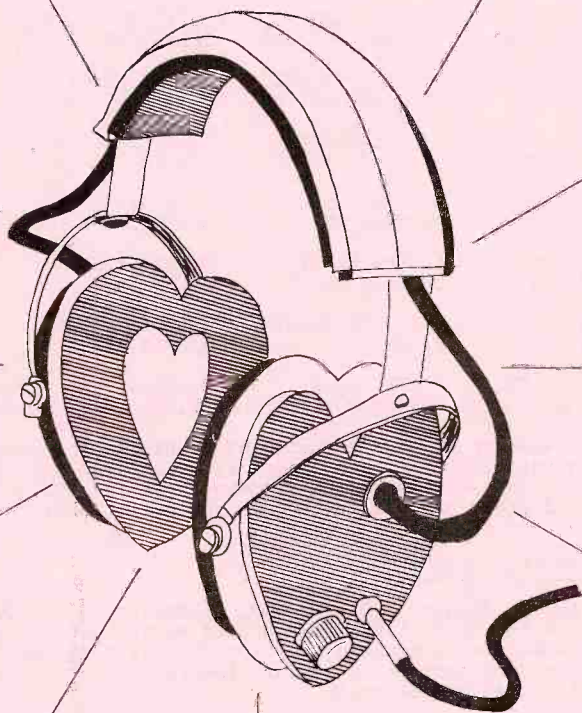


SPEED^{IX}

*the dx radio magazine
for active shortwave listeners*



FEBRUARY 1979

Vol. IX No. II



KEYNOTES



OLIVER ELLSWORTH, MANAGING EDITOR: 2043 W 75th ST, LOS ANGELES, CA 90047

CONGRATULATIONS TO 8 NEW FULL MEMBERS

CLIF BROWN CHICAGO, IL	MICHAEL CHINAKOS CAMAS, WA	VLADIMIR CUCURA READING, PA	LEWIS FORBES BRACKETTVILLE, TX
DAVID EWING FREEPORT, IL	ROBERT FORRESTER OKINAWA	JOHN PAPINOS SHREWSBURY, MA	EDWARD KAVALESKY YOUNGSTOWN, OH

Certificates of Full Membership and a copy of the SPEEDX Constitution are being mailed concurrently herewith to each of the above new members.

SPEEDX WELCOMES THE FOLLOWING NEW ASSOCIATE MEMBERS

HIROAKI ITOH TOKYO, JAPAN	MIKE NIKOLICH DeKALB, IL	JAMES GASPER SHERMAN OAKS, CA	NOBUAKI TAKAHASHI TOKYO, JAPAN
JACK EARL STOCKTON, CA	WILLIAM TOSCANO WESTERLY, RI	JEFFERY STOVER MONTROSE, PA	RICHARD KEILHOFER PITTSBURGH, PA
PATRICK ALLEN ROCKFORD, IL	ELIO DiFRANCO LYNDHURST, OH	LAWRENCE WAGNER CAMP HILL, PA	ALLEN BRIEM BALBOA, CANAL ZONE
CHARLES JOHNSON KANSAS CITY, MO	JOHN HOWARD LOS ANGELES, CA	MADELINE CHOATE TULSA, OK	DAVID WITKINS MORTON GROVE, IL
JAMES GIRVAN BURBANK, CA	JOCHEN PFEIFER WEST GERMANY	RONALD HEATH CERRITOS, CA	GENE & GREG MARTIN WARWICK, RI
HOLLY GRINAGER ROCHESTER, MN	JACK LATTEMANN SEATTLE, WA	OTTO KUEHRMANN AMBLER, PA	RICHARD NOVAK JR. WALNUT CREEK, CA
DAVID GLEASON GUAYABO, PR	MICK KOELBLE CANTON, OH	DOUG CHANDLER WEST SEDONA, AZ	DAVID McNALLY HUNTINGTON BEACH, CA
BARRY MOROSKIE SHAMOKIN, PA	LUTHER HANEY DALLAS, TX	DAVID LASKY BRONX, NY	HERMAN DEIBEL SAN FRANCISCO, CA
ROBERT GABBARD LIVONIA, MI	YUKIYASU YASUI JAPAN	JOHN SCHAEFER AUSTIN, MN	F.J. GINO GIANOLA WASHINGTON, DC
MICHAEL FEELEY NATICK, MA	ROBERT LOWE KINGSBURG, CA	Welcome back Steve Handler, Deerfield IL, we have missed you.	

Thanks to another 38 plus a number of rejoiners for joining SPEEDX. I am sure that you will enjoy our magazine, we however ask that each of you support the various sections, without your input, we would not have a club. The editors and staff are glad to answer your questions, but please include a SASE. The best of DX to all of you.

CENTRAL DISTRIBUTION EDITOR

Our CDE is Bob Zilmer, P.O. Box 697, Milwaukee, WI 53201. Bob's deadline is the 10th of the month. The CDE has been established to help you keep your postage expense at a minimum, however the relay system is a delaying factor therefore we ask that you use your discretion in it's use. The editors deadline is the 15th of the month.

MEMBERSHIP CHAIRMAN

Due to a postal reclassification, Vera Crable's address has been changed to 5114 North 17th Street, Coeur d'Alene, ID 83814. Vera is still located at the same place, ready to fill your requests for the tri-lingual forms, info. on full member status (credit points) etc.

BOD ELECTION

The election to fill three (3) positions on the Board of Directors will be held in September of this year. We will publish in the April issue, the current list of full members who are qualified to nominate, be nominated, and to vote. A supplemental list, will then appear in the May and June issues.

Don't get caught short, you still have time to qualify in the election, by bringing your full member status up to date.

SOUTHERN CALIFORNIA AREA DXERS

The next meeting of SCADS will be held on Saturday, February 17, from 9 AM to 4 PM at: 5361 Sisson Drive, Huntington Beach. Everyone is welcome, come and enjoy your self. SCAD meets as a rule are a mini convention. For those who needs further directions, may obtain a map from Don Johnson, PO Box E, Elsinore, CA 92330 for a SASE (a must) Bring along items that you would like to donate for a HAP auction. Hope to see you there.

CENTRAL PENN. GET TOGETHER

The second get together of the Central PA group, will probably be held in March. Please contact Don Moore, 134 East Foster Ave, #308, State Collage, PA 16801 for information.

MOORHEAD, MN DX OUTING

Those interested in an Area DX Outing this spring should contact: Robert Wentzell, 812 North 12th Street Moorhead, MN 56560

TOP 20 MOST WANTED RADIO COUNTRIES

Gary Rakow, 73 Yorktown Road, East Brunswick, NJ 08816, is holding a poll to determine the top 20 most wanted. Please send your top 20 to him. By using a predetermined point system, he will forward the final voting results for publishing in the May issue of SPEEDX. Gary would like to receive all votes by April 1, 1979.

THE SHORTWAVE PROPAGATION HANDBOOK

The Shortwave Propagation Handbook by George Jacobs, WeASK and Theodore J. Cohen, N4XX, is hot off the press. This book explains all facets of shortwave propagation in simple language. It is full of do-it-yourself data for predicting propagation conditions on all bands to all areas of the world, as well as forecasting day-to-day changes in conditions. It is a first of its kind for the radio amateur, shortwave listener, and all others who make use of the shortwave spectrum. Personalized signed copies at \$7.50 each, post-paid, are available from: MAIL-A-PROP, P.O. Box 1714, Silver Spring, MD 20902. Remittance from foreign countries should be in US currency and include \$1.00 extra for postage.

George Jacobs, was for many years, with VOA, and now at the Board For International Broadcasting. Geo. is also a SPEEDXER.

WRTH 1979 HAP BENEFIT PRE-PUBLICATION ORDERS

Billboard Publications has informed Don Erickson, "that the air freight pre-publication order was delayed in the mails and that by the time it arrived, the book had been published and all shipments had left the London printers prior to Jan. 11! Therefore, copies will have to be obtained from surface (sea) shipments when they arrive in Cincinnati, OH; they will be re-shipped UPS from Riverside, CA, upon arrival, presumably early March. All orders received prior to the Dec. 31 deadline and following directions explicitly will be eligible for suitable refund of the air freight costs. All inquiries should be sent or phoned directly to Don Erickson, not to your club which bears no fault or responsibility for the delays. Donald Erickson, 6059 Essig Street, Riverside, CA 92504. (714) 687-5910, all hours.

RADIO WEST CATALOG

A new 16 page catalog of shortwave gear is available from Radio West, 3417 Purer Road, Escondido, CA 92025.

A SMILE IS SOMETHING THAT ADDS TO YOUR FACE VALUE

Aeradio DXers interested in exchanging loggings, frequencies, and other related data, contact SPEEDXER Bill Godbey, 5683 Souchak Drive, West Palm Beach, Florida 33406. Phone (305) 686-8548. No collect calls please.

SPEEDXER Albert W. Smith, 39 Oasis Blvd, Madison, OH 44057, is asking for some assistance. 0215 GMT on 9115 kHz back in October '78, he taped what sounded like a series of 5 numbers, repeated twice, then another series of 5 numbers. The language sounded like German. Al would like to find someone to translate the tape and give him an explanation of the contents. Al will pay postage both ways. ed note, sorry Al for the delay in publishing this.

SPEEDXER Doug Watson, P.O. Box 127, Scandinavia, WI 54945, advises that Number or "Spy" transmissions, are his main interest, he would like to exchange information with others with like interest.

SPEEDXER ALLAN ROSEWAIN, 9661 Cherimoga Dr, Fontana, CA 92335, advises that a monthly propagation Forecast Chart is published in QST. They cover the major propagation routes, that SWLers are interested in.

SPEEDXER Larry Brookwell, 1826 Cypress St, San Diego, CA 92154, advises that Forty cents in coin or stamps will bring a copy of the San Diego DXer's Club bulletin.

USSR HIGH FREQUENCY BROADCAST NEWSLETTER

Roger Legge, P.O. Box 232 McLean, VA 22101, publishes the monthly Newsletter. Subscription rate: \$3.00 for 12 issues. Contains Transmission sites and other valuable information to the serious DXer.

MONTREAL AREA SPEEDXERS

Christopher Pallen, 67 Gables Court, Beaconsfield, Quebec, Canada H9W 5H3, would like to get in touch with other hobbyists in the area and/or members using Army surplus gear(like his RCAF GR-10). Drop Chris a line.

1979 ANARC CONVENTION GOERS

Robert Rzepka, 1287 Skylark Lane, Green Bay, WI 54303, needs a ride to the June ANARC Convention in Minneapolis. If any are coming from the east or southeast of his QTH, and can swing through Green Bay, please drop a line. Robert will be happy to help with costs of trip. How about it Gang?

LATE JANUARY SPEEDX

HQS says thanks to the membership for their patience with the late January issue. Delay was not the fault of an errant editor this time. Good old Postal "Service" took eight(8)days to deliver a first class envelope 90 miles containing the last of the material for this issue. No, this was not in the snow bound east but in Sunny California. Egads!

ASSOCIATION OF NORTH AMERICAN RADIO CLUBS(ANARC)

ASSOCIATION OF NORTH AMERICAN RADIO CLUBS(ANARC) publishes a monthly newsletter, available to all hobbyists. Cost is just \$3.50(\$5.00 foreign)per year. Lots of club news and an overall look at the hobby make this well worth the cost. Also lists the many local hobby meets around the country. ANARC, 557 North Madison Avenue, Pasadena CA 91101 is the place to write.

SPEEDX AWARDS PROGRAM

Our awards program is going full-steam. Why not apply for a new award or update some of these you already have? If you have not heard about the program, you can get full details for a SASE. Why not go all the way and obtain the SPEEDX country list & awards program. Cost is 50¢ for full members and 75¢ for associate members. All available from:Jack Jones, 304 Robinhood Road, Jackson, MS 39206. Be sure to write to Jack for all country list/awards program info, as club HQS does not stock this info.

The best way for a homemaker to have a few minutes to herself is to start
4 doing the dishes.

PROGRAM

FEBRUARY 1979

WOODY SEYMOUR, JR.
P. O. BOX 848
SANFORD, NC 27330

PANORAMA

STATION OF THE MONTH

Radio Canada International



RCI's "exploding
pizza" logo

One of the first shortwave stations heard by the new American shortwave listener is the powerful voice of our neighbors to the north, Radio Canada International. What attracts listeners to RCI? The proximity of Canada to the U.S. and the powerful transmitters of RCI are two reasons, but what about the programming? Let's look at RCI's programming and see some comments from listeners.....

This editor first heard Radio Canada in 1968. At that time, the station featured specific programs in a block format. Such favorites as the Radio Canada Shortwave Club, Earle Fisher's Listeners Corner, Country Style, Pop Shop, The In Bit and Rendez-vous made Radio Canada a listening treat. 1973 saw two major changes in Radio Canada's programming--the introduction of the "magazine" format and the rise of Canadian nationalism (in the form of anti-U.S. feature items). Things have improved in the past couple of years from this editor's standpoint, and RCI is once again one of the most listenable stations on the air. The magazine format is still present, but the items concentrate more on telling things about Canada and Canadians rather than berating the U.S. and its citizens. The introduction of the DX Digest and Mailbag programs on Sunday was another positive step for RCI. Thus, Radio Canada International is a favorite both in the U.S. and in the other target areas.....

Another popular source of programming from Canada comes from the CBC, Canada's domestic network. RCI relays The World at Six and As It Happens daily Monday through Friday to the U.S. Additionally, Americans experience good reception of the CBC Northern Service, a radio outreach to the inhabitants of the "Frozen North". The superior quality of CBC radio programming, as relayed on shortwave from these two sources, has won these transmissions many listeners. Many American listeners would like more CBC domestic programs to be relayed directly to the United States. Recent budget cuts at CBC have put the future of such relays and of RCI's regular programs on an uncertain basis. Reports on the effects of the CBC's budget cuts will be presented from time to time in Program Panorama. Let's hear what others have to say about the programs of Radio Canada International:

(Gary Rakow, NJ): "DX Digest on Sunday nights gives me something to look forward to before school on Monday."

(Clayton R. Stapleton, TX): "Radio Canada is one of the stations that has a great DX program, the DX Digest with Ian McFarland. I feel that this program is one of the best and most helpful DX programs around. Ian gives his special touch to the program."



Thanks to these two members for their contributions to the "Station of the Month" feature. Next month we will look at the BBC World Service. Deadline is February 15. In April, the featured station will be Radio Nederland. Deadline for your comments on RN is March 15. Send in your comments and help support this new feature of Program Panorama. And now it's time to go on to our regular news of program information:

(Marjorie Oakley, CA): "I recently received a wonderful surprise. In my mailbox I found a packet from Radio Australia. In the packet was two QSL cards and a 1979 calender...I have been so impressed with Radio Australia's programs that I now have a habit of tuning in each evening. They are a great gang, and I feel like I know them. The World News is exceptional. Listening to them had me aware of the present diplomatic relations with the Peking government long before it came out. Give them a try--you'll like their programming!"

GREAT BRITAIN...The BBC World Service offers some good program selections for February. Throughout this month Radio Theater is devoted to a series of four plays by James Follett based on the true stories of German prisoners-of-war who escaped from camps in Britain between 1940 and 1947.....Pacific Prospect is a series of four programs marking the 200th anniversary of the death of Captain Cook. Listen Mondays @ 1000 and 2130 GMT and Thursdays at 1430 GMT.....Radio Theater, mentioned above, can be heard Sundays @ 1915 GMT, Tuesdays at 0030 GMT and Fridays at 1330 GMT.....This month, Come Here looks at Pony Trekking, The Stately Homes of England, English Spoken and Adventure. It can be heard Sundays at 1015 and 2145 GMT and Mondays at 0315 and 0745 GMT.....(from February 1979 issue of London Calling).



HUNGARY...Radio Budapest has a special series of programs called Festivals For All Seasons. Each week you can visit a festival town. Tune in Thursdays at 2700 GMT and Fridays at 0200 and 0300 GMT....The DX show can be heard to Europe on Tuesdays and Fridays at 1515 GMT and to North America on Wednesdays and Saturdays at 0400 GMT. (Alan W. Brooks, NH and Andrew C. Smith, ENGLAND)

IRAN...The Voice of Iran has started an educational series on the religion of Islam. It is broadcast each night in English at 1945-2000 GMT on 9022 kHz. (Nigel Burton, Leicester, England in Sweden Calling DXers #1513) (Recent political events make this station an interesting one to listen to. Events might affect Radio Iran's schedule, as well.)

