every 4th Sun on 6395 0730-0900 from 22/2 (Don Johnson, Feb SPEEDX)

R. Confusion next BC is 22/3 at 2200, 23/3 0130, on 14620; length, target not given; per QSL (Charley Hoffman, PA) Reports may be sent via me (Scott McClellan, 127 N Broad, Battle Creek MI 49017)

"WRB" hrd 4/1 on 7395a at 0600 w/rotten pgm, fair strength, but QRN (Scott McClellan, MI)

"WARG" hrd 11/1, incredibly poor mod & audio, 6956a at 0701, SIO 441, phone 212-227-9979 ("")

Free Radio hrd again GMT 19/1 0500 on 1616 kHz; one ancr playing rare jazz records; gave location as of NE US coast; very good sig. Pse QSL (Arthur Bodek, NY)

R. Ohm, sounded like, 18/1 0745 on 6270, sex pistols, time in GMT, 0800 off, not quite as good signal as Dublin; any ideas? (Arthur Bodek, NY) Yes, R. Nolan, see LN-14 (gh)

Hartford-area Porno unID hrd on 3221 2/4 0000 relay WICH Hartford, EZL mx, ads, 0015 abruptly into porno tapes, very descriptive, past 0200; 5/2 relay FM 100 mx at 0000, Hartford ad, 0014 abruptly into same porno tape; pure trash, new low in pirates (Roger Deroy, Maine)

R. Clandestine hrd on 9648, 1733-1744* 7/2 rock, s/off anmt, good level but somewhat distorted (John Santosuosso, FL, via McClellan, Wavelength Loggings Editor, FRC-USA)

Atlanta R. test believed hrd, 1/3 0600-0653, carrier detectable past 0815, on 6239.4; would have made it a week earlier when condx not disturbed; tent. ID 0645 (Bob Foxworth, NY)

THIS PAGE WAS HELD OVER (except for Atlanta item) from last month; tnx for your patience... Some of the stations mentioned on this page are covered separately on page LN-12!

PUBLICATIONS

Review of International Broadcasting is a monthly magazine of, by and for shortwave listeners, with lots of info on stations and programming, objective and subjective; feature articles, equipment forum, and much more. The May issue, available in mid-April and expected to sell out quickly, includes a 7+ page quarterly minute by minute schedule of recommended programs thruout the week. Samples of this issue will be sent if requested while they last, for \$1.25 (8 IRCs overseas), or a subscription by first class in NAM is \$15 US, payable to Glenn Hauser; WUOT, Knoxville TN 37916 (gh)

DX, Radio, Electronics, SWL and Computer-related publications, such as WRTVH 1981, Vane Jones Log, Communications World, ARRL Handbook, Howard Sams Books, TAB Books, are being sold at substantial discounts. Send SASE for latest availabilities (Donald Erickson, 6059 Essex St., Riverside CA 92504)

Shortwave Hobby Equipment Review is 170p book with non-technical reviews of most new receivers and accessories, modifications, etc.; comparative chart of almost 40 receivers. Sense of humor makes them a pleasure to read; compiled by Larry Brookwell. \$4.95 by third class, \$5.25 by first before rate increase, from an Diego DXers Club, 1826 Cypress St, San Diego CA 92154 (Frank Barlow, San Ysidro CA)

Electronics Trader is twice-monthly 'classified ads' publication at modest rates. Subscription for 24 issues in NAM is \$6 by first class: Box 73, Folly Beach SC 29439 (gh)

Q-Multiplier plans, simple to build with both peak and null funktions, using a single FET transistor, for rx with 455 kHz IFs, intended for rx such as DX-300 suffering from inadequate selectivity appeared in the Sept 1980 "Hobby Scene" column in Popular Electronics (Bob Foxworth)

Program Guide of CBC Radio & CBC Stereo [domestic Canadian] also applicable in part to CBC NS has increased price of fortnightly folio. Now C\$10 per year for 26 issues, payable to CBC and sent to Radio Guide, 69 Front St. E., Toronto Ont. MSE 1R3, also a new address (gh)

London Calling, BBC World Service program magazine, has increased US price to \$13 per year, and can be ordered via BBC, 630 Fifth Ave., New York NY 10020 (Roger N Peterson, RIB)

The Restaurant at the End of the Universe, sequel to Hitchhiker's Guide to the Galaxy is a Pal book by Douglas Adams; albums and/or cassettes also available; ask Zarniwoop for overseas rates: Megadodo Publications, PO Box 101A, Surbiton, Surrey Kcg 5AX, England (Joel Rubin, RIB)

The Dead Side of the Mike, fiction book by Simon Brett, has BBC background (Syd Osterman, RIB)

BBC & IBA Handbooks, new editions now available at £2.50 & £2.90 resp in UK, with full lists of radio & TV stns, personnel, pgms, plans; both good value if you're interested in the UK broadcast scene (Andy Sennitt, DSWGL)

ORF-Almanak, triennial Austrian broadcasting handbook, in German, is just out (ORF DX 1/3)

International SW Stations 1931/33 and DXing in the Thirties [Cf Nov LN-12] are indeed in German (as photostats from the old Der Deutsche Rundfunk magazines) but a lot of pages are frequency lists, skeds, logs, etc, which can be realised by EG-speaking people too. By the way, after publishing a booklet on R Tirana (68 pp, 8 IRCs; EG xltm by Kim Andrew Elliott in preparation) I just finished work on Mass Media in Iran (in German, 8 IRC) (Rainer Pinkau, Weender Str. 30, D-3400 Goettingen 1, West Germany)

Latin American Tapes Asociacion DX del Litoral is offering three C-60 cassettes of IDs, tuning signals and special items from IAm stations, for US\$ 10 or 28 IRCs each--LA-I, LA-II, and Bolivia-I, the last put together from a 2/80 trip to Bolivia (ADXL, C.C. 83, 2000 Rosario, Argentina)

People in High Places, an NPR "Radio Experience" 30 min pgm in stereo, deals with Incan history and present, music; should interest those DXers prone to make pilgrimages to Peru; cassette tape for \$7 from National Public Radio, Washington DC 20036 (gh)

Media Network [as DX Juke Box is about to be known] has published Mar 1981 editions of a Book List (8pp) and a Receiver Shopping List (10 pp), free from R Netherlands, Box 222, 1200 JG Hilversum, Holland (gh)

International Listening Guide, 16p booklet scheduling all External broadcasts in English, has a get-acquainted offer of a free copy of the (Washington Post, Dec. 29 1981, via Robert L Foxworth, NY)

Computer Game Confusion

Do those coin-operated, electronic computer games like Space Invaders, which draw crowds of teen-agers into arcades the way the venerable pinball machine drew their parents, interfere with radio and TV reception?

Since the mid-1970s, the Federal Communications Commission has worried that they would, and now it believes they do. Unlike pinball machines, the computer games send and receive radio signals.

Since October 1979, the big makers of such games, including Atari Inc., Bally Manufacturing Corp., Stern Electronics Inc. and Sega Enterprises Inc., have been on notice that, beginning Jan. 1, they would have to bring their machines to the FCC for certification based on limitation of electronic transmissions, and then label them so purchasers

would know whether the device complied or not and what, if any, was the danger of the machine interfering with nearby radio reception.

Things in the electronic computer world move so fast that one year's regulatory effort hardly has time to come into effect before some new innovation passes it by. "The interference potential of present-day coin-operated games may have changed from 1974-75," the FCC said in a notice published in the Dec. 19 Federal Register (page 83502). That was when the commission first started worrying about the problem, though it took five years before it got its rule out.

Now, on the eve of implementation, the commission is having second thoughts. For one thing, Atari has worked with the Oregon State Police on a study to see if its electronic games have harmed police communications. "The results, according to the FCC notice, allegedly show that the present generation of coin-operated games poses no threat of interference to police communications."

In a Solomon-like ruling, the FCC has held off until Oct. 1, 1981, the requirement that the electronic machines must be certified for noninterference in radio signals. But it has held onto its requirement that, beginning Thursday, each coin-operated game must carry an "interim label warning that it has not been tested and may cause interference to radio and TV reception."

Pirate radio here ordered off the air

by Herb Belanger
Times staff reporter

Sherlock Holmes was a star in the recent Strange Case of the Short Wave. But he was on the wrong side of the law.

Holmes' investigation was cut short when agents of the Federal Communications Commission ordered James T. Dolan of Seattle to shut down his Station RX4M "Voice of Clipperton," illegally broadcasting on international shortwave bands.

Dolan was ordered to forfeit \$750.

The move against Dolan was part of an F.C.C. crackdown on pirate broadcasting internationally, said Jim McKinney, head of the F.C.C.'s field-operations bureau.

The puzzling aspect of this type of illegal broadcasting is why the operators do it, McKinney said. In the past two months, the F.C.C. has moved against such broadcasts in Indianapolis and Santa Ana, Calif., as well as Seattle and is on the trail of another illegal operator outside of Boston.

"These operations aren't the same as an illegal AM or FM station, where you have someone who wants to show off for his local friends," McKinney said. "They're broadcasting rock music, poetry, old mystery shows. And they obviously want to see how far they can reach. It's silly."

In Dolan's case, broadcasts of news and old-time radio shows like Sherlock Holmes were being made twice a night, said Ed Ramras, contact representative for the Seattle F.C.C. office.

A number of F.C.C.'s 13 monitors, one of which is in Ferndale, Whatcom County, picked up the signal and fixed it as coming from Seattle's North End, Ramras said.

The monitors can pinpoint a signal to a 2-mile radius, Ramras said, and mobile monitors then are used to find the station. Dolan was broadcasting on the 7 megahertz and 21 megahertz band with 75-watt transmitters capable of world-wide coverage.

Ramras said the maximum penalty for operating an unlicensed station in a criminal case is a \$10,000 fine and one year in jail. The F.C.C. has the power to assess a forfeiture of up to \$5,000 for a noncriminal offense.

The Seattle F.C.C. office covers most of Washington State, North Idaho and Montana.

PUBLICATIONS

Pennant Collectors International In early Nov I sent check to P O Box 62, Adamsville TN, and haven't hrd from them since despite follow-up letter (Kirk Baxter, KS) I sent them \$7.50 back in July or August and have yet to receive anything. Pres. Brandon Jordan has not replied to 3 or 4 letters. Me thinks a rip-off has taken place! (Mike Hardester, San Marcos CA, 14/1) Brandon is looking for a new publisher... (John C. Herkimer, Caledonia NY, 5/1) Cf Jan LN-12, I received SLIDX's Pennant Guide less than a week after I sent \$1k to them. Useful tho format, info and spelling could be improved (Richard L. Clearman, Edmonds WA)

Babel in the Ionosphere, one-page article on SWL in Time, 12/1, p. 43. As usual in Time, style triumphs over content. Good to have mass publicity but includes statistics which are absurd ("34 countries broadcast in [sic] short wave") to meaningless ("there are more than 4,450 SW frequencies being broadcast around the world"; "English is sent out on more than 1,000 frequencies.") (g)

Digital Radio: Its Time Has Come, by Neil F. Dinn, Dec 80 IEEE Communications Magazine, p. 6-12. Tho about microwave, it's a good explanation of digital xmsn (Brett Saylor)

QTH-Africa new rates due to massive postal increases, for 12 months of 3-per-month issues: by airmail to NAM, US\$18 individually or US\$15 if 3 at a time; sample 3 IRCs (QTH Africa, Box 28250, Pretoria-Sunnyside 0132, South Africa) Each issue is one sheet, tho sometimes w/supplements; most of the items are repeated on R. RSA, SCDX and other DX programs, DX bulletins (gh)

This Is London, new 39-min film about what goes on at Bush House, to be widely distributed abroad, covering life, history and policies of the 38 lang sections of BBC External (WDXC ENS)

BBC Posters One with photos of all 24 WS newscasters; another personality poster of Margaret Howard, free from BBC Audience Research (Posters), Box 76, Bush House, Strand, London WC2B 4PH (Jan LC)

Come Up To This Mountain is a book on the history of HCJB at its semi-centennial this year, \$4.95 from HCJB, Box 3000, Opa Locka FL 33055 (Woody Seymour, SPEEDX)

Italian DX News offers a sample copy of their 24-p xeroxed magazine for \$1 or 3 IRCs. Covers MW, SW, VHF, TV, QSL, etc; text in Italian, logs in DXese, stn news in EG, most of it 2nd-hand. Addr: Gianni Villani, PO Box 10, 80100 Napoli Centrale, Italy (gh)

LAST MINUTE ITEMS

ANDORRA AWR DX pgm fair Sun 22/3 0930-0945 on 15020.8, including up-to-date DX rx report at 0939 from Finn Krone, DSWCI; unhrd on Portugal 9670 (gh) BELGIUM BRT 29/3-26/9 EG NAM 0015-0100 sked 15385 ex-11695 //15175 SAM; expect RAI QRM from 3/5 (gh) BOLIVIA R Nuevos Horizontes, 6298, 3/3 1140 ID (Mitch Sams, AR, SPEEDXGRAM) INTL WATERS R Caroline to resume /MW/ BCs from North Sea 19/4 (Broadcasting 16/3 via Bob Shrader) LIBERIA A Natl Catholic R Stn to be opened in Monrovia 8/3 (R Vatican via Hans-jErg Biener, GFR, SCDX 10/3) MEXICO XEUJ still bouncing around 4mb, usually off nites, sometimes entire days, 5972 to 6095 as of 12/3; solely pop mx (Hinojosa) NICARAGUA LV de Nic plans to begin a 1-hr EG pgm sometime this month during 0000-0600 period (The Militant, 20/3 via Joe DiLeo & John Fisher) on 5950; //11835 definite ID 6/2 0257 (Bill Wilfinger, OH, SPEEDXGRAM) SAO TOME in five straight days 17-12/3 on 4806, 2200, new long IS 2258 (Greenwood, PA) SAUDI ARABIA EG retired to 1700-2000 from 7/3, on 11855 (Saudi Gazette via Dan Carrier, SPEEDXGRAM) SOUTH AFRICA R RSA has unlisted mx req pgm for border forces, Sat 1135-1300, Sun 1500-1600 on 500 kW 11900 (QTH Af 10/3) TURKEY VOT is running an essay contest about Atatürk; 10 winners get free weeks in Turkey; detail by listening (SCDX 10/3) VIETNAM Hoang Lien Son off since 15/1 on 5631; VOV JP svc 31/1 said stn was destroyed by Chinese army 14/1 (Indoshinan Radio DX Circle, via Feb Asian DX Review)

IN MY OPINION

(Max Greenwood, PA) Log editors are really screwing up in skipping many dates. In tough DX, dates are immensely important for antenna & rx evaluation--immensely!!

The Seattle Times Monday, December 22, 1980
(via John B. Rowlett)



QSL REPORT

Sam Barto, NASWA QSL Editor
460 Emmett St. B-19, Bristol, CT.



AFGHANISTAN: R. Afghanistan 15077 f/d "Kundiz River" cd. in 4 mo. for 2 IRCs. (Kite-IL). f/d "Mosque of Herat" cd. in 100 ds. for 1 IRC. (Tuchschere-WI).

ALBANIA: R. Tirana 7065 f/d cd. in 205 ds. (Bergadano-NY). 7060 cd. in 83 ds. (Tedford-MI).

ALGERIA: RTVA 15370 Folger cd. in 2 mo. (Barto-CT).

ANDORRA: R. Andorra International 6220 p/d cd. in @ 1 mo. (Matthews-OH).
f/d cd. in 1 mo. (Braga-MA). "Mountain Scene" cd. in 36 ds. for 1 IRC and ms. (Dittrich-FL). Adventist World Radio via Radio Andorra "Heart" cd. in 53 ds. for 1 IRC. (Dittrich-FL). in 10 wks. for 3 IRCs. (Craighead-KS). in 2 mo. (Kohlbrener-PA). "Antenna" cd. in 45 ds. for 2 IRCs. (Gavaras-MN). "Special Christmas" cd. in 37 ds. v/s Alison Holford.

ARGENTINA: R. Splendid 5985 f/d "Logo" cd. in 83 ds. (Meyer-WI). for a SP rpt. and ms. "Microphone" pennant rcvd. (Dittrich-FL).

ARMENIAN SSR: R. Yerevan 17870 f/d plain cd. in 62 ds. (Tedford-MI).

ASCENSION ISLAND: BBC 11720 n/d cd. in 65 ds. w/ note confirming site and stating that Lesotho not in use yet. (Dittrich-FL). 15105 f/d "WRC DX Award" in 4 mo. (Matthews-OH). VOA 21490 cd. in 10 ds.

ASIATIC RUSSIA: R. Moscow via Yuzhno-Sakhalinsk on 7260 (Briscoe-IN) f/d cd. in 38 ds. (Buer-FL). in 6 wks. (Gliksman-IL). in 44 ds. (Meyer-WI). via Krasnoyarsk on 7295 cd. in 5 wks. (Gliksman-IL). via Blagoveshensk on 9580 w/ f/d "Military Memorial" cd. in 38 ds. (Buer-FL). in 6 wks. (Gliksman-IL). via Nikolayevsk-on-Amur on 15240 cd. in 44 ds.

AUSTRIA: ORF 21655 f/d "Adam" cd. in 6 wks. (Braga-MA). "Glass Towers" cd. in 5 wks. (Barto-CT). 9770 "Art" cd. w/ decal in 1 mo. (Demmitt-PA). 5945 "Snail w/ Castle" cd. in 49 ds. w/ stickers. (Zeichick-ME).

AZERBAIJAN SSR: R. Baku 4785 plain paper cd. in 29 ds. for EG/RS rpt. and 1 IRC. which was returned. My 14th Soviet Republic QSLed! (Buer-FL)...Thanks Walt.

BALI: RRI Sumenep 3355 long personal ltr. in 43 ds. for an IN rpt. and 2 IRCs.
* v/s A. Rochim. (Meyer-KS)...Very nice!

BELGIUM: BRT 11695 f/d "St. Boof Cathedral" cd. in 34 ds. Also rcvd. cds. for "Gra-srurt and St. Michaels Bridge" and the older "Logo" cd. (Byron-NY).

BELIZE: R. Belize 3285 p/d cd. in 5 wks. for 1 IRC. (Kohlbrener-PA).

BOLIVIA: R. Illimani 6025 cd. and ltr. in 6 wks. for a SP rpt. and ms. v/s My. Mario * Ortiz Ortiz, Director General. (Lazarus-LA). "Mount Illimani" cd. in 29 ds. w/ ltr. for a SP rpt. and 1 IRC. (Clark-AZ). "Lake Titicaca" cd. & ltr. in 35 ds. (Tuchschere)

BONAIRE: Trans World Radio 11745 "Studio" cd. in 35 ds. (Reid-CA). 9755 cd. and poster in 32 ds. for 2 IRCs. (Briscoe-IN).
R. Nederland 15315 f/d "Karel Appel" cd. in 3 wks. (Barto-CT). 9715 same cd. in 1 mo. (Barto). 6165 "Art" cd. in 67 ds. (Dittrich-FL). 9590 "Stedelijk Museum" cd. in 22 ds. (Forman).

BRASIL: RadioBras 15290 f/d cd. in 81 ds. w/ sticker for an EG rpt. and 2 IRCs. (Mayhugh-NC). in 41 ds. for 1 IRC. (Harrington-CO). "Sunset" cd. in 5 mo. w/ sticker. (Braga-MA). 17830 cd. in 17 ds. for an EG rpt. and 1 IRC. v/s Antonio Augusto Silva, Manager. (Kretschmer-FL). R. Brasil Central 4985 f/d ltr. in 2 1/2 wks. v/s Arthur Guilherme. (Johnson-TX)

YSS" RADIO NACIONAL DE EL SALVADOR

FRECUENCIAS
655 KCS. ONDA LARGA
6010 KCS. ONDA CORTA
DE 49 METROS
9555 KCS. ONDA CORTA DE 31MTS

via Dave Walcutt

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

RADIO DUBLIN

INTERNATIONAL
also from Steve Bryant and Charley Hoffman
Hans Johnson, Norm Newhall, Henry Lazarus

Q.S.L.

TO WILLIAM KRAUSE.
of Minnesota, U.S.A.

We are pleased to confirm your reception report of Radio Dublin on 6315 KHz between 0520 and 0535 GMT on the 1st of August

Studios 58, INCHICORE ROAD, DUBLIN 8 (Visitors welcome)
Mailing Address: RADIO DUBLIN, DUBLIN 8, IRELAND.
Telephone: 01-758684

Angie Maia

BRASIL: R. Capixaba 4935 ltr. in 3 mo. for a PT rpt. and ms. v/s

استمع الى

Jadry R. Gobbi. (Lazarus-LA). R. Clube do Para 4885 ltr. in 1 mo. v/s Sedyr Paiva Proenca, Gerente Geral. (Barto-CT). in 3 wks. for a PT rpt. and ms. (Forth-IL). R. Gauha 11915 ltr. in 90 ds. for a PT rpt. and 1 IRC. v/s Celso Ferreira, Gerente de Programacao. (Gliksman-IL). R. Educadora de Braganca 4825 green folder cd. in 4 1/2 mo. for a PT rpt. and ms. v/s Maria Jose de Sousa. (Lazarus-LA).



BURUNDI: La Voix de la Revolution 3300 folder cd.

* in 40 ds. for 1 IRC. (Bryant-IL). same in 1 mo. My best African QSL! (Gower-IL).

BYELORUSSIAN SSR: R. Moscow via Minsk on 15150 f/d cd. in 2 mo. (Meyer-WI). via Orsha on 5920 f/d cd. in 6 wks. (Gliksman-IL).

CAMEROUN: R. Yaounde 9745 f/d "Map" cd. in 7 mo. for

1 IRC. (Gliksman-IL). R. Garoua 5010 ltr. in 2 mo. for (Algeri-PA) an EG rpt. (Leite-MA). ltr. in 58 ds. for 2 IRCs. (Futch-GA). in 133 ds. for a FR rpt.

CANADA: CHNX 6130 p/d "Ocean Playground" cd. in 2 wks. w/ stickers. v/s D. Hiltz. (House-OH).

* in 74 ds. v/s Wayne Harvey. (Meyer-WI). in 52 ds. w/ stickers. (Green-AL). CFVP 6030 f/d cd. in 2 wks. (Forth-IL). in 100 ds. for 1 IRC. v/s Charlene Brisson. 100 watts! (Gliksman).

CANARY ISLANDS: R. Exterior de Espana 11815 via Tenerife f/d "Pantocrator" cd. in 28 ds. w/ calendar. (House-OH). 15365 same cd. in 54 ds. for 2 IRCs. (Newhall-CT).

CELEBES ISLANDS (Molucca): RRI Ternate 3345 f/d ltr. in 78 ds. for an IN rpt. and ms. v/s

* Rusdy Bachmid, Head of Broadcasting Section. (Hensley-TX). EG (!) ltr. rcvd. in 82 ds. for an IN rpt. and ms. Rusdy welcomes all reports and will answer them! (Meyer-WI).