JAPAN...Reception conditions for Radio Japan are best at this time of year, so this schedule is given for the North American Services at 2345 and 0130 GMT. News and Commentary or Current Affairs can be heard daily, followed by a feature program. Sundays feature Music Time and Tokyo Calling. Mondays lineup includes Music Time and One In a Hundred Million. Try A Sketch of Japan and Let's Learn Japanese on Tuesdays. Wednesdays have Music Time and Japan Today. The Industrial Scene and Let's Practice Japanese are covered on Thursdays. Fridays have Tokyo Report and Weekly Editorial Roundup. The week concludes on Saturday with Hello America. Note that the program that is heard at 2345 GMT on, say, Monday will be repeated a couple of hours later at 0130 GMT (even though it's Tuesday GMT time, you will hear Monday's program). (Jose Wong, FL and Craig T. Mellinger, NJ)



USSR...The latest Radio Moscow program schedule for the North American Service shows three additions (EC--East Coast time; WC--West Coast time): on Tuesdays, Culture and the Arts can be heard at 2340, 0140 and 0340 GMT (all EC) and 0415 and 0615 GMT (WC times). Thursdays see a new edition of Moscow Mailbag at 2345, 0145 and 0345 GMT (EC) and 0415 and 0615 GMT (WC). Fridays are reserved for The Younger Generation at 2340, 0140 and 0340 GMT (EC) and 0415 and 0615 GMT (WC). (Alan W. Brooks, NH; D. Ewing, IL; Clayton R. Stapleton, TX; James Olson, CA)

VATICAN STATE...Vatican Radio publishes a monthly program guide which will be sent free of charge. Although VR does not have a regular schedule for each day of the week, the 0100 GMT program features some of the following features from time to time: General Audience, Listeners' Choice, We Have Read For You, Papal Audience, A Closer Look, Listeners Letters, The United Nations and Racism. Tune in for some interesting programs. (Direct)



ANNOUNCEMENTS...Craig T. Mellinger of NJ was not credited last month with sending in a Radio France International schedule. Until next month, all the best and good listening!

Woody



TECHNICAL TOPICS

Editor

SANDY BLAIZE

AVC
AGC
GAIN
TUNER
IMAGE

SSB
LSB
FADE
NOISE
Smeter

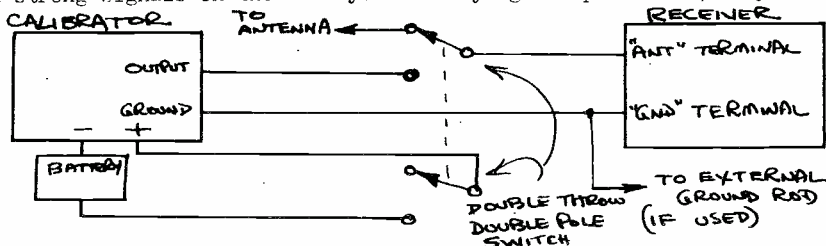
Send Technical Questions
& Technical Material To: ➡

E. V. "SANDY" BLAIZE
417 RIDGEWOOD DRIVE
METAIRIE LA 70001

"COUNTERS" & "DIGITAL" READOUTS, DIALS or whatever you prefer to call them! SPEEDXer Roger DeRoy wrote in wanting to know several things that seem to be a question in the minds of many. First, how to hook a counter to "so-and-so" receiver? I must say that this depends on several factors. One, how the counter and receiver is designed, plays a major role. IF I know the counter and IF I know the receiver, (or have schematics of BOTH,) I can deliver an answer. Otherwise, I would only be guessing or assuming how. You might say it's like changing a muffler on a car; You might know what the muffler looks like, but you need information on the "header" or the pipe that goes from the engine to the muffler! It is usually bad too and has to be replaced. If you don't know what size it is; FORGET IT. A "Standard" frequency counter (the kind service technicians use), can, in most cases be used a readout, BUT it WILL NOT compensate for the "I.F." frequency of the receiver. In other words, the reading will be high or low by the intermediate frequency of the set. (455 khz. etc.)

Most counters designed as receiver READOUT devices are built so this can be compensated for. The most well known are those made by RADIO WEST and the GILFER GAR-7.

CRYSTAL CALIBRATORS: How do you hook them up? How do you use them?..... RADIO WEST offers a nice unit that gives markers every 1 Mhz., 100 khz. and 10 khz. Let's say you have a DX-160 and can't afford to buy a digital dial or a new receiver. How do you accurately log a station? EASY! Switch your calibrator to 1 mhz. and find the nearest desired 1 mhz. signal. (Say you are looking for ORF-Austria on 6155 khz.) This would be 6 mHz. Now select 100 khz. and tune UPWARD in frequency one marker, now you are on 6.1 mHz. Then switch the calibrator to 10 khz. and tune UP again Five markers. Log this setting! Now tune upward to the sixth marker, log this setting! Now you have accurately found 6.15 and 6.16 mhz. It should be easy to split the difference and wind up bang on 6.155 mhz! Most stations are spaced 5 khz. apart, but there are exceptions. Usually if you can get this close, it is fairly easy to "guess" the remaining difference and come close. Hook up by the diagram below. It is very desirable to disconnect the antenna when you use the calibrator (which the drawing shows). This will minimize confusion with strong signals on the band you are trying to spot a frequency on.



SERVICE available: The Editor doctors "sick" receivers. I don't perform any exotic modifications, but do repair and completely align and adjust just about any receiver on the market. Rates are reasonable and estimates given before anything is done, if you so request. Please write before shipment. *****
LAST CHANCE to buy a Panasonic RF-2200 in EXCELLENT condition. A steal at \$100 plus shipping. I gotta get rid of it! Need the money! Contact Editor. *****
I have used my allotted space this month. Been very busy trying to sort out stations in the 60 meter band for this year's TBC! 73 till next issue

Sandy
1

BRAZIL - continued

- 3255 1014 RDif. Uberlândia, PP, Bras. mx, ID @1022,1029 (222; 12/16. Cucura, PA)
 3385 0907 R. Congonhas, PP, OM.YL tlk, ID @0911, 0912 f/o (222; 12/31. Cucura, PA)
 4755 *0838 RDif. do Maranhão, PP, carrier up with mx already playing @0838, pop mx with lots of accordion playing, echo ID's difficult to pull out 0901 ID; (433; 12/21. Brown, IL)
 4765 0926 R. Emisora Rural, PP, Bras. mx and ID @0933 (252; 10/12. Pineault, PQ)
 4785 0859 R. Ribamar, PP, OM ID, NA, mixing w/ strong Ecos Del Combeima (333; 1/4. Moore, PA)
 4805 0139 R. Itatiaia, PP, soft mx, OM anmts, OM ID @0200 (252; 1/1. Moore, PA)
 4835 2315 RDif. Roraima, PP, LAm mx, ID, nx (243; 12/28. Moore/Saylor, PA)
 4855 0155 R. Clube do Pará, PP, EE mx by John Denver, ID, more EE mx; (222; 12/22. Mayer, CA)(232; 12/20. Saylor, PA)(343; 12/27.Peters, MB)
 4905 0154 R. Relogio, PP, tlk by OMM, time pips, TC every minute, ID (333;12/26.Yajko, PA)(252; 1/11. Moore, PA)
 4915 0905 RDif Macapá, PP, OM ID, into play?? (353; 12/29. Moore/Saylor, PA)
 4985 0050 R. Brasil Central, PP, Bossanova, easy listening mx, ballads, ID, fqs. 0100 (222; 1/2. Blaize, LA) PA
 5025 0340 R. Vitória, PP, soft romantic ballads, smooth OM ID @0355, (232; 1/4.Moore, PA)
 5035 0040 R. Aparecida, PP, local mx to 0100, slow mx, ID's, ads; (252;1/11.Moore,PA)
 5045 0128 R. Cultura do Pará, PP, nx by OMM, ID's w/ chimes (322; 1/9. Cereghin, MD)
 6000 0730 R. Inconfidência, PP, Xmas promos, ID, GMT-3 TC's (12/23, 444; Kamp, CA)
 6105 0942 Ceará Radio Clube, PP, OM anmts, ID (242; 12/29. Moore, PA)
 9585 0920 R. Excelsior, PP, ID's, PP tlks; (343; 12/15. Peters, MB)
 9605 0840 R. Nacional Brasilia, PP, mx, ID's, mx; roosters/cows crowing/mooing (544; 12/20. Miller, CA)
 9645 2312 R. Bandeirantes, PP, sx by OM (333; 12/16. Maghakian, NY)
 11765 0100 R. Tupí, PP, "Jornal do Domingo" w/ disco intro, OM talkover, ID, ments of São Paulo, splash from RHC (333; 11/27. Novello, NY)
 11780 0225 R. Nac. Brasilia, PP, OM ancr, easy listening mx (333; 12/25. Zink, CA) (444; 12/19. Stone, ON)
 11915 2345 R. Gaucha, PP, tlk, long ad string, bassy audio, ID (433; 11/13. Novello, NY)
 11925 0000 R. Bandeirantes, PP, fanfare, ID, accordian mx, (322;11/14. Novello, NY) (333; 12/28. Saylor, PA)
 11935 0400 R. Clube Paranaense, PP, pop LAm mx, clear ID's, fqs; (333; 12/27. Saylor,PA)
 15125 1608 R. Soc. da Bahia, PP, soccer game, (354; 1/6. Moore, PA)
 17815 0035 R. Cultura, São Paulo, PP, Deep, mellow-voiced OM, easy listening PP mx, ID; class mx @0102; (453; 1/7. Brown, IL)

CHILE

- 6135 1032 R. Univ. Concepción, SS, tlks, "Panorama Informativa", ID (323; 1/4.Lowe,AR) (332; 12/21. Heath, KY)(352; 1/11. Jones, MS)
 6150 0030 R. Cooperativa Vitalicia, SS, many pop songs, US vocalists in EE, ID, many mentions of Santiago (433; 12/20. Zilmer, WI)(Very good!!! cpjh)
 11765 0255 LVCH, EE, tlk, Chile's place in the world, missing persons (??)(323; 12/16. Cereghin, ND) +6
 15110 0630 LVCH, SS, no ID from 0630-0950 when band went out, entire px was Chilean mx with 30 sec breaks approx. 15 min. apart in which OM gave items about Chilean/Argentinian mediation, etc. (453; 1/3. Brown, IL)
 15140 0107 LVCH, EE, local vocals, handicraft show tlk, ID 0121; (444;12/11.Naylor,CA) (453; 12/18. Dawson, CA)
 17800 0112 LVCH, SS, mx, sx, ID; (343; 12/18. Dawson, CA)

COLOMBIA

- 4785 0630 Ecos del Combeima, SS, OM w/ mostly vocal mx, no ads, TC, ID after every song, Super net member, fax QRM (323; 12/29. Brown, IL) +5
 4815 0600 R. Guatapurí, SS, chimes on the hour, rooster, horse, and other animal sounds, ID and into LAm mx, 300 Hz het (322; 12/13. Brown, IL)(What network?? I don't know. cpjh. 322; 1/4. Blaize, LA) +5
 4865.5 0420 LV del Cinaruco, SS, Jumpy LAm mx, CARACOL spots; (434; 1/2. Blaize, LA) (ID's, fanfare for Xmas @0500; [454;12/25.Heath, KY]) +5
 4875 0346 LV del Norte, SS, LAm mx, ID @0401, "Aquí desde donde comienza Colombia, les habla La Voz del Norte de Cucutá." (222; 12/5. Fowler, ON)
 4875 0454 R. Super de Medellín, SS, spirited Colombian mx, ancr talked through noise and het, NA @0459, 0500* (333; 12/9. Earhart, PA) +5
 4885 0430 Ondas del Meta, SS, LAm pop mx, ID: "Somos profesionales, somos Ondas del Meta" (454; 12/24, Heath, KY - 0503*)(What network?? I don't know. 322; 1/4. Blaize, LA)(343; 12/30. Cucura, PA)
 4925 1100 Emisora Meridiano 70; SS, TC's, OM w/ tlk about "El Banco de Colombia," OM ID as "Emisora Meridiano Setenta", guitar mx; (353; 12/21. Heath,KY) +3
 4945 0125 R. Colosal, SS, Fast LAm mx, "RRRRah-dee-o Ko-lo-saaall!" (433; 1/2. Blaize, LA)(mx, singing ads; 353/ 12/9. Earhart, PA) +9

COLOMBIA - continued

- 4965 0227 R. Santa Fe, SS, "Jingle Bells," ID, ad for Coke, (332; 12/22. Mayer, CA) +11
 5010 0232 R. Surcolombiana, SS, PX, LAM mx, ID's: "R. Cultural Surcolombiana," (222; 12/26. Fowler, ONT) +3
 5020 0330 Ecos del Atrato, SS, LAM pop mx, TC's, ads, 0406* after NA (453; 12/28. Heath, KY)(212; 1/2. Blaize, LA)
 5040 0553 R. Cinco, SS, lively mx, ID 0610: "R. Cinco CARACOL" (222; 12/17. Fowler, ON) (353; 12/29. Moore, PA -- happened to be Don's 500th station [cincocientos])
 5075 0210 R. Sutatenza, SS, Jumpy LAM mx, ute QRM (433; 1/4. Blaize, LA)
 5095 0450 R. Sutatenza, SS, Salsa mx, OM ancr, many ID's, @0503 a list of all R. Sutatenza stations was given incl. calls, power, fqs., location, both MW and the SW stns. @5075, 5095, & 6075 kHz, NA, s/off followed with s/on said to be at 4 AM in Colombia (0900 GMT), very strong SW QRM from CFH in Halifax sending a eq. list for N. Atlantic weather(414; 12/18. Brown, IL) +7 (Thanks for the detailed report. cpjh!)
- 5962 0937 LV de los Centauros, SS, local mx, OM ID & TC (354; 12/29. Moore, PA)
 6015 0955 R. Mira, SS, LAM mx, ID's (343; 1/1. Peters, MB)(343; 12/21. Lobdell, MA, full ID, powers, calls, fqs., etc.)
 6115 0935 LV del Llano, SS, LAM mx, anmts, TC, ID: (333; 12/28. Tannenwald, NY)(333; 12/24. Zink, CA)(under Sofia; 311; 1/1. Radcliff, IL)
 6065 0130 R. Super, SS, mx, (thot hrd "Voz de Milano??") (433; 12/25. Pettit, IA)
 6150 0740 LV del Huila, slogan ID, LAM mx; (12/24, 333; Kamp, CA) ([Songs by the Chilean singer Lucho Gatica -- "El Amor"] 333; 12/23. Buhagiar, ON) +1
 6160 1013 Emisora Nueva Granada, SS, mx, anmts, (323; 12/19. Jones, CA)(333; 12/27. Tannenwald, NY)
 9655 0130 R. Nacional, SS, Schubert px, (444; 11/30. Mellinger, NJ)
 11792 1545 R. Nacional, SS, Latin guitar, intros by OM, ID @1600, chimes, tlk about class. mx, (333; 12/26. Donly, SC)(322; 11/13. Novello, NY)(343;12/16. Naylor, CA)

ECUADOR

- 9745 0235 HCJB, EE, DXPL, talk about WARC 1979 and interval signal of R. Baghdad (hmm, sort of like pickles and ice cream. cpjh)(544; 1/2. Curtis, TN) +21 reports of various HCJB frequencies.
- 3260t 0249 LV del Rio Carrizal, SS, OM tlk, much QRM (232; 12/27. Howell, CA) Jones,MS)
 3340 0249 R. Tropical, SS, ID, LAM pops, still using reverb during anmts; (242; 1/9
 3380 0537 R. Iris, SS, Guitar concert given by drunks, ID (444; 1/14. Lobdell, MA)
 3390 0830 R. Zaracay, SS, ancd local hospital hours (12/16. Wood, NH) +3
 4680 0420 R. Pastaza, R. Nacional Espejo, SS, OM ID, mx ID - Radio Pastaza (I think that means something -- I will look in a dictionary when I get home and report back next month. cpjh)(544; 12/10. Hrivnak, IL)
 4795 0310 LV de las Caras, SS, POP LAM mx, ads, echo ID; (312; 1/4. Blaize, LA) ([break in UTE QRM @0300 revealed ID by OM] 222; 12/27. Fowler, ON) +1
 4800 0547 (Tent)R. Popular Independiente, SS, native Andean-style vocals, flutes, OM Ancr, no ID noted so tent. (322; 12/27. Lobdell, MA)
 4820 1225 R. Paz y Bien, SS, tlk, ID, ads; (433; 12/30. Howell, CA)
 4870 0141 R. Rio Amazonas, SS, ID, TC, tlk (242; 12/21. Jones, MS) MS)
 4915 1105 Emis. Gran Colombia; SS, network nx, named all affiliates (443;12/15. Jones,
 4920 1103 R. Quito, SS, Ecuadorian mx, ID, "R. Quito, La Voz de la Capital" (444; 1/6. Jones, MS)(pop mx to 0600*, tech troubles, much dead air between songs [443; 1/7. Lobdell, MA])
 4930 0155 R. Casa de la Cultura, SS, mx, Xmas songs, tlk (322; 12/13. Oakley, CA)
 5045 1116 Ondas Canarias, SS, Ecuadorian mx, positive ID, possible short devotional, more Ecuadorian mx, ID after several weeks (242; 1/11. Jones, MS)
 5060.5 0315 Sistema de Emisora Progreso, SS, "peticiones, dedicatesiones" (1/5. Wood, NH)+4

FRENCH GUIANA - FR3, Cayenne

- 3385m 0220 FF, Calypso mx, OM singing and talking, "More Music..." jingle in EE @0230, "La Marseillaise" @0300, then guitar ID; (352; 1/7. Peck, NY)(~~0~~900 w/ electric guitar, NA, ID: "Íc Cayenne"] 333; /-; Cucura, PA)(333; 12/25 Heath, KY)(353; 12/29. Moore/Saylor, PA)

GUYANA - Guyana Broadcasting Service

- 5950 0858 EE, New Year's message to farmers, full ID, TC @0900, then light mx, rel px, "Action Radio" DJ wakeup show, NICE TO HEAR THIS ONE AGAIN!!!! (433; 1/1; Lobdell, MA)(New Year's festivities from Queens College Auditorium, Georgetown, TC, interviews, (343; 1/1. Famularo, NJ)(0719; 433; 1/1. Clark, TN)(0820; 433; 1/1. Peters, MB)(Strange that all loggings were on New Year's Day -- has anyone heard them since??? cpjh It's a little early for me as my schedule is strange)

PERÚ IS COMING ON THE NEXT PAGE

PERU
 4825 1012 LV de la Selva, SS, vocals, native flute, guitar mx, ID @1035, 1110 f/o, poor mod (322; 1/13. Lobdell, MA)
 5050 0445 R. Loreto, SS, ID, TC by OM, part of "Happy Birthday" played @0507, rooster crows, etc., poor mod; (322; 12/27. Lobdell, MA)
 6020 1053 R. Victoria, SS, Beethoven theme, NA, Buenos Días to listeners, ID, het (322; 1/5. Jones, MS)(333; 1/5. Peters, MB)
 6082 0945 R. Nacional, SS, Música para los Campesinos, tlk on Peruvian culture, more Andean-type mx w/ flute; (333; 12/16. Buhagiar, ON)(0738*, 222/ 12/23. Cucura, PA)(-925; 12/16. Wood, NH)

SURINAM - SRS

4850 0817 Lang/DD, 0817 no ID s/on w/ rel. mx, very distorted audio, ID @0828?, Hindu/sitar mx -- ID @0900 in DD; (452; 12/17. Brown, IL)(454; 12/29. Moore/Saylor, PA)

URUGUAY

11835 0947 R. El Espectador, SS, guitar mx, OM anmts, ID (252; 12/29. Moore/Saylor, PA)
 11885 2342 SODRE, SS, ID, tlk by OM, local mx @2356, 2358* (333; 1/6. Donly, SC)

VENEZUELA

3225 1047 R. Occidente, SS, ID: "Transmite R. Occidente" by YL, rustic country vocals, strongest station on band (exc. CHU)(343; 1/2. Lobdell, MA)
 3255 0957 LV del Tigre, SS, Anthem, ID, anmts of s/on; (333; 1/13. Lobdell, MA)(fútbol, Maracay vs. Caracas; 12/14. Wood, NH)
 3395 0202 R. Universida, SS, peppy LAm pop mx, salsa, orchestra w/ trumpets and male chorus, ID @0215; (242; 1/7. Peck, NY)(233; 12/26. Yajko, PA)(222; 12/16. Cucura, PA)
 4770 0325 R. Bolívar, SS, played U.S vocals [some rpt SS versions of US songs. cpjh] Grease, other BccGees songs; (444; 12/25. Yacono, NY) +7
 4780 1020 LV de Carabobo, SS, ID, TC, nx items by OM/YL (443; 12/19. Jones, MS)(I presume there was some game of national importance which all the local stas. were carrying, Sandy. cpjh -- //Lara, R. Reloj Continente;; 423; 1/4. Blaize, LA) Mayer, CA)
 4800 0130 R. Lara, SS, long cmt in SS, passing ID; (322; 1/3. Blaize, LA)(232; 12/22.
 4840 0048 R. Valera, SS, cmt. on sx event, //4990 Barquisimeto, ID mentioning both stations; (222; 1/4. Blaize, LA)(222; 12/26. Fowler, ON)([0400*] 343; 12/30. Peters, MB) +4
 4850 2354 R. Capital, SS, ads by OM, ID, ad for "Banco de los Trabajeros de Venezuela," disco mx; (233; 12/28. Moore/Saylor, PA)(544; 12/8. Hrivnak, IL) +4
 4860 0215 R. Maracaibo, SS, sx cmtry, cheers, What Network? //Rumbos, Maturín (433; 1/4. Blaize, LA)(333; 12/16. Lobdell, MA)(232; 12/28. Saylor, PA)
 4880 0018 R. Universo, SS, LAm mx and tangos w/ID by OM (322; 1/1. Blaize, LA) +3
 4990 0340 R. Juventud, SS, good signal, local noise from Xmas lights [C'mon, where's your Christmas spirit, Ken! Be thankful that Christmas isn't 365 days a year!! hi! cpjh](353; 12/17. Earhart, PA) +4
 4940 1030 R. Yaracuy, SS, La Musica px, "Buenos Días Yaracuy," followed by solid ads from 1052-57, full ID @1057, "R. Periódico de Yaracuy," followed by nx px @1102, TC's three minutes fast (443; 1/4. Brown, IL) +2
 4970 0105 R. Rumbos, SS, usual anmts, singing jingle; (433; 1/2. Blaize, LA) +6
 4980 0235 Ecos del Torbes, SS, nx, sponsored by Chrysler -- first time I've heard a Dodge Aspen ad in SS -- foll by mx, ID's, ads; (444; 12/23. Schweikart, VA)([Id: "Ecos del Torbes en San Cristóbal, Venezuela"]433;12/22.Mayer,CA) +6
 4990 0200 R. Barquisimeto, SS, Running comments on game, //4840 Valera, What network? (433; 1/4. Blaize, LA) +2
 5030 0450 R. Reloj Continente, SS, ID by OM as R. Continente; fq, sked @0450, 0456*; (343; 12/23. Hensley, TX) +7
 5040 0350 R. Maturín, SS, ID by OM, chimes, march mx, hets; (322;1/7. Peck, NY)
 6010 1045 R. Mil Cuarenta, SS, mx, ads, TC, ID by YL (343; 12/30. Jones, MS)
 6020 1009 R. Anzoateguá, SS, LAm mx, ID @1030; (222; 12/24. Moore, PA)
 6170 1030 R. Nacional, SS, ID, "frecuencia para todo el país" (433;1/4. Lowe, AR) (232; 12/29. Moore, PA)
 9660 1300 R. Rumbos, SS, ID, TC, LAm vocals; (333; 12/25. Yajko, PA)

+128375+1286+12865+2875+2385+1385+13781+2875+278+1237+123851+3851+2751+38+1237+1287+1385

NORTH AND CENTRAL AMERICA

ANTIGUA

6175 2130 BBC, EE, modern mx, "By the Numbers" (444; 12/25. Johnson, FL)
 9545 0530 DW, EE, IS, ID, to Nam., nx; (433; 1/6. Zink, CA)

ANTIGUA - continued

9680 0920 DW, GG, mx, OM, Xmas mx; (454; 12/14. Smith, FL)
 11810 1330 DW, GG, EE ID, into GG fqs, mx; (433; 1/7. Zilmer, WI) WI)
 15150 1200 DW, GG, nx, mx, fqs to NAM, ancd DW Caribbean Relay in EE, (443; 12/29. Zilmer
 15260 0030 BBC, EE, ID, Christmas px, mx, rel. tik. (544; 12/25. Miller, CA) (554; 12/15.
 Webster, AL)
 17885 1515 BBC, EE, Sat. Special, ancd "17.88", following Moscow's lead of ignoring
 final fives?? (1/6. Wood, NH)

BELIZE-R. Belize

3285 0237 SS, very weak signal, QRM de ute station, some bleedover from CHU on 3330
 (prob. due to your receiver. cpjh) rock and pop mx, SS/EE, no EE ID's hrd
 (111; 1/1. Cereghin, MD) ([EE, many ID's, 0130] 545; 12/25. Maise, LA)

CANADA

5960 0300 RCI, EE, px on the first modulated radio broadcast (it wasn't by Marconi!) on
 Dec. 24, 1906 by a Canadian inventor (444; 12/23. Saylor, PA) ([Season's
 Greetings from Ian McFarland] 555; 12/24. Byron, NY) +3
 6005 ---- CFCX; STATION NOTED AS SILENT BETWEEN 12/24 AND 1/6 WHEN IT RETURNED TO AIR.
 REASON FOR SILENCE UNKNOWN (12/24-1/5. Wood, NH)
 6070 0155 CFRX, EE, OM, K-Mart ad, Yogi Yorgensen singing "Yingle Bells" (certainly not
 from "Janqui Stadium" -- that's a NYC yoke. cpjh) (333; 12/21. Hrivnak, IL)
 ([Gray Cup football game] (Ed. note -- there were several features on RCI
 about the havoc this game plays on the country but especially on the city
 in which this game is played. cpjh) 343; 11/26. Mellinger, NJ)
 6080 0743 CKFX Vancouver, ID, wx report (232; 12/23. Kamp, CA)
 6130 1135 CHNX, Halifax - EE, wx, mx, ads, Don Brown w/ "Morning Report" (nx) @1200;
 (333; 1/6. Dalum, IN) +6
 6140 0640 RCI, FF/EE, tlks by YL/OM, (544; 12/27. Miller, CA)
 6160 1015 CKZN, EE, nx, wx, TC, OM ancr, mx, under Nueva Granada; (323; 12/27. Saylor, PA)
 6195 0610 CBCNS, Eskimo, nx, EE s/off (444; 1/3. Mappin, WA) TN)
 9535 0405 RCI, EE, nx about Canada and UN, Mailbag, and DXDigest; (555; 12/31. Curtis,
 11720 1630 RCI, FF, vocal/string contemporary mx; (555; 12/5. Johnson, FL)
 11845 0306 RCI, EE, Xmas Special (reading cards), DXDigests, (444; 12/25. Famularo, NJ) +3
 11905 1925 RCI, EE, DX nx by Hauser; (433; 12/24. Mappin, WA)
 11940 1915 RCI, EE, for Europe; (434; 12/17. Stone, ON) +1
 15260 1925 RCI, EE, DXDigest, 1930* (333; 12/27. Yacono, NY)
 15325 1902 RCI, EE, Eur. Svce, fqs, world nx; (444; 12/29. Yacono, NY) +2
 17760 1900 RCI, African Svce, EE, world nx, (544; 12/15. Miller, CA)
 17820 2000 RCI, EE, Canadian Hit Parade (455; 12/30. Stroh, IL) +2

COSTA RICA

4832 0705 R. Reloj, SS/EE, "Aqui Costa Rica" px about the different parts of the country
 and their music; special QSL for the program, frequent IDs, pop mx px
 @0740; reception so good, clock could be heard in background when mike was
 open [That's a feature of the station -- "Reloj" means "clock" or "watch"
 in SS and they bc. time continuously cpjh] [I am told by Chris Lobdell that
 this is the only px that Reloj QSL's. They bc it on Suns. and Weds. and I
 would try Sunday at 0700. Their address is: Apartado 341, San José,
 Costa Rica. cpjh] (545; 12/31. Brown, IL) +9
 5055 0255 Faro del Caribe, EE, short EE px, then ID @0300 and "Hour of Decision" (B.
 Graham) (343; 1/9. Seymour, NC) +12
 5960 1122 R. Casino, SS, TC: "La hora corecta en R. Casino," ads, call (TIQ), fqs,
 phone #, address; (333; 12/20. Jones, MS)
 6006 0920 R. Reloj, SS, potpourri of songs (Un Poquito de Agua) ID, TC's (533; 12/16.
 Buhagiar, ONT) [Aqui Costa Rica: un pais tranquilo en el medio de Amer-
 ica] 423; 12/24. Pettit, IA) +7
 6035 0918 R. Reloj, SS, slow mx, many ID's, only noted on this fq. this day, others on
 6006; (354; 1/4. Moore, PA) ([not on 6006; 423; 1/4. Jones, MS) rel, ND)
 9645 0300 Faro del Caribe, EE, address, phone, rel. px., better on 5055; (544; 12/20. Wor-

CUBA - R. Havana Cuba

9505 1620 SS, "Música Internacional" (555; 12/5. Johnson, FL)
 9770 1630 SS, nx, cmt, revolutionary songs, (333; 12/5. Johnson, FL)
 11725 0150 EE, excerpt from a Castro speech at "Festival of Youth" (433; 1/4. Curtis, TN)
 11760 0215 SS, Cuban music; (555; 12/4. Stone, ON) +3
 11930 0228 EE, sked, most important events in Cuba in 1978 (454; 1/2. Chinakos, WA) +3
 15210 1900 SS, mx, ID @1900 (555; 1/1. Cereghin, MD)
 17750 2119 EE, tik on Mexican-Americans (544; 12/15. Webster, AL)
 17855 2020 EE, nx, (434; 12/30. Stroh, IL) +1

A VINTAGE SPEEDX W/H ARTICLE ON SPANISH STATION ID'S COMING UP AT THE END OF THIS COLUMN!!

If you have been shying away from the exciting world of Latin American DX because you felt that an extensive knowledge of Spanish is required then this is for you. In the article which follows you will see how, with only a limited vocabulary, you can learn to recognize and understand the greatest majority of Latin American station identifications.

Most station identifications in Latin America may be classified into one of three groups, the slogan ID's, the location ID's, and the network ID's. These shall be referred to as Type I, II, and III station identifications respectively. Regardless of type, however, the words used are most likely drawn from among those in the vocabulary list below. You will note that in this list the Spanish word is given first, the pronunciation second, and its English equivalent last.

aquí	(ah-key)	here	marcha	(mar-cha)	progress
cadena	(ka-day-na)	network	más	(mahs)	more
canal	(kan-al)	channel	oro	(or-oh)	gold
de	(day)	of, from	poderoso	(po-der-oh-so)	powerful
departamento	(de-part-men-to)	state	por	(pore)	for, by
desde	(days-day)	from	potente	(po-ten-tay)	strong
el	(ell)	the(mas.)	predilecta	(pre-dee-lec-tah)	favorite
emisora	(ay-mis-or-ah)	station	preferida	(pre-fer-ee-dah)	preferred
en	(ayn)	in	pueblo	(pway-blo)	town
es	(ays)	is	rumbos	(rum-bohs)	revels (sta. name)
escuchando	(ays-ku-chan-doh)	listening	sintonía	(sin-toh-nee-ah)	tuning
escuche	(ays-ku-chay)	listen	somos	(soh-mohs)	we are
esta	(ays-tah)	this	su	(sue)	your
la	(lah)	the(fem.)	voz	(vos)	voice

Type I identifications contain 3 elements, the opening, the station name, and the station slogan. The opening is usually one or two words in length and designed to call the listener's attention. The words most often used and, therefore, the key words to listen for include "Esta es," "Ustedes escuchando," and "Aquí." Typical Type I ID's are short, one sentence type ID's like the following:

Esta es Radio Lara, su emisora musical. Ustedes escuchando Radio Fides de La Paz la primera en sintonía. Aquí Radio Managas, canal nueve sesenta, super potente.

Type II ID's are usually longer and more informative than Type I, and are characterized by the disclosure of station location. Type II ID's nearly always start with the key word desde, the Spanish word for "from." Then, the city, state, province, or country or any combination thereof, the station name, and, perhaps, the station slogan complete the identification. The exact order may, of course, vary and, at times, be linked together with a Type I identification. The following are examples of Type II ID's:

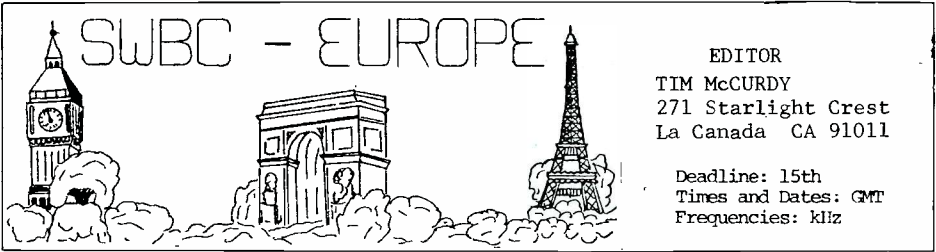
Desde Quito, transmite Radio Quito, la voz de la capital. Desde Santo Domingo, transmite Radio Televisión Dominicana, excepcional de radio y televisión. Esta es, la voz de un pueblo [frecuencia? cpjh] en marcha, Radio Progreso desde la ciudad de Progreso, departamento de Yoro, en Honduras, sudamérica.

Type III identifications are the most varied and complex, reflecting the sophistication that network resources permit. The principal characteristic of these identifications is the mention of the network name. Largest of the networks and, therefore, the ones most frequently heard are TODELAR (toh-dee-lahr), CARACOL ["snail" in SS-stands for Cadena Radial Colombiana. cpjh] (kar-a-kohl), RCN or Radio Cadena Nacional, ...Rumbos Cadena Nacional, [and Super Radio. cpjh]. Station names are often a part of Type III ID's but these can be confusing. [You said it. cpjh] At times all network affiliates are listed. The CARACOL network is particularly apt to do this sort of thing. At other times, only the lead station (station from which the programming is originating) is mentioned, but this may not be the station to which you are listening. Type III identifications are frequently preceded and followed by chimes or some other fanfare. They may also be in the form of a jingle. Typical Type III identifications are as follows:

Somos TODELAR, somos profesionales, somos La Voz de Calif. Atención la Cadena Nacional de Emisoras de Radio Presidente Balmaceda. Desde Manizales, transmite RCN, Radio Cadena Nacional, por su emisora Transmisora Caldas. RCN, la cadena de oro de américa.