CENTRAL AFRICAN REPUBLIC: R. Centrafrique 5035 n/d ltr. in 65 ds. for 3 IRCs. v/s Michel

Bata, Direction des Services Techniques. (Ewenstein-NY).

CHILE: R. Agricultura 9630 QSL information rcvd. typed on a station pennant. in 6 wks. (Barto)

CHINA: R. Peking 9820 f/d "Temple of Heaven" cd. in 28 ds. (Buttrick-CT). 17855 "Grain" cd.

w/ pennant and pin in 1 mo. (Kremer-WI). "Kunming Lake" cd. in 32 ds. (Harrington-CO).

17855 and 17680 "Forest" cd. in 48 ds. w/ pennant. (Zeichick-ME). 15120 cd. in 34 ds.

(Bergadano-NY). Fujien Front Station of the

PLA 7280 cd. in 5 wks. (Barto-CT).

COLOMBIA: R. Guatapurí 4815 n/d ltr. in 6 mo.

for an EG rpt. (Kite-IL). R. Sutatenza 5095

personal ltr. in 45 ds. for a SP rpt. and 1

IRC. v/s Jardany Suarez Ramirez. (Fisher-

MA)...Station has pennants!... Sam.

COSTA RICA: TIFC 5055 f/d cd. in 10 wks. for 1

IRC. v/s Mary Steele. Pennant rcvd. (Krause-

MN). f/d "Microphone" cd. in 6 wks. for 1

IRC. (Overcamp-SC). R. Noticias del Contin-

ente 9615 f/d cd. in 10 mo. for an EG rpt.

and 1 IRC. (Krause-MN). R. Casino 5954 f/d

ltr. w/ green pennant in 4 mo. for a SP

rpt. and 1 IRC. (Tuchscherer-WI).

CUBA: R. Habana Cuba 15115 "Monument to Jose Jarti" cd. in 208 ds. (Zeichick-ME). 11760 f/d

"Isla de Pinos" cd. in 6 mo. for an EG rpt. (Carbis-CA).

CYPRUS: Cyprus Broadcasting Corp. 9585 f/d "Venus de Milo" cd. in 32 ds. for 2 IRCs. (Newhall-

CT). in 51 ds. for 2

IRCs. (Meyer-WI). cd. in

5 wks. (Johnson-TX).

CZECHOSLOVAKIA: R. Prague

5930 f/d "Konopiste

Chateau" cd. in 3 1/2 mo.

(Matthews-OH). cd. in

97 ds. (Briscoe-IN).

7345 f/d cd. in 40 ds.

(Kretschmer-IA). 9540

"Old Town Square" cd.

in 46 ds. (Demmitt-PA).

11990 f/d "Aerial View

of Prague" cd. in 93 ds

for 2 IRCs. (Mayhugh-NC)

His Majesty's Government
Department of Broadcasting
RADIO NEPAL

submitted by
Syd Osterman and
others

Dear Sir,

Many thanks for your reception report.
I am pleased to confirm that your report was correct.
Date of reception... 16. 16. MAY. 1972
Frequency... 5.840... KCH. 2...
Time... 11.5. 2... to... 12.00... G. M. T.



"BBC Bridge-Tower" cd. sent to us
by Don Minor

B B C

DENMARK: R. Denmark 15165
f/d "Aerial Tower" cd.
in 20 ds. (Tokarchick).

DODECANESE ISLANDS: VOA
6015 f/d cd. in 42 ds.
(Briscoe-IN).

DUBAI (United Arab Emirates)
R. Dubai 9695 p/d ltr.
in 2 mo. v/s Mohamed Al
Mazroie, Director.
(Matthews-OH). 11755
f/d "World Map" cd. in
1 mo. for 1 IRC. v/s
K.F. Fenner. (Overcamp-
SC). in 41 ds. for 1 IRC
(Minor-AZ). 21700 cd.
in 29 ds. for 2 IRCs.
(Clearman-WA). in 30 ds
v/s Harold Robin, C.E.
(Gavaras-MN). in 1 mo.
(Kirkland-ONT). cd. in
5 wks. (Johnson-TX).

ECUADOR: HCJB 26020 f/d cd. in 31 ds. (Tedford-MI). in 46 ds. w/ pennant. (Park-HI). in 5 wks.
(Clark-AZ). 15155 "Colonial Architecture in Zaruma" cd. in 5 wks. (Park-HI). in 33
ds. (Harrington-CO). f/d "Miss Ecuador" cd. in 38 ds. (Tedford-MI). "Quito"
cd. in 47 ds. (Harrington-CO). 6130 f/d "Cuenca Flower Market" cd.
in 5 wks. (Park-HI). 15200 "La Compania de Jesus Church" cd.
in 5 wks. (Park-HI). 9745 cd. in 1 mo. (Carbis-CA).

* R. Baha'i 2340 f/d "Lake Cuycocha" cd. in 44
ds. for a SP rpt. and IRCs. v/s Michael Stokes,
Secretary. (Tuchscherer-WI)...Very nice!

EGYPT: R. Cairo 12050 "Mohamed Aly Mosque" cd. in 84
ds. (Zeichick-ME). cd. in 87 ds. for 1 IRC (Briscoe)

ENGLAND: VOA Woofferton 7200 f/d "Americom" cd. in 16
ds. (Tedford-MI). in 3 wks. (Lazarus-LA).

ETHIOPIA: Voice of Revolutionary Ethopia 7110 f/d green
"Antenna" cd. in 1 yr. for 2 IRCs. (Calderswood-CO).

EUROPEAN RUSSIA: R. Moscow via Michurinsk on 9775 f/d cd.
in 3 mo. for a SP rpt. v/s J. Leoir. (Gliksman-IL). via
Voronezh on 9675 cd. in 3 mo. (Gliksman-IL). via Moscow
on 9680 cd. in 67 ds. (Zeichick-ME). via Tula 9610 cd. in
67 ds. (Zeichick-ME). via Vologda on 15350 cd. in 6 wks.

FEDERAL REP. OF GERMANY: Sudwestfunk 7265 f/d (Gliksman-IL).
cd. in 2 mo. for 1 IRC. v/s Dr. D.R. Schorken, Technical
Director. (Overcamp-SC). Deutsche Welle 6085 "Logo" cd. in 40
ds. (Buttrick-CT). RFE/RL 11885 and 17895 "Map" cd. in 3 wks.
(Barto-CT). VOA Munich 3980 f/d cd. in 25 ds. (Ewenstein-NY).
Bayerischer Rundfunk 6085 black and blue "Logo" cd. in 1 mo. for
1 IRC. (Craighead-KS). in 20 ds. for 2 IRCs. (Lazarus-LA). Sender
Frefes Berlin 6190 f/d "Map" cd. in 18 ds. for 2 IRCs. (Lazarus-LA)

FRANCE: R. France International 17860 f/d "Aerial View of Paris" cd. in
35 ds. w/ stickers for 2 IRCs. (Mayhugh-NC).

GABON: La Voix de la Renovation 4775 folder cd. in 3 mo. for an EG/FR rpt
and 1 IRC. (O'Riordan-ID).

GERMAN DEMOCRATIC REP: R. Berlin International 7185 f/d "Peace Dove" cd. in
15 wks. (Clark-AZ). 21500 f/d cd. w/ pennant in 34 ds. (Dittrich-FL).

GHANA: CBC 4915 personal ltr. in 72 ds. for ms. v/s Ernest Asamoah, Publica-
tions Officer. Brochure "B/Cing in Ghana" enclosed - interesting. (Meyer-
GUAM: KTW 11840 cd. in 14 ds. v/s Gary Whitmore. (Park-HI). WI).

GUATEMALA: TGNA 3300 f/d "Quetzal Bird" cd. in 219 ds. (Bergadano-NY). in 2 mo.
for an EG rpt. and 2 IRCs. v/s Wayne Berger, Chief Engineer. (Carbis-CA).
R. Maya de Barillas 3325 f/d "Mayan Warrior" cd. in 1 yr. for a SP rpt. and 1
IRC. v/s Lorán W. Veith, Jr. (Gliksman-IL). TGMUA/Union Radio 5980 f/d ltr. w/
pennant in 66 ds. for an EG rpt. and ms. v/s Esteban Lopez-Porras, General Mgr.
(Meyer-WI). TGW R. Nacional 6180 cd. and pennant in 23 ds. for 2 IRCs. v/s Rodo-
lfo Chenal Luna, Director General. (Briscoe-IN).

HAITI: R. 4VEH 11835 f/d cd. in 202 ds. v/s Edna Beachy. (Bergadano-NY). in 7 wks. for
1 IRC. (Krause-MN). "Childrens Choir" cd. in 48 ds. (Johns-TN).

HOLLAND: R. Nederland 17695 "Three
Personage" cd. in 20 ds. (Minor-
AZ). 17605 cd. in 23 ds. (Thompson
-ONT). Site QSLed as Lopik.



RADIO EXTERIOR DE ESPAÑA



HRPL y HRPL--3
RADIO PROGRESO

APARTADO 211
 EL PROGRESO, YORO
 HONDURAS, C. A.

raí Italia

QSL card

"Rachele Scacciagli Idoli"

card from R.A.I.



HONDURAS: R. Luz y Vida 3250 f/d ltr. in 1 mo. for a SP rpt. and ms. v/s Donald
 * Moore, Director. Station will accept EG rpts. (Lazarus-LA). in 1 mo. for a SP rpt. and 2 IRCs. (Tuchscherer-WI).

HUNGARY: R. Budapest 9835 jumbo cd. for DX Club members in 1 mo. (Byron-NY). cd. in 47 ds. for 2 IRCs. (Mayhugh-NC). 11910 cd. in 30 ds. for 1 IRC. (Briscoe-IN).

ICELAND: ISBC 12175 f/d cd. in 74 ds. (Berg-

INDIA: AIR 15350 f/d "Gateway to adano-NY) Akbar's Tomb" cd. in 17 ds. (!) for ms. (Park-HI). 11620 "Bengali Tiger" cd. in * 106 ds. (Tedford-MI). AIR 4800 via Hyderabad w/ f/d "Charminar" cd. in 65 ds. for 1 IRC. v/s A. Venkataramana. (Gliksman-IL). in 1 mo. for 3 IRCs. v/s Mrs. K.R.L. Reddy, Asst. Mgr. (Matthews-OH).

IRAN: Voice of the Iranian Revolution 9022 f/d cd. in 194 ds. for 2 IRCs. Addr: P.O. Box 98/200. (Reitz-KY). in 93 ds. w/ photo of Khomeini suitable for #*Z\$. (Demmitt-PA). same in 59 ds. (Reid-CA). 15084 same in 73 ds. for 2 IRCs. (Green).

IRAQ: R. Baghdad 9745 f/d cd. in 69 ds. (Johns-TN). in 119 ds. (Bergadano-NY). in 7 wks. w/ pennant. (Braga-MA)... Haven't seen the special War QSL they were advertising... Sam.

IRELAND: R. Dublin 6315 f/d cd. in 70 ds. (Munster-GA). cd. and sticker in 7 wks. (Johnson-TX). in 6 wks. for 2 IRCs. v/s Valerie, Receptionist. 500 warts. (Lazarus-LA). cd. and sticker in 26 ds. for a taped rpt. and 2 IRCs. (Krause-MN). in 33 ds. for 2 IRCs. (Green-AL). in 9 wks. (Kohlbrener-PA). in 1 mo. (Leite-MA). 6316 cd. in 25 ds. mentioned tx on 14.4MHZ. in the near future. (Gavaras-MN). in 42 ds. for 2 IRCs. (Meyer-WI). in 2 mo. for 2 IRCs. (Tuchscherer-WI). in 53 ds. for 3 IRCs. (Newhall-CT). in 6 wks. for 2 IRCs. (Braga-MA). in 3 wks. for 2 IRCs. v/s Angie Meier. (Ewenstein-NY). in 36 ds. (Dittrich-FL). 6319 cd. and sticker in 6 wks. (Matthews-OH). 6287 cd. and ltr. in 22 ds. for 1 IRC. (Mayer-OH).

ITALY: RAI 11800 f/d cd. in 69 ds. (Bergadano-NY). 9710 and 15330 "Fontana dei Quattro Fiumi" cd. in 5 wks. (Barto-CT). 9575, 11800, 11905, 15245 and 15385 f/d cds. in 6 mo. (Munster-GA).

JAPAN: R. Japan 9505 "Kokeshi" cd. in 67 ds. (Harrington-CO). 15235 f/d "Winter at Mt. Fuji" cd in 47 ds. (Harrington-CO). "Straw Horse" cd. in 20 ds. (Park-HI). 15270 cd. in 1 mo. (Matthews-OH). "Emperor & Empress Dolls" cd. in 21 ds. (Brouillette-MI). 17755 f/d "Noh Mask" cd in 24 ds. (Bergadano-NY). in 13 ds. (Harrington-CO). 17825 "Fuji" cd. in 37 ds. (Buttrick-CT). in 5 wks. (Braga-MA). "Dolls" cd. in 35 ds. (House-OH). in 16 ds. for 2 IRCs. (Kretschmer-IA). 21640 cd. in 18 ds (Buttrick-CT). in 23 ds for 1 IRC. (Briscoe-IN).

Autumn landscape at Thingvellir card (Site of Iceland's first parliament in the 10th century).
 ICELAND STATE B/Cing Service



pingvellir

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

JAVA: Voice of Indonesia 11790 f/d "Indonesian Bride" cd. in 75 ds. for 2 IRCs. (Tedford-MI). "Puppet" cd. and pennant in 116 ds. (Bergadano-NY). **RRI Jakarta Nasional** 4774 ltr. in 27 ds. for an IN rpt. and a tape. v/s Anwar Siregar, Kepala. (Kusalik-ALTA). **RKPKDTk2** 4601 **Trenggalek** ltr. in 2 mo. for an IN rpt. and ms. v/s Andreas Soemarsono, Bagian Teknik. (Kusalik-ALTA).

* **RKPDtk2** 3505 **Banyuwangi** f/d prepared cd. in 3 mo. for an IN rpt. (Kusalik-ALTA).

JORDAN: R. Jordan 9560 f/d ltr. in 1 mo. for 2 IRCs. (GreenAL). in 5 wks. (Braga-MA).

KAMPUCHEA: Radio of the Voice of the People of Kampuchea

* 9695 f/d personal ltr. in 7 mo. for a rpt. sent via Hanoi. v/s Miss Som Kim Suor

RADIO AUSTRALIA

OVERSEAS SERVICE AUSTRALIAN BROADCASTING COMMISSION

Box 380H, G.P.O., Melbourne.

OFFICIAL VERIFICATION

Donald Barber
This confirms your reception of VLOC operating on 9-615 megacycles on 8/10/55 at 0715 hours PST
We thank you for your reception report.

Mr. Johannes Director
Radio Australia

Sour, Head of the Foreign Service. (Craighead-KS)... Hope this answers some questions!

KENYA: Voice of Kenya 4934 f/d ltr. in 34 ds. v/s Indrajit Kaura. (Reitz-KY).

KIRGHIZ SSR: R. Moscow via **Frunze** on 11820 and 15450 f/d cds. in 2 mo. (Meyer-WI).

KOREA, PEOPLES REP: R. Pyongyang 9977 cd. w/ red, white & blue pennant in 97 ds. (Bergadano).

KOREA, REPUBLIC OF: R. Korea 11810 f/d "KBS Bldg." cd. in 47 ds. (Park-HI). 11830 "Inlaid Celadon Water Jar - 12th Century" cd. in 5 wks. w/ 16th different pennant! (Barto-CT).

KUWAIT: R. Kuwait 11665 f/d "Mosque" cd. in 96 ds. (Johns-TN).

LATVIAN SSR: R. Moscow via **Riga** on 21615 f/d cd. in 5 wks. (Gliksman-IL). R. Riga 5935 f/d cd. in 4 mo. v/s R. Viskere, Mailbag Editor. (Clark-AZ).

LEBANON: Voice of Hope 6215 f/d ltr. rcvd. via the Israel address. v/s Charles Pollak, Vice * President and General Manager. (Kapinos-MA).... First one!

LIBERIA: VOA **Monrovia** 15240 f/d cd. in 16 ds. (Bergadano-NY).

LIBYA: **SPLAJBC** 17930 f/d "Scenes" cd. in 5 mo. (Braga-MA). 15250 f/d cd. in 5 mo. Addr: * P.O. Box 3781 not 333. (Kite-IL).. Thanks!

LITHUANIA: R. Vilnius 11735 f/d folder cd. in 130 ds. (Buer-FL).

MADAGASCAR: R. Nederland 15220 f/d "Authentic Costume" cd. in 22 ds. (Tedford-MI). in 26 ds. (Reitz-KY). "Karel Appel" cd. in 9 ds.

* My VERY FIRST QSL!!! (Clearman-WA)... Great!

MALI: R. Nationale 5995 p/d "Map" cd. in 4 mo. for 2 IRCs. (Kohlbreuner-PA).

MALTA: **IBRA Radio** 9510 "Reaching Africa" cd. in 4½ mo. (Kirkland-ONT).

MEXICO: R. Mexico 17770 f/d cd. in 61 ds. (Demmitt-PA). 15430 cd. in 2 mo. for 1 IRC. (Kohlbreuner-PA). cd. and sticker in 29 ds. (Briscoe-IN). in 42 ds. for 1 IRC. (Lunn-VT). 5985 cd. and sticker in 3 wks.

MONACO: **Trans World Radio** 9495 (Johnson-TX). "Antenna" cd. in 2½ mo. (Matthews-OH).

MOROCCO: **RTVM** 21725 f/d folder cd. in 38 ds. v/s J. Tanane. (Demmitt-PA).

NAMIBIA: R. SWA 3270 f/d cd. in 84 ds. for 1 IRC. v/s C. Heppe. (Howard-CA). cd. in 6 wk (Field-MI). "Mountain Fire" cd. in 40 ds. for 2 IRCs. (Gavaras-MN). 4965 f/d cd. in 7 wks. for 1 IRC. (Gliksman-IL). in 3 mo. for 3 IRCs. (Craighead-KS). in 70 ds. (Meyer-WI) in 80 ds. for 2 IRCs. (Reitz-KY). 7190 cd. in 2 mo. for 1 IRC. (Dittrich-FL).

NEW BRITAIN: R. East New Britain 3385 f/d cd. in 387 ds. for 1 IRC. v/s Pearson Talwat, Station Mgr. (Desrosiers-MA). in 10 mo. for 2 IRCs. (Forth-IL). in 134 ds. for ms. and an EG rpt. (Meyer-WI).



NEW CALEDONIA: FR3 7170 ltr. in 1 mo. for 2 IRCs. (Kirkland-ONT). in 40 ds. for 1 IRC. (Fisher-MA).

NEW ZEALAND: R. New Zealand 15345 and 6105 w/ "Dairy Farming" & "Sheep Grazing" cds. in 23 ds. Pennant was rcvd. (Park-HI). 17860 cd. in 41 ds. (Tedford-MI).

NICARAGUA: La Voz de Nicaragua 5950 n/d ltr. in 46 ds. for an EG rpt. and 1 IRC. v/s Eustasio Sanchez. New pennant rcvd. (Howard-CA). in 38 ds. for a SP rpt. and 2 IRCs. (Algeri-PA). in 5 wks. (Kohlbrener-PA). in 2 mo. for ms. (Kusalik-ALTA). 5920 f/d ltr. w/ pennant in 24 ds. (Demmitt-PA).

NIGER: ORTN 5020 f/d "Map and Logo" cd. in 36 ds. for an EG rpt. and 1 IRC. (Howard-CA). 5020 and 3260 cd. in 24 ds. for 3 IRCs. and a few used stamps. (Kirkland-ONT).

NIGERIA: Voice of Nigeria 15120 f/d cd. of Tafawa Balewa Square" in 167 ds. for 2 IRCs. (Futch-GA). FRCN 4770 via Kaduna f/d ltr. in 6 wks. for 1 IRC. v/s Ismaila Mohammed. (Krause-MN) * FRCN 4990 via Lagos f/d "Milk Sellers" cd. in 30 ds. for 1 IRC. (House-OH). Cross River R. 6145 via Calabar f/d ltr. in 6 wks. for 2 IRCs. v/s Ekpo E. Ekpo. (Overcamp-SC). ltr. in 40 ds. for 1 IRC. (61kisman-IL)... I thought I've seen most of the good v/s's... now. Plateau Broadcasting Corp. 5965 via Jos f/d ltr. in 6 wks. for 1 IRC. (Krause-MN).

NIGERIA (Biafra): FRCN 6025 f/d ltr. in 5 1/2 mo. for an EG rpt. (Braga-MA).

NORWAY: R. Norway 15175 f/d "Winter in Norway" cd. in 78 ds. w/ travel poster. (Futch-GA). 21730 cd. w/ flag in 1 mo. (Dittrich-FL). 17840 and 21730 cds. in 33 ds. (Thompson-ONT). 21655 "Autumn Mountain w/ Stream" cd. in 60 ds. v/s Eulug Thokle, SW Division (Johns-TN).

OMAN: BBC 11955 n/d cd. in 20 ds. (Gavaras-MN). 7135 f/d "WRCDX Award" in 4 mo. (Matthews-OH).

PAKISTAN: R. Pakistan 21755 "Lahore" cd. in 123 ds. (Zeichick-ME). 21590 f/d "Badshah Mosque" cd. in 7 wks. for IRCs. (Krause-MN). f/d ltr. in 7 wks. for a rpt. to Mr. Khalid Ali, Press Counsellor at the Pakistani Embassy in Washington DC. (Krause-MN).

PAPUA NEW GUINEA: NBC 4890 Port Moresby f/d "Map" cd. in 22 ds. for 2 IRCs. (Tedford-MI).

PHILIPPINES: VOA 26000 Poro cd. in 10 ds. (Briscoe-IN). 17820 cd. in 19 ds. (Bergadano-NY).

FEBC 17810 "Hut" cd. in 46 ds. for 3 IRCs. (Lunna-VT). in 62 ds. (Johns-TN). OH).

POLAND: R. Polonia 9525 f/d "Logo" cd. in 2 1/2 mo. v/s Zdzislaw Frackiewicz, Editor. (Matthews-PORTUGAL). RFE p/d "Map" cd. in 6 wks. for 1 IRC. (Kohlbrener-PA). R. Portugal 11925 "Polar Bear" cd. in 24 ds. (Buttrick-CT). 6185 "Vasco da Gama" cd. in 43 ds. (Clearman-WA).

RUMANIA: R. Bucharest 9570 "Spa" cd. in 1 yr. (!) (Reid-CA)... Quite a while for them!

SAUDI ARABIA: BSKA 15060 and 11855 f/d cd. in 6 wks. for 1 IRC. Also rcvd. station slides v/s A.M. Swailem, Assistant Deputy Minister of Engineering. (Krause-MN). dano-NY).

SINGAPORE: BBC 11955 f/d "WRCDX Award" in 4 mo. (Matthews-OH). 17715 n/d cd. in 71 ds. (Bergadano-NY).