There are, of course, exceptions to the general categories outlines above, just as there are a plethora of variations. Don't despair, however, for the key words are often present and the Spanish language contains many cognates, words that look and sound the same in Spanish as in English. Take profesionales, radio, and excepcional, for example, which have been used above and which were not included in the vocabulary list. Yet, most likely, you had no trouble understanding the identifications that contained them. Many station identification contain "modern" adjectives derived from equivalent English words and thus present little trouble for the DXer. So, why not give Latin American station identifications a whirl? You'll be surprised at how many you can understand! ⁷³⁵

SEE YOU NEXT MONTH!!! LISTEN FOR THOSE SS IDENTIFICATIONS!! CHRIS HANSEN *Chris Hansen*



EDITOR
 TIM MCCURDY
 271 Starlight Crest
 La Canada CA 91011

Deadline: 15th
 Times and Dates: GMT
 Frequencies: kHz

ALBANIA

(Your editor this month is JIM MAYER)

- 5057 0531 Gjirokastrer; Albanian nx ID: "Flet Tirana" folk mx (434 1/2 Blaize-LA)(Earhart-PA)(Moore-PA)(Novello-NY)(Saylor-PA)
- 7065 0010 R. Tirana; EE Nx abt. European Unemployment in Western Europe (excluding Albania of course) (434 12/16 Blaize-LA)
- 7120 0240 R. Tirana; EE Tlk of the Communist Party of Dahomey (444 12/18 Stone-ONT)
- 9500 0630 R. Tirana; EE Nx headlines, details by yl, propaganda (433 12/17 Mayer-CA)(Yajko-PA)(Smith-FL)
- 9750 0251 R. Tirana; EE Tlk abt. relations w/the Nordic countries and China (444 12/28 Yacono-NY)(Stone-ONT)
- 11985 1430 R. Tirana; Indo w/mx Indo ID: "Disini Tirana" tlk by om (322 12/31 Prath-FL)(Webster-AL)

ANDORRA

- 6215 0606 R. Andorra; FF Pgm of American/FF pop mx w/short intros by om ID @ 0659 (343 12/25 Donly-SC)(Pineault-QUE)(Schweikart-VA)

AUSTRIA

- 6155 0130 ORF; EE IS ID "Report from Austria" nx tlk abt. Valdheim (322 w/QRM 1/2 Leeman-RI)(Fraser-MA)
- 9770 0133 ORF; EE Om ID yl nx cmtly mx feature (322 12/30 Yacono-NY)
- 15335 1855* ORF; EE S/off into IS (434 12/17 Yajko-PA)
- 21530 1230 ORF; EE Nx Weekend Review mx (444 12/9 Fraser-MA)

BELGIUM

- 6080 0025 BRT; EE Yl cmtly on "Today in Belgium" (544 12/29 Hrivnak-IL)(Yacono-NY)(Mayer-CA)(Yajko-PA)
- 17740 1741 BRT; EE Belgian XMAS song (343 12/26 Snyder-NY)

BULGARIA

- 5915 2135 R. Sofia; EE ID nx DX pgm 2200* //7115 (444 12/15 Cucura-PA)
- 7115 2131 R. Sofia; EE Nx ID "Cultural Life" (353 12/23 Smith-FL)(Yajko-PA)(Cucura-PA)(Saylor-PA)(Byron-NY)
- 9705 0000 R. Sofia; EE Nx cmtly "Life in Bulgaria" then "Topical Studio" (444 12/27 Fraser-MA)(Peck-NY)(Cereghin-MD)(Cucura-PA)
- 11720 1600 R. Sofia; Lang. ID's freq. ancmts nx by yl (333 12/27 Levesque-IL)

CZECHOSLOVAKIA

- 5930 1907 R. Prague; EE Tlk on Czech/Soviet relations ID (343 12/13 Pamularo-NJ)(Oakley-CA)(Yacono-NY)
- 6055 0745 R. Prague; EE Nx wx ID as "Interprogram" (333 12/14 Smith-FL)
- 7345 0125 R. Prague; EE Cmt on Chilean Trade Unions (545 12/5 Curtis-TN)(Stone-ONT)(Fraser-MA)
- 9505 0645 R. Prague; EE Om giving freqs. ID (334 1/4 Webster-AL)
- 9605 1530 R. Prague; EE Freqs. and times on tlk (544 12/23 Miller-CA)
- 11855 0836 R. Prague; EE Cmtly on Socialist Congress ID folk mx (343 12/14 Smith-FL)
- 11990 1745 R. Prague; EE Mailbag pgm Stamp Quiz (243 12/17 Stone-ONT)(Holmes-TX)(Yacono-NY)(Yajko-PA)(Cereghin-MD)

SWBC Europe continues with.....

DENMARK

15165 *1619 R. Denmark; EE/Danish IS EE ID Danish pgm (444 12/22 Worrel)
(Novak-CA)(Famularo-NJ)

FINLAND

9565 2332 R. Finland; EE Nx and Nordic wx tlk abt. Human Rights in
Finland ID into lang. @ 0000 (434 12/20 Dubee-CA)
11800 2331 R. Finland; EE IS ID frens. to NA nx (433 12/31 Mayer-CA)
11910 2130 R. Finland; EE Nx and cmty (433 12/28 Johnson-FI)(Wood-NH)
15210 1430 R. Finland; EE Nx "Compass North" (333 12/16 Fraser-MA)
(Chinakos-WA)(Oakley-CA)(Yacono-NY)(Snyder-NY)(Blaize-LA)

FRANCE

6175 0940 RFI; FF Yl singing tlk ID IS @ 1000 (333 12/31 Oakley-CA)
7135 0440 RFI; FF Tlk by om/yl IS @ 0455 (444 12/23 Donly-SC)
11730 2000 RFI; EE Pgm for Africa w/Afro mx (344 12/17 Stone-ONT)
11845 1825 RFI; FF Classical mx New Year's pgm (333 12/31 Miller-CA)
15300 1710 RFI; EE Tlk abt. the death of the Algerian President (444
12/27 Yacono-NY)
15425 1715 RFI; EE Om ID "PCA" (333 12/14 Hodsdon-MN)
17735 1734 RFI; EE "Spotlight on Africa" ID mx (333 12/23 Mayer-CA)
17860 1718 RFI; EE Tlk on the Rhodesian Army (444 12/27 Yacono-NY)
21580 1705 RFI; EE "PCA" ID nx "BP 9516" (434 1/14 Dubee-CA)(Coleman-MA)
25620 1534 RFI; FF Dialogue IS tlk on exploration of Venus (453 12/8
Peck-NY)

FED. REP. of GERMANYDEUTSCHE WELLE

6075 2330 SS; Pgm of GG mx: "Program Musical" (555 12/28 Johnson-FI)
(12/31 Wood-NH)
9735 0736 GG; Mx om/yl tlk (343 12/31 Dawson-CA)
11850 1100 EE; Om w/story on wx in Germany (333 1/5 Kegel-MD)(Tacoma-CA)
21600 1232 EE/Vern. African nx discussion of African farmers (353 12/11
Earhart-PA)

RADIO FREE EUROPE/RADIO LIBERTY

15355 1900 RL; RR Nx and ID: "Govorit Radio Svoboda" (444 12/28
Pineault-QUE)
17835 1420 RFE; Slovak tlk by om w/mention of U.S. (343 1/1 Prath-FI)
21720 1445 RFE; Slovak tlk by om band mx (333 1/1 Prath-FL)
25690 1440 RL; RR tlk by om on Alexander Solzhenitsyn (322 12/11 Peck-NY)

SUDWESTFUNK

7265 0520 GG; Pop mx ID yl nx GG mx (333 1/1 Famularo-NJ)

DEM. REP. of GERMANY

9730 1847 RBI; EE Political cmty (333 12/17 Yajko-PA)(Mayer-CA)
11805 0130 RBI; EE Interview ID sked into GG @ 0145 (333 12/31
Schweikart-VA)

GREECE

9515 0015 VOG; EE Nx by yl ID @ 0021 more nx (454 12/29 Donly-SC)
9530 1926 VOG; EE Tlk abt. Middle East (433 12/16 Yajko-PA)(Hodsdon-MN)
(12/9 Peck-NY)
9760 0158 VOG; EE/Greek IS ID Greek tlk mx nx in EE (333 12/28
Thompson-NM)(Prath-FL)(Donly-SC)
11730 0015 VOG; EE S/on w/nx cmty (222 12/19 Prath-FL)(Grenier-CA)
(Cucura-PA)(Earhart-PA)
11925 1820 VOG; EE Nx on Japan ID tlk on the Turkish Prime Minister by
yl (443 12/18 Mayer-CA)
17830 1515 VOG; EE Nx abt. Far East (322 w/heavy QSB 12/15 Blaize-LA)

HUNGARY

6000 0300 R. Budapest; EE IS w/ancmt @ 0300 (312 w/QRM 12/21 Pettit-IA)

HUNGARY continued

7000nf 2030 R. Budapest; GG Interviews (1/4 Wood-NH)
11910 0200 R. Budapest; EE IS s/on ID nx (333 1/4 Dubee-CA)(Byron-NY)

ICELAND

12175 1241 Reykjavik Radio; Icelandic tlk by om w/instr. mx (322 12/28
Radcliff-IL)(Peck-NY)

ITALY

9575 0115 RAI; EE ID w/Italian mx (434 12/28 Curtis-TN)(Coleman-MA)
(Yacono-NY)(@ 1940 Yajko-PA)
15385 1836 RAI; Italian Nx by yl/om ID pop mx (333 12/29 Yacono-NY)

LUXEMBOURG

6090 0112 R. Luxembourg; EE Rock mx request show by om nx (454 12/29
Cereghin-MD)(Saylor-PA)(Snyder-NY)(Hrivnak-IL)(Schweikart-VA)
15350 0445 R. Luxembourg; FF Tlk btwn. two men then mx (242 Tentative
12/31 Earhart-PA)

MALTA

9565 0130 DW; EE Om ID freqs. European nx cmty (333 12/31 Hodsdon-MN)
(Rudolph-AL) Tom and Bill; Your loggings should appear
here, not in FRG.....ed

MONACO

7105 0748 TWR; EE "Message For Today" ID "Radio Bible Class" (454 12/3
Kasprzyk-TX)(Mellinger-NJ)(Fisher-MA)(Mayer-CA)(Dawson-CA)
(Webster-AL)(Cucura-PA)(Torre-CA)
9610 1035 TWR; EE Sermon on XMAS (433 12/19 Tentative Coleman-MA)

NORWAY

9590 0800 R. Norway; EE Om w/nx on cold wx (243 12/31 Kegel-MD)(@ 0100
Johnson-FL)(Worrel-ND)
9645 0206 R. Norway; EE Nx ID folk mx rpt. on economic/social events
in Norway during 1978 (433 1/1 Mayer-CA)(Maghakian-CA)
11895 1800 R. Norway; EE Nx folk mx (343 12/17 Stone-ONT)
11935 1310 R. Norway; Norw. Om nx (434 12/5 Smith-JAPAN)
17715 1600 R. Norway; EE "Norway This Week" //15175 and 21730 (333
12/24 Zilmer-WI)
17840 1420 R. Norway; EE Yl ID "Norway This Week" freqs. 1430* (333
12/10 Hodsdon-MN)(Oakley-CA)(Zilmer-WI)(@ 1300 Yajko-PA)
21680 0740 R. Norway; Norw. Om/yl tlk nx? (424 12/3 Smith-JAPAN)
Rather strange SIO on this one.....ed

POLAND

6095 *0159 Polskie Radio; EE IS s/on nx of Polish cultural develop-
ments (333 1/1 Donly-SC)(@ 1700 Wood-NH)(Cucura-PA)
9675 0641 Polskie Radio; EE Om w/tlk on wx in Poland (334 1/4 Webster)
15120 0258 Polskie Radio; EE IS s/on tlk in Polish EE @ 0302 nx (343
12/31 Maghakian-CA)(Findlater-CA)(Dubee-CA)(Mayer-CA)

PORTUGAL

6025 0303 R. Portugal; EE Tlk abt. the Deputy Prime Minister (444
12/24 Radcliff-IL)(Snyder-NY)(Oakley-CA)(Thompson-CA)
11875 2359 R. Portugal; PP IS chimes s/on by yl @ 0000 (444 1/6 Donly-SC)
11935 0312 R. Portugal; EE Nx "Art and Culture" (333 12/21 Leeman-RI)
(Worrel-ND)(Hodsdon-MN)(Pettit-IA)(Miller-CA)(Earhart-PA)
(Moore-PA)(Hrivnak-IL)(Curtis-TN)(Thompson-NM)
15340 1700 R. Portugal; EE IS s/on nx by om (333 12/31 Maghakian-CA)
17880 1805 R. Portugal; EE Wld nx mx sked (434 12/15 Miller-CA)
21700 1423 R. Portugal; PP XMAS songs w/om (353 12/25 Earhart-PA)

Portugal marches on with.....

PORTUGAL continued

IBRA
9670 2030 Swedish; EE ID into rel. pgm in Swedish (333 12/25 Saylor-PA)
(Stickle-NY)

ROMANIA

5990 2104 R. Bucharest; EE Nx tlks ID co-channel QRM w/Spain (323v
12/31 Famularo-NJ)(Stone-ONT)(Cereghin-MD)
11940 1520 R. Bucharest; EE Mx ID sked QTH 1527* (232 12/24 Schweikart-
VA)

SPAIN

6065 0559 SFR; EE Nx "Tourist Guide" on La Mancha (434 12/20 Dubee-CA)
(Woltman-WI)
9630 0010 SFR; EE Cmty on Art Show in Madrid (423 12/16 Blaize-LA)
(Franzic-CT)(Curtis-TN)(Coleman-MA)(Holmes-TX)
11730 0759 SFR; SS IS ancmt mx (544 1/5 Harada-HI)
11880 0045 SFR; EE "Tourist Guide" XMAS carols ID's freqs. (434 12/27
Miller-CA)(Mayer-CA)(Hodsdon-MN)(Somers-CA)(Grenier-CA)
(Yacono-NY)
15290 1615 SFR; SS Mx w/tlk by om ID w/freqs. @ 1630 into AA (343 1/6
Donly-SC)

SWEDEN

9690 2305 R. Sweden; EE Nordic nx "Panorama" (444 1/5 Rosewarne-CA)
(Zilmer-WI)
9695 0230 R. Sweden; EE Swedish and Nordic nx tlk of a Scandinavian
satellite (433 12/22 Mayer-CA)(Torre-CA)(Grenier-CA)
11705 2318 R. Sweden; EE Letters from listeners (232 12/30 Somers-CA)
(Thompson-CA)(Snyder-NY)(Miller-CA)(Naylor-CA)(Smith-FL)
(Curtis-TN)(Snowden-CA)(Dubee-CA)
11905 0031 R. Sweden; EE Review on 1978 in Sweden (343 1/2 Yajko-PA)
11935 1230 R. Sweden; EE Nx "Panorama" //21690 (333 12/15 Zilmer-WI)
15240 1612 R. Sweden; EE Cmty on XMAS buying in Sweden tlk on Inter-
national Affairs (343 12/15 Hensley-TX)(Grenier-CA)(Zilmer-WI)
21555 1600 R. Sweden; Swedish nx in USB (343 12/24 Zilmer-WI)(Smith-FL)
21610 1400 R. Sweden; EE Nx "Panorama" move from 21505 //21700 (343
12/15 Zilmer-WI)
21615 *1400 R. Sweden; EE "Panorama" w/story on bad wx in Northern
Europe (454 1/2 Kegel-MD)(Earhart-PA)(Yajko-PA)(Zilmer-WI)

SWITZERLAND

3985 0630 SRI; Italian nx very good signal (444 12/9 Blaize-LA)(12/26
Cucura-PA)(Radcliff-IL)
6165 0701 SRI; EE "Dateline" w/om ancrr (545 12/15 Webster-AL)(Blaize-LA)
7210 *0600 RCBS; GG? IS nx tlk mx (322 12/27 Saylor-PA)
9560 0700 SRI; EE IS ancmt by yl nx (343 1/5 Harada-HI)(Smith-FL)
9660 *0145 SRI; EE S/on nx "Dateline" pgm //6135 and 11715, 9725 (333
12/12 Yajko-PA)
9725 0445 SRI; EE ID DX pgm w/two Bobs mx freqs. into Itslian @ 0500
(433 12/10 Hodsdon-MN)(Curtis-TN)(Smith-FL)(Oakley-CA)
15305 *1815 SRI; EE S/on into nx (434 12/17 Yajko-PA)(Zilmer-WI)(Kegel-MD)
15385 1530 SRI; EE Yl ID freqs. African nx "Swiss Merry-Go-Round" (222
12/23 Hodsdon-MN)
17735 *1315 SRI; EE S/on XMAS pgm nx trans. to Asia (344 12/25 Yajko-PA)
(Hauser-TN)
21570 1530 SRI; EE "Talkback" pgm (333 1/6 Grenier-CA)(Woltman-WI)
(Yajko-PA)(Hodsdon-MN)(Yacono-NY)(Blaize-LA)(Earhart-PA)
21585 1530 SRI; EE Nx tlk of Trade Union Congress (353 12/15 Smith-FL)