SOUTH AFRICA: R. RSA 9585 "African Elephant" cd. in 32 ds. (Harrington-CO). in 31 ds. (Bergadano-NY). 21535 "Goldmine Headgear" cd. in 24 ds. (Park-HI). 11900 cd. in 37 ds. (Zeichick-ME) SABC 4835 cd. in 24 ds. w/ 2 diff pennants and several stickers (Park-HI). f/d cd. in 28 ds. w/ Springbok Radio pennant. (House).

Moscow, USSR
October 25, 1955

Ronald Carbis,
956 Indian Rock Ave.
Berkeley 7, Calif.
U.S.A.

Dear Sir,

This is to verify your reception report of our transmission on October 7, 1955 from 10:30 to 11:00 pm PST on 9.7 mc.

Sincerely yours,
RADIO MOSCOW
Letters Dept.

I. Petrov
I. Petrov

South America Calling

HCB



El Sr. Henry Show
Le confirmamos la recepción de vuestro programa el día 2 de marzo de 1954.
Con la Onda de 73 m. Potencia de 150 w.
QUITO-ECUADOR-S.A. Staradecemos su reportaje.
LA VOZ DE LOS ANDES Director - C. X. X.

SPAIN: R. Exterior de Espana 9360 f/d "Pantocrator" cd. in 1 1/2 mo. (Matthews-OH). in 58 ds. (Bergadano-NY).

SRI LANKA: Adventist World Radio 15120 f/d
 "Radio Monitors International" cd. w/
 pennant in 10 wks. for 3 IRCs. (Craighead)
SUMATRA: RRI Pekanbaru 5886 personal ltr. in
 10 mo. for an LN rpt. and ms. v/s Azil
 Azwar, Kepala Srasion. (Kusalik-ALTA).
SURINAM: R. SRS 4850 folder cd. & stickers in
 43 ds. for an EG rpt. and 2 IRCs. v/s Roy
 J. Zschusschen, QSL Manager. (Green-AL).
 in 5½ mo. for 2 IRCs. (Kirkland-ONT). in
 64 ds. for 1 IRC. (Clark-AZ). in 3 wks.
 for 3 IRCs. (Matthews-OH). R. Apintie 5005
 ltr. and pennant in 37 ds. v/s E. Vervu-
 urt, Director. (Zeichick-ME). in 35 ds.
 for 2 IRCs. (Gavaras-MN). ltr. and pennant
 in 1 mo. (Kirkland-ONT). in 26 ds. (Kite-
 IL). in 50 ds. for 1 IRC. (House-OH). in 5
 wks. (Krause-MN). rcvd. 1981 calendar as
 per QSL. (Overcamp-SC). 5006 ltr. and a
 pennant in 1 mo. for a taped rpt. and 3
 IRCs. (Matthews-OH). in 29 ds. for 2 IRCs.
 (Clearman-WA). 4794 in 3 wks. (Kohlbrener)
SWAZILAND: Trans World Radio 6070 f/d -PA)
 "Warrior" cd. in 33 ds. for ms. (Park-HI).
 9730 f/d "TWR" cd. in 24 ds. for 1 IRC.
 v/s J. Olson. (House-OH).

SWITZERLAND: Swiss Radio International 21570
 f/d "Mountains at Sunset" cd. in 30 ds. (Harring-
TAHITI: FR3 15170 "Nudie Cutie" cd. in 2 mo. ton-CO)
 for an EG rpt. v/s H. Sire, Director. (Kirkland).
TAIWAN: Voice of Free China 15270 f/d "Incense Burn-
 er" cd. w/ pennant and sticker in 3 mo. (Kite-IL).
 in 29 ds. w/ pennant for 2 IRCs. (Mayhugh-NC). in
 92 ds. w/ "Butterfly" cd. for 1 IRC. (Lunna-VT).
 15225 cd. in 30 ds. for 2 IRCs. (Green-AL).
TANGIER: VOA 15205 f/d cd. in 11 ds. (Tokarchick-NY).
RTVM 6170 and 15155 via Tanger f/d green folder
 cd. in 3 mo. v/s J. Tanane, Le Directeur Techni-
 que P.I. (Barto-CT).

THAILAND: R. Thailand 9655 n/d cd. and a personal ltr.
 in 95 ds. for 2 IRCs. v/s Ramyong Sakornpan, Chief
 of the External Service. (Meyer-WI).

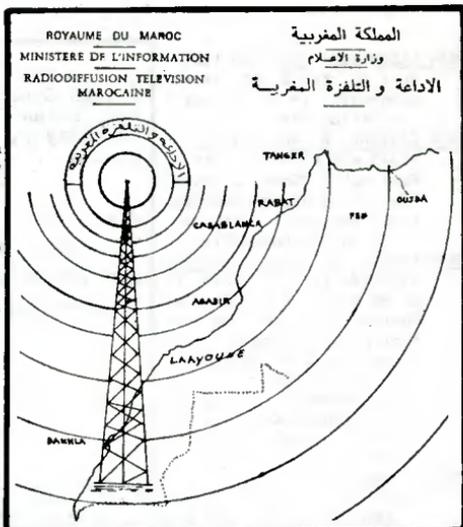
TIBET: Xizang PBS 5935 f/d "Bridge" cd. in 40 ds. via Peking. (Gavaras-MN). 4035 f/d cd. in 5
 * wks. also via Radio Peking. (Krause-MN).

TURKEY: Voice of Turkey 9725 f/d "Turkish Sandman" cd. w/ Sunshine Radio pennant in 51 ds.
 for 2 IRCs. (Futch-GA). f/d "Women Folk Dancers" cd. w/ pennant in 58 ds. for 1 IRC. (Brou-
 illette-MI). 7215 "Castle" cd. w/ pennant in 67 ds. (Lunna-VT).

TURKMEN SSR: R. Moscow via Ashkhabad on 11930 f/d "Kremlin" cd. in 45 ds. (Meyer-WI).

UKRAINIAN SSR: R. Moscow via Kiev on 7160 f/d "Cathedral" cd. in 2½ mo. v/s Mrs. Clara Slav-
 ina. (Brouillette-MI). via Simferopol on 17810 w/ f/d
 "St. Basils" cd. in 2 mo. (Meyer-WI).

UPPER VOLTA: Radiodiffusion Voltaïque 4815 form ltr. in 22
 ds. on my 7th try! C/V #200! (Kusalik-ALTA)...Congrats!
USA: WINE f/d cd. in 47 ds. (Reid-CA). WYFR 17845 f/d "Globe
 and Logo" cd. in 13 ds. personal ltr. rcvd. from Karen
 Johnson, EG Dept. (Park-HI). KGEI 15280 f/d "Scenes of
 San Francisco" cd. w/ 20th Anniversary pennant in 41 ds
 * for ms. (Dittrich-FL). WSKC 1610 via Minnetonka, MN. f/d
 cd. in only 2250 ds!!! This was for a 12/24/74 reception
 report. Announcer said over the phone that they were
 going to send a QSL but it was never rcvd. Finally rcvd.
 cd. via a friend who works with the former station engnr.
 in Mpls. 25 watts! What a surprise!!! (Gavaras-MN).
 * R. Confusion 7552 f/d blue "Logo" cd. in 57 ds. for ms.
 Bumper stickers also rcvd. (Hoffman-PA). VOA Greenville
 15205 f/d cd. in 10 ds. (Brouillette-MI). 17785 f/d "Am-
 ericom" cd. in 21 ds. (Tedford-MI). AFRTS 15330 via Beth-
 any f/d "DOD Logo" cd. in 73 ds. (Mayhugh-NC).
USSR: R. Moscow 17720 "St. Basils" cd. in 62 ds. (Kretschmer-
 IA). 12050 cd. in 50 ds. (Harrington-CO). 9800 cd. and
 pin in 36 ds. (Demmitt-PA). 600 KHz f/d "Soviet Embassy"
 cd. in 63 ds. (Tedford-MI).



via
 Glikman
 in IL.

ALL INDIA RADIO
 HYDERABAD

gratefully acknowledges your communication
 and takes great pleasure in confirming your
 Reception Report

Entered on ... 20th Nov-80

Time ... 1308 to 1321 hrs. CET

Frequency 4900 F.M.

(A. Venkateswarlu)
 Asst. Stn. Engineer

Radio Singapore OSL
 G. P. O. Box 1902
 Republic of Singapore

Date: 8.5.79.

From John Meyer

We are pleased to receive your reception
 report on 11340 kHz
 from 1554 GMT to 1630 GMT
 on 16.4.79.

Your report agrees / does not agree with
 our programme schedule.

We hope you have enjoyed the pro-
 grammes and will continue listening to our
 broadcasts.

for Director of Broadcasting

USSR: R. Moscow 15240 "Misha" cd. w/ pin in 31 ds.(Reid-CA). 7170 cd. in 35 ds.(Reid-CA). 7260 "War Memorial" cd. in 35 ds.(Reid-CA). R. Peace and Progress cd. in 1 mo.(Demmitt).
 UZBEK SSR: R. Moscow via Tashkent on 11835 f/d cd. in 7 wks.(Matthews-OH). in 2 mo.(Meyer-WI). R. Tashkent 6025 f/d cd. in 83 ds.(Thompson-ONT). (Dittrich-FL).
 VATICAN: R. Vatican 11845 f/d "Antenna" cd. in 29 ds.(Minor-AZ). 6015 cd. in 1 mo. for 1 IRC
 VENEZUELA: R. Yacacuy 4940 f/d form ltr. in 63 ds. for a SP rpt. v/s Silverio Pendoza.(Bergadano-NY). Ecos del Torbes 4980 f/d ltr. w/ blue pennant in 54 ds. for a SP rpt. and ms. v/s Albertina, for G. Gonzalez Lovera, Director.(Reitz-KY). R. Maturin 5040 f/d "Antenna Site" cd. in 43 ds. for a SP rpt. and ms. v/s Carmelo Resplandor.(Reitz-KY).
 VIETNAM, SOCIALIST DEMOCRATIC REPUBLIC OF: Voice of Vietnam 10080 f/d paper cd. in 6 mo. Rcvd. Map showing Kampuchea as an integral part of Vietnam.(Craighead-KS). 10040 cd. in 16 mo. for 2 IRCs.(Lazarus-LA). cd. in 6 mo.(O'Riordan-ID).
 WEST BERLIN: RIAS 6005 f/d "Headquarters" cd. in 7 wks. for 1 IRC.Also rcvd. map of Berlin. (Overcamp-SC). same in 3 wks.(Braga-MA).
 WEST IRIAN: RRI Sorong 4875 f/d cd. in 95 ds. for an IN rpt. and ms. v/s A.F. Cusmany. Could someone translate a short note that I rcvd. from this station? (Meyer-WI).
 YEMEN ARAB REPUBLIC: R. Sana'a 9780 p/d ltr. in 7 mo. for an EG rpt. and 3 IRCs.(Matthews-OH) same in 15 mo. for an EG rpt. and 2 IRCs.(Calderwood-CO).
 YEMEN, PEOPLES DEMOCRATIC REPUBLIC OF: 7190 via Aden w/ pink "Tower and Logo" cd. in 2 mo. for 3 IRCs. This after several years of trying!!! v/s Abdulla Nasser Yeslam.(Craighead).
 ZIMBABWE: Zimbabwe Broadcasting Corp. 3396 large f/d cd. in 4 mo. for 2 IRCs. Card now shows the geographic coordinates of the station. v/s S. Townsend. For this station I now have * QSLs marked Rhodesia & Nyasaland, Southern Rhodesia, Rhodesia, Zimbabwe Rhodesia and now Zimbabwe! (Craighead-KS)...Your showing your age...Sam. "Map" cd. in 6 wks. for 1 IRC. and an EG rpt.(Gliksman-IL).

This month we had 119 countries reported by you. Pretty good! Lets try to break the 130 mark next month. We did it once before....Sam.

VERIFICATION SIGNERS: Ondas del Orteguaza 4975 Jorge Daniel Santos Calderon, Gerente. RRI Medan 4765 P.H. Tobing, Station Chief Engineer. RRI Djakarta 4775 Azwar Syamsudin, Head of Radio Programming. R. Nacional Luanda 4820 Miguel da Conceicao Bras. R. Vitoria 5025 Jose Luzardo R. Ribeiro, Tecnico Engineer. R. Bukavu 4839 Katchunga B. Shabani. FRCN Ibadan 6050 G.O. Oladshun, Assistant Director. Azad Kashmir Radio 4980 Sajjad Ali Sipdiqui, Engineer Manager. Qatar Broadcasting Station E. Said, Chief of Public Relations. La Voz del Cinaruco 4865 Efrahim Varela Noriega, Commercial Director. R. Dragao do Mar 4925 Maria Nella Godiella. R. Nacional Tabatinga 4815 Jose Eleri Pimenta de Oliveira. Radio Bertoua 4750 James A. Fontem. Voice of Lebanon 6550 Joseph el Aashem, General Mgr.

HAP THANKS: For assisting us this past mo. thanks go out to Chris Sargent, John Fisher, Vlad Cucura, Tom Haskett, Bob Wirrell, Bob Fraser, Andy Wallace, Rich Kenneally, Maico Kelly, Mike Reid, Joy Cronin, Rich Evans, Jim Green, and Emmett Hoffman...Thanks!

Thanks also go out to all the fine people who have written to me during the previous month including Bill Taylor, Kevin Briscoe, Ron Carbis, Bill Krause and Bill Lunna who says that the new address for the Voice of Turkey is now: Turkiye nin Sesi Radyosu, Posta Kutusu 333, Yenisehir, Ankara. Thanks!

Thanks a lot to everyone for making this column a success. For all of you who have been asking the NEADKO this year is scheduled for Sept. 12th and 13th. Additional information will be released at a later date.

Till next month,

Sam



橫秀治繪
 明 呂紀
 雪岸雙鴻
 LU Chi's
 Two geese on a
 Snowy bank.
 Ming Dynasty
 Embroidered by
 Yang Hsiu Chih.

HAP BID ITEMS: #335: WDOM sticker(3x11") rare RI college station, B&W. #336: WDOM T-Shirt(S-M) B&W-beauty! #337: WWIN book cover(12x24") red, white. #338: R. Guaiba(Brasil)1978 decal(4x5") green, white. #339: R. Korea cloth pennant(4x8.5") red, silver-sharp! #340: R. Budapest post-cards, 7 different, m/c. #341: WITL belt-buckle(very heavy)"Best in the Country", gold. #342: R. Tay(Scotland)T-Shirt(M)B&W, sharp! #343: R. Tay decal(2.5x8")B&W. #344: R. Tay dial type sticker(1.5x8")B&W, OOP. #345: Voice of Free China sticker(2.5x4")m/c. #346: CFTR metal badge(2.5"cir)orange, blue. #347: R. Varmland(Sweden)sticker(1.5"cir). #348: R. Peking paper pennant"Mountain Village"(5.5x10.5")m/c. #349: R. Peking paper pennant"Tien an Men"(5.5x10.5")m/c. #350: R. Northland(New Zealand)sticker(4.5x5")blue, white, OOP. #351: R. Mara(Venezuela)sticker(4.5x4.5")m/c-sharp! #352: R. Nolan(Holland)sticker(3x4")red, black. #353: Deutsche Welle sticker(3.5x8.5")blue, white. #354: R. Avon(New Zealand)sticker(5x7.5")metallic silver-must be seen to be believed!!! #355: PMB Radio(UK)sticker(3.5"cir)red, B&W. #356: BBC R. Medway(UK)sticker(3.5"cir)blue, whir, red. #357: R. Nederland stickers, 4 different, m/c. #358: BBC R. Medway(UK) T-Shirt(S/M)c-beautiful!!! #359: BBC R. Medway decal(2x1.5")m/c. #360: CBC Northern Quebec Service vinyl pennant(3.5x8.5")blue, white. #361: BBC R. Medway(UK) pen, blue. #362: BBC R. Scotland metal badge"Naked Radio Makes You Blind" black, pink. #363: HCBJ sticker"50th Anniversary"(2.5x6")m/c. #364: R. Nederland stick pin, m/c. #365: CBC Radio T-Shirt(XL)"90 Minutes with a Bullet"m/c. #366: CBC Radio T-Shirt(XL)"Dr. Bundolos Pandemonium Medicine Show", m/c. #367: KTRW paper pennant(vertical)(3x8.5")black, yellow. #368: KOOL T-Shirt(XL)m/c georgeous! #369: R. Bucharest key chain, m/c-beautiful! #370: 2ZA(New Zealand)sticker(3x6.5")black, yellow. #371: YNCR(Nicaragua)cloth pennant(3.5x7")m/c-beauty! #372: WLPX iron-on"Fanny Gram"(3"cir)yellow, black. #373: R. France International stickers, 2 different, m/c. #374: WWON pen, yellow. #375: WWON pen, blue. #376: WCOZ T-Shirt(M)"Rock and Roll Radio" yellow, black. #377: WCOZ T-Shirt(S)same as 376. #378: WCOZ book and paper holder, yellow, black, pink-beautiful! #379: WWON ice scraper, orange. #380: WWON ice scraper, yellow - they really work! #381: CKVO(Newfoundland)sticker(5.5"cir)yellow, white and brown-sharp! #382: VOCM(Newfoundland)sticker(5.5"cir)m/c. #383: VOCM(Newfoundland)decal(3x14")-sharp! #384: CBC Radio tote bag(14x15")orange, white-beautiful! #385: WWWE litter bag(14x15")2 tone brown. #386: CBC Northern Service vinyl pennant(3.5x8.5")blue, white. #387: R. Mexico cloth pennant(7x9")m/c-sharp! #388: R. El Mundo(Argentina)sticker(2.5x6")blue, white. #389: R. Canada International vinyl pennant(4x9")red, white. #390: R. New Zealand paper pennant"Shortwave Service"(4.5x8.5")red, orange. #391: R. Sweden paper pennant(4x8.5")yellow, blue. #392: BRT paper pennant(4x8")m/c. #393: R. Sweden sticker"Keep in Touch"(over 2' long!)yellow, blue. #394: WMET metal badge(1.5"cir)blue, yellow. #395: R. City(UK)metal badge(1"cir)orange, B&W. #396: 32M(New Zealand)stickers"Feel it", 2 different. #397: Regional Omroep Zuid-ROZ(Holland)stickers, m/c, 2 different... Abbreviations used:m/c multi-colored. B&W black and white, OOP Out-of-Print, cir circular, standard shirt sizes S,M,L,XL...Sam.

DIRECT SALE ITEMS: The following stickers/decals are being offered at \$.25 each or any 5 for \$1.00: New since last issue...WGGH, WDDD, WWON, CKOK, KWKH, KROK, WCMS, WGH, KING, KGW, KEX, KXIS, KULK, CKAN, BBC R. Victory, BBC R. Medway, 2AY, R. SEC, Swiss Radio International, WRIF, WDCR, WCOZ, WHUM(truck), R. Bucharest, R. Benelux banner, WHAS(large), WHAS(small), WCNG, KREM(large), KREM(small). The following are also in stock for the same prices...Canadian Forces Network(FRG) CFSX, KLZ, WGLB, KINK, WCUZ, KAZM, WRKO, WWWE(small), WWWE(large), WVON, WDAI, WKHI, WJMS, KOHI, WSBA, CBE, WLPX, WTRU, KSHY(small), WJDY, WAYE, WJEJ, WMD, WAYZ, WPGC, R. Budapest, CKNW, CFNB, WNDU, KSHE(large), R. Tees(UK), R. Vatican, WNYN, WZND, KNIX(large), KNIX(small), WMNI, WMAQ, WZEE, WQHI, KLOR, KROY, WRCK, WEFM, KZOK, WRBR, WYSL, WNSM, WPFR(large), WPFR(small), WMET, WOWO, WLS, WOKW, WRFK, KYMS, WCAV, WFME, KJR, WHAL, WEEU, WKTJ, WCFL(large), WCFL(small), WDET(large), WDET(small), and WXLN.

The following stickers/decals are being offered at \$.50 each(some are limited quantities... first come first served!!!) Oceania: 4KQ, 4VL, 3LO, BHA, 7NT, 7SD, 1ZQ, 5DN, 1ZM, 2ZG, 4MK, 3ZM, 2CB, 3AW, ABW-TV, 6WF, ABC-FM Perth, United Kingdom: R. Clyde(Scotland), BRMB Radio, Downtown Radio(Northern Ireland), Piccadilly Radio, R. Aberdeen(Scotland), R. Ulster(Northern Ireland) and Capital Radio....Hope there is a little something for everyone in the above items...Sam.

MORE DIRECT SALE ITEMS: These items are available at the quoted prices: WLS and KREM plastic ID cards at \$.25 each; Voice of Syncom mini-poster \$.25; European Music Radio banner, red, black or blue. \$.25 each; KLOS "Too-Hip" sticker \$.50; CFMB-Radio Montreal super sized sticker \$.50; ORF (Austria) pin \$.50; R. Canada International decal \$.50; WHBQ "Banana" \$.50; R. France International triangular or large sticker \$.50 each; CKEY "Rainbow" decal \$.50; R. Vatican paper pennant \$.50; R. Nederland sticker \$.50; VARA Dutch Radio sticker \$.50; VARA-LINJ3 Dutch Radio sticker \$.50; WRCK napkins \$.25; and ANARC sticker at \$.50.

SPECIALS: USA Special: (my choice) 6 different stickers/decals \$1.00, 13 different \$2.00 or 21 different for \$3.00... ITALIAN Special: (my choice) 4 different for \$1.00 or 9 for \$2.00.

CLOSEOUTS: King sized wall posters... 4 different for \$1.00(KRNA, WDET(2), WMET(2), WFLN, WXL0)

NOTICE: HAP has requested and received Non-Profit Status from the IRS. All of your purchases are now officially TAX DEDUCTIBLE....Yea! Remember, all of your monies go to support the efforts of HAP, CHAP and the overseas HAP Chapters.

ADDRESS: Sam Barto, 460 Emmett St. B-19, Bristol, CT. 06010 USA.

HAP BID WINNERS: R. Boyd(266) M. Williams(236) C. Sargent(226) M. Greeley(242) T. Semesky(233) 235,244,251,253,264) J. O'Donnell(260,269) M. Schlesinger(241,258) D. Jakubowski(246,254) R. Lavoie(230,240) R. D'Angelo(237) G. Tokarchick(271) N. Petrov(245) M. Withers(248,261) D. Moore(257,267) B. Campbell(229,232,255,259,262,263) K. Forth(268) J. Bry(247) P. Lerner(228,234,238) T. Adams(270) B. Matthews(265) B. Kramer(243,250) P. Butler(224) L. Cammer(231,239,249) and D. Jordan(225,227,256)....Thank you all!...Sam.

update

April 1981***Number 88

Tom Alleman
615 W. 43rd Terr., Apt. 6
Kansas City, MO 64111 USA
(816) 931-5943 0100-0400 only

UPCOMING DEADLINES: 10 April (Mid-April) 19 April (May) 10 May (Mid-May)

Reproduction permitted provided credit is given original reporter ans NASWA UPDATE, Dates, times and days are GMT; freqs are kHz.

BELIZE RB, 3285, in EG 0403; good. Sports Report (football nx) ad SP pgm. (Jack Jones, MS 3-11)

BRAZIL R, Tapuyo, 3295, in PT 0003-15; two M anncrs w/ chatter, local pops. Expected this to be Iguatemi but ID was 100% Tapuyo. This on 3-9. Next night, back to Iguatemi w/ usual accor-dian mx. (Neal Perdue, AL)+++R. Tabajara, 4795, in PT 0403*; closing anncmts and ID by M. (Perdue, AL)

CHILE R. Calama, 6099.5, in SP 0943; no QRM but pretty muffled at the outset. Picks up a little but doesn't last long. (Jerry Berg, MA)

CHINA (P.R.) Xizang PBS, 5935, in CH 1311; heavy co-channel QRM. Talks by W. (Jim Davis, CA 3-16)

CLANDESTINE LV Christiana de Cuba, 6988, in SP 0008; vy poor. Talks by M&W w/ mx. Too much QRM for anything except occasional ID. (Scott McClellan, MI 3-15)A new one to Cuba, I believe. tba***LV Alpha 66, 7050, in SP 0201; heavy jamming. Talks by M&W, ID by M 0207. (McClellan, MI 3-18)+++R. Vatan, 9027, in Farsi, 0456-59; local mx, clear ID by M 0457. Wiped out by USAF Foxtrot net 0500. (Bob Rankin, KS 3-13)

COLOMBIA R. Super de Cali, 6125, in SP 0927; good. Enthusiastic ad "Emisora Fundamental--Ca-dena Super . . ." Super net pgm // Llano, 6115 and Super de Bogota 6065. (Jones, MS 3-7)+++ Rdf Nacional de Colombia, 6380, in SP 0425-31. Serious mx in modern style. ID by W 0430. Drifted 400 Hz in 6 min. (Rankin, KS 2-28)

ECUADOR LV de las Caras, 4795, in SP 0126; good ID and talk. Fair. (Jones, MS 3-13)+++HCJB, 6162.6, in EG 0630-0700*. Pacific Garden Missions pgm, radio drama, Morse "v" time pips and off // 6095. Strongly suspect this to be a xmitter spur. (Rankin, KS 3-17)

GABON Franceville, 4830, in FR 2200; surprisingly good. African mx, anncmts and // Libreville 4777 (latter better, of course). Sinking after 2230 but still audible 2310. (Berg, MA 2-28)

GHANA GBC 2, 3366, in EG 0536; choir mx and W host. Only stn on band. (McClellan, MI 3-14)

INDONESIA RRI Biak, 5451, in IN 1140-1239; continuous instr mx to 1159; anncmt by M w/ site ID, SCI, apparent nx by M to 1215, anncmt by W and more talk by M, anthem 1227, anncmt by M and group singing. Good. (Henry Lazarus, LA 3-14)+++RRI Ambon, 4845, in IN 1145-1320; some QRM. Ezl mx pgm hosted by W, RRI ID 1300, nx by M. Excellent steady sigs, muffled audio. Apparent cmuntry after nx. (Dale, MO 3-13)

***IRELAND R. Dublin, 6909.9, in EG 0550-0605; pop mx during the hour w/ no nx or ID. Mentions of Dublin so mark presumed. (Rankin, KS 3-12)

LESOTHO LNBS, 4800, in vern *0401+; NA, ID/freqs by W, choir, apparent religious pgm, choir to 0415 and into nx by M. Fair to good. (McClellan, MI 3-18)

***MEXICO R. Educacion, 2120h (2x 1060), in SP 0335-0730; // 1060 and 6185. This is UnID in March LR-A. Classics 0500 TC for 11 p.m., nx by W, then jazz and rock. 6185 noted 0603-0636 w/ similar format. Hey Jude, jazz. Poor here. IDed only by reference to // MW and harmonic. Clear ID 0725. (Rankin, KS 3-14)

MALAYSIA RMS-Kota Kinabalu, 4970, in lang 1315; pop mx, W giving temperature in EG as either 86 deg. F or 26 deg C, which are both possible. (Davis, CA 3-16)

MAURITANIA RNM, 4845, in lang 2230; local mx, apparent AR talks. Enjoyable. (McClellan, MI)

MONGOLIA RUB, 6383 // 12070, in EG 1245; finally hrd their EG pgm! Comment on China, ID, s/off anncmt, address. Fair but much UTE on 6383. Is anyone going to enter the RUB 60th anniversary contest? How many people can say they've summured in Ulan Bator? Who would want to? (Davis, CA 3-16)---Same *1223-1251* in EG 12070, good, and 6383, fair at best. Former loud but fluttery making for difficult copy. (McClellan, MI)

OMAN RO, 11890, tentative, in AR 2112+; Koran at t/in, AR anncmts 2117, and into anthem. S/off 2119:30. Vy weak. (Martin Foltz, MI 3-16)

PARAGUAY RN, 11913v, in nightly 0100; nice local mx and anncmts. Some het. (McClellan, MI)---Same, 11914, excellent 0030-0115; SP talks and into mx pgm 0051. (Foltz, MI)---Same 11914, in SP 0135; ID by W, harp, mx. S/off anncmts by W 0159, 0202* w/ anthem. F, slight hum or low het. (Davis, CA 3-9)---Same, 11914.3, in SP 2340-0005. Full ID, seemed to annce 11930 and 6025. Then "musica popular tradicional." (Rankin, KS 3-9)

PERU R. Tawantineuyo, 6175, in SP 1031; ID by W after long ad string. Local mx. Troubled by het. (Jones, MS 3-13)+++R. Oriente, 6189.1, in SP 0656-0730; QTH as Yurimagas, TC for 2 a.m. at 0700, rock mx, long ID 0703. Anncd 6190 sw. (Rankin, KS)---Same, *1103 3-8, w/ long NA

short theme mx, ID, calls (OAX8Z and OAX8I, freqs. QTH as Yurimagas, Loreto, Peru. Thanks Lazarus for clearing this up. On 3-17, same at *1110 w/ NA, short mx, (theme from "The Sting") ID, calls, freqs, QTH. Good and readable despite BBC powerhouse on 6195. (Jones, MS)

PIRATE Holland-- Looking for Atlanta R. 6240 test on 3-1 (unheard) ran across a surprise: R. Coral Fisher, Raalte, 6294, earlier rpted by Gordon Darling (on 6274.4). Fairly strong level, but impossibly overmodulated making it impossible to understand anything but the IDs. Hrd 0445-0515. Not much QRM till 0515 when UTEs and carriers seemed to come out of woodwork. ABBA, other rock mx. Ided many times as international pirate radio stn or free radio stn. Gave Box 77, Raate QTH, spelling out Raate phonetically a few times and asked for reports. 0602*. Almost ignored this one as possible spurious TV sig. Doesn't seem to be Syncom relay. (Berg, MA) VoSyncom, xmsns hrd 3-15: 0255-0415, 6280; 0415-45, 6275; 0458-0831*, 7375, and 2010 t/in 11588. 7375 best at good levels. 11588 wrong, vy poor. Pop mx and show tunes. (McClellan, MI) RHODES VOA, 6015, in lang (???tba) 2144-2200; very poor. Nx features // much better 9760. (McClellan, MI)

SW AFRICA RSWA, 4965, in EG 2203; in pretty well, going into all night service 2203 w/ multi-lang ID, including EG anncing only 3270 but staying here. Not hrd on 3270. (Berg, MA)

S AFRICA SABC, 4880, in AK *0350; NA and talks by M. (Perdue, AL)

TUNISIA Sfax, 15225, in AR 0647; M interviewing M possibly over phone. AR mx 0656, theme mx on hour, M ID or TC, tone, nx by W. More AR mx 0708, theme mx 0716, short anncmts, back to mx 0720. Fair w/ slop. (Davis, CA 3-15)

UAE RCTVDubai, 15320, in EG 0330; EG extended to half hour. Strong and clear. (McClellan, 3-11)

USSR Pretty sure it's a RS on 5455 w/ light mx 0115 3-1. One RS song hrd. Pgm ended 0129 but carrier cont'd. Fairly strong. TBS has Zhigulevsk. Can't recall seeing this before. Feeder? (Berg, MA)***Old TBS lists this as SSB, Jerry. Was it that or AM? tba***Riga RMWS (site per IFRB), in EG 1515, fair to good. (Davis, CA 3-16)***UHN 31 lists real site on this as Moscow. tba***RMWS Tbilisi, 21715, in EG 1515, // 21615. Vladimir Pozner speaks!!!. (Davis, CA 3-16)

ZAMBIA ZBS, 4910, in IS 0345-0350; screaming fish eagle . . . and screaming . . . and screaming. Loud. (Perdue, AL)

And from Dan Sheedy comes word that his R. Nigeria reported last time on 4950 moved back to 4990, shortly after his rpt. Checks continuing. He adds that FRC stns, per BBC MS data, will begin to ID as R. Nigeria. tba

FINALLY FROM YOUR EDITOR: In this last set of reports were a number in which material information, like the frequency, were omitted by the reporter. Policy is to trash such reports immediately rather than to try to supply the missing information by guess. A word to the wise should be sufficient. Moral: PROOFREAD YOUR MATERIAL BEFORE YOU SEND IT.

TEA

FOR SALE: FRG-7 in excellent condition, little used since 1977. Manual and original carton included. Price \$200 firm. George W. Cady, 1355 N. Dearborn #502, Chicago, IL 60610. Phone (312) 337-3975.

FOR SALE: Sony ICF 6700W and Sony DR-7 headphones with stereo/mono switch. Excellent condition. Price \$350 plus \$5.00 UPS. Allied SX190 receiver and speaker for \$130 plus \$10 UPS. This receiver was aligned at Radio Shack in Fort Worth in January 1981. Hallicrafters S108 and speaker in good working condition, \$80 plus \$10 UPS. All receivers include manuals. Jim Hall, Rt. #3, Box 281A, Staunton, VA 24401. Phone (703) 363-5797.

FOR SALE: Heath GR-78 general coverage receiver. Five bands including LW, MW, and SW to 30 MHz. Bandspread calibrated for International SW bands, 500 kHz calibrator, BFO, internal rechargeable battery or AC operation. Like new condition with manual. Price \$65. Lawrence Albert. P.O. Box 5394, Ft. Wayne, IN 46895. Phone (219) 485-9240.

FOR SALE: Kantronics Field Day 2 teletype/morse decoder. Brand new, still under warranty. Works perfectly. Cost \$465, will sell for \$325. Bob Ruckman, 3875 Villanova Drive, Kettering, OH 45429. Phone (513) 299-3931.

FOR SALE: DRAKE R-4B with 10 crystals for 4.5, 6.0, 8.5, 9.5, 11.5, 15.0, 17.5, 21.5 plus CB and ham coverage. Has switchable crystal selectivity independent of mode with passband tuning and notch filter. In near mint condition complete with manual. Price \$375. I would prefer to sell to someone in the N.Y. Metro area. ALSO: Mizuho SX-59 Preamp/presselector, hardly ever used and in brand new condition. Will ship anywhere for \$60. Herb Shatz, 80-35 Springfield Blvd., Queens Village, NY 11427. Phone (212) 464-8561.

FOR SALE: Mosley SWV-7, seven band trap vertical for 11,13,16,19,25,31 and 49 meter bands. Thirteen feet high, with manual and all original hardware. In good condition. Cost \$90 new, must have \$40, money order or certified check only. David Branscome, 12 North 28th Street, Newark, OH 43055.

NOTICE: NO COLLECT CALLS.

log report section

1600-4899



TERRY KRUEGER

ANNUAL REMINDER: Honduran R San Isidro-4845 has been active only once in over a year; Easter Eve 5 April, 1980 (see May, 1980 LR-A). Keep a check on this frequency the 18th of this month. **ON THE HOME SHORES:** Along with my R Dublin QSL came a note from Angela Meier, who says the staff will be holidaying in Miami Beach 17 August.

- 2120 DOMINICAN REP. R Mar; 1036-1132 SP, nonstop ballads, backwards tape played (Moore, Bolland)
- 2340 PNG R W New Britain; 1115 EG tlc by W, local notes, weak (Meyer)
- 2360 TTLS PD ID, C&W mx, island mx, tlc by M, f (McCoy)
- 2360 GUATEMALA R Maya; 1120 SP, Mexican-style mx, ID (Meyer)
- 2390 MEXICO R Huayacocotla; 0110 SP, violins, guitars, notes (Meyer)
- 2428 PNG R New Ireland; 1125 PD, island mx, M TC/ID, p (McCoy)
- 2745 KOREA, N. Sinulju; 1353 Korean //2850, 4270 w/ tlc (Lucas)
- 2951H HAITI LVAA; 0415-0458* Creole, Afro-type songs, choral NA (Buer)
- 3220 SWAZILAND TWR; *0258 EG ID, rel pgming (Bernacke)
- 3220 PNG R Mrobo; 1245 PD M, ID, pops (Marshall)
- 3225 BRAZIL Lins R Clube; 0315-0357* PT pops, M TC (Merkel)
- 3225 VENEZUELA R Occidente; 0310 SP, no sign of Lins, pops, ID (Meyer)
- 3230 LIBERIA ELWA; 0630-0705 Afro-style chanting and M in lang, ELWA ID 0630. (Klein, Cunningham)
- 3230T TAIWAN BGC; 2212-2223* mx, ID 2221 as "You have been listening to the BBC Bcsting Corp." into times of xman, NA? and off (Kohlbrener 2-10) Since it's the Bcsting Corp. of China, why did they ID as BBC? At this time, path would have to be polar at 10 kW... TK
- 3250 S. AFRICA R Five; 0400-0430 EG, pops, ID/TC (Buer, Gliksmen)
- 3250 HONDURAS R Luz y Vida; 0213 SP sermon, hymns, ID in het (Cunningham)
- 0300-0335 SP light mx, rel pgm w/ Lone Ranger theme, ID (Alexander)
- 0125-0130 ID, Wm. Tell Overture, call letters, rel pgm (Windsor)
- 3252 ECUADOR LV del Triunfo; 0246-0312 SP piano mx, rel tlc, M ID/TCs and local mx pgm (Meyer, Thompson)
- 3255 VENEZUELA LV del Tigre; 0111-0300* SP M ID, chior mx, pops, ads (Merkel, Meyer, Sheedy, Bolland) 1017 SP, LA pops, ID (McCoy)
- 3265T CONGO RTVC; 0645 f-p, FR M, Afro mx but can't get at readable lvl. Probably them, but needs work (Klein)
- 3280 ECUADOR LV del Napo; 1028-1102 SP/local lang, HC mx, rel tlks, W anmts (Cunningham, Marshall, Nikolich)
- 3285 BELIZE RB; 0300-0458 SP pops, EG/SP DJ, s/off anmt, NA (Sheedy, Brouillette, Kohlbrener, Meyer) 1112 EG, pops (Jordan)
- *3300T BURUNDI La Voix de la Rev.; 0417-0444 FR w/ some local instr drum mx, 3rd rx 0420, more instr. mx, occ. tlking. Very weak w/ severe UTE
- 3300 QRM. Cultural off this eve. Tnx G. Sherman for tip (Gavarras 3-2)
- 3300 GUATEMALA R Cultural; 0103-0431* SP rei pgm, into EG sermons, hymns, M ID (Merkel, Thompson, Fritz, Kohlbrener) 1133 SP, mx, f (Michaud)
- 3325 GUATEMALA R Maya; 1010-1150 "Anchors Away" theme, M ID in dialect. (Nikolich, Jordan, Thompson)
- 3339 ZANZIBAR RTZ; 0315-0355 SH local Afro vocals, 0330 ID by M, several ments of Tanzania; peaked 0330 (Cucura)
- 3355 VENEZUELA R Impacto; 0125-0325 SP M IDs, LA pops (McCoy, Meyer)
- 3360 PNG R Milne Bay; 1130 PD island mx, vocals, M (Bauernhuber)
- 3366 GHANA GBC; 0540 EG wake-up pgm, EG nx 0600 (Clifford-FRG)
- 3375 BRAZIL R Nec. de São Gabriel; 0155-0212 PT, Lam pops, jingle, promo, ID (Cunningham, Dittrich) 0957 folk mx, IDs (McCoy)
- 3380 GUATEMALA R Chortis; 0213-0330* SP M, local mx, IDs, tlks by M (Thompson, Cucura, D'Angelo, Bolland)
- 3380T MALAWI MBC; 0401 African mx, EG, church svc, no ID hrd (Dittrich)
- 3380 ECUADOR R Iris; 0225 disco mx, TC, ads (Bolland) 1105 high-Andes style mx, SP M IDing over selection in progress, sev. TCs (Klein)
- 3385 FRENCH GUIANA FR3; 0902 FR ID, anmts //4972 (Bolland, Cucura)
- 0500* special svc. from Mardi Gras dance, mx, interviews (Loh)
- 3385 NEW BRITAIN RENB; 1220 PD ID, M, island mx (Windsor)
- 3395 ECUADOR R Zaracay 0120-0500* SP pops, ID, nx, EZL mx (Posporelis, Conder, Moman, Gliksmen, Meyer, Brouillette)
- 3395 VENEZUELA R Universidad; 0350 SP pops, ads, IDs, strong (Merkel)
- 3396 ZIMBABWE R One; 0330-0400 EG IDs, bells, pop mx, (Witte, Conder)
- 3400 CHINA PLA-Fuzhou; 1140-1212 CH W, opera mx, instrs, ID (McCoy, Meyer)
- 3427 IRIAN JAYA RRI-Manokwari; 1254 IN RRI nx, pops, M, f (McCoy)
- 3560 KOREA, N. Pyongyang; 1300-1320 Korean ID, tlks, orch mx (Thompson)

- 3579 USA (PIRATE) V of Michigan; tent. the one 0742-0920, no voice anmts on 2-20, also hrd 2-27 w/ EZL mx, better audio (McCoy)
- 3905 ADMIRALTY IS. R Manus; 1047-1101 PD, "Nutcracker Suite," tlc, ID, continued w/ instr mx, etc. Poor w/ ham QRM (Gavaras)
- 3925 JAPAN NSB; 1353 JP, EG ID, ments of CA (Moman)
- 3945 VANUATU RV; 0807 PD? M, ments of RV, ARO QRM at times (Moman)
- 3985 ECUADOR Eac. Rfonicas Pop.; 1036 SP, EZL LAM mx, ID (Cunningham)
- 3990 LIBERIA VoA; 2233 EG Jazz Hour, ARO QRM (Moore)
- 4040 KAZAKH SSR Semipalatinsk; per WRTH -- 1400 RS, chimes on hour. Sked 1300-1500 (Lindell)
- 4119 KOREA, N. (CLANDESTINE) VoPR; 1400 EG tirade against the US in S. Korea, march mx (Lindell)
- 4200H CUBA RMWS; 0000 EG, 7x600 (Winners)
- 4290H CANADA CKPH; 1152 EG, 3x1430 (Moore)
- 4450 AFGHANISTAN RA; *0126-0141 IS, lang. ID, Koran recitals, vocals, nx (Lindell, Meyer)
- 4500 AUSTRALIA VNG; 1058 EG ID, time pips (Posporelis)
- 4457 KOREA, N. (CLANDESTINE) VoPR; 1415 EG W, drifted (Lucas)
- 4610 ARSAFSR Khabrovsk; 1205 RS, EZL mx w/ M singer, f (McCoy)
- 4620H USA KXEL; 0600* EG, fair, 1540x3 (Sherman)
- 4635 TADZHIK SSR Dushanbe; 0119 RS, orch mx, nx by M 0130 (McCoy)
- *4652 LAOS Houa Phan; 1341-1407 pres, Laotian lang. Drifted from regular 4657 and checks out w/ Young's report; 1341 chant singers, drums, oriental theme; 1401 W ID, ments "La-oh", tlc (Poppin 2-1)
- 4656 ECUADOR CRE; 0310-0457 SP, accordion mx, pops, ID (Wallace, Merkel)
- 4680 ECUADOR R Nac. Espejo; 0305-0518 IDs, interview (Marker, Glikzman) CELEBES RRI-Ujung Pandang; 1246-1301 IN instr. mx, ID, Jakarta nx (Gavaras) 1123 (Bolland) 1400 (Lindell, Poppin)
- 4740 AFGHANISTAN RA; 0201-0235 lang subcont. mx, flutes, M at 0230 (Jordan)
- 4750 CAMEROON R Bertoua; 0459-0630 FR M ID and nxm EG IDs, hilife mx (Valko, Dittrich, Michaud, McCoy) 2200 FR (Klein)
- 4750 CHINA Heilongjiang; 1235 CH W, operatic mx, p (McCoy)
- 4755T BOLIVIA R Em. Bolivia; 1015 flutes, Indian lang, not SP (Field)
- 4755T NIGERIA FRC-Owerri; 0100 IS w/ fast drums, Afro mx to 0130, ments of Nigeria (Witte)
- 4760 SWAZILAND TWR; 0440 het, M lang rel tlc, "Rock of the Ages" (Klein)
- 4760 VENEZUELA R Frontera; 0101-0300 SP ads, ID/TCs, pop LAM mx, nx and sports results (Meyer, Bolland) 1010 (Field)
- 4764 SULAWESI RRI-Medan; 1414 IN M warta berita, ID (Poppin)
- 4765 BRAZIL R Nac. Cruzeiro do Sul; 1100 PT radio drama (Jordan)
- 4765 LIBERIA ELWA; *0600-0735 EG rel tlc, PSAs and ID (Loh, Samuel) 2200-2215 EG nx, ID, prayers (Posporelis, Kohlbrenner)
- 4770 NIGERIA FRC-Kaduna; 0000*/0430+ EG local nx, ID/TC (10 reporters)
- 4770 VENEZUELA R Mundial Bolivar; 0230-0400 SP ballads, IDs, many store ads (Bauernhuber, Thompson)
- 4780 KARELO-FINNISH SSR Petrozavodsk; 0404 RS nx // 5065 (Nikolich)
- 4780 VENEZUELA LV de Carabobo; 2330-0355 SP LAM pops, IDs, ads and sports coverage (Pickard, Posporelis, Thompson, Bauernhuber)
- 4781 HONDURAS R Júticalpa; 1034-1207 full MW/SW ID by SP M, long ad strings, talks, ID/TCs, ranchera mx, g (Bolland, Cunningham, Michaud, Forth)
- 4782A MALI Bamako; 0640 f-g Afro chanting, FR M ID (Klein)
- 4785 AZERBAIJAN SSR Baku; 0239-0405 lang menting Baku, RS M ID, piano mx and RS TCs (D'Angelo, Jordan, Glikzman, Leithner)
- 4785 BRAZIL R Ribamar; 0958 PT M nx, QRM (Bolland) 0120 (Alexander)
- 4785 UNID 0436 Afro tribal songs, piano and clsci mx, short tlc, pips on hour, ID but unreadable; p (Dittrich) Mali?... TK
- 4790 PERU R Atlántida; 2238/1002 SP IDs, ads, local flutes (14 reporters)
- 4794 ECUADOR LV de las Caras; 0410 SP M ID, lively LAM mx (Jordan)
- 4795 BRAZIL R Tabajara; 0740 fast PT pops, M, TC, ad string, ID (Klein)
- 4797 BOLIVIA R Nueva América; 0951-0958 SP M ID at s/on, nx, fair to nil due to FAX QRM (Bolland)
- *4800V LESOTHO RL; 0400 in well (Sheedy) 0358-0431 lang march/NA, M w/ ments of Lesotho, choral mx, 0416 ID (Cucura) 0400 march mx, M w/ poss. nx, some mx f-p in FR/vernacs, tent (D'Angelo) FR???...TK 0400-0413 lang march, chorals, sermonette, W (Glikzman)
- 4800 VENEZUELA R Lara; 0100-0359* SP pops, ID/TCs, NA (9 reporters)