UNITED KINGDOM

3952 0704 BBC; EE ID world nx (433 12/26 Cucura-PA)
6050 1600 BBC; EE Nx good @ 11 a.m. local (1/1 Wood-NH)
6195 1700 BBC; EE World Service nx (good 12/31 Wood-NH)
9410 2200 BBC; EE Nx by om satire on BBC pgms (454 12/26 Fraser-MA)
9510 2100 BBC; EE "World Radio Club" (322 12/22 Zilmer-WI)

UNITED KINGDOM continued

9915 0218 BBC; EE Tlk by yl/om (333 1/1 Mayer-CA)(Dubee-CA)
12095 0720 BBC; EE Tlk by yl (243 12/26 Schweikart-VA)
15070 1605 BBC; EE Om nx ID @ 1615 (434 12/10 Oakley-CA)
21550 1635 BBC; EE Pgm on paintings & art ID @ 1645 (343 12/10 Naylor-CA)
21640 1500 BBC; EE TC ID "Radio Newsreel" (222 12/15 Smith-FL)
21700 1600 BBC; EE N: tlk on Begin/Sadat (444 12/15 Blaize-LA)

UNION OF SOVIET SOCIALIST REPUBLICS

RADIO BAKU
4785 2130 Azerbairjanian; ID nx (12/22 Wood-NH)

RADIO KHABAROVSK
5900 1300 RR; Child singing songs narration by yl orch. in background
(434 1/4 Blaize-LA)

RADIO KIEV
7150 0045 EE; Interview w/a visiting American college student ID (444
12/29 Yacono-NY)
15100 0040 EE; ID freas. tlk on Brezhnev (444 12/22 Hodsdon-MN)
17870 0047 EE; Cmty mx (444 12/23 Yajko-PA)(Stone-ONT)(Hrivnak-IL)(12/31
Hodsdon-MN)

MAYAK
7205 0530 RR; IS @ 0530 orch. mx tlk (444 12/27 Saylor-PA)
9470 1230 RR; IS s/on w/tlk //15455 (332 12/9 Prath-FL)
12000 1235 RR; Nx RR folk mx //9450, 9470, 15455, 12020, 12010 (433
12/17 Prath-FL)

RADIO MOSCOW
5940 0315 EE; Cmty tlk nx mx DX pgm (444 12/10 Woltman-WI)(Stroh-II)
(Mayer-CA)(Prath-FL)
6010 1700 EE; Nx good at local noon (12/31 Wood-NH)
7105 0132 EE; Political nx & cmty (444 12/27 Yajko-PA)
7205 2300 EE; Nx cmty abt. sale of equipment to Soviets by the U.S.A.
(444 12/9 Blaize-IA)
7260 0712 EE; "Moscow Review" w/mx (433 12/28 Torre-CA)
9490 2005 EE; Tlk of Lebanon/Arabs (332 12/25 Mayer-CA)(Proom-UK)
9720 0930 EE Nx "Music from Moscow" (444 12/14 Smith-FL)(Hodsdon-MN)
(Blaize-IA)
11740 0818 EE; Hungarian dance mx (353 12/14 Smith-FL)
11770 1516 EE; Wld Serv. w' tks on U.S./China relations (343 12/18
Famularo-NJ)(Hodsdon-MN)
11820 1150 EE; Facts and figures abt. the Soviet Union mx nx (333 1/1
Schweikart-VA)
15140 2207 EE; Nx by yl (444 12/15 Webster-AL)(Earhart-PA)(Hodsdon-MN)
15180 2010 EE; New Year's pgm "Jingle Bells" (444 12/30 Harada-HI)(@ 0401
Smith-FL)
15410 1405 EE; Om ID nx tlk on Chinese/American relations (322 12/23
Hodsdon-MN)
21490 1315 EE; Wld Serv. nx criticism of Peking subversion in S.E.A.
(243 12/26 Mellinger-NJ)

RADIO STATION PEACE AND PROGRESS
15520 1510 EE; Nx political tlk of inhuman racial discrimination in U.S.
(443 12/10 Prath-FL) Sounds like them!!! ed.
17765 1525 EE; S/off @ 1528 followed by R.M. IS (333 12/24 Prath-FL)

RADIO VILNIUS
7150 2315 EE; Folk mx sx ID times and freas. (444 12/9 Stone-ONT)
7215 2318 EE; Yl tlk w/mx "Letterbox" @ 2323 (444 12/27 Earhart-PA)
15100 2305 EE; Mx cmty on Martyrs shot of the Communist Party (??? ed.)
(343 12/29 Smith-FL)

VATICAN CITY STATE

6015 0100 Vatican Radio; EE IS into rel. nx (444 12/12 Yajko-PA)
6222 0625 Vatican Radio; EE/lang. Yl tlk ID mass (343 12/31 Maghakian)
9605 *0100 Vatican Radio; EE "Looking back on 1978 (444 12/30 Curtis-TN)

That's it for February. Send all loggings to Tim next month. 73's and
Good by Jim 19

SWBC DX

AFRICA



Editor: WAYNE OLIVER
 1 GERMAIN AVENUE
 BRADFORD MA 01830



FEBA
 Seychelles

Deadline: 15th
 Times & Dates: GMT
 Frequencies: kHz

Radio Television Kaduna

Hope everyone is having a good New Year so far.....My prediction of a lot of loggings this month seems to have come true....A big 83 reporters this month. I hope to be able to get them all in...A reminder that all times are GMT and frequencies are in kilohertz, also unless specified otherwise programs are in ENGLISH, this will cut out some of the repetition and give me a little more room to 'ramble.' On with the loggings.....

ANGOLA

4850 0703 Radio Nacional:FF/AA to 0710, AA nx (343 12/15 Thompson-CA)
 Are you sure this is not Mauritania????wlo
 7001nf 0559 RN:short IS,PP ID,chimes, 0600 nx, PP ID at 0611 (332 1/10
 Donly-SC)(1/4 0500 PP Hauser-TN) // 's 9535,11955
 7215 0500 RN: PP ID at 0500, nx (433 12/31 Clark-TN) NF??? wlo.....
 9535 2130 RN: PP tlks, mx, ID at 2159 (333 12/23 Zilmer-WI)
 11955 *0400 RN: Electronic mx IS, NA, PP ID (232 12/23 Mellinger-NJ)(353
 1/7 0612 PP Donly-SC)

ASCENSION ISLAND

6005 0435 BBC-Atlantic Relay: "Encore" pgm, no sign of R. Reloj (232 1/8
 Moore-PA)
 9580 0200 BBC: TP,TC, World nx, Review of British Press (12/30 Thompson)
 11820 2100 BBC: "World Radio Club" (433 12/22 Zilmer-WI)(252 12/30 1800
 Somers-CA)
 11860 0610 BBC: OM w/'Newsdesk', ID at 0616 (444 11/11 Naylor-CA)
 15105 1810 BBC: "News about Britain" ID at 1815 into FF (343 12/17 Naylor)
 15260 2030 BBC: Story about the Beegee's (454 12/30 Stroh-IL)(444 12/25
 2200 Johnson-FL)
 17885 1730 BBC: ID w/African Service, sports nx (333 1/1 Hodson-MN)
 21590 1500 BBC: "Radio Newsreel" (333 12/29 Zilmer-WI)
 21630 1629* BBC: "Science in Action" abrupt s/off at 1629, no ID or IS
 may have been test. //17885 (352 12/22 Zilmer-WI)

BENIN

4870 0620 La Voix de la Rev.: FF/Vern tlks (353 1/1 0620 Peters-MANITOBA)
 (323 12/29 2234 FF Yacono-NY)(252 1/8 0415 FF Moore-PA)
 (333 12/26 0445 FF Saylor-PA)(332 12/23 0449 vern Mayer-CA)
 (353 12/23 *0410 FF Heath-KY)(343 12/27 2222 vern koelble-OH)

BOTSWANA

4845 *0353 Radio Botswana: Cowbell IS, barnyard noises (323 1/6 Lowe-AR)
 (252 12/29*0347 Moore-Saylor-PA)

CAMEROON

4750 2145 Radio Bertoua: FF tlks by OM, no ID heard (233 12/21 Yajko-PA)
 (333 12/26 0505 FF?EE Saylor-PA)(242 12/30 0550 FF Donly-SC)
 (434 12/24 2300 Lowe-AR)
 4850 2105 Radio Yaounde: Classical mx, EE nx at 2203 (454 1/1 Koelble-OH)
 (253 1/10 2205 FF Moore-PA)(352 12/16 2155 EE/FF Brown-IL)
 4972.5 0640 Radio Yaounde: FF tlks, mx, severe het (232 12/23 Earhart-PA)
 5010 *0456 Radio Garoua:IS, FF OM ID QRM de Colombia (212-253 1/11 Moore
 PA)(332 12/29 0550 EE nx Clark-TN)(322 12/24 2150 EE Dalum-
 IN)(343 12/17 0543 vern Mayer-CA)(332 12/9 0515 EE Novello-NY)
 (322 12/17 0500 EE/vern Saylor-PA)(444 1/9 0447 Howell-CA)
 (433 12/19 0503 FF Lowe-AR)(322 1/11 0455 EE Zink-CA)
 9745 2053 Radio Yaounde: FF OM ID (433 12/31 Clark-TN)(444 12/29 2100
 EE/FF ID's Oliver-MA)

CENTRAL AFRICAN EMPIRE

4998 2050 La Voix du C.A.E.: mx, OM singing, tentative (353 12/27
(Maghakian/Peck-NY)

CHAD

4904.5 0451 RNT: FF YL tlks, ID (433 12/19 Lowe-AR)(252 12/19 *0425 FF
Hensley-TX)(232 12/20 0612 FF Mayer-CA)(353 12/23 *0427 FF
Heath-KY)(242 12/14 1920 FF Famularo-NJ)

EGYPT

6230 0215 Radio Cairo: OM w/nx, ID (322 12/11 Hodson-MN)(444 12/28 0228
Yacono-NY)(554 12/25 0257 Stickle-NY)(333 12/30 0215 Miller-CA)
9475 0235 RC: Tlks on Palestine question & Rwanda (343 12/5 Stone-
ONTARIO)(343 12/16 0315 Cereghin-MD)(434 12/27 0225 Dubee-CA)
(444 ??? 0210 Curtis-TN)(444 1/1 0212 Mayer-CA)(354 12/26 0210
Snyder-NY)(322 12/19 0215 Zink-CA)(554 12/18 0205 Miller-CA)
9805 2035 RC: ID, African nx, commentary (222 12/29 Hodson-MN)(443
12/27 2259 Olson-CA)(333 12/29 2100 Oliver-MA)
9850 2244 RC: AA tlks, mx (232 12/13 Dawson-CA)
11785t 1601 RC: AA chanting, OM anns, tlks on Sadat (443 12/10 Naylor-CA)
17670 1700 RC: AA "Voice of Africa" pgm //11630 (433 12/18 Zilmer-WI)
17690 1520 RC: AA mx pgm, tlks (343 12/24 Prath-FL)

ETHIOPIA

9615 1500 Voice of Rev. Ethiopia: Nx, mx, tlks on progress of revolution
ID's at 1520 (322 12/27 Lorz-NY)

EQUATORIAL GUINEA

6250 0613 Radio Malabo:SS tlks, mx, strong het on freq (332 12/17 Mayer
CA)(333 12/26 0602 SS Earhart-PA)

GABON

4777a 0442 RTVG: NA,IS,mx, FF ID by YL (322 12/23 Dalum-IN) Has anyone
heard anything about new International Service, they have
quite a bit of equipment, but nothing heard so far ???wlo

GHANA

3350 2228 GBC-Ejura: Vern rlg pgm (353 12/24 Heath-KY)
3366 2221 GBC-Accra: Rlg pgms, organ mx (353 12/24 Heath-KY)
4915 2155 GBC: Vern tlks, pop mx pgm (253 1/10 Moore-PA)(353 1/4 0630 EE
Brown-IL)(333 12/26 0703 EE Zink-CA)
4980 0642 GBC: Social affairs anns, obits, and New Year's parties (333
12/29 Cucura-PA)(322 12/23 0615 Biller-NJ)
6130 2150 Radio Ghana: OM ID, local mx, unusual for WCNA (333 12/29
Mayer-CA)(555 12/24 2235 Maise-LA) Was reception that perfect?

GUINEA

9650 2217 Radio Nationale: Vern polt tlks, folk mx (454 12/30 Heath-KY)
(343 12/26 2108 FF Pineault-QUEBEC)(333 1/3 2326 FF Maghakian
CA)(444 1/1 9653m 0605 FF Donly-SC)
15310 2218 RN: FF polt speech about revolution (444 12/19 Heath-KY)
(444 12/22 2118 FF Mayer-CA)(433 1/3 1710 FF Hensley-TX)

IVORY COAST

4940 2148 RTVI: FF YL anns, ID (252 1/10 Moore-PA)
11920 2125 RTVI: FF singing, vern tlks (444 12/25 Stone-ONTARIO)(444 1/2
2220 FF Biller-NJ)(333 12/25 2118 Mayer-CA)(??? 1/7 2120 FF
Maise-LA)(332 12/27 2001 FF Donly-SC)(343 12/25 2210
Schweikart-VA)(433 1/1 2300 FF Peters-MANITOBA)(544 2145 12/26
Famularo-NJ)

KENYA

4915 0332 Voice of Kenya: Swahili tlks, mentions of Namibia (332 12/10
Dalum-IN...already rcvd QSL)(323 12/19 0400 Lowe-AR)
4934 *0300 Voice of Kenya: Flute IS, OM ID, vern tlks (343 1/5 Howell-
CA)(322 12/18 0258 Mayer-CA)

Not enough room on this page to start anything...So I'll ask once more for
some volunteers for the "Guide to African DX".....Also need to know what
you all would like it to contain...Language identification, propagation
conditions, QSL info, political structures etc....let me know.....

LIBERIA

4770 0615 ELWA: Nx, Xmas mx, rel. pgm (333 12/26 Lorz-NY)(454 12/25 0700 Heath-KY)(333 12/28 0657 Cucura-PA) (343 12/26 0636 Schweikart) (343 12/30 0700 webster-AL)(332 12/9 0616 Blaize-LA)
 6035 0310 VOA: "African Safari" (333 12/30 Schweikart-VA)
 11830 *0620 ELWA: ID, s/on, into ??? lang, 0700 ID (323 11/12 Rzepka-WI) (333 12/31 *0615 Heath-KY)(353 12/30 0610 Donly-SC)(343 12/30 0710 Schweikart-VA)
 15445 1810 VOA: Mx, tlks about Texas (444 12/10 Smith-FL)(454 12/21 2248 Thompson-NM)
 17870 1928 VOA: African nx, commentary (333 12/15 1928 Cucura-PA)(322 12/20 2103 Schweikart-VA)

LIBYA

5980nf 0600 SPLAJBC: AA nx, ID,mx (444 12/28 Donly-SC)(342v *0600 AA Kegel MD)
 6206 0517 SPLAJBC-Mebo II: AA chants (good daily Lowe-AR)
 9500 2210 PRBS: AA tlks, mx (454 1/5 Thompson-NM)(444 12/20 0010 AA Yacono-NY)
 11700 1440 PRBS: AA chants, ID by YL (433 12/10 Prath-FL)
 15100 1445 PRBS: AA chants, ID at 1500, nx (444 12/9 Oakley-CA)

MADAGASCAR

11730 1830 Radio Nederland: "Happy Station" pgm (453 12/21 Stroh-IL) (443 12/21 1901 Mayer-CA)(454 12/27 1830 Levesque-IL)(333 12/28 1830 Zilmer-WI)(443 12/10 2030 Blaize-LA)(555 12/28 2100 Hrivnak-IL)
 11740 2030 RN: "Afro SCENE", "1978 in Focus" (544 1/1 Curtis-TN)(344 12/3 2035 Stone-ONTARIO)
 21480 1450 RN: "DX Jukebox" (333 12/28 Zilmer-WI)(544 12/15 1509 Smith-FL)
 21685 1751 RN: DD tlks, ID (353 12/18 Dawson-CA)

MALAWI

3380 0338 MBC: Mx, Chichewa tlks, heavy QRM (222 1/4 Hrivnak-IL)(434 12/17 0310 Howard-CA)(423 12/13 0307vern Dalum-IN)(444 1/6 0335 Chichewa Thompson-NM)(322 1/5 0312 vern Peters-KY)

MALI

5995 2155 RM: FF anns, mx, Quite unusual for WCNA (322 12/26 Mayer-CA) (333 12/29 2358 FF Yacono-NY)(332 12/29 2340 ??? Koelble-OH)
 11965 *0759 RM: FF s/on, also announcing 7110,9635 and MW. Not Sunday only as previously reported elsewhere unless this was a holiday special (444 12/25 Hauser-TN)

MAURITANIA

4845 0730 RNM: AA chants, tlks, ID (444 1/2 Radcliff-IL)(554 12/13 0640 FF Brown-IL)(332 12/25 0733 AA Mayer-CA)(444 12/23 *0557 AA Heath-KY)

MOROCCO

15335 1200 RTVM: AA chants, tlks //15360 (322 1/7 Zilmer-WI)
 15160 1940 RTVM: AA songs, nx, ID (322 12/26 Peters-MANITOBA)(443 11/12 2000 AA Novello-NY) oops!!! out-of-order.....wlo

MOZAMBIQUE

3210 *0253 Radio Mocambique: IS, PP ID, NA, nx, mx (322 12/31 Heath-KY) (222 12/21 0308 PP Dalum-IN)
 4865t 2140 RM: African mx, PP tlks by OM (242 1/1 Schweikart-VA)

NIGER

5020 0604 ORTN: FF nx, pop mx (34312/30 Donly-SC)(333 12/22 0630 FF Saylor-PA)(332 12/17 0617 FF Mayer-CA)(322 12/23 0529 FF Dalum-IN)(232 12/23 0533 FF Cucura-PA)(353 12/26 0545 FF Heath-KY)(433 12/26 *0530 FF Peters-KY)

NIGERIA

4990 0555 NBC-LAGOS: ID by OM, tlks, nx at 0600 (333 12/26 Cucura-PA) (333 12/29 0600 Rzepka-WI)(322 12/27 0600 322 Zink-CA)
 7255 0730 Voice of Nigeria: OM tlks on meetings in Lagos (444 12/23 Heath-KY)(333 12/27 0630 Saylor-PA)(544 12/27 0609 Webster-AL)(332 12/11 0600 Newell-B.C.)(433 12/28 0608 EE Tore-CA)
 11770 1610 VON: MX, tlks, ID's (333 12/21 Thompson-NM) +8 others.....