- 4801 ECUADOR R Pop. Ind.; 0432 SP, LAm vocals, Andes flute mx, ID/TC and anmts (Leithner, Michaud, Dittrich, Bolland)
- 4805 BRAZIL R Dif. Amazonas; 0939 PT rel pgm, preaching (Bolland)
- 4808 GABON Africa No. One; 2307*/0500 Afro drum mx, pops in FR, M IDs frequently, s/off; appears to have left for varying 4812 in order to clear for Sao Tome (11 reporters)
- 4810 PERU R San Martin; *1015 fair w/ NA (vocal) SP ID/calls (Klein) 1003 SP M ID, QRN but no QRM (Sherman)
- 4812 GABON Africa No. One; 2300*/0604 hillife/rock, FR IDs (8 reporters)
- 4814.6 COLOMBIA R Guatapurí; 2330-0456* SP pops, s/off ID (Pickard, Fritz, Dittrich, Windsor) 1107 SP ads, rx on SAM, f (Bolland)
- 4820 ECUADOR R Paz y Bien; 0215-0300 SP rel tik, refs to Ecuador, ID by M (Jordan, Meyer)
- 4820 HONDURAS HRVC; 0400 EG rel pgming, hymns, ID (Marker, Kohlbrenner)
- 4825 ARSPSR Yakutsk; 2155 xint, instr mx, "Love Is Blue" into tones, 2200 relay of nx; RM FS IS is underneath (Starobelsk) (Klein)
- 4825 USSR Unid 1157-1203 RS M, RM IS, pips, into CH (Moore) /Bauernhuber)
- 4832 COSTA RICA R Reloj; 0200-0401 SP IDs, pops, ads (Thompson)
- 4834 UNID 0703-0743 FR/AR M nx; sitar mx; long discourse and more sitar. Hrd "Khomeini" and "Wash." mentd often f-p (Bolland 2-12)
- 4835 BRAZIL R Nac. de Boa Vista; 0000-0205 PT futebol, rock in rT, IDs (Jordan, Moore) 0943 clear ID, local pops (Nikolich)
- 4835 GUATEMALA R Tezulutlan; 0130-0415 marimbas, SP M (Leithner, Thompson)
- 4835 SARAWAK RM-Kuching; 1135 Malay, lenthly songs, ID (Jordan)
- 4835 S. AFRICA SABG; 0425 EG, tlk on SAF agriculture (Leithner, Michaud)
- 4838 ALI RN; 0555 FR/vernac, harp IS, ID, NA, nonstop mx (Clifford-FRG)
- *4839.8 PERU R Andahuaylas; 0300-0445* 2-23 and 0300-0507* 3-2 SP tlk, "Happy Bday" instr version of old rock song, yippy mx and flutes, s/off taped; sounds abt like EG "Ondwhiles" poor-good (Sherman)
- 4840 CHINA Heilongjiang; 1155-1215 CH/Amoy, addressing large audience, singing W (Klein, Jordan) /Dittrich)
- 4840 VENEZUELA R Valera; 0155-0244 SP disco, W ID, folk mx (Moore)
- 4845 BOTSWANA RB; *0358 presumed Setswana, barnyard IS, NA, rel (Loh)
- 4845 MAURITANIA RN; 2202-0000* chants, AR/FR M IDs, nx (Bolland, Kohlbrenner, Dittrich, Merkel) 0648-0725 (Wolfisch, Samuel)
- 4845 MOLUCCAS RRI-Ambon; 1155 lang, folk vocals, TC. M&W ancrs. Hi QRM precludes positive ID (Cress) Hi Hadley... TK 1208 (Moore)
- 4845 MALAYSIA RM-Kuala Lumpur; 1421 subcont mx w/ flute in solo, W "Inilah RM Kuala Lumpur" ID, flutes (Poppin)
- 4850 CAMEROON Yaoundé; 2210 Afro chanting mx, FR W (Klein) 0512 (Field)
- 4850 SURINAM SRS R; 0247-0435 EG/DT M DJ, pops, ID (Minor, Marker)
- 4853 YEMEN ARAB REP. R San'a; 2306 Koran readings, some anmts, ID 0002 mentd. "al-Yemeniyah" or similar, w/ NA hrd before 0003* Xint; why on later date 31 Jan (Leithner) Re: last month log; app. a one-time event this late... TK /Alexander)
- 4855 COLOMBIA R Nieva; 0140-0403* SP LAm pops, ID (Pickard, Merkel)
- 4860 VENEZUELA R Maracaibo; 0250 SP IDs, vocals, tik (Thompson)
- 4860 ERSFSR RM; 2305-0010 EG NAM Svc. Odd freq for NAM (Feidt, Bolland) Is from Kalinin, a feeder not inteded for NAM reception...TK
- 4865 CHINA Gansu PBS; 2215-2235 CH M&W, pop CH, p (Feidt 2-22)
- 4865 COLOMBIA LV de Cinaruco; 0220 SP IDs, guitar mx (Thompson)
- 4870 BENIN LVdr; 2232 FR ID, hillife (Bolland, Dittrich) 0530 (Jordan)
- 4870 ECUADOR R Rio Amazonas; 0244 HC mx, local items, ID (Leithner)
- 4875 BOLIVIA La Cruz del Sur; 0956 lang rel chorals (Gliksman)
- 4875 COLOMBIA LV del Norte; 1107 SP vocals, ID/freq, f (Forth)
- 4875 COLOMBIA R Super; LA vocals 0100-0730, ID/TCs (Fritz, Kohlbrenner)
- 4875 IRIAN JAYA RRI-Sorong; 1200 IN nx, pops (Forth, Moore, Bolland)
- 4880 S. AFRICA SABG; 0350 AK nx, ID/IS (Leithner, Michaud) 2122* (Klein)
- 4885 BRAZIL R Cl. do Para; 0312 PT IDs, local pops, ads (Leithner, Jordan)
- 4885 KENYA VoK; 0431 lang mx, f (Michaud) details?... TK
- 4890 ECUADOR R Centinela del Sur; 0430 SP IDs, border clash nx (Leithner) 1125 SP ads, noticias nacional (Bolland)
- 4890 HONDURAS R Lux; 0150-0230 US rock, SP M IDs, 0300* (Leithner, Meyer)
- 4890 PNG NBC; 0813-1255 EG ads, rock/C&W mx, crocodile industry nx, requests, TCs (Moman, Harris, Lindell, Bolland, Michaud)
- 4895 BRAZIL R Bare; 0255 PT ancr, Brazilian pops, many IDs, ads for firm in Manaus. Good, but noted 2-22 only (Leithner)
- 4895 SARAWAK RM; 1247 lang M emtry // 5005 (Nikolich 3-6)
- 4895 TURKMEN SSR Ashkhabad; 2310-0000 RS M&W mx and features, p (Bolland)

log report

section

4900-6199

B

STEVEN WISEBLOOD

- 4905 BRAZIL R. Relogio Federal: 2340-0057 nx by M&W in PT, 3-time pips every minute, ID, calls, fqys, stn address for correspondance(4 rpters).
4910** HONDURAS LV de la Mosquitia: 0015-0300* SP anmts by M, program sked, into EG svce @ 0100. M ancr in EG said "We are glad to have Sister Mary Frances home following her visit to Miss & Fla.", read reports from Pitt McNeil & David Crawford. Gave address in Puerto Lempira & call as "HRXK", back into SP 0130-0300* w/gospel mx & sermons.(5 reporters). *1200 "Buenos Dias, HRXK, 4910 kHz, la voz de ?", musical fanfare, into pgm of US C&W mx. M ancr in SP spoke w/US accent! (Jones-MS). FBI!!
- 4910 GUINEA R.N: 0421-0615 nx by M in FR, cmntry, ID(Wallace-MA,Klein-NY).
4910t ZAMBIA RZ: 0354-0402 NA & 0355, tlk by M in vernaculars(Valko).
4915 BRAZIL R. Anhangera: 2330-0315 full ID's w/fqy by M ancr in PT, ads, up tempo US & Bras pops, ballads. many mentions of Golana (4 reporters).
4915 GHANA GBC-Accra: 2225-2257 clsl type organ mx, followed by large choir, M ancr w/ID & TC, nx in EG. F-G (Davies-PA, Brouillette 2/16). 0555-0600 vernaculars tlk by M, ID, into EG nx @ 0600(Alexander,Moman-AT).
4915 CHINA Giangzi PBS: 1220 W ancr in CH followed by long speech by M(Klein).
4920.4 ECUADOR Q. Quito: 0315-0602* ads, Andean instrumental mx, ballads, LAM mx, M ancr in SP w/discussion, ID, G (Michaud,Pickard,Merkel).
4921a PERU Ondas del Titicaca: 0955-1057 finally heard clear ID on this one, Fair w/het & QRN (G Sherman-MN 3/4). Xint catch OM, pgm info,pse?
4925 EQUATORIAL GUINEA LV del Rio Muni: 0500 SP anmts, Afro mx(Clifford).
4925.7 BRAZIL Rdf Taubate: 0120-0215 rock/disco mx, verbv promo's, ID's w/mention of Taubate, PT tlk, jingles, ads. P w/QRN(Gliksmann,Jordan).
4929.3 DOMINICAN REPUBLIC R. Mil: 2345-0459* LAM pop mx,ballads, ID's(4 rpters).
4932t INDONESIA RRI Surakarta: 1217 tlk by M in lang (IN?). P-F(Nikolich-IL)
4934 KENYA Vok: 1833-1900 Mideast/AR type stringed instr. mx, ID by W @ 1830, into vernaculars tlk by M, more mx @ 1845. (Clifford-W.GM 2/21).
4935 BRAZIL R. Capixaba: 0112-0130 lively group vocals, anmts & clear ID's by M ancr in PT, into discourse by 2-M ancra. P w/QRN (Jordan 3/3).
4940 IVORY COAST RTVI-Abidjan: 2245 Afro highlife mx, M in FR w/anmts, F-G (Davies-PA). *0600 S/on w/NA by choir, FR anmts, Afro pop mx(Alexander).
4940 ASIATIC RSFSR Yakutsk: 1220 clsl piano mx, tlk by M in RS(Nikolich-IL).
4940 VENEZUELA R. Yaracuy: 0057-0120 ID, calls, fqys, LAM mx(Kohlbrener).
4945 BOLIVIA R. Illimani: 1010-1020, //6025 weird low pitched flute mx, wild M ancr in Indian lang between mx. ID (G Sherman-MN, S Klein-NY).
4945 COLOMBIA R. Colosal: 0455-0555 M ancr in SP w/ID/TC, LAM mx, farm rpt w/ barnyard sounds such as Cows, chickens, ads (Bolland,Bauernhuber,Fritz)
4950 SARAWAK RMS: 1203-1400 nx by M in EG, ID, pop mx(Lindell,Moman,Nikolich).
4955 BRAZIL R. Cult Campos: 0733 ID, calls, fqys, S/on anmts in PT(Klein-NY).
4960 VENEZUELA R. Sure: 0235-0259 SP anmts. LAM pop mx, ID's, fqys(Jordan).
4960 ECUADOR R. Federacion: 0130-0157 Andean type mx, ID(Leithner,Brouillette)
4965 COLOMBIA R. Sta Fe: 0110-0600 romantic LAM vocals, ballads, ID's and TC's after every song (Kohlbrener, Brouillette, Bauernhuber).
4965 SOUTH-WEST AFRICA SWABC: 2135-0410 EZL/contemporary pop mx, ID's in EG, and Afrikaans "You are tuned to the All-Night svce of R.S.W.A"(8 rpters).
4975 CHINA Fuzhou: 1230 very poor u/terrific het, CH vocalists(Nikolich-IL).
4980 VENEZUELA Ecod del Torbes: 0045-0150, ID, "VOA" nx relay in SP, LAM & US pop/disco mx, state lottery results(Harris, Brouillette).
4980t SAUDI ARABIA REKSA?: 2125 Middle-eastern mx, M ancr in AR, nx by M in AR at 2230, unable to catch ID so just tentative (Klein-NY 2/4).
4985 BRAZIL R. Bras Central: 0429-0710 EZL mx, ballads,ads, ID's(5 rpters).
4990 UNID tlk by M @ 1007 until Barquisimeto S/on @ 1012. P(Field 2/14).
4990 ARMENIAN SSR Yerevan RP&P: 0400 RP&P IS just after Venezuela's S/off, into SP pgm(Wallace-MA 2/15). Undoubtedly to Spain at this time-ed
4990 CHINA Hunan PBS: 1155-1202 tlk by W, orchestral mx, time pips at 1200 and then nx in CH by W. P-F (Feidt-MD 2/27).
4990 NIGERIA FRC: 2245 EZL mx, tlk by M in EG. F (Davies-PA 2/18).
4990 VENEZUELA R. Barquisimeto: 0039-0400* LAM/US pop mx, nx by M in SP, many ID's, TC's. G(Bauernhuber 2/21, Brouillette 2/7, Earhart-PA 2/10).
5005.7 SURINAM R. Apintie: 0225-0628* EZL/light contemporary US pop mx, ID in EG & DT, semi-classical mx. M in EG said"R. Apintie-I Love You"(7 rpters).
5010 CAMEROON R. Garoua: 2140 Afro mx, chanting w/drums. FR tlk by M (Klein).

- 5010 CAMEROON R. Garoua: 0435-0613 S/on w/Qu'ran recitations, full ID in EG @ 0442 w/fqys, then same in FR. tribal vernacular mx to 0500, then FR nx relay from Yaounde, EG nx @ 0530 & 0605 (8 reporters).
- 5010 SINGAPORE RS: 1555 EZL instrumental/MoR mx. W in EG (Moman-AT).
- 5015 EUROPEAN RSFSR Archangelsk: 0400-0530 nx by M&W in RS (Leithner, Nikolich
- 5015 ASIATIC RSFSR Vladivostok: 1020-1030 Male choir in RS (Bolland-FL).
- 5016.7 PERU R. Juliaca: 1050 apparent tkl by M in SP, very tentative (Sherman).
- 5020 NIGER Niamey: 0505-0620 Afro chants w/strong drum (Davies-PA, Wallace).
- 5020 CHINA Jiangxi PBS: 1232 cmntry by M in CH, F-G (Nikolich-IL 2/25).
- 5020 SOLOMON ISLANDS SIBS: 0733-1131 nx headlines in EG, shipping nx, EG interview pgm, native island vocal mx (Cunningham, Loh-AZ, Moman-AT).
- 5020 COLOMBIA Ecos del Atrato: 0144-0400* romantic ballads, tkl by M in SP, ID, TC, mention of "Todelar" ntwk, NA @ S/off (6 reporters).
- 5025 BRAZIL R. Boborema: 0034-0246 Brazilian pop mx, PT tkl, ads, complete ID w/fqys. G but terrible het (Jordan 3/2, Moore 2/18, Cunningham 2/23).
- 5027.5 UGANDA Kampala: 0435-0515 nx by M in SH, vernaculars (Klein, Michaud).
- 5030 SARAWAK RM-Kuching: 1223 nice clear sig w/M in lang (Nikolich-IL).
- 5030 VENEZUELA R. Reloj Continente: 0420-0530 full SP ID, Lam vocal mx, ads, M ancr in SP w/ID/TC, wide signal covering Uganda (Earhart-PA, Wallace).
- 5038 CENTRAL AFRICAN REPUBLIC Bangui: 2220 nx by M in FR. P (Davies-PA).
- 5040 COLOMBIA R. Cinco: 0540-0620 ID, mention of "Caracol" ntwk, TC, W in SP w/anmts, Lam vocal selections (Field 3/1, Jordan 3/1).
- 5040 VENEZUELA R. Maturin: 0125-0150 ballads, SP tkl, ID (Bauernhuber, Jordan)
- 5040 PERU R. Libertad Junin: 0357-0640 ID's, Huaynos mx, SP anmts, many "Happy Birthday" jingles in EG (Field, Alexander). 0950 nice pgm of Peruvian ballads, local flute mx. F-G w/UTE QRM (Klein-NY 2/12).
- 5040 GUINEA BISSAU Rdr Nacional: 0551-0700 drum IS to 0601, ID by M in PT, NA, tribal group vocals led by M w/drums, xylophones (Jordan, Valko-PA).
- 5045 BRAZIL R. Cult do Para: 2310-0430 anmts by 2 M in PT, lcl Bras. mx, soccer match play by play. In Brasil, soccer fans are "fanatics" in the literal sense. Rio De Janeiro stadium holds 100,000 fans! (Earhart, Buer) 0750-0805 PT anmts by M, echo ID's, upbeat Brazilian vocals (Jordan).
- 5045 CUBA RMWS-Habana relay: 1130-1141 ID, EG cmntry, nx (Buttrick, Michaud).
- 5045 COOK ISLANDS RCI-Rarotonga: 0620-0735 M ancr in EG, current pop mx, Polynesian type vocal mx, nx from Radio Australia @ 0700, drums IS, ID's spangle. P-F (Witte-CA 2/18, Howard-CA 2/28, Newkirk 2/27).
- 5047 TOGO R-Lome: 2225 M ancr in FR, EZL mx. P (Davies-PA 2/18). 0525-0526 IS, NA, S/on anmts by M in FR, FR/Afro mx. P-F (Minor, Moman-AT).
- 5052 SINGAPORE RS: 1200-1511 ID by M in EG, CH/EG less on, MoR type pop mx, Have been trying to get them on this fqy for years! (Nikolich, Grenier).
- 5055 COSTA RICA Faro del Caribe: 0318 Billy Graham pgm, gospel mx (Earhart). 1142 M ancr in SP w/gospel tkl. SINPO: 44333 (Michaud). SINPO not used hr.
- 5059.4 ALBANIA R. Gjirokaster: 0453 lively folk mx, ballads. F-G (Earhart-PA).
- 5061.1 ECUADOR N. Progreso: 0445-0453 Lam vocal selections. G (Earhart-PA).
- 5065t KARELIAN SSR Petrozavodsk: 0445-0523 //4780 choral mx, tkl in lang., possible mention of Moscow, piano theme mxM pips @ 0500 (Gliksmn 2/14).
- 5100 ANGOLA Em R Do Mocamedes: 2243-2302 tkl by M in PT, Afro vocal mx, Angolan NA @ 2300. Hvy CW QRM (Valko-PA 3/1).
- 5265 CHINA FFBS: 1146 CH tlks, //5770. F-G (Michaud 2/14).
- 5310h CUBA R. Rebelde-CMKA: 0025-0030 SP nxof Castro-Brezhnev meeting., 9 x 590kHz. (Reinstein-FL). 0715 W in SP, Lam mx. F-G (McCoy 2/28).
- 5850 CHINA RP: 1020-1045 tkl by M in CH, oriental instr. mx (Bolland-FL).
- 5875 SAUDI ARABIA BSKSA: 2250-2302* Koran readings to 2300, closing anmts by M in AR @ 2300. NA to 2302*. Severe UTE QRM (Buer 2/25).
- 5880 CHINA RP: 1045-1050 CH operatic mx. F (Bolland-FL 2/15).
- 5882 ARGENTINA R. Rivadavia: 0140 M ancr w/sports mx, ads. P-F (Bauernhuber)
- 5886 INDONESIA RRI Pekanbaru: 1045-1056 vocal & instr. mx (Bolland-FL 2/15).
- 5930 CZECHOSLOVAKIA R. Prague: 0320-0340 W in EG w/ID & fqys, asking for reception reports. Same propaganda as on R. Moscow. F-G (Earhart-PA).
- 5930 EUROPEAN SSR Murmansk: 0643-0655 tkl by W in RS, ID (Jordan 3/1).
- 5935 LATVIAN SSR Riga: 0440-0645 fanfare mx w/trumpets @ 0445, SP tkl to 0500, into RS Moscow-1 pgm after 0500, RS operatic mx, Mayak IS @ 0700, Moscow nxread by M&W in RS. (Alexander, Jordan, Earhart-PA).
- 5940 ASIATIC RSFSR Magadan: 0855-1115 Clsci mxchimes & tkl in Asiatic lang @ 0900. Moscow-1 nx in RS @ 1100. G (D'Angelo-PA, Alexander 2/28).
- 5945 AUSTRIA ORF: 2137 EG "DX Report", pgm about life in Vienna (Miller). 0335 EG Summary of Austrian nx, ID. G (Moman-AT).
- 5945 VZBEK SSR Tashkent: 1423 choral mx, ID @ 1428, EG anmts, into lang. @ 1430, //9540, 9600, 11785 all poor. This one Good! (Moman-AT).
- 5949.5 NICARAGUA LV de Nic: *2359-0436 chime IS repeated several times, ID's by M&W in SP "desde la sierra de Sandino, transmite LV de Nic. en los 5.95 MHz, banda de 49m", tkl by M&W in SP. IS has 19 notes (6 reporters).