RHODESIA

3396 0606 RBC: nx read by OM, commentary, ID (333 1/9 Donly-SC)(poor 12/25 0400 EE Clark-TN)

RWANDA

7225 0445 DW: Nx reports, ID, audible under Tunisia (222 1/8 Moore-PA)

SAO TOME e PRINCIPE

4807.5 2155 Radio Nacional: PP tlks, 'futbol' game, commentary (333 12/30 Heath-KY)(222 12/14 2128 Cucura-PA)(332 12/9 2245 PP Earhart -PA)

SENEGAL

4890t 0608 Rdif. du Senegal: FF tlks, readings, no def. ID (432 12/23 Dalum-IN)

SEYCHELLES

11805 0415 FEBA: Tlks about rubber, ID, "Radio Today" (332 12/28 Saylor PA)
11860 *1635 FEBA: IS,EE ID,into AA rlg pgm (433 12/22 Heath-KY)(333 12/15 1700 AA Hodson-MN)(444 12/22 1720 AA Mayer-CA)(444 12/24 *1657 AA Peters-MANITOBA)
15405 0414 FEBA: Farsi tlks, mx (433 12/31 Catalano-NY)(343 12/22 0307 ??? Mayer-CA)(433 1/4 0305 Farsi (listed) Hrivnak-IL)(252 1/8 0403 Moore-PA)

SIERRA LEONE

5980 0640 SLBS: EE tlks, vern tlks, ID, BBC nx relay (333 12/29 Peters-MANITOBA)(333 12/30 0200 Hrivnak-IL)(433 12/22 2250 Donly-SC) (323 12/28 2355 Yacono-NY)(232 12/23 0715 Kamp-CA)(332 12/11 0610 Newell-BC)(332 12/23 0700 Saylor-PA)

SOUTH AFRICA

3320 0210 Radio Five: EE/Afr. tlks, mx, nx (323 12/30 Howard-CA)(222 12/21 0350 Saylor-PA)
4810 0330 Springbok Radio: EE/Afr mx, commercials (443 1/1 Taussig-CA)+7
4835 2100 SABC: YL w/wx for South Africa, Botswana, S.W.A. 2120*
343 12/17 Kegel-MD
4880 2110 SABC: Afrikaans tlks, nx, commentary, rel. pgms (343 12/15 Kegel-MD)
4990 0338 Radio RSA: ID's, mx (444 1/1 Taussig-CA)(433 12/30 0306 Maghakian-CA) Mike informs us he is now a resident of CA !!! Gives you a few more opportunities at some exotic DX!!! HI!!
7285 0620 SABC: Afr tlks, pop mx (333 11/11 Naylor-CA) +6 others.....
9585 0217 Radio RSA: "South African Panorama" (444 ??? Curtis-TN) +9...
9710 0430 Springbok Radio: Nx, ads, pop mx (444 12/31 Zilmer-WI) +5....
11900 2152 Radio RSA: R. RSA pulled off another all-night world-wide call in pgm New Year's Eve, this time with a bit more advance notice, later joined by 15220 and 9610 at times apparently calculated to avoid QRM'ing other stations. At the outset the comperes stressed that this was a 'non-political' event. However, on the next day's newscasts, RSA made the most of this from the propaganda angle that many, many Americans called in to support South Africa. (Hauser-TN) +11 others.....
15220 0200 R. RSA: Nx, "DX Corner" pgm (444 12/17 Saylor-PA) Is Gerry Wood Back with RSA?????.....wlo +3 others.....
17780 1852 R. RSA: IS, tx problems, EE ID into PP (333 12/21 Mayer-CA) +6
21535 1520 R. RSA: Interview w/golfers (233 12/2 Earhart-PA)
25790nf 1342 R. RSA: ID, pop mx, "Africa Today" (353 1/8 Donly-SC)(343 1/2 *1300 Kegel-MD)

73's Wayne

SUDAN

5038m 0410 Radio Omdurman: AA Qu'ran recitations, mx (222 1/1 Peck-NY)

SWAZILAND

4980 0403 Radio SR: ID's, pop mx pgm (343 1/3 Torre-CA)(Lowe-AR)
5055 0304 TWR: Religious tlks, ID (433 1/1 Yajko-PA)Prath-FL)

TOGO 6 reports of RTT from *0526 on 5047 in FF.....

TUNISIA 4 reports of RTVT from 7225 from 0445 in AA.....

UGANDA 21 reports of *0300 EE best on 15325.....

ZAMBIA Report from Howard-CA of hearing IS at 0355 on 12/17 on 4911, fair... That about it for this month....I tried to get everything in, but had to squeeze a little at the end....Sorry if I left your report out..73's

ASIA-OCEANIA

BOB BODELL - EDITOR
5230 S.E. 48th AVE
PORTLAND, OR 97206

DEADLINE: 15th of the month



Frequencies in KiloHertz Time in GMT month/day format
a=approximate h=harmonic m=measured t=tentative *0000=s/on 0000*=s/off

FREQ TIME STATION

ASIA



BANGLADESH

15400 0448 R. Bangladesh: EE pgrm (Constantinides GREECE 12/13 433)

BURMA

4724 1200 BBS: Burmese tlk (Wood NH 12/20) (Lowe AR)



CAMBODIA

4908 1311 Phnom Pehn: u/lang, 5-tone scale vocal chorus, Beijing QRM (Lowe AR) 222 1/1
9693 *1200 Phnom Pehn: EE nx, cmtry, Freqs, heard every day until 1/7 fall of
Phnom Pehn, IDed as HDK, also @ 2300 (Zilmer WI) (Lobdell MA).....

CHINA

Fujian Front Station (PLA)

3260 1443 Guiyang: CC mx, YL tlk (Howell CA 12/31 343)
4045 1300 FFS 1: CC ID by YL, as in WRTH (Lowe AR 1/1 434)
4250 2305 Beijing 2: CC tlk by YL, mx (Donly SC 12/29 242) @ 1256 Lowe AR
4330 1327 FFS 1: CC w/ involved mx, // 4045 (Lowe AR 1/1 433)
4380 1120 FFS 2: CC w/ local singing (Prath FL 12/25 242) (Lowe AR)
4460 1255 Beijing 1: CC OM/YL tlk (Lowe 1/1 222)
4759 1139 Kunming, Yunnan: CC YL tlk, ute qrm (Moore PA 12/24) (Lowe AR)
4800 1321 Beijing 1: CC YL tlk, RTTY QRM (Lowe AR 1/1 323)
4840 1131 FFS 2: CC YL w/ tlk, mx, // 4380, 5170 (Cucura PA 12/16) (Yajko PA)
4895 0955 Huhhot: CC YL ancr, mx, u/lang tlk (Traver Smith JAPAN) CA)
4905 2220 Nanning, Guangxi: CC political tlk, // 5881.5 (Wood NH) (@ 1311 Naylor
4925 1310 Harbin: CC YL tlk, het. (Lowe AR 1/1 323)
4952t 1212 Xilin Gol: CC? OM/YL tlk, women singing (Uerlings OR) (Naylor CA)
4960 1039 R. Peking: Japanese OM w/ cmtry (Moore PA 12/29 253) (Lowe) (Naylor)
4975 1307 Fujian 1: CC? w/ vocals, YL tlk, Soviet QRM (Naylor CA 1/5 221)
4980 1343 Wuhan, Hubei: CC inst. mx, OM ancr, 1400 ID, poor mod. (Naylor CA)
4990 1333 Changsha, Hunan: CC w/ wild vocals (Lowe AR 1/1 322)
5040 0915 Fujian 1: CC tlk by OM (Olson CA 12/18 454)
5075 1040 Beijing 2: CC OM tlk (Smith JAPAN 12/3 353)
5125 1302 Taiwan Service: CC tlk by OM/YL (Lowe AR 1/1 333)
5170 1118 FFS 2: CC OM/YL w/ CC mx (Earhart PA 12/25 353-)
5175 2328 Beijing 2: CC YL tlk, // 5163, RTTY QRM (Lowe AR 12/29 323)
5240 1325 FFS 1: CC tlk, YL singing, fluttery, // 5265 (Blaise LA 1/4 323)
5265 1220 FFS 1: CC w/ local singing, tlk, // 5240 (Prath FL 12/10 232)
5320 2320 Beijing 1: CC YL tlk (Lowe AR 12/24 222)
5880 2315 Beijing 1: CC tlk by YL (Prath FL 1/1 333) (Lowe AR)
5900 1253 FFS 1: CC YL w/ tlk, Soviet QRM, ID mentioned Taiwan (Lowe AR 1/1)
6225 2358 Beijing 1: OM w/ CC tlk (Lowe AR 12/23 222) @ 1546 Maghakian CA)
6320 2000 RP: FF s/on w/ nx, also @ 2030 (Wood NH 1/4)
6345 1050 Beijing 2: CC w/ local mx, march mx, YL tlk (Prath FL) (Smith JAPAN)
6401m 1321 RP: Hindi? w/ tlk by 2 OMs, 1327 ID (Naylor CA 12/29 444)
6540 2030 RP: Italian s/on, ID "Qui R. Pachino" (Wood NH 1/4)
6560 2030 RP: FF s/on, "Ici R. Pekin", // 6320 (Wood NH 1/4)
6665 2325 Beijing 1: CC OM w/ tlk, mx (Newell BC 12/19 252) (Lowe AR)
6750 2319 Beijing 1: CC YL tlk (Lowe AR 12/24 322)
6765 1140 FFS 1: fast CC tlk by OM (Prath FL 1/1 332)
6790 1304 Taiwan Service: CC YL w/ tlk, inst. mx (Naylor CA 1/13) (Prath FL)
6935 2055 RP: Port. s/off w/ harp mx (Wood NH 1/4) (CC @ 1120 Prath FL)
6950 0930 RP: JJ w/ IS, ID, nx of normalization w/ US, folk mx (Yutaka JPN)

CHINA (continued)

7010 2055 RP: German tkl, s/off (Wood NH 1/4)
 7095 1230 Beijing 1: CC tkl by OM, // 6665, 6750 (Yajko PA 12/25 433)
 7305 2320 V. of Malay Rev.: march mx, into Tamil, IDs, tkl (Lowe AR 12/16)
 7425t 1550 RP?: OM playing CC mx, speaking RR (Smith JAPAN 12/12 333)
 7504 0007 Beijing 1: CC YL tkl, RTTY QRM (Lowe AR 12/29 222)
 7516 1249 Beijing 1: CC YL tkl, Viet QRM (Lowe AR 1/1 222)
 7660 2345 RP: OM in Mong. w/ tkl, 1st 5915 not heard (Lowe AR 12/29 433)
 7769m 1254 Beijing 2: CC mx, YL vocals (Lowe AR 1/1 333)
 7780 1750 RP: RR tkl, jammed (Wood NH 1/1)
 7935 2317 Beijing 1: YL CC tkl (Lowe AR 12/24 222)
 8007 2328 Beijing 2: CC tkl by OM (Lowe AR 12/24 332)
 8195 0835 FFS 2: CC YL tkl, RTTY QRM (Mayer CA 12/31 422)
 8320 1252 Beijing 2: CC mx, ute QRM (Lowe 1/1 222)
 9020 2316 Beijing 2: CC tkl by YL (Lowe 12/24 333)
 9064 2316 Beijing 1: CC YL tkl, // 9020 (Lowe 12/24 323)
 9080 2356 Beijing 1: OM w/ CC tkl (Lowe AR 12/24 222)
 9170 1235 Taiwan Service: CC vocals, tkl (Yajko PA 12/26 333)
 9290 1245 RP: EE drama, tkl, mx (Yajko PA 12/25 433)
 9365 1800 RP: Farsi s/on, ID, "Inja Pekan", nx (Wood NH 1/1)
 9423t 2345 V. of People of Thailand: tkl in SEA lang, march mx (Lowe AR 12/24)
 9550 *1800 RP: RR s/on w/ ID "Govorit Pekin", nx (Wood NH 1/1)
 9820 1215 RP: EE cmtry, tkl, nx (Woltman WI 12/27 444)(Zilmer WI)(Prath FL)
 9860 1745 RP: EE w/ entertaining, non-political play, remarkable change (Wood)
 9880 1215 RP: EE w/ sprts nx, nx by YL, cmtry (Cereghin MD 12/12)(Lowe AR)
 9940 0044 Beijing: CC YL tkl, not // 9965 (Lowe AR 12/25 323)(Pimblett ALB)
 10260 0036 Beijing 2: YL w/ CC tkl, mx, OM tkl (Lowe AR 12/25 333)
 10295 2354 Beijing 1: OM CC tkl (Lowe AR 12/24 322)
 10865 0034 RP: u/lang w/ YL vocals, heavy "FAX" QRM (Naylor CA 12/29 322)
 11000 2341 Beijing: Tibetan YL tkl, list // 15510 not heard (Lowe AR 12/24)
 11290 2323 Beijing 1: CC YL tkl (Lowe AR 12/24 323)
 11455 0103 RP: EE YL w/ nx, cmtry (Naylor CA 12/29 433)
 11600 0038 Beijing: Uighur tkl by OM (Lowe AR 12/25 323)
 11630 0014 RP: SS in SSB w/ OM tkl on Mao, 0016 ID (Naylor 1/2 443)
 11685 0421 RP: EE tkl on Bangladesh (Zink CA 1/11 222)(SS @ 1115 Prath FL)
 11693 0051 RP: SS w/ CC mx, // 11650 (Lowe 12/25 322)
 12015 0030 RP: IS, s/on in u/lang, tkl by OM/YL (Maghakian NY 12/27 333)
 12055 *0200 RP: EE w/ US/CC official recognition anmt (Mellinger NJ 12/16 343)
 15030 0118 Beijing 2: CC YL singing, to 0125 (Mayer CA 12/23 343)(Lowe AR)
 15060 0000 RP: EE nx, polar flutter (Stroh IL 12/30)(Curtis TN)(Radcliff IL)
 (Dubea CA)(Leeman RI)(Zink CA)(Woltman WI)(Coleman JA)(Seymour NC)++
 15075 0305 Beijing: CC nx, folk mx, mixed chorus, ID (Yutaka JAPAN 1/5 544)
 15090 0210 RP: EE nx, cmtry (Cereghin MD 1/9 555)
 15395 0114 RP: EE nx, cmtry by YL & OM (Cereghin MD 12/28 333)
 15590 0033 Beijing 1: YL w/ CC tkl, bad QSB (Lowe AR 12/25 242)
 15790 1354 V. of Malay Rev.: CC w/ Asian mx, YL ancr (Lowe AR 1/1 242)
 17605 0509 Beijing 1: CC YL w/ tkl (Dawson CA 12/21 252)
 17610 0155 RP: EE tkl on CC wrestling, freqs, 0156* (Cereghin MD 1/9 444)
 for additional frequencies, not included this month, see January A/O

CYPRUS

6180 2200 BBC Limassol: EE nx, World Today (Zilmer WI 1/1 333)
 6330 1200 R. Bayrak: Turkish w/ local mx (Constantinides GREECE 12/10 322)