- 5950 GUYANA GBS: 0430 "1812 Overture", M ancr in EG, EZL mx, ID & S/off anmts to 0502* (Klein-NY). 0750-1022 agricultural tips on how to raise livestock, Marriage anmts, obits, Hindi mx, "GBC-Channel-2" ID's, nx by M in EG, ads, wx, political cmntry, "Inspirational Time" gospel pgm, US pop mx. Birthday anmts, request mx pgm. F-G (6 reporters).
- 5950 CHINA Haerbin-Heilongjiang PBS: 1124-1235 political discourse by M&W in CH, operatic mx //6150. P-F(Gavaras 2/22, Reinstejn-FL, Nikolich-IL).
- 5954 COSTA RICA R. Casino: 1106-1154 nx by M in SP, ads, ID's, TC's, LAM pop mx. G (Bolland 2/24, Michaud 2/11, Forth 2/26).
- 5960 CANADA RCI: 0110 "DX Digest" tlk on Jan. RIB. Xlnt (Demmitt-PA 3/2).
- 5960 ASIATIC RCFESR Vladivostok-RMWS: 1225-1335 IS, ID, EG nx(Bolland-FL).
- 5965 NIGERIA FRC: 0611 unusually detailed nx report & cmntry(Wallace-MA).
- 5965 MALAYSIA RM: 1057-1146 Middle Eastern mx w/strings & flutes, Koran recitations. Tlk by M in Malay dialect(Bolland-FL, Reinstejn-FL).
- 5970 PERU R. El Sol: 0415-0429 ad string, ID, SP anmts, LAM mx(Marker, Field). *1017-1122 EZL mx, opening anmts by M in SP w/fqys, QTH, TC, "Muy Buenos Dias", into Andean folk mx, nose flutes. Xlnt (Bolland, Reinstejn....).
- 5975 GREAT BRITAIN BBC: 2209 M in EG w/World & National nx headlines(Miller).
- 5980 GUATEMALA TGMUA: *0155 IS, ID @ 0200, into gospel mx. WYFR sloop(Zilmer).
- 5980 SIERRA LEONE SLBS: 2200-2300 EG nx, request pgm, ID. F(Rekich 2/25). 0655 lcl nx in EG, BBC nx relay in EG @ 0700, ads & ID (Moman-AT).
- 5990 UNITED KINGDOM BBC: 2126-2145 Interview pgm, IT feature pgm. F(Bolland).
- 5990 ITALY RAI: 2135-2137 Bird IS, S/on anmts in Rumanian u/BBC P(Buer).
- 5995 MALI Bamako: 2233-2315 tlk by W in FR, ID, Afro mx, //4838, 4783, Afro-Arabic type mx w/stringed instr., Good to 0000* S/off(Leithner, Cucura, Valko-PA). 0720 Stringed instrument mx, like Mauritania!(Witte-CA).
- 5995 AUSTRALIA RA: 1250-1435 //6045, M ancr in EG, pop mx(Hensley, Alexander).
- 5999 VENEZUELA R. Sencasion: 1006-1016 Upbeat LAM pop mx, SP anmts, ads, TC's, ID's, instrumental mx. F w/het (Forth 2/4, Jordan 2/14).
- 6005 CANADA CFCX-Montreal: 2200-2246 provincial nx in EG, ID(Klein, Miller).
- 6012t ANTARCTICA AFAN: 0855-1020 C&W mx to 0900, then pop mx to 0930(Howard-CA).
- 6025 BOLIVIA R. Illimani: 0030-0130 M in SP w/nx, Huaynos mx, ID's by W, mixing w/R. Budapest Hungarian svce(Buer, Newkirk, Sheedy). *1000-1035 IS, ID, M in SP w/ opening anmts. Andean flute mx. tlk by M in lcl Indian lang., nx by M in SP. ID w/fqys @ 1028. folk vocal mx(4 reporters).
- 6025 PORTUGAL RP: 2208-2230 long tlk by M&W in PT, ID @ 2212(Kohlbreuner).
- 6029t ANTARCTICA RN Archangel: 0030-0100 tlk by W in SP, bits of vocal mx, possible IS & ID @ 0040. M&W in SP w/nx @ 0045. VP (Jordan 2/20).
- 6030 CANADA CFVP-Calgary: 0800 M in EG w/nx, ID as "CFCN 1060" (Klein-NY). 1944 relay 1060 CFCN, very loud & distorted today. VG (Moman-AT).
- 6030 PHILIPPINES FEBC: 1215-1225 religious tlk by M in EG, ID (Moore 2/21).
- 6035 AUSTRALIA RA: 2204-2215 World nx by M in EG, features, ID's, wx, pop-rock mx(Gliksmen, D'Angelo). Despite what you might read elsewhere, this is via Longpath over the North Pole, since shortpath would be West or South-West from most locations in the eastern United states. To be shortpath at this time than it would also have to be heard in the West, but we can't hear it here in California and I've never had any reports of it being heard in the 2200-2300 period elsewhere in the West. Then the logical assumption is that the Eastern states are hearing this via Longpath in a direction which takes the signal over the pole-ScW
- 6040 EAST GERMANY RBI: 0045-0100 tlk by M&W in SP, cmntry (Jordan 2/18).
- 6045 COLOMBIA R. Melodia: 0614-0730 LAM pop mx, slogans, ID's, promo's, SP anmts, ID's, TC's, chimes @ 0630(Wolfish, Samuel, Klein, Alexander).
- 6050 NIGERIA FRC Ibadan: 2220 EG nx by W about Nigeria, //4770(Nikolich-IL).
- 6050 ITALY RAI: *2135 IS, ID, nx by W in Czech, //7275 (Alexander 2/28).
- 6055 JAPAN NSB: 0950-1000 "Let's Learn Japanese" by M&W, ads (R. Lucas-CA).
- 6060 AUSTRALIA RA: 1510 M in EG w Australian nx in brief (Grenier 2/21).
- 6066 COLOMBIA R. Super de Bogota: 0905 LAM mx, ID, SP anmts (Alexander).
- 6070 CHINA Jilin Changchun PBS: 1234-1245 CH drama w/M&W. P (Reinstejn-FL).
- 6070 CANADA CFRX-Toronto: 2150 ad stringfor Toronto firms, pop mx (Klein). 0705-0730 EG nx, ads, wx, ID's. One ID midsong! (Samual, Moman-AT).
- 6075 COLOMBIA R. Sutatenza: 1101 nx & cmntry by M in SP, TC's, F(Bolland-FL).
- 6078 COSTA RICA R. Rumbo: 0820-0824 LAM mx, ID's, TC's. VG(Alexander, McCoy).
- 6080 CHILE R. Patagonia Chilena: 0258-0304* EG & SP ID's before S/off(Howard)
- 6080 CANADA CKFX-Vancouver: 2122 market rpt in EG, C&W mx. VP (Moman-AT).
- 6085 WEST GERMANY DW: 0120 EG nx & cmntry(Bauernhuber). that was Antigua?
- 6090 LUXEMBOURG RL: 0025-0107 US rock & disco mx, M ancr in EG, ads(5 rpts).
- 6005nf BOLIVIA R. Panamericana: 1039 Quena & charango mx, opening anmts by M in SP, theme mx, ID, MW, SW & FM fqys. G (Jones-MS 3/6).
- 6005 MEXICO Su Pantera: 1218-1251 SP nx & cmntry, ballads, folk mx(Gliksmen).
- 6105 BRAZIL R. Clube Ceara: 0825 Bras. pop mx, ID's by M in PT, ads (Klein).
- 6110 PHILIPPINES VOA relay: 1325-1345 EG nx, cmntry, "VOA Magazine"(Thompson)

- 6115 PERU R. Union: 1057 SP anmts, ID, TC, ads, Peruv. mx. G (Jones-MS).
 6115 MEXICO R. Univ de Sonora: 1600-2215 SP anmts, ID, Classical mx, orch. mx, piano mx, LAM folk mx & US pop mx. (Thompson-NM, Bernacke-AZ 3/1)
 6115 COLOMBIA LV del Llano: 0730 LAM mx, ID, ads, SP anmts (Samuel 2/15).
 6120.3 NICARAGUA R. Zinica: 2320 SP anmts, LAM mx, bad het (Buer 2/25).
 1131 Ranchera mx w/vocals, TC8s right on the nose. VG (Jones-MS 3/6).
 6125 COLOMBIA R. Super de Cali: 0927 ID's, pgm from "Super" net (Jones-MS)
 6130 CANADA CHNX-Halifax: 2205-2311 US pop mx, wx, ID, ads, W ancr w/nx in EG. G (Klein-NY, Dittrich-FL). 1215 EG nx,wx,pop mx (Bauernhuber 2/20)
 6135 CHILE R. Univ de Concepcion: *0959-1020 slow piano IS, complete ID's w/QTH & fags, NA, opening anmts by M in SP, into Andean flute & guitar mx. EZL LAM mx, SP nx abt S. America. (Cunningham,Sherman,Klein,Field).
 6150 AUSTRALIA VLR6-Waneroo: 0838 live broadcast of cricket match. G (Moman).
 6155 CYPRUS CBC: *2210-2242* instrumental IS, W ancr in GK w/ID, anmts, nx in GK by M, radio drama pgm. G (Cucura-PA 2/22, Klein-NY 2/13).
 6160 CANADA CKZN St. Johns: 1220 EG "The Morning show". G (Bauernhuber 2/20)
 6165t BRAZIL R. Cult: 0020 non descript mx w/sparse PT anmts (Leithner-TN).
 6180 VENEZUELA R. Turismo: 0944-1121 M ancr in SP w/ID's, TC's, ads, rooster crows. Strong til Guatemala S/on *1121 (Sherman,McCoy,Moore).
 6180 GUATEMALA LV de Guat: *1121 sudden s/oa w/marimba mx, ID (Moore).
 6185 PORTUGAL RP: 0320 EG Historical tlk (Bauernhuber). 0530* EG nx (Tmzski).
 6190** PERU R. Oriente: *1103 long NA, brief theme mx, ID, calls "OAX8Z & OAX8I", fags, QTH as Yurimaguas en Loreto, Peru. F-G (Jones-MS 3/6, & 9).
 6194.5 PERU R. Cuzco: 1010-1055 Peruvian mx. F , het & QRN (G Sherman-MN).
 6195 NIGERIA FRC-Sokoto: 0503-0701 EG nx by W, Afro tribal chants, no ID @ 0700 must more tribal chants u/BBC (Wallace-MA, Nikolich-IL).
 Thus another month of LR-B has come to an end. DX slowing down a bit on the lower bands as we head into the summer months. COOK ISLANDS should provide reception for West Coast residents from 0530-0800. Often during the Summer here it can be heard at *0430 S/on w/Fair signals. 73 de Steve/KA6IBD.

FOR SALE: Drake SPR-4 with calibrator, switchable BFO for SSB filtering or AM. Excellent condition, \$350. Jeff Stover, Box 494, Lock Haven, PA 17745. Phone (717) 748-6729.

FOR SALE: Yaesu FRG-7, Gilfer modified, used 1 1/2 years, in good condition. Price \$190. McKay Dymek DA5 medium wave ferrite rod antenna in excellent condition. Costs \$185 new, selling for \$100. WRTS, 1978 (bit worn) \$6; 1979 (very good) \$7.50; 1980 (excellent) \$8. Back issues of FRENDX, 10/77, 12/77-11/78 \$6.50; 1/79-12/79 \$6; 1/80-12/80 \$6. Back issues of SPEEDX, 3/78, 5/78-4/79 \$6.50; 1/80, 9/80-12/80 \$2.50. Van Jones "North American Station Guide" 9th edition 1973 \$2.00. All items include shipping. David Morck, 7921 Springer Street, Downey, CA 90242.

FOR SALE: Barker & Williamson Model S93 COAX antenna switch, 6 months old. Accepts one receiver and three antennas. Price \$14 firm. Also a Leatherette QSL album 14"x14". Each page holds three or six 8"x7" QSLs. Six months old. \$10 firm. Dr. J.R. Miller, DSW, 206 Ridgewood Road, Baltimore, MD 21210.

FOR SALE: Drake SPR-4 with matching MS-4 speaker, Autek QF-1 audio filter, extra crystals. All in excellent condition. 1975 model shipped in original container, \$450. Robert A. Yajko, 123 Summit Street, RD #4, Leechburg, PA 15656. Phone (412) 842-8202 from 2100 to 0200 GMT.

FOR SALE: Mizuho AP-M1 Audio Processor, unused and in mint condition., \$25 postpaid. Ed Pyatt. Morehouse College, Box 116, Atlanta, GA 30314.

FOR SALE: MFJ frequency standard with 25, 50 and 100 kHz markers, \$15. Jeff Stover, Box 494, Lock Haven, PA 17745. Phone (717) 748-6729.

FOR SALE: Collins R-390-A, fully reconditioned as new in 1979, with manuals, headphones, audio transformer 600 ohms to 8 ohms, antenna connections for both balanced and unbalanced lines. In perfect working order, \$575 without shipping. Will deliver free in Chacago area or arrange for shipping at buyer's expense. Also Mizuho SX-59 preselector, \$50 ppd and DX 160, \$100 ppd. Steve Sips, 1400 Sunset Suite 3, Waukegan, IL 60085. Phone (312) 662-0430 evenings.

FOR SALE: Drake SPR-4 in very good condition with recent factory tune-up. Has extra crystals for 1.5, 3.5, 14.0, 21.0, 27.0, 28.0 and 28.5 MHz and an added calibrator. Price \$450 UPS paid. William J. McCauley, 7049 East Pasadena Ave., Scottsdale, AZ 85253. Phone (602) 945-2190.

WANTED: RF-1150, Homer EP-8. Chris White, 7895 Greed Bay Road, Lake Forest, IL 60045.

NOTICE: NO COLLECT CALLS.

log report section **C**

6200-11699

PETER SCHIPELUTI

31 Beaverbrook Road Burlington, MA. 01803 or phone after 2200 GMT up until 0530 GMT on Tues., Wed., Fri. or all day Sunday at 617 272-3142. Springing into April we May hear:

- 6215 **LEBANON** WORD; *0400 EG, OM w/ s/on. Anned fcy of 945 MW & 6215 SW. ID "This is the Voice of Hope - free Lebanon." Muzak, sung ID jingle "WORD in Lebanon" (Fisher 2/15) (Marshall 2/20)
- 6220 **ANDORRA** AWR; 0531-0600 FR, Mx, ID & Tlks. News (Michaud 3/1)
- 6260T **CHINA** QINGHAI, XINING; 1210-1220 CH, Tlks by Y1 in CH dialect, poor signal w/ Ute QRM. Fading in and out. No ID heard. (Reinstein 2/24)
- 6260 **SCOTLAND** Weekend Music Radio; 0719 EG, OM w/ EG pops. ID & QTH. Bad rapid fades. (Klein 2/15)(Fisher 2/15)
- 6270 **NETHERLANDS** Clandestine Radio Nolan Int'l; 0622-0730* EG, IS which sounds like Radio Gemini's IS, ID as "Radio Nolan Int'l", spelled address P.O. Box 11, Vlagtwedde, Netherlands, Mx by 'The Cars', ID after each cut of Rock Mx. They seemed very anxious to receive reports. S/off after address & IS many times. Good. (Wallace 2/22)(Moore 2/22)(Jordan 2/27)
- 6275T **AZAD KASHMIR** AKR; 1240-1255 lang?, Presumed w/ exotic subcontinental Mx. OM w/ Nx @ 1245 as per Cartwright & Valko. F/o @ 1255 (Moore 2/17)(Jordan 2/25)
- 6297 **UNIDENTIFIED** Latin American?; 1044-1102 SP, partial TC as "16 minutos para las??", lt **LAM** Mx, mention of "comercio" & "patria", QSB (Reinstein 2/27)
- 6348 **LAOS** Xieng Khouang; 1045-1202* Laotian dialect, subcontinental Mx w/ annmcts by OM before songs, Nx @ 1105, pop/disco type Mx w/ Y1 annmcts 1118-1132, lg tlk by OM, possible sked & freqs @ 1159 as OM ment "kilohertz" several times. Ment "Khouang" twice. s/off w/ snappy tune & pedestrian beat. Peaked around 1145. (Reinstein 2/25): Tentative (McCoy 3/5)
- 6550 **LEBANON** Voice of Lebanon; 0437, nice w/ lite pop instrumentals. Y1 DJ (Nikolich 2/20) (Michaud 2/22)
- 6665 **CHINA** CPBS-1st Pgm; 1215-1220 CH, OM & Y1 alternating tlks. //6750, 6225 & 6200 Khz. Best on 6665 Khz. Into CH opera. (Reinstein 2/28)
- 6900 **TURKEY** Turkish State Meteorological Service; 0407, clear w/ long selections of Turkish Mx, short tlks by OM, then Y1 at 0437. Rarely heard in this neck of the woods. (Nikolich 2/20)(Olikswan 2/20)(Michaud 2/22)(Fisher 2/17)
- 6910 **IRELAND** Radio Dublin Int'l; 0507 EG, Contemporary Mx "Rhinstone Cowboy" "Yellow Ribbon" "My Sweet Lord" (D'Angelo 3/1)(Marshall 2/22)(Munster 2/24)(McCoy 2/22)
- 6975 **CHINA** Neimenggu; 1059-1115 CH, 5 pips @ 1100, annmct by Y1, CH Mx, more tlk by same Y1. Still there @ 1245 recheck (Reinstein 2/28)(Moore 2/21)
- 6998 **CLANDESTINE** La Voz Cristiano de Cuba; 0315-0320* SP tlk by OM & Y1 about Cuba-Ecuador problem at Havana embassy. Gave address as; Apartado Postal Los Ruis 70-3-82, Caracas 107, Venezuela. Xlnt signal. S/off w/ NA of Cuba. Also heard on 2/24 @ 0250 on 7089 Khz. (Reinstein 2/24)
- 7001 **ANGOLA** Emissora Regional do Lobito; 2200-2301* PT, Afro highlife & pop Mx, many ment of Angola by OM, also TCs between songs, NA & off, (Reinstein 2/27)(Valko 3/1)
- 7031 **CLANDESTINE** Radio Venceremos; 1242 SP, OM ID, cntry, shrill folk Mx (Moore 2/25)
- 7036 **CLANDESTINE** Radio Venceremos; *1155-1215 SP s/on w/revolutionary anthem & ID as "Transmite Radio Venceremos, emisora de la Frente Farabundo Marti, para la liberacion nacional." Much tlk by OM & Y1 about El Salvador, good signal. (Reinstein 2/24)
- 7038 **CLANDESTINE** Radio Venceremos; 1156-1215 SP, A clone of R. Liberacion here, w/ fiery speeches by OM & Y1 before a crowd. Even the IDs were identical, they simply substituted "R. Venceremos" for "R. Liberacion" at the proper points. (Cunningham 2/23)
- 7050 **CLANDESTINE** La Voz de Alpha 66; *0200-0228* SP, Nx & interviews w/ Miami exiles. Many mentions of "Jose Marti", ID at s/off as "Hemos presentado La Voz de Alpha 66, ? de libertad para el pueblo de Cuba existe" On daily except for GMT Mon. (Reinstein 2/28)
- 7056 **CLANDESTINE** La Voz de Cuba Independiente y Democratica; *0300-0336* SP, long tlk about "Comandante Huber Matos" (the founder of C.I.D.) Xlnt sig tho jammed w/hets & OCs. (Reinstein 2/24)
- 7057 **CLANDESTINE** La Juventud Progresista Cubana; *0251-0327* SP, long dialogue by raspy voiced OM w/ Cuban march Mx playing underneath. Pure hash for audio. Heavy jamming w/ hets from OCs. One OM tirade till s/off (Reinstein 2/28)
- 7076 **CLANDESTINE** Radio Prensca(?); *0201-0254* SP Nx & tlk by OM, pgm called "Noticias Internas" Much tlk of "esperanza de nueva Cuba" Many mentions of Castro. S/off w/ Y1 screaming: "Viva Cuba Libre" One minute later Abdala signed on same freq! (Reinstein 2/28)
- 7077V **CLANDESTINE** Radio Abdala; *0307-0326* SP, campesino song on acoustic guitar. ID (2/27) as "Radio Abdala, un organizacion popular y progresista, transmitiendo en la banda de cuarenta metros, frecuencia de Abdala." OC jamming (Reinstein 2/28)

- 7110 MALI Bamako; 0725, string local Mx to 0733. OM anncr w/ tlks and many mentions of Bamako (Klein 2/8) 15)
- 7115 BULGARIA Radio Sofia; 0435 EG, ID, tlks on nuclear weapons (Earhart 2/14)(Michael 2/15)
- 7139T INDONESIA RRI Ambon; 1335-1350 lang; OM w/ tlks in lang to 1340, brief instrumental Mx on local instrument then to Y1 w/ tlks @ 1345, psble ID; lite Mx then to choral Mx; Heavy QRM from ARO CW, static, poor modulation. v-poor to f/o by 1348 (Jordan 3/2) Too bad you didn't get a positive ID. This is not the easiest station to hear. Further monitoring is advised to all interested. Thanks for the report Rufus.Peter
- 7170 NEW CALEDONIA Radio Noumea; 0910 FR, OM w/ tlks & Mx (Dittrich 2/16)
- 7205 USSR: *0800-0900 RS ID, but couldn't understand locality pronunciation; Y1 tlks. 0820 RS Mx & songs; (Findlater 3/12)
- 7205 USSR Radio Kiev; 0300 EG, "Cmnty from Radio Kiev" on poor quality of life for U.S. Blacks. Nx (Buttrick 2/11)
- 7210T CHINA Yunnan PBS; 1255-1305 presumed CH, oriental orch Mx selection then OM w/ tlks followed by OM vocalist backed by xylophone instrument. OM & Y1 w/ tlks in Asian lang. Heard thru heavy QRM & QRN. (Jordan 2/25)
- 7215 IVORY COAST RTVI; 2320-0000* FR, Fr Pop Mx, 2 Anncrs. Brief tlk then native Mx. ID, EG Pop Mx "Broadway" (Posporelis 2/25); 0630 FR (Jordan 2/22); 2250 FR (Dittrich 2/6)
- 7225 TUNISIA RTT; 0415 AR, OM w/ slow AR Tlks; flute Mx followed by possible ID @ 0420; quasi-martial Mx, anncmts & ID followed by OM w/ prayer chants (Jordan 2/20)
- 7250 VATICAN Vatican Radio; 2030-2045 EG, Nx. Short historical bulletin stated that the stn was run by Jesuit order. (Clifford 2/15)
- 7255 NIGERIA NBC; 0515 EG, real nice local Mx. ID & Nx (Samuel 2/20)
- 7260 AUSTRALIA Radio Australia; *0900-1400* in Indonesian w/ azimuth beam of 310 from Shep. w/ 100kW, replacing 7225 which had been in Indon. 1230-1500 and 11865 which had been also in Indon. 0800-1030, both w/ 308°. 15410 remains 0800-1030 w/ 347° from Carn. but now has EG during first hour and then Indon., not that I have ever logged that freq. for R. Aus, only for DW (2200-0150) which contrary to WRTH-81 is not from Rwanda but from Antigua. There are only two SW xmtrs at Kigali and they were on 9700 & 17895. Don't know how the handbook publishes/produces such nonsense. For M-81 17860 replaces 17895 with poor results. (Munster) Tnx for following this Ralf! ...PS. 0838 EG, OM w/ island Nk about PNG & Vanuatu. (Lucas 3/5) Is this Vanuatu? ...Peter..
- 7275T CHINA Guizhou PBS; 1155 music w/ Y1 anncr, followed by time pips at 1200, Nx theme & the Nx. Massive QRM from Radio Korea's Jap service, which normally blocks this freq. completely. Noted one day only. This logging was the result of much persistence. (Matthews 2/20)
- 7320 USSR Magadan; 1240-1250 RS, semi-classical ballet type Mx. Good signal. Anncmts by OM in RS. (Reinstein 2/19)
- 7412 ISRAEL IBA; 0158-0225* EG, IS, ID, time pips, TC, orch Mx. Nx from Israel, Israel pop song. (Thompson 2/18)(Moman)
- 7550 SOUTH KOREA Radio Korea; 1300-1400 EG, News. Good. Nx at 1325 (Lindell 3/6)
- 7670 BULGARIA Stolnik; 0630 BG; Nx by OM @ 0630. Pgm of Pop Mx @ 0635 (McCoy 3/8)
- 8243 CLANDESTINE: The operating agency for this is not the FSLN, but rather FMLN as noted in LN and elsewhere. FMLN stands for Frente Faribundo Marti para la Liberacion Nacional. The FSLN was the Sandinist group now governing Nicaragua. (Andy Robins-MI)
- 9009 ISRAEL Kol Yisrael; 0502 EG, Nx & Nx report (Earhart 3/1)(Bernacke 2/14)
- 9022 IRAN VOIRI; 1937-1945 EG, Brief mid East Mx then to OM reading Nx plus tlk on continued Islamic struggle against Iraq. QRN. Very poor (Jordan 2/17)
- 9080 CHINA Radio Peking; 2000-2100 CH ID, CH songs & Mx, Y1 & OM tlks. //9064 better & //9290 worse (Findlater 3/5)
- 9360 SPAIN SFR; 0250 SP, Mx, time pips, ID. //11880 & 9630 KHz. (Minor 2/14)(Thompson 2/24)
- 9373 ISRAEL Kol Yisrael; 2250-2304 HB; mellow contemporary Mx w/ Y1 DJ. 2 mins of ads & @ 2258 6 pips & ID 2300. OM w/ Nx. Good signal (Brouillette 2/7)
- 9410 GREAT BRITAIN BBC; 2131 EG, Liverpool vs. Sofia in quarter final soccer match. //79515, 15070, 11750, 6175 KHz. (Halsema 3/4)(Bernacke 2/9)
- 9420 NORTH KOREA KCBS; 1425-1450* SP, female chorus w/ beautiful song in KR; OM w/ anncmt. Y1 w/ ID & into Nx pgm (Jordan 3/2) (D'Angelo 2/28)
- 9460 PAKISTAN Radio Pakistan; 1704 EG, Nx read by OM, 1715 Y1 w/ political tlk. ID @ 1719.
- 9475 EGYPT Radio Cairo; 0320 EG, World Nx & political Cmnty (Bauernhuber 2/11)(Minor 2/14)(Earhart 2/4)
- 9495 MONACO TMR; 0820 EG, "Radio Bible Class" ID at 0830, into rel pgm. (Kohlbrener 2/15)
- 9505 U.A.E. Dubai RTCTV; 0330 EG, Nx, into AR pgm at 0341. (Forth 2/12)(Conder 2/12)
- 9505 JAPAN NHK; 1410 EG, OM w/ cmnty on technological societies making world better for mankind. Discussion concerning public bath houses. (Jordan 2/19)
- 9510 GUAM KTWR; 1430 EG, IS, ID, rel pgm, loving & helping. (Zilmer 3/1)(Jordan 2/13)
- 9515 GREECE VoG; 0340 EG, world & local Nx (Spiczka 2/13)(Buttrick 2/27)(Miller 2/15)
- 9520 PAPUA NEW GUINEA NBC; 0810-0827 EG, Nx of local Anglican church. Abruptly off at 0827. 433 over jammer. (Pickard 3/1)
- 9525 POLAND R. Polonia; 0200-0235 EG, Nx & Cmnty, ID, "Spotlight on Culture" (Samuel 2/11)
- 9535 SWITZERLAND SRI; 0700 EG, Beautiful Mx. Good on all freqs. including //3985, 6165, 9560 & 15305 KHz. (Cress 3/1)(Harris 2/17)
- 9540 USSR Radio Tashkent; *1400 EG, pips, IS, ID by OM, Nx topics by Y1, very weak sig. (Jordan 2/13)(Earhart 3/2)(Miller 2/17)