BBC WORLD SERVICE

INDIA
 7125 1230 AIR: IS, Tibetan s/on w/ tkl, mx, chants, // 9705 (Zilmer WI 12/29)
 9535 2200 AIR: EE nx, // 11620 (Zilmer WI 12/28 322)
 9565 1535 AIR: EE nx (Peters MAN 1/1 433)(Yajko PA)
 9912 1840 AIR: u/lang w/ sitar mx, YL ancr (McDonald HI)(AA @ 1745 Wood NH)
 9950 1519 AIR: u/lang w/ flute mx, nx (Yajo PA 1/1 343)
 10335 1545 AIR: EE tkl on agri. production (Peters MAN 1/7 353)
 11620 2230* AIR: EE nx, cmtry (Baldwin NC)(Heath KY)(Radcliff IL)(Famularo NJ)
 (Schweikart VA)(Rakow NJ)(Rosewarne CA)(Gelfand NY)(@ 1220 Lobdell)++
 11810 0106 AIR: EE w/ sked, ID Indian mx (Mayer CA 12/12 433)
 15170 2130 AIR: EE w/ Indian film mx, cmtry, ID, // 11620 (Novello NY 12/11)
 15190 1013 AIR: EE w/ ID, nx, Indian mx, flute, percussion (Smith JAPAN)
 15205 1030 AIR: EE w/ pgrm details (Smith JAPAN) (Zilmer WI)
 15275 1230 AIR: 5 minutes of EE State & Development nx, then u/lang, // 11620
 15335 1330 AIR: IS, EE nx, cmtry, mx, // 11810 (Zilmer WI 12/22 333)
 17705 0330 AIR: Hindi tkl, nx, vocals, inst. mc (Thompson NM)(Maghakian CA)

INDONESIA

2450 1410 RRI Jakarta: Indo OM tlk, ID (Howell CA 12/31 242)
3215 1435 RRI Menado: Indo mx, tlk, ID (Howell CA 12/21 443)
3315 1514 unid Indo w/ nx, mentions of Indonesia (Uerlings OR 12/13 211)
3389.5 1507 unid Indo OM chanting w/ drums (Uerlings OR 12/14 211)
4719 1055 RRI Ujungpandang: Indo nx, march & pop mx, partial ID (Moore/Saylor PA 12/29)(Donly SC)(Peck NY)(Blaise LA)(Lowe AR).....
4753 1302 RRI Ujungpandang: Indo w/ "SCI", RRI nx, // 4719 (Blaise LA 1/2)
4845 1305 RRI Ambon: Indo w/ RRI nx, // 4719, 4753 (Blaise LA 1/2 322)
4875 1305 RRI Sorong: Indo w/ RRI, //s (Blaise LA 1/2 222)(Lowe AR)
5255 1358 RRI Sibolga: Indo OM tlk, "SCI" @ 1400, ancmts (Lowe AR 1/1 222)
11789 1401 VOI: EE nx, mentioned Vlet invasion of Cambodia (Peters KY)(Somers CA)

IRAN

9022 1930 VOI: FF w/ ID, nx, mx (Mougenot FRANCE 12/28)(EE @ 2000 Franzis CT)
11735 1428 VOI: Pushtu tlk to Afghanistan, fluttery (Peck NY 12/29)(Maghakian)
15084 1535 VOI: Farsi w/ mx (Yacono NY 12/27)(Smith FL)(Mougenot FRANCE)

Radio Baghdad International
The Voice Of The Iraqi Republic

IRAQ

6155 1600 R. Baghdad Int'l: Hebrew nx, nice @ 11 AM local (Wood NH 1/1)
9740 0215 RRI: AA w/ long tlk, mx, 0233 ID "Huna Baghdad" (Donly SC 1/1 444)
9745 2219 RRI: EE cmtry on July 17 Rev. (Radcliff IL)(Baldwin NC)(Mayer CA)+++
11935 0323 RRI: EE nx by YL, AA lang. lesson (Nadav NY 12/14 424)(Leeman RI)

ISRAEL

7412 2230 IBA: EE w/ funeral of Golda Meir (Rudolph AL 12/13)(Hodsdon MN)
9009 2003 IBA: EE tlk on Sadat, diplomatic relations (Mayer CA 12/25 332)
9425 *2000 IBA: EE nx (Franzis CT 12/27 333)(@ 2215 Hrivnak IL)
9435 2208 IBA: Hebrew? tlk, mx, EE @ 2230 (Willis PA)(Bowman GA)(Fraser MA)
9445 0500 IBA: Hebrew nx, press review, // 9815 (jammed) (Nadav NY 12/27 434)
9815 2230 IBA: EE nx, Calling All Listeners, DX Corner (Gelfand NY 12/31)
(Rosewarne CA)(Curtis TN)(Fraser MA)(Dawson CA)(@ 2000 Franzis CT)++
9833 0510 IBA: EE nx by YL, // 11635, 11655 (Nadav NY 12/27 444)
11635 2252 IBA: Hebrew w/ popular mx, not on listed 11638 (Earhart PA 12/18)
11655 *2230 IBA: EE YL nx, forum discussion (Oakley CA 12/6)(Dubee CA)(Hodsdon MN)(Rosewarne CA)(Pimblett ALB)(Nadav NY)(Zilmer WI)(@ 0512 Snyder NY)
17686m 1812 IBA: Hebrew tlk by OM, lessons for children (Peck NY)(@ 1222 Yajko NH)
21495 1229* IBA: EE nx, wx, // 15405, 17685 (Earhart PA 12/4 353)
21565 1200 IBA: EE nx, ads, unlisted // 21495, 17685, 15530, 15405, 11655 (Wood NH)

RADIO JAPAN

JAPAN

3377 1030 NHK Osaka: "EE Hour Pgrm", theme mx is "Tie A Yellow Ribbon.."(Howard CA 12/16)
3910 1400 FEN: EE nx from US, then rock mx (Smith JAPAN 12/4 454)
3945 0809 NSB: JJ w/ pop mx, ads, tlk, // 3925 (Mayer CA 12/29 332)
6055 1700 NSB: JJ nx by YL, good @ local noon (Wood NH 12/31)
6155 0805 FEN: EE nx, cmtry, address in WRTH got "return to sender" (Tacoma CA)
9505 *0600 R. Japan: EE nx, ID, Current Topics (Dubee CA)(@ 1500 Yajko PA)
9585 1400 RJ: EE ID, nx, sprts, Facts About Japan, 1400* (Cucura PA)(Wood NH)
9605 1800 RJ: German to Europe, // 11960 (Wood NH 1/1)(Yajko PA)
11815 1805 RJ: EE nx, Nx Review, IDs (Miller CA 12/31 444) MD)
15105 0300 RJ: EE/JJ w/ GOS ID, nx, Current Topics (Smith FL 12/30)(Cereghin MD)
15195 2200 RJ: EE nx, cmtry (Stone ONT 12/23 444)(Pimblett ALB)(Smith FL)
(Cereghin MD)(Hrivnak IL)(Famularo NJ)(Smith JAPAN).....
15270 *2341 RJ: EE w/ Tokyo Today (Franzis CT)(Seymour NC)(Stroh IL)(Hrivnak IL)
15310 0035 RJ: EE w/ Asian nx, 0045* (Davidonis MA 12/22)(Miller CA)(Yajko PA)
17725 0219 RJ: EE OM w/ Asian nx, tlk on US/Taiwan (Chinakos WA 1/2)(Miller CA)
17755 2205 RJ: EE nx by OM (Webster AL 12/15)(Famularo NJ)(Stone ONT)(Naylor CA)
17825 0015 RJ: EE w/ "Let's Learn JJ" (Cucura PA 12/27)(Stroh IL)(Peck NY)
(Hodsdon MN)(Thompson NJ)(Franzis CT)(Miller CA).....
17880 0109 RJ: EE nx, cmtry, // 17755 (Yajko PA 12/12)(Oakley CA)(Naylor CA)++
21640 0135 RJ: EE nx of US/China, Shah (Curtis TN 1/3)(Dawson CA)(Naylor CA)

NIHON SHORT-WAVE BROADCASTING.. LTD.

JORDAN

9560 1601 HKSB: EE nx, play then nx again @ 1700 (Peters MAN 12/26)(Nadav NY)

D. P. R. KOREA

2775 1425 Hamhung: KK YL tlk (Howell CA 12/31 352)
2850 2220 R. Pyongyang: KK political tlk, via LP (Wood NH 12/12)
4109 1254 VRPRK: KK w/ choral mx, YL anor, 1300 IS (Naylor CA)(Smith JAPAN)
6290 1105 KCBS: KK tlk by YL (Prath FL 12/17 233)
6400 ??? RP: HS w/ KK tlk, // 6250 (Wood 12/31)
6576 2035 RP: KK w/ mx (Wood NH 1/4)
6770 1305 RP: SS OM nx, 1309 ID, mx (Chinakos WA 1/15 343)

The Hashemite Broadcasting Service

D. P. R. K. (continued)

9420 0600 RP: EE w/ anthem, nx, chorus, ID, also @ 0800 (Yutaka JAPAN 1/6) (Snowden CA)(Miller CA)(KK @ 1400 Oakley CA)(FF @ 1730 Wood NH)...
9977 *1059 RP: IS, EE ID, nx (Peters KY 1/8)(Yajko PA)(Cereghin MD)(Prath FL) (@ 2223 Radcliff IL)(Blaize LA)(Franzls CT)(Heath KY)(Hodsdon MN)++
11390 0045* RP: EE w/ mx, then s/off by YL (Cereghin MD 12/26 222)
11535v 2345 RP: EE YL tlk on reunification (Famularo NJ)(Peck NY)(Yajko PA)

REP. OF KOREA

3032 1507 Wonsan: KK YL w/ long tlk (Uerlings OR 12/15)
7275 0725 R. Korea: KK tlk by YL, mx, then s/off (Olson CA 12/26)(Mayer CA)
9580 1000 RK: EE w/ IDs, nx, KBS Salon, 1028 into SS (Yutaka JAPAN)
9640 *1600 RK: EE nx, cmtry, // 9720 (Thompson CA 12/22)(Peters MAN)
9720 1600 RK: EE s/on w/ full ID, freqs, nx (Koelble OH 1/3)(Mayer CA)
9870 1330 RK: EE OM nx, cmtry, ID, xylophone mx (Oakley CA 12/22 323)

KUWAIT

12085 1830 RK: EE world nx, wx, pop mx (Martin RI 1/9)(Fisher/Leeman RI)(Nadav NY)(Gelfand NY)(Snyder NY)(Coleman MA)(Fraser MA)(Radcliff IL)++++
21605 1415 RK: AA mx pgrm, chants (Prath FL 12/25 444)

LEBANON

6550 0502 V. of Lebanon: anthem, pop mx, flute mx, AA tlk (Peck NY 1/1)(Donly SC)
11925 0130 RL: FF ID by OM, mx pgrm (Mougenot FRANCE 12/26 555)
15180 1828 R: EE w/ guitar IS, anthem, s/on w/ pop mx, YL ancr (Donly SC 1/14)
17710 0020 RL: AA mx, YL ID @ 0029 in SS, then Latin tunes (Donly SC 1/8 353)

LAOS

4657 1211 Houa Phan R.: Lao? tlk by OM (Lowe AR 1/4 342)

MALAYSIA

15295 1100 VOM: CC w/ TPs, tlk, rock mx, over Moscow spur (Peck NY 1/5 332)

Sabah

4970 1332 R. Malaysia Sabah: OM in u/lang (Lowe AR 1/1 323)



Sarawak

4835 1339 R. Malaysia Sarawak, Kuching: u/lang w/ piano mx, OM ancr (Lowe AR)
4950 1400 RMS Kuching: EE econ./political nx, mx (Howarth WA)(Hensley TX)
5005 1345 RMS Sibiu: u/lang w/ OM vocals, WVVH QRM (Lowe AR 1/1 323)

OMAN

15310 1500 BBC Eastern relay: EE w/ Big Ben, ID, world nx (Howell CA 12/31 343)

PAKISTAN

3915 1710 R. Pakistan: Christmas carols & sc mx, ID only as RP (McDonald HI)
4020 1405 RP Islamabad: Urdu? w/ local mx, YL ID, tlk (Howell CA 1/3 333)
5070t 2215 RP?: AA-like tlk, Iran, Pakistan, Islamabad mentioned, 2241* (Donly)
5110 1300 RP: IS, then into u/lang tlk, mx, cmtry, 1315* (Zilmer WI 12/29 322)
9460 1745* RP: Parsi, anthem, s/off (Wood NH 1/1)(EE @ 1815 Zilmer WI)
9465 2053 RP: Urdu? w/ mx, subcont. & mideast (Catalano NY 12/30)(Mayer CA)
11642 1815* RP: EE nx, // 9460 (Zilmer WI 12/18)(Famularo NJ)(Wood NH)
11677 2115 RP: Parsi tlk by OM, nx (Mayer CA 12/22 342)(Zilmer WI)
15325 0258 RP: IS, u/lang son, tlk Qu'ran (Maghakian CA 12/30 353)
15515 1330 RP: IS, u/lang tlk, mx, chants, // 17640 (Zilmer WI 12/29 333)
17665 1100 RP: IS, FF ID, nx, // 21625 (Mougenot FRANCE 12/28) @ 0752 Mayer CA)
17830 0339 RP: EE nx, then u/lang pgrm (Collins OR 1/6 454)
21590 0233 RP: EE w/ slo speed nx, // 17830 (Mayer CA 12/18 333)

PHILIPPINES

6110 1505 VOA: EE OM nx of the world (Smith JAPAN 12/12 222)
9590 1310 R. Veritas Asia: EE sprts nx, Christmas special, nx (Miller CA 12/23)
9605 1520 RVA: Viet tlk, mx, EE @ 1530 (Miller CA 12/23 433)
11765 0850 FEBC: EE OM w/ relig. tlk (Oakley 12/31 323)
11920 2158 FEBC: EE ID, then Indo pgrm (Rakow NJ 12/17 333)
15290 0015 VOA: EE w/ Breakfast Show, nx (Smith JAPAN 12/6 454)
15370 *0130 VOA: IS, ID, then into u/lang pgrm (Cereghin MD 12/23 141)
15410 0845 VOA: RR OM w/ tlk (Smith JAPAN 12/3 454)
15440 1431 FEBC: EE world nx, ID, Asian nx (Yacono NY 12/30 333)
15450 2335 FEBC: EE nx, then relig. pgrm (Rosewarne CA 12/29 333)(Famularo NJ)
17710 0000 RVA: EE s/on, freqs, "Thoughts in Music" (Donly SC 1/9 252)(Miller)
17810 0008 FEBC: EE mx, tlk, relig. pgrm (Maise LA)(Martin RI)(Hrivnak IL)++++



SA'UDI ARABIA

5877 2105 BSKSA?: AA folk mx, flutes, strings, drums, chorus, AA tlk (Peck 1/6)
6080 2048 BSKSA: AA w/ soft chants, ID, march mx, AA cmtry (Moore PA 1/4 353)
11685 0511 BSKSA: AA OM ID, mx, YL singing (Catalano NY) @ 1850 Collins OR)

SA'UDI ARABIA

11855 2155 BSKSA: EE w/ mideast mx, YL ID, buried by RCI @ 2157 *Yacono NY) (@ 1915 Peters KY)(Heath KY)(Mayer CA)(Donly SC) & no name.....
11870 0550 BSKSA: AA mx, ID "min Arabiyah Saudiyah", 0600 OM nx (Donly SC 1/7)
11940 1420 BSKSA: AA mx, prayers, lutes, "Holy Qu'ran Sta." ID, nx (Oakley CA)
11950 1950 BSKSA: AA ID by OM, "Itha'at'il Arabiya t'il Sa'udiya" (Peck/Magha-
15060 1730 BSKSA: AA tlk, orch. mx (Thompson NM)(Donly SC) kian NY)
21640 1735 BSKSA: AA OM tlk, Western mx (Dawson CA 12/18 343)

SINGAPORE

5052 1346 RS: soft mx, // 5010 (Lowe AR 1/1 423)(Thompson CA)
7180 1250 BBC Far East Relay, Kranj1: EE by Radio (Smith JAPAN)
9570 2300 BBC FE Relay: EE w/ world nx (Zilmer WI 12/17 433)
9725 0931 BBC FE Relay: EE w/ ID (Moore PA 12/29 252)
9740 1545 BBC FE Relay: EE World Service w/ nx, ID, mx (Miller CA)(Smith JPN)
11940 1615 RS: EE w/ pop vocals, orch. mx, freqs, ID, 1630* (Thompson NM 12/28)
17880 2351 BBC FE Relay: bow bells IS, OM ID for FE Relay, nx (Lowe AR 12/17)

SRI LANKA

4870t 1325 SLBC 2: Sinhala? tlk by OM, hollow drum, tent. ID @ 1329 (Lowe AR 1/1)
4968 1649 SLBC 1: EE ID, then Mozrt mx (McDonald HI 1/5 343)
11835 1120 SLBC: EE, Radio Monitors Int'l, freqs, 1130* (Schweikart VA 1/1)
11870 1815 SLBC: EE w/ request prgm, nx, pop mx (Mougenot FRANCE 12/27 433)
15120 1900 SLBC: EE w/ musical requests (Constantinides GREECE 12/10 444)
15185 0100 VOA Colombo: EE ID, nx, Bkfst Show, 0231* (Cucura PA)(Thompson NM)
15425 0230 SLBC: EE w/ birthday greetings, EE TCs (Koelble OH 12/31 454) (Pagano DC)(Novello NY)(Maise LA)(@ 1610 Constantinides GREECE)....