- 9545 ANTIGUA DW Relay; 0543 EG, Tlk Pgm on Economics in Germany (Miller 2/16)
- 9554T EL SALVADOR R. Nacional; 0202 SP, Erf MoR Mx w/ ID "...Nacional de Radio..." Mx & Easy listening flite & orch Mx. patriotic tlks. (Jordan 2/26)
- 9560 SWITZERLAND SRI; 0707 EG, DX Pgm. QRM out by TWR at *0723 (Samuel 2/28)
- 9575 PORTUGAL Radio Portugal; 0518 EG, World & National bulletins. "Arts in Portugal" (Miller 2/19)(Buer 2/22)
- 9580 AUSTRALIA Radio Australia; 1239 EG, ID, "Australia Tonight" Pgm w/ Pop Mx & Tlk. (Cucura 2/26)(Bauernhuber 2/20)(Buttrick 2/25)(Earhart 2/6)
- 9585 CYPRUS CBC; *2214-2220 GK, IS, ID by Y1, into world Mx. F. (Reinstein 2/14)
- 9585.7 SOMALIA R. Mogadishu; 1315-1338 in lang. weak, but clear w/ native style Mx; 1330 annct by OM w/ definite "Somaliya" mention & into rapid tlk by OM, likely Nx, Mx from 1337; unid het from 9584.4 notched out. (Feidt 3/1)
- 9590 MALTA DW Relay; 0120-0150 EG, Nx & Views (Zilmer 3/2)(Thompson 3/1)
- 9590v NEPAL R. Nepal; 1447, IS, "Yo Nepal" into tlk & Mx pieces. Heard weak/fair (Forth 2/20)(Nikolich 3/6)(Wallace 2/16)(Cress 3/3)
- 9585 CIANDESTINE VoTurkish Comm. Party; 1355-1417 TK, No discernable IS heard but hrd OM w/ ID @ 1400 followed by tlks involving at least two different men. Intermittent breakthrough of tlk heard past 1415, much QRM, QRM. (Jordan 3/2)
- 9605 PHILIPPINES R. Veritas Asia; 1452-1505 EG, lang, rel tlk, Nx, ID & sked, lang? at 1500 (Samuel 2/28)
- 9617 MOZAMBIQUE R. Mocambique; *0250-0357 Xylophone IS, ID in EG, PT & other langs. NA, Mx, & more tlks in PT. Nx & local Mx and also played selections from the Brothers Johnson "Light Up the Night" and Sister Sledge "We Are Family" Hvy QRM. (Gavaras 2/16)(Witte 2/21)(Findlater 3/5)
- 9620 YUGOSLAVIA Radio Yugoslavia; *2214-2225 EG, Freq. ID by OM & Y1. Nx. poor. (Samuel 2/18)(Reinstein 2/18)
- 9630 SPAIN SFR; 0100 EG, Nx & Cmnty & beautiful Mx. One of the best Eur. pgms. (Cress 3/5)(Buttrick 2/24)(Miller 2/15)
- 9635 BRAZIL R. Aparecida; 0935, 2 OM anners in conversation, TC & Wx report for Aparecida & environs. ID, PT pops. (Klein 2/7)
- 9640 AUSTRALIA R. Australia; 1400 EG, World Nx, Australian Nx. ID & meter bands given. (Alexander 2/12)(D'Angelo 2/7)
- 9645 BRAZIL R. Bandeirantes; 0920, 2 men discussing happenings in Sao Paulo this day. It sounded like an interesting town. (Klein 2/7)
- 9645 COSTA RICA TIPC; 1130 SP, rel tlks & lite Mx, ID & address @ 1132, more rel tlks. Good (Hood 2/8)(Earhart 2/7)
- 9650 PORTUGAL DW Relay-Sines; 0510-0515* Rumanian, Nx headlines & s/off w/ ID; Portuguese xnr ID at 0515* Good w/ No jamming. (Buer 2/10)
- 9660 VENEZUELA R. Rumbos; 1055-1110 SP, LA Mx, ID, Ads, Nx? (Posporelis 2/9)(Harris 2/13)(Earhart 2/7)
- 9665 BULGARIA R. Sofia; 2130-2200 EG, ID, Nx & Cmnty on Bulgarian Economy, Sports Roundup. (Williams 2/23)(Miller 2/9)
- 9665 MALAYSIA RM; 0928 OM annor w/ tlks in Malaysian, ID as "Inillah R. Malaysia" at 0930. Some singing & Mx (Klein 2/7)
- 9664.4 NORTH KOREA KCBS; 1455-1515 KR, Organ Mx, @ 1459:50 brief annct by Y1; 4 time pips on the hour w/ last pip higher & much longer & into tlk by OM. poor level, but dual much better 11351 KHz. Mx continued from 1515 (Feidt 3/1)
- 9670 CHINA Peking; 0926 CH, opera style Mx. Y1 annor. //9775. (Klein 2/12)
- 9675 MONACO TWR; *0922 Mxbox IS, ID in Czech & into Czech pgm. rel of course! (Klein 2/8)
- 9685 BRAZIL R. Marumbi; 0912 PT, OM annor w/ long tlk, into rel sounding PT Mx, then ID & TC. (Klein 2/7)
- 9695NF EGYPT R. Cairo; 2150-2200* AR, Voice of Arabs xmsn; ID "Sowt ElArab" by OM at 2150; RE song & Mx to 2200; bells TC & ID at 2200; ex 9700 KHz. (Buer 3/7)
- 9720 SRI LANKA SLBC; 1238 EG, rel pgm; pop Mx, IDs (Conder 2/24)
- 9730 SWAZILAND TWR; *0400-0429 GM, IS, EG ID by OM, into GM pgm w/ much gospel Mx. QRM DW & SRI on adjacent freqs. (Reinstein 2/15)(D'Angelo 2/8)
- 9780 YEMEN R. Sana; 2030-2110* AR w/ stringed instrumental Mx. ID & tlks. Koran @ 2104. At 2109 NA end off (Gavaras 2/14)(D'Angelo 2/8)(Feidt 2/16)(Earhart 3/1)(Forth 2/15)
- 9815 ISRAEL Kol Yisrael; 0221 EG, pgm sked for future BC (Tzski 2/23)(Bauernhuber 2/21)
- 9840 KUWAIT RK; 2020-2105* AR, AR Mx, Nx & ID (Posporelis 2/19)
- 11351 NORTH KOREA KCBS; 1455-1515 KR, //9664.4 (Feidt 3/1)
- 11620 INDIA AIR; 2100 EG, OM annor w/ Nx, Y1 w/ Cmnty on Vietnam. Into soap opera. (Buttrick 2/1)(Halsema 3/4)(Rekich 3/3)(Cucura 2/9)(Earhart 2/22)
- 11650 KUWAIT RK; 1804-1820 EG, US Rock & Disco Mx. IDs (Kohlbrener 2/27)(Bauernhuber 2/19)
- 11685 SAUDI ARABIA : Re Earhart's tentative on 11685 Feb IR-C, ...yes a current schedule from Riyadh list the "Holy Quran Radio" on 11685 from 0600 to 0800 in // with 17780 KHz. (Matthews-OR)

I was allotted 4 pages this month but I decided I only had enough reports to fill about 3 and one half pages. So I did some chopping on a lot of items that were reported in the March issue. So use The April IR-C in conjunction w/ the March column and you'll be all set. 73's Peter

log report

section

11700 TO 17699

TERRY COLGAN



- 11710 ARGENTINA RA: 0103 EG, W w/ nx, mx (Minor)
11710 NEW CALEDONIA RN: 1015-1022 FR, nx, some tlk, //7170, p (D'Angelo)
11715 SWITZERLAND SRI: 0143-0215, 0445-0455 EG, IS, IDs, anmts,
"Dateline", mx (Earhart, Thompson)
11720 BULGARIA RS: 1932-1940 EG, nx, ID, to Eur, mixing w/ CBCNQSW
f (Buer)
11720 CANADA CBC: NQSWS 2301 EG, nx repts (Miller)
*11725 CUBA RH: 0348-0354 EG, pol cmntry, terrible mod (Earhart)
11730 GREECE VOG: 0130-0144 EG, nx, GK mx (Ketzis, Spickza) 0319-0327
GK, mx, tlks by M & W (Earhart)
*11735 NETHERLANDS RN: 1430 EG, ID, nx, tlks (Lindell)
11740 ALGERIA RA: 2058-2110 EG, guitar IS to 2100 s/on, mx to 2103, nx,
cch VOA, //21725 (Buer)
11755 UAE UAE R.: 0330-0359 EG, anmts, TC, ID, wrld & ME nx, AR chants
@ 0343, ID & address, into AR pgm @ 0359 (Hood & others)
11790 INDONESIA VOI: 1400-1450 EG, M w/ ID & anmts, lcl & GMT TCs, nx
topical tlks, mixed mx, IDs (Cucura + others)
11795 MALTA DW: 1357 GM, IS & IDs, EG site ID @ 1359, full GM ID & freqs,
into nx, f (Feidt)
11800 SRI LANKA SLBC: 2015-2022 EG, W w/ tlk, M w/ Afr svc ID, pop mx
(Feidt)
11810 SOUTH KOREA RK: 0802 EG, nx, cmntry, request for repts, IDs
(Grenier, Harris)
11815 JAPAN RJ: 1400-1418 EG, IS, ID, nx, cmntry (Hoffmann)
11820 LEBANON RL: 0245 EG, nx, pop mx, mixing w/ BBC (Clift)
11825 SOCIETY ISLANDS RT: 0847-0900* FR, 2 US disco songs, brief island
mx, ID & FR NA (Kohlrenner)
11825 MONGOLIA RUB: *1220-1237 EG, IS, ID by M/W, nx, p (Cucura, Jordan)
11825 WEST GERMANY/PORTUGAL RFE: 2150-2200 EG, Fri cmntry in CZ svc,
g (Clifford)
11830 BULGARIA RS: 0045-0059 EG, DX pgm, ID, W w/ nx, f (Bolland)
11840 GUAM KTRW: 0830 EG, ID, bible pgm (Kohlrenner)
11845 VATICAN VR: 0100-0115 EG, ID, Pope's msg in Japan (Williams)
*11845 USSR RSPP: 1355 EG, lite mx, tlk & anmts by M to 1400 (Jordan)
11856v SAUDI ARABIA BSKSA: 1820-1845 EG, W anncr w/ US rock/pop mx,
nx summaries @ 1821 & 1843, IDs, f (Jordan)
*11864.5 BRAZIL R. Clube de Pernambuco: 0650-0910 PT, bands, choruses,
shouts & whistles, excited cmntry over, probably carnival, IDs
(Pickard) tent logged w/ similar pgms 0737-0814, 2/28 by (Gliksman)
11885 URUGUAY SODRE: 0031 EG, nx, ID & sked, nx (Dittrich)
11890 EAST GERMANY RBI: 0348-0405 EG, tlks abt educ system & new Russian
town, ID by W, mx @ 0356 (Earhart)
11890 OMAN RO: 2014-2107 AR, AR mx to 2030, ID by M, drama pgm w/ lite
mx, 2100 ID, M w/ nx (Cucura) tent logged 2115-2121* in AR w/
chants, anmts, choral NA, 2/16 (Cunningham)
11895nf TURKEY VOT: 8140-1900 TK, songs & anmts by M, 1900 TC & def ID,
freq not sked at this time, ex-15220?, 2/14 (Buer)
11900 SOUTH AFRICA R. RSA: 0158-0250 EG, IS, ID, nx, cmntry, "South
African Panorama" (Thompson)
11910 HUNGARY RB: 0212-0227, 0320-0329 EG, "Looking Around", mx, IS, ID
(Earhart, Rekich)
11914 PARAGUAY R. Nac.: 2259-0157*, 1053-1157 SP, many IDs, LA & EZL mx,
long cmntrys/tlks; at close, anmts, ID, freq, NA sung by M
(Cunningham + others) earliest date repta 2/7 by (Honiwell)
*11930 LIBERIA ELWA: 0622-0635 AR, IDs in EG/FR/AR, into AR pgm w/ W @
0629 (Pickard)
*11938 KAMPUCHEA VOKP: *1200 EG, ID by W/ pol tlk by M, oriental mx, ID
by M (Buer, Conder, Jordan)
11940 SINGAPORE SBC: 1044, 1520-1545 EG, tlks, ads, mixed mx, TCs, nx
(Bolland, Thompson)

- *11945 NEW ZEALAND RNZ: 0740-0815, 1210 EG, wx, sprts, mixed mx, "National Program" ID @ 0800, BBC comedy pgm (Alexander, Kohlbrenner, Lindell)
- 11950 USSR R. Alma Ata: *2358 RS/Kazakh, vry clr under SRI, usual s/on, //9780 QMed by adj RM SP (Klein)
- 11955 SINGAPORE BBC: 0924 EG, tone, IS, site ID, into "English by Radio" (Forth)
- 11984.3 ALBANIA RT: 1530-1536 SP, anthem, ID, nx, Eur svc (Feidt)
- 11990 CZECHOSLOVAKIA RP: 0116-0130, 0340-0357 EG, cmntrys, folk mx, DX pgm, MOR mx (Coyle, Earhart, Spiczka)
- 12000 EGYPT RC: 0230-0300 EG, ID, cmntry on American Univ. (Williams)
- 12015 AUSTRIA ORF: 0430 EG, nx, cmntry, mx, exc (Coyle)
- 12175 ICELAND ISBS: 1900 Icelandic, mostly tlks by M, ID @ 2000* (Moman) tent logged *1830-1931, 2/16, psbl ID @ 1831 & into long tlk, no mx (Newhall)
- 15000 CHINA BPM: 1300, CW ID x 5, W w/ CH ID x 4, ½ sec off WWV (Wallace)
- 15004 USSR RID: 0548-0551, TPs, CW ID (Moore)
- *15010 VIETNAM VOV: 1818 EG, M w/ tlk on New Delhi conf, ID (Grenier)
- 15026 ANDORRA RA: 0950-1000* EG, relay of AWR rel pgm, ID (Marshall, Nikolic)
- 15060 SAUDI ARABIA BSKSA: 1805, 2115-2210 AR, mixed mx, nx, short tlks by M/W, IDs, g-exc (Harris + others)
- 15076 AFGHANISTAN RA: 1900-1915 EG, W w/ ID, M & W w/ nx, pop mx, cmntry (Howard + others)
- *15084 IRAN VOIRI: 0130-0145, 0603-0620 FS, mostly tlk w/ little mx, IDs (Jordan, Thompson)
- 15100 USSR R. Kiev: 0039 EG, ID, nx, cmntry on Communist Party (Harris)
- *15100 USSR R. Vilnius: 2300 EG, nx, cmntry, mx, f (Zilmer)
- 15104 GRENADA RFG: 2015-2110 EG, cricket match, ads (Clifford)
- 15105 ISRAEL KI: 0501-0511 EG, nx, tlks, wx (Earhart)
- 15105 ASCENSION ISLAND BBC: WS 1755 EG, sprts, ID, TPs, nx (Minor)
- 15110 CZECHOSLOVAKIA RP: 1545 EG, tlk by M, ID, mx, Afr svc (Minor)
- *15120 POLAND RP: 0200-0220, 0310-0338 EG, IS, ID, nx, cmntrys, PL LL (Earhart, Jordan, Miller)
- 15120 VATICAN VR: 1600-1615, 2211 EG, IS, ID, tlk on Pope's trip to Philippines (Miller, Minor)
- *15120 SRI LANKA SLBC: 1915-1930 EG, "Voice of Prophecy" AWR rel pgm, into lang, //11800 almost as good (Buer)
- 15150 CHILE R. Nac.: 0210-0230, 2251, 2343 SP, early US rock/pop, many IDs, tlk by M (Merkel, Moman, Windsor)
- 15150nf INDONESIA VOI: 1210-1220 JP, M w/ nx to 1212 ID, IN songs to 1217, IN LL, g, less QRM than //11790, 2/24 (Buer)
- 15155 SOUTH AFRICA R. RSA: 2100 EG, nx, cmntry (Bauernhuber)
- 15165 DENMARK RD: 1800 EG/DN IDs, IS, into DN nx & tlk by M (Bauernhuber, Moman)
- 15175 NORWAY RN: 0605-0625 EG, nx, "Norway This Week", g (Jordan)
- 15175 BELGIUM BRT: 2237-2250 SP, IS, DT ID, into SP pgm, g (Brouillette)
- 15200 FRANCE RFI: 1700-1800 EG, "PCA", p (Moman)
- 15220 MADAGASCAR RN: 1827, 2100-2112 EG, "Happy Station", "Seven Days" (Conder, Windsor)
- *15235 JAPAN RJ: 0215 EG, nx, cmntry, into SP @ 0230 (Cress)
- 15240 USSR R. Kiev: 0030-0100 EG, ID, nx, cmntry on Party Congress, exc (Williams)
- 15240 EAST GERMANY RBI: 1425 EG, nx, cmntry, sprts, ID, mx (Minor)
- 15245 ZAIRE LVZ: 0330-0408, 0655, 1955 FR/Vern, hi-life mx, tlks, pop mx, IDs per WRTH, phone conversation w/ listener (Cunningham + others) tent logged 0015-0110 w/ hi-life & anmts, 2/28 by (Buer) and 0210-0447 w/ similar pgms, 2/10 by (Gliksman)
- 15245 ITALY RAI: 0140 IT, IS, ID, nx, to LAm, f (Kohlbrenner)
- 15260 ASCENSION ISLAND BBC: WS 2315 EG, "Letterbox", "Jazz for the Asking", anmts concerning poor reception conditions due to atmos conditions, 2/28 (Demmitt)
- 15270 TAIWAN VOFC: 0300, 2230 EG, ID, slow-speed nx read by W, CH LL, g (Conder, Moman, Zilmer) 2346-2350* CH, trad CH mx, ID, NA (Brouillette)
- *15270 SWEDEN RS: 2300-2330 EG, nx, "Panorama", "SCDX", f-g (Rekich, Zilmer)
- 15285 BANGLADESH RB: 1230 EG, ID, nx, cmntry, mx, p (Forth)

- 15290 ARGENTINA R. El Mundo: 0117-0138 SP, ballads, ID, ads, psbl s/off @ 0138 (Gliksman)
- *15309 ALGERIA RTVA: 2330 FR, tlk by M, mentions of Casablanca, mx (Zilmer)
- 15311v GUINEA LVR: 0232-0350 FR, western mx, short tlks, IDs (D'Angelo, Dittrich, Earhart)
- *15315 FRANCE RFI: 0745-0800 FR, ID, nx, mx, many //s (Alexander)
- *15320 UAE UAE R.: 0305-0315 AR, tlk, ID by M @ 0310, mx, ex-9505, //11755 better, 3/7 (Buer)
- 15320 AUSTRALIA RA: 0423-0435 EG, ID, TC, sprts, rock mx (Dittrich, Earhart)
- *15335 INDIA AIR: *1330 EG, IS, ID, anmts, nx, cmntry, GOS to SEA, p-f, //11810 (Hood, Zilmer)
- 15340 ROMANIA RB: 0530 EG, ID, nx, address for repts (Harris)
- 15345 NORWAY RN: 1600-1630 EG, IS, nx, "Made in Norway" (Williams)
- 15355 ECUADOR HCJB: 0045-0140 EG, "Today in Review", "Passport", nx, g-exc (Bauerhuber, Rekich)
- *15360 CYPRUS BBC: WS 0145 EG, "World Today" (Zilmer)
- 15380 WEST GERMANY? RL: 0350-0400 Georgian, M w/ cmntry, clear ID, g despite jammer (Reinstein)
- 15385 PHILIPPINES FEBC: 1620-1649 Mandarin CH, W w/ tlk interspersed w/ rel mx, EG ID @ 1645, IS, OC, f (Feidt)
- 15415 LIBYA SPLAJBC: 0224 AR, AR mx, tlks, radio play, //11830, vg (Clift)
- 15420 SWEDEN RS: 2028-2035 SW, relay of HS pgm 1, sprts event w/ cheering crowd, USB, vg (Buer)
- 15420 NETHERLANDS ANTILLES TWR: 2300-2315 PT, nx, rel pgm, ID, //15440 (Posporellis) 0208 SP, rel pgm, same // (Clift)
- *15425 SRI LANKA SLBC: 0100-0226 EG, "Morning Show", "Living Waters", pop mx, lbx, TCs, IDs (Coyle + others)
- 15430 MEXICO RM: 2313-2320, 0306 SP, ID, nx, tlk by W on Mexican culture, f-g (Clift, Windsor) 2330 EG, "The Mexican Hour" (Harris) 0255 EG, "Mexico in One Minute" (Minor)
- *15430nf JAPAN RJ: 0505-0516, *2345-0045 EG, nx, "One in a Hundred Million", ID, p-f, usually dominated by RM, ex-15270, first noted 3/2 (Jordan, Pickard, Zilmer)
- *15435 GABON/FRANCE RFI: 1900-2130* FR, pop mx w/ chatter, nx @ 2100, xmsn stronger than others from RFI @ same time on 19m, prop & audio suggest Gabon relay, not listed in WRTH or RFI skeds (Findlater, Pickard) first noted by the latter on 2/14--tc
- 15445 LIBERIA VOA: 1800-1830 EG, ID, nx in special EG, orch mx, "Science in the News" (Thompson)
- 15445 BRAZIL RNB: 2315-0255 PT, Braz mx, promos, IDs, nx, futbot, ads (Clift, Jordan, Posporellis)
- *15450 PHILIPPINES FEBC: *2310 EG, new IS, NA @ 2313, site ID, rel mx, freq jammed when NA played, p (Zilmer)
- 15455 USSR RM: 0237 EG, "Top Three", interview w/ US visitor, many //s (Clift)
- 15490 USSR RSP: 1630-1700 EG, ID, pol cmntrys, folk mx, weak but clr, //15470 (Spiczka, Williams)
- 15500 COLOMBIA R. Nac.: 0222, 2030, 2200 SP, tlk by M, class mx, SP LL, IDs, p-f (Clift, Cress, Zilmer) Zilmer notes USB--tc
- 15555 CLANDESTINE R. Vatan: *1705-1800* FS, abrupt s/on, short mx, ID, anmts, tlks by M & W, ME mx, IDs @ 1730 & 1758, anmts @ s/off (Hood, Jordan, Valko) tent logged *0351-0458* in FS w/ chants, cmntrys by M, psbl ID, 3/4 (Lucas)
- 15560 AUSTRIA ORF: 1805-1900 EG, "ASWP", ID, cmntry (Rekich, Williams)
- 15575 SOUTH KOREA RK: 2130 EG, nx, cmntry, "Listener's Hour", p (Zilmer)
- *15582.5nf ISRAEL KI: 2000-2030 EG, nx, "Personally Speaking", pop mx, g, //17645, 3/4 (Zilmer)
- *15615nf ISRAEL IBA: 2015 HB, "Reshet Bet" HS pgm, p, 3/3 (Zilmer)
- 15790 CLANDESTINE VOMR: 1450-1530 EG, cmntry on ME war, anti-Singapore propaganda, //11830 (Zilmer)
- *17640 PAKISTAN RP: 1600 EG, ID & freqs, slow-speed nx (Zilmer)
- *17645 ISRAEL KI: 2000-2030 EG, nx, cmntry, ID, pop mx, "Tastes of Israel", 3/1 (Findlater, Zilmer)

Frequencies preceded by asterisks (*) indicate logging reported for M81 period; all others are D80.

73 de tc

log report section

17700 & ABOVE

BRETT SAYLOR



- 17700 ARMENIAN SSR R Moscow (via Yerevan per UHN); 0455-0505 EG, Wld Svc to S Asia, xmtr tones to 0459, "Moscow Nights" to 0500, Kremlin chimes followed by nx, good (Buer 3/1)
- 17705 PHILIPPINES R Veritas Asia; 0030-0100 EG, ID, "This is RVA, metro Manila" and anno'd freq's 15135, 15280, 17705, 17785 KHz, into nx by W and mx; ID at 0058, into Bengali then Tamil (Findlater 3/8)
- 17705 CUBA R Habana; 2256 EG, nx of Cuba and SAM, followed by wrld nx (Miller)
- 17710 HUNGARY R Budapest; 0130 EG, IS, feature pgm on WWII history; // 9835, 17910 (Clift 2/13) 0200-0230 EG, nx, cmtry (Zilmer 2/25)
- 17715 SINGAPORE BBC; 0222 EG, Radio Nxeel; // 9410 better (Clift)
- 17730 EAST GERMANY R Berlin Int'l; *1915-1935 PT, IS, ID and nx by M, ID @ 1928, tlks by M & W; (Jordan 2/22)
- 17755 JAPAN R Japan; 0101-0115 EG, nx, cmtry on balloon flight, ID @ 0115 into lang (Newhall 2/12) 2310 EG, ID, nx, cmtry (Harris) *0200-0220 EG, ID, nx, current affairs (Bernacke 2/14)
- 17755 EAST GERMANY RBI; *1315 EG, nx, cmtry to Africa (Zilmer 3/4)
- 17765 RWANDA DW; 1320-1343 FR, svc to W Afr, // 17875, 21600 (FRG..ed) much better on 21600, poor w/ VO* Phil QRM (Feidt 2/14)
- 17770 GUAM KTWR; 0102-0120 EG, DX pgm to 0114, sudden better recptn into "Good Nx" pgm (Lucas-CA 2/19)
- 17775 SOUTH AFRICA R RSA; 2101 EG, "South Afr Panorama" w/ June Palmer, nx (Miller 2/9, Michaud)
- 17775 AUSTRIA ORF; *1805-1820+ EG, ID, "Shortwave Panorama", Glenn Hauser's DX tips, fair (Jordan 2/22)
- 17785 JAPAN RJ; 0100-0200 EG, 0400 EG, nx, cmtry, // 17755; 0100 xmsn listed as 1/2 hr but on to 0200 (Zilmer 2/23, Tomaszewski)
- 17790 ECUADOR HCJB; 2130 EG, "DX Partyline" pgm (Kohlbrener 2/26)
- 17795 AUSTRALIA RA; 0407 EG, nx by M, ID (Tomaszewski 2/23)
- 17810 UNITED ARAB EMIRATES Dubai; 0442-0448 AR, mx, ID @ 0444, tlk by M, cont. MEast mx, fair (Buer 3/1)
- 17810 PHILIPPINES FEBC; 0040-0057 EG, rel tlks, choral mx, ID, "Rejoice" pgm, ID (Newhall 2/12)
- 17830 BRAZIL R Bras; 0200-0230 EG, s/on w/ ID, nx by M, reglr pgmming, fair (Bernacke 2/23)
- 17835 PAKISTAN RP; 0230-0245 EG, D, freq's by M, slow-speed nx (Zilmer)
- 17850 CHINA R Peking; 2230-2300 C., IS, tlk by M, clear ID @ 2300 "Aqui RP," into SP pgm; not listed in WRTH (Findlater-CA 3/8)
- 17855 CHINA RP; 0100-0155 EG, nx, tlks, cmtry, gd (Spiczka, Merkel, Coyle)
- 17860 NEW ZEALAND RNZ; 0100-0456 EG, nx, ID's, cricket match, light mx fair-exc (Kekich 3/5, Harris, Zilmer, Coyle)
- 17870 USSR R Vilnius; 2300 EG, nx, cmtry on US arms expend, good (Samuel, Harris) 0300 EG into RS, R Kiev, usual to 0305 then RS ID as R Yerevan at 0330 (??) (Harris) what happened between :05 and :30??; R Yerevan, *0352-0357* EG, local industr & cult nx, good signal w/ slight distortion (Spiczka 2/13)
- 17890 PAKISTAN RP; 0200 Bangla, tlk, local mx, nx, ID (Zilmer 2/21)
- 17910 PAKISTAN RP; *1330 Urdu, IS, ID by M, into chants, poor-fair w/ choppy signal (Valko 3/1) welcome back, Dave!
- 17930 LIBYA SPLAJBC; 1522-1800 AR, lengthy speeches by M, occn'l cheers, AR mx, nx (Jordan 2/19, Thompson)
- 18780-2 USA VOA; 1540-1610 RS/lang, feeders on LSB and USB, US mx, pol tlks in RS or Slovak lang, nx on Reagan econ plans, good (Jordan)
- 19637 AFGHANISTAN RA; 1255-1330 lang, chant song to 1300, tlk (nx?) by M & W to 1328, sitar mx to 1330; USB feeder (to USSR?) good (Buer)
- 21475 FINLAND R Finland; 1430-1445 EG, IS, multi-lingual ID, "Northern Report," "Off the Cuff" pgms, cmtry, press reviews; // 15400 poor (Jordan 2/6, Samuel, E.Hoffmann)

- 21485 PAKISTAN RP; 1545-1600 lang, local mx, // 21755, into EG at 1600 w/ nx (Alexander 2/12) *1300 Urdu, tlk, chanting-style mx (Zilmer)
- 21500 EAST GERMANY RBI; 1800 EG, nx, pop mx (Zilmer)
- 21520 FRANCE RFI; 1700 EG, "Paris Calling Africa", //17720 (Bauernhuber)
- 21525 USA WYFR; 2200 EG, s/on, ID, "Unshackled" pgm; good (Demmitt 3/1)
- 21525 BELGIUM BRT; *1335-1405* EG, long IS, ID, nx, "Belgium Press Rvw", Euro pop mx, into DT @ 1405 (Cucura 2/9, Jordan) 1740 EG, DX pgm, WYFR QRM (Alexander 2/8)
- 21532.5 SOUTH AFRICA R RSA; 1840 GM, DX pgm in GM svc to Eur (Feidt 2/7) *2200 FR, nx by M, DT also hrd 1700; //15155 (Munster 2/11)
- 21560 ITALY *1831-1905* IT, IS, ID, nx by M, brief mx, good (Munster)
- 21585 SWITZERLAND SRI; 2145-2215 EG, nx (Zilmer 2/21)
- 21590 PAKISTAN RP; *0230-0245 EG, slow speed nx (Moman, Spiczka)
- 21600 WEST GERMANY DW; 1740-1805* EG, Afr Svc, cmtry on life in FRG, nx paper headlines; //17860 (Kohlbrener 2/27, E Hoffmann)
- 21605-07 ALGERIA RTVA; 1500 FR, tlk, local mx; //25680 (Zilmer 3/4)
- 21605 PAKISTAN RP; 1600-1615 EG, ID, freq's, slow-speed nx to Afr, // 17555 not hrd, //17640, 21755 hrd (Zilmer 3/4)
- 21615 USA WYFR; 1855-1858 EG, UPI nx, vry good (Halsema 3/6)
- 21635 UNID 1731 AR, elementary classical AR lessn, slow speed w/ careful enunciation, good but QRM 21640 (Halsema 3/6) Algeria rpt'd here last month on this freq...bs
- 21640 JAPAN RJ; 0200 EG, "Once in a Million" pgm abt weaving industry, detailed Euro nx to 0229 (Buttrick 2/10)
- 21670 BANGLADESH RB; 1234-1250 EG, nx by M, cmtry, local mx, p (Cucura)
- 21700 UAE Dubai; 0320-0426 EG/AR, nx in AR, EG ID's and nx -- 0330 to 0340, then AR chanting; EG nx also 0530; good (Kohlbrener 2/22)
- 21705 CZECHOSLOVAKIA R Prague; 0736 EG, nx, pol cmtry, ID (Moman)
- 21725 ALGERIA RTVA; 2000 AR, ID, 2300 "Sahara" pgm in AR, hrd 3/9; // 21635, 17765, but 21725 not on daily (Behr 3/9)
- 21730 NORWAY R Norway; 1410-1425 EG, nx, "Norway This Week" (E Hoffmann)
- 21730 MOROCCO RTVM; 1630 AR, mx, tlks, ID to 2200*, ex-21725 leaving Algeria in the clear (Behr 3/9)
- 21755nf PAKISTAN RP; 0230-0245 EG, slow-speed nx (new time for this freq) //21590, 17835; EG also at 1601-1615 (Zilmer 3/3)
- 21790 BELGIUM BRT; 1245-1255* DT, tlk, mx, ID and IS at s/off; barely audible (Zilmer 2/24)
- 21810 BELGIUM BRT; apparently, part of the ORU ID is "La Voix de l'Ami-tié" which, when coupled with another word like "emission" or "transmission" sounded like "LVde Renovation;" BRT uses both FR and DT on this freq on different days, so stands corrected as Belgium, not Gabon (Davis) hrd daily since mid-Dec from *1615 w/ xylophone IS (not the usual BRT IS), pgm in DT (and now FR) from 1630 to 1700 w/ exc signal (Behr) also rpt'd by Briscoe, Zilmer
- 25650 UNITED KINGDOM BBC; 1555 EG, "Outlook" pgm (Wimmers 2/26)
- 25680nf ALGERIA RTVA; 1400 AR, mx and ID's to 2130 f/out; //21635 (Behr 3/3) 2030 AR, local mx, singing & instrmntl's, time pips on hour, no EG at 2100 (Zilmer 3/3)
- 25700nf ALGERIA RTVA; 1600 FR, pop mx, ID's, 2100 EG/SP to 2200 f/out; hrd instead of 25680 since 3/9 (Behr)
- 25730rf NORWAY RN; 1400 EG, "Norway this Week," nx & views; //21730 (Zilmer 1618-1630 EG, same pgm, exc (Briscoe 3/1)
- 25790 SOUTH AFRICA R RSA; 1505-1530 EG, nx of Afr, cmtry, into Swahili @1559; (Lindell, Jordan)
- 25950nf FINLAND RF; *1525 IS, into Finnish pgm, ID, to 1615*; //15400 (Behr)
- 26135 NORWAY RN; 1400 (lang??), SSB signal (Johnson)
- 26020 ECUADOR HCJB; 2144-2152 EG, DX Party Line, weak w/ deep & slow fade gone by 2153; 100 watt transmitter (Brouillette 2/16)

Random notes: Ernie Behr notes that 21615 RM via Riga is actually Latvia (my fault for not catching that)...instead of listed Estonia in LR-E Mar; Wallace Johnson...hope you recieved the address you wanted; The Three Mile Island DX Association asks me to announce that this central-PA group of DXer's have changed their name to "Numero Dos".

Best of 73's and good DX 'til next month,

Butt

ANTENNAS/ACCESSORIES

MIKE AGNER

PA BLUE SHIELD
ERFORD ROAD
BUILDING W6E1
CAMP HILL, PA 17111

Hi everyone! Let's continue with some of the mail you've sent me recently...

Kevin Meyer, Ks.
(our ex-Peruvian connection, Hi. Welcome, Kev.)

Spiral Killer al a Klein
90 mb inverted V
49 mb inverted V
MFJ901 antenna tuner
MFJ751 tunable filter
stereo headphones (make,
Kev? mja)
cassette recorder (ditto,
Kev. mja)
MFJ 6 position coax switch
(they have one? mja)
8 foot flag pole with a
wire grooved into the wood
28 foot random wire
KS active antenna
Cornell Dublier interference
filter (whazzat, Dave? mja)
DA100 active antenna
35 foot indoor wire
15 foot indoor wire
Mizuho SX59 preselector
Dymek DP40 preselector
Yaesu YH55 headphones
MS4 speaker
12" speaker with an infinite
baffle (??? mja)
3 coax switches (make, Dave?
mja)

Harry Graze, Ca.

Dave Maxfield, Mic.

B+W model 594 switch
Heath 24 hr. digital clock
Vertical Horizontal Random Dave mentioned in
his letter?*** mja

Ron Dishman, Me.

10 meter inverted V
Demi Quad for 10 meters
AC line filter per NASWA
publication (you mean the one
Morgan Monroe wrote about in
'75-'76? Mja)
CTR29 cassette recorder
QF1A audio filter
electric alarm clock converte
-d to 24 hrs.
Digitrex PA19 preamp
2 pr. cannonball Dixie Phones
(???mja)
80 foot random wire N-s 26
foot high
49 MB inverted V
60 mb Windom WSW-ENE 26' high
90/60/49mb helically wound
1/2 wave vertical (I'm waiting
for the article anxiously! mja)
a).....

Jack Reeder, Tn.

We'll continue with "jack's" stuff next time....
while I have a moment's worth of space, I'd like to make a request of
anyone who sends in a diagram. If you will draw it darkly on a 8 1/2" by 11"
piece of paper, leaving abt 1" margin on all sides, I'll be able to use it as
is. This request is made due to the fact that I can't draw very well! Thank
and 73s until next time....
Mike

FRENDX CREDITS

Addr. after
April 15.....

GREGG PAPES
P. O. Box 345
Watertown, CT 06795

Please note that effective April 15, my address reverts back to the old P.O. Box 345, Watertown, CT. This is due to the fact that the academic year will be ending before the May 12 deadline (for the June FRENDX), and I will subsequently be returning to Connecticut. Got it? Good. Onward...

Brian ALEXANDER, Mechanicsburg, PA (RF-4900, R-4)...Gregg BARES, Wash. DC...
Ray BAUERNHUBER, Rosedale, NY (RF-2800)...Phil BERNACKE, Nogales, AZ (DX-302)
Charles F. BOLLAND, Lakewood, FL (FRG-7000, DX-160)...Kenneth BRISCOE, New
Albany, IN (RF-2900, Zenith R-7000)...Paul BROUILLETTE, Sault Sainte Marie,
MI (DX-160)...Paul BUER, Miami, FL (SPR-4/FS-4)...Allan W. BUTTRICK, Jr.,
Ridgefield, CT...Leslie BYRON, Laurelton, NY (Patrolman 9)...James C.
CLIFFORD, Bamberg, W. GERMANY (FRG-7)...Tony CLIFT, Campbellville, ONT
(ICF-2001, R-390A)...Robert CONDER, Chapel Hill, NC (FRG-7000mod)...James R.
COYLE, Endicott, NY...Hadley D. CRESS, Harrisonburg, VA (FRG-7700, RF-2800).
Vladimir CUCURA, Reading, PA (FRG-7000)...Larry CUNNINGHAM, Columbus, OH
(FRG-7000)...Richard A. D'ANGELO, Wyomissing, PA...S. DAVIES, Wilkes-Barre,
PA (HQ-140x)...John DEMMITT, Bellefonte, PA...Walter DITTRICH, Shalimar, FL
(FRG-7000)...Kenneth A. EARHART, Allentown, PA (NRD-505)...Bill FEIDT,
Columbia, MD (R-7/DR-7, FRG-7)...Marlin A. FIELD, Hillsdale, MI (SPR-4)...
John M. FISHER, Chelmsford, MA (GPR-90)...Karl FORTH, Chicago, IL (HQ-160)...
Scott FRITZ, Clay Center, KS (SX-110)...Tom GAVARAS, Plymouth, MN (HQ-180)...
Sholom GLIKSMAN, Chicago, IL (RF-2800)...Pete GRENIER, Azusa, CA (FRG-7)...
Norman C. GROSVENOR, Los Angeles, CA (FRG-7)...James J. HALSEMA, Glenmore,
PA (ICF-6700W)...Kelly R. HARRIS, Chewelah, WA (DX-302)...Baxter W. HENSLEY,
El Paso, TX (FRG-7)...Emmett J. HOFFMANN, St. Louis, MO (51S-1, R-1530)...
Bill HOOD, Lac du Bonnet, MAN (RA-17C, R-4B)...Ron HOWARD, Santa Barbara, CA
(SB-310)...J. R. JONES, Jackson, MS...Rufus JORDAN, Pittsburgh, PA (DX-302,
Transoceanic)...Mike KETZIS, Leavenworth, KS (ICF-5900W, R-1000)...Dr. S.
David KLEIN, Brooklyn, NY (DX-160)...Fred S. KOHLBRENNER, Philadelphia, PA
(DX-300, DX-160)...Chris LEITHNER, Brentwood, TN (DX-160)...T.C. LINDELL,
Polson, MT (FRG-7700)...Kenneth LOH, Phoenix, AZ (FRG-7)...Richard A. LUCAS
Stockton, CA (R-1000, DX-160)...Brett MARKER, Rockford, IL (CRF-320)...
Phillip MARSHALL, East Point, GA (SX-73)...Bill MATTHEWS, Columbus, OH
(FRG-7000)...Randy MCCOY, Utica, MI (DX-302, DX-1000)...Richard H. MERKEL,
Union, NJ (DX-300mod)...Gilles MICHAUD, Pont-Viau, Laval, QUE (FRG-7)...
Steven D. MILLER, Boston, MA (RF-2200)...Donald E. MINOR, Tempe, AZ (RF-4900
mod, DX-300)...Don MOMAN, Edmonton, ALB (R-7, SPR-4/FS-4)...Don MOORE,
Bellefonte, PA (FRG-7000, XCR-30)...Ralf MUNSTER, Decatur, GA (R-7/DR-7)...
Norm NEWHALL, Suffield, CT (FRG-7000-424)...David NEWKIRK, Seattle, WA
(R-1000)...Mike NIKOLICH, Chicago, IL (HQ-180, SPR-4)...Wilder A. PICKARD
Evanston, IL (R-7, XCR-30)...George POPPIN, San Francisco, CA (FRG-7dig)...
James POSPORELIS, Troy, NY (RF-2200)...R.W. REAGAN, Washington, DC--April
Fool!...Steven H. REINSTEIN, Miramar, FL (RF-4900)...Dean REKICH, Prospect,
PA (R-1000, HQ-145)...Chris SAMUEL, Winnipeg, MAN (RF-2800)...Dan SHEDDY,
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SPICZKA, Bloomington, MN (FRG-7mod)...Glenn L. THOMPSON, Deming, NM (FRG-7).
Phil TOMASZEWSKI, Thorsby, ALB (DX-200)...Dave VALKO, Dunlo, PA (FRG-7, DX-
DX-160)...Andrew G. WALLACE, Chelmsford, MA (75A-4)...John WILLIAMS, Bloom-
ington, MN (R-1000, R-4B, SPR-4)...Bernard WIMMERS, Jr., Homestead AFB, FL
(R-1000)...Alan C. WINDSOR, East Point, GA (Regency WT-4)...Marjorie E.
WITTE, Torrance, CA...Niels WOLFISH, Toronto, ONT (FRG-7)...Robert R. ZILMER
Rio Rancho, NM (R-1000, ICF-5900W)...

We had 80 log report contributors this time. There would most likely have been more if I had not begun strictly enforcing the monthly deadline of the twelfth. If your logs did not appear in this month's FRENDX they will be held for the May issue. Happy Easter & 73ss.....Gregg Bares.

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