TAIWAN

3230 1438 BCC: CC OM /YL tlk, no jammer (Howell CA 12/21 433)
7130 1402 VOFC: YL/OM w/ ID, tlk (Thompson CA 1/1 544)
15345 0100 VOFC: EE cmtry on US dropping relations w/ Taiwan (Holmes TX 12/18) (Yajko PA)(Smith JAPAN)(@ 0300 Oakley CA).....
15425 0110 VOFC: EE nx, editorial, requests rpts (Baldwin NC)(Famularo)(Stone)+
17890 0135 VOFC: EE w/ Chinese mx (Dawson CA 12/18 354)(Oakley CA)(Yajko PA) (Peck NY 1/1)

TURKEY

6340 0512 Türkiye Polis Radyosu: Turkish folk mx, OM singing, Bulg. dance mx
7170 1530 VOT: Greek w/ nx, cmtry (Constantinides GREECE 12/31 444)
9515 2130 VOT: EE nx, DX Corner, rock mx (Pettit IA)(Webster AL)(Buhagiar ONT)(Radcliff IL)(Dubee CA)(Curtis TN)(Coleman MA)(Johnson FL).....
11955 *0400 VOT: IS, anth., Turkish ID, YL tlk, // 11965 (Famularo NJ)(Earhart)
15135 0630 VOT: Turkish w/ mideast mx, TPs, 0700 nx, positive ID 0900 (Brown IL)

U. S. S. R.

4050t 1207 Yuzhno Sakhalinsk: RR tlk, // 4485, 5015, not // 4610 (Lowe AR 1/4)
4520 0755 Palana: tlk in Koryak-Evenki?, classical mx, RR tlk (Uerlings OR)
4825 1330 Yakutsk: likely the one w/ u/lang tlk, no mx (Lowe AR 1/1.323)
4885 1200 Novosibirsk (L): nx in a Siberian language (Wood NH 12/20)
4975 1020 Blagoveshchensk: RR w/ drama, Fuzhou QRM (Smith JAPAN 12/3 323)
5015 1027 Vladivostok: RR w/ orchestral mx (Heath KY)(Olson CA)(Blalze LA)+++
1200 Arkhangelsk: likely w/ RR nx, not // 2/ co-channel Vlad. (Moore PA)
5065t 0525 Petrozavodsk?? w/ RR jazz, Armenian folk mx, TC (Peck 12/11 343)
5900 1455 2 stations, one in RR, one in EE to NAM (Smith JAPAN 12/12 424)
5930 1453 Irkutsk?: RR YL, beautiful mx (Smith JAPAN 12/12 454) JPN)
5960 1115 R. Moscow World Service via Vladivostok: EE political tlk (Smith
5970 0737 unid site w/ RR tlk, semi-class. mx, not // 4485 (Kamp CA 12/23)
6020 1420 Khabarovsk: Mayak prgm w/ chamber mx (Smith JAPAN 12/6 444)
6165 1600 RM via Vladivostok: CC w/ ID, nx (Wood NH 1/1)
6225 1520 unid site w/ Mayak prgm, RR nx, mx (Smith JAPAN 12/12 222)
7150 2330 R. Rodina via Lvov?: RR w/ ID, classical mx (Stone ONT 12/9)
7175 0515 RM via Petropavlovsk: EE tlk w/ Moscow Review (Chinakos WA 1/15)
7200 1437 Yakutsk: Mayak prgm w/ RR vocals, mx (Olson CA 12/28 544)
7215 2305 R. Vilnius via Vinnitsa?: EE tlk on RV, mx dedications (Brown IL)
7230 1350 unid site w/ RR OM playing blues records (Smith JAPAN 12/5 454)
7320 0731 Magadan?: RR tlk by OM, mx (Olson CA 12/26 242)
7335 1251 unid site w/ Mayak prgm, inst. mx, RR ID (Naylor CA 12/29 222)
7340 1535 Minsk?: RR 2 OMs w/ sporting event? (Smith JAPAN 12/12 454)
7345 1538 Yakutsk: RR w/ musical prgm (Smith JAPAN 12/12 434)
7350 1558 unid site w/ Mayak prgm, RR w/ violin sonata (Smith JAPAN 12/12)
7400 1552 unid site w/ Mayak prgm, RR ancr, piano concerto (Smith JAPAN)
9600 0544 RM via Moscow: EE tlk, folk mx, nx (Yutaka JAPAN 1/4 454) 29)
9620 0709 Vladivostok: RR w/ YL ID "Govorit Vladivostok", mx (Harada HI 12/
9665 1615 unid site w/ Mayak prgm, classical mx, YL ancr (Smith JAPAN 12/12)

U. S. S. R. (continued)

9790 0900 RM via unid site: IS, World Service ID, nx, NX and Views(Yutaka JPN)
11690 0301 R. Yerevan via Moscow: s/on Arm./EE w/ folk mx, EE nx (Maghakian CA)
11765 0425 RM via Irkutsk: CC mx, short tlk, IS, IDs, 0430 nx (Famularo NJ)
11840 0910 Yuzhno Sakhalinsk: RR w/ classical inst. mx (Olson CA 12/27 332)
12015a 1300 Radiostansiya Atlantika: IS, RR ID, tlk by YL/OM (Mougenot FRANCE)
15175 0230 R. Sta. Peace & Prog. via Irkutsk: CC OM w/ ID, IS (Smith JAPAN 12/6)
15180 0030 RM via Nikolaevsk: EE w/ Moscow Review, cmtry, mx (Olson CA 12/12)
15240 0130 R. Rodina via unid site: RR w/ ID, OM/YL cmtry (Stone ONT 12/15)
15450a 1400 Radiostansiya Rodina: IS, RR ID, tlk by OM (Mougenot FRANCE 12/27)
15480 0856 unid site w: RR OM/YL drama, songs, 0900 TC (Smith JAPAN 12/3)
21620 0700 R. Sta. Peace & Prog.: CC w/ ID "Hopin yu chinpu Kwangpo Tientai"
21635 0745 unid site w/ OM RR tlk (Smith JAPAN 12/3) / (Yutaka JAPAN)

Armenian S. S. R.

4990 0500 R. Atlán. or Rodina: IS, RR tlk (Maghakian NY 12/16)(Constantinides GREECE)

Azerbaijan S. S. R.

4785 2130 R. Baku: Azerbaijanian inst. mx, vocals (Buhagiar ONT)(Peck NY)

Georgian S. S. R.

5040t 0405 R. Tbilisi: RR tlk, classical/RR pop mx (Peck NY 12/10 333-)

Kazakh S. S. R.

5035 1455 R. Alma Ata: u/lang ancmts, IS, tlk (Uerlings OR)(CC @ 2130 Wood NH)
9780 *0100 Alma Ata 1: 2 anth., RR "Govorit Almata....dobroe utra" (Novello NY)

Kirghiz S. S. R.

4810t 2315 R. Osh: EL/disco-type mx, OM in u/lang (Blaize LA 1/1 222)

Turkmen S. S. R.

4930 *0130 Ashkhabad: RR w/ IS, ID (Famularo NJ)(Moore/Saylor PA)(Peck PA)

Uzbek S. S. R.

6025 *1200 R. Tashkent: IS, EE ID "RT Calling", very slow EE (Saylor PA 12/23)
9540 *1200 RT: EE nx, cmtry, // 6025, 9600 (Prath FL 12/24)(Peck NY)(Wood NH)
9600 1220 RT: EE tlk, IS, then 1230 u/lang pgrm (Earhart PA 12/11 332)

UNITED ARAB EMIRATES

9620 0437 V. of the UAE: AA cmtry w/ IDs (Pagano DC 12/25 555) 5551?, reb.

VIETNAM

4943 1217 Hanoi 1: Viet YL tlk (Lowe AR 1/4 333)
7375 1542 Hanoi 1: Viet? OM, mx pgrm, CW QRM (Smith JAPAN 12/12 423)
7512 1248 V. of Vietnam: YL tlk. in u/lang, local mx (Lowe AR 1/1 433)
10010 0054 VOV: Viet tlk, mideast mx (Catalano NY)(Lowe AR) @ 1525 Thompson CA)(Pimblett ALB)(Yajko PA)(Hickman OR).....
10040 1000 VOV: EE ID, freqs, nx, cmtry, 1026*, also @ 1533 (Dalum IN 1/6 342) (@ 1620 Pimblett ALB) @ 1825 Mayer CA)(McDonald HI) @ 2319 Lowe AR).
10060 2322 VOV: Viet? soft-voiced YL w/ tlk (Lowe AR 12/24 433)
11750 *1530 VOV: s/on w/ anthem, Viet YL/OM tlk on China (Famularo NJ 12/15 323)
12035 *1530 VOV: EE w/ "This is the VOV", nx of fall of Phnom Pehn (Kegel MD)
15009 1205 VOV: JJ nx by YL, mx, Viet lessons (Yutaka JAPAN)(JJ @ 1520 Peck NY)

YEMEN ARAB REPUBLIC

6135 0500 R. San'a': AA OM tlk, nx, singing (Oakley CA 12/4 423) any ID?, reb.
9780 *0258 RS: flute IS, AA ID, anth., Qu'ran (Lobdell MA 1/5) @ 2015 Heath KY)

P. D. R. YEMEN

7190 2150 DYBS: AA tlk, vocals, inst. mx, 2200* (Thompson NM 12/22 444)

OCEANIA



ANTARCTICA

6012 0740 AFAN-McMurdo: EE w/ pop mx, "Summer Nights", OM ancmts, best when)
R. Reloj not playing records, high geo. activity (Mayer CA 12/31 211)

RADIO AUSTRALIA

AUSTRALIA

4920 1240 ABC Brisbane: EE w/ popular mx, OM ancr (Earhart PA)(Cucura PA)
6005 1700 RA-Canarvon: EE nx, good @ local noon, CFCX was off (Wood 12/31)
6035 2200 RA-C: nx, IS, mx (Donly SC 12/27)(Saylor PA)(Wood NH) CA)
6045 1305 RA-Lyndhurst: nx by OM, tlk on oil prices (Coleman MA 12/19)(Naylor PA)
6060 *1530 RA-Shepparton: s/on, holiday mx, ID, freqs, nx (Famularo NJ 12/18)
6080 1155 RA-S: world nx (Snyder 12/29)(Mellinger NJ)(Maghakian NY)(Yajko PA)
7240 1229 RA-L: nx, wx (Yajko PA 12/26 333)
9505 1919 RA-S: "Focus on Australia", "Aust. Editorial Opinion" (Famularo NJ)
9570 1431 RA-S: OM reading world nx, ID (Yacono NY)(Yajko PA)(Smith JAPAN)
9580 1130 RA-S: "Aust. Tonite", "Aust. Snapshots" (Fraser MA)(Prath FL)+++++

AUSTRALIA (continued)

9610 1600 ABC Perth: local nx, wx, TC, ID (Rakow NJ 12/22 444)(Dubee CA) Hrivnak IL)(Yacono NY)(Schweikart VA)(Snyder NY)(Yajko PA).....
9660 0830 ABC Brisbane: comedy pgrm (Mayer CA 12/31 443)
9670 0745 RA-S: pop mx, OM DJ, // 9570 (Dubee CA 12/29)(Pettit IA)(Mayer CA)
9680 0822 ABC Melbourne: tlk on immunization pgrm, 0830 nx, TC (Mayer CA 12/31)
9770 1130 RA-S: ID, Australian nx (Snyder NY 12/29)(Dubee CA)(Oakley CA)
11740 0751 RA-S: pop mx, OM ancr (Webster AL 12/16 445)
11760 1024 RA-S: IS, Kookaburra, ID in EE, then CC pgrm (Smith FL 12/21 433)
11800 1800 RA-C: OM ID, freqs, world nx, mx (Hodsdon MA)(Stone ONT)(Hrivnak IL)
11855 *2300 RA-C: IS, TPs, s/on w/ ID, Indo pgrm, under WYFR (Famularo NJ 12/28)
11870 1718 RA: Aust. Editorial Opinion, holiday greetings, 1730* (Mayer CA)
11880 1101 RA-S: nx of Viets off Malaysia (Smith JAPAN)
11895 2328 RA-C: EE ID, into Thai pgrm (Wood NH 12/22)(Famularo NJ) CA)
15320t 0430 RA-S: nx of Taiwan buying wool (Byron NY)(Dubee CA)(Smith FL)(Miller
15425 0235 ABC Perth: nx & sports (Yajko PA 1/1 333)
17795 0110 RA-S: nx w/ mainpoints (Curtis TN 1/3 544)
21570 0926 RA-C: rock mx, nx, 0953* (Yutaka JAPAN 1/5 333)
21680 0730 RA-S: interviews, local & world nx (Smith JAPAN 12/3 353)
21740 0210 RA-S: Australian folk mx, OM ancr (Chinakos WA 1/2)(Dawson CA)++++

GUAM

11855 0015 KTWR: EE ID, address, relig. pgrm, hymns (Donly SC 1/9 242)
17830 *2300 KTWR: CC s/on, relig. mx (Kegel MD 12/17)(Donly SC) VA)
17855 *0000 KTWR: IS, then EE ID, relig. pgrm (Seymour NC 1/10 242)(Schweikart PA)

NEW CALEDONIA

7170 0730 R. Nounéa: FF DJ, brief ancmnts, holiday/pop mx (Tacoma CA)(Cucura

NEW ZEALAND

6105 0918 RNZ: EE w/ pop mx, OM ancr (Mayer CA 12/26 433)
11945 0545 RNZ: sportscall, cricket scores (Torre CA 12/27)(Zink CA)(Oakley CA)
15280 0500 RNZ: sports pgrm, relay ABC, // 15230, 15240 (Harada HI 1/1 454)
(Martin RI)(Blaise LA)(Yacono NY)(Koelble OH)(Curtis TN)(Peck NY)+++
17770 0301 RNZ: wx by YL, comtry, orchestra mx (Koelble OH 1/2)(@ 2240 Mayer)

PAPUA NEW GUINEA

2340 0905 R. W. New Britain: Pidgin? OM nx, mentions PNG (Mayer CA 12/26 322)
2428 0820 R. New Ireland: Pidgin OM vocals, chorus, ancmnts (Mayer CA 12/26)
3220 0846 R. Morobe: Pidgin w/ lite mx, OM ancts (Mayer CA 12/26 333)
3260 0907 R. Madang: Pidgin? OM tlk, mx (Mayer CA 12/26 322)
3275 0841 R. So. Highlands: Pidgin? w/ MOR mx, rock mx (Mayer CA 12/26 322)
3305 0827 R. Western: EE OM tlk, TC, local pgrm (Mayer CA 12/26 322)
3360 0811 R. Milne Bay: EE ID as NBC, R. Milne Bay, holiday mx (Mayer 12/26)
3385 0800 R. E. New Britain: Pidgin nx, pop mx, local mx, TC (Howard CA 1/1)
3925 0835 NBC, Poet Moresby: EE w/ rock mx, NSB QRM (Mayer CA 12/26 322)
4890 0855 NBC: EE w/ wx, nx, drum ID, PSAs (Lattemann WA 1/12 443)(Radcliff IL)(Webster AL)(Peters KY)(Earhart PA)(Blaise LA)(Hrivnak IL)++++

SOCIETY ISLANDS

6135 0430 R. Tahiti/FR 3: Polynesian mx, vocals (Findlater CA 1/2 232)
11825 & 0130 RT: FF/Tahitian w/ pop & island mx (Worrel ND)(Catalano NY)(Peck
15170 NY)(Blaise LA)(Hrivnak IL)(Prath FL)(Johnson FL)(Oakley CA)+++++

SOLOMON ISLANDS

5020 0735 SIBC: EE w/ local mx, ancmnts, nx (Snowden CA 12/20 222)(@ Dalum IN)(Heath KY)(Kegel MD)(Mayer CA).....

DATELINE

CAMBODIA - The latest external service sked form Phnom Pehn (subject to changes) lists the following: (2230-2300) in Viet, (2330-0000) in EE, (0000-0030) in EE, (0030-0100) in Mandarin, (1030-1100) in Viet, (1130-1200) in EE, (1200-1230) in EE, (1230-1300) in Mandarin, all on 6093, 9693.....BBCMS (copyright)

PAKISTAN - changes in RP's external sked issued last month include the following: Urdu WS (2345-0045) w/ EE nx is now (0130-0230) still on 17830, 21590; Farsi (formerly 1645-1745) is now (0130-0230) still on 15520, 17845; Urdu WS is now (0445-0700) still on 15520, 17665, 21625; AA is now (0515-0615) on 15325, 17830, 21730, and (1215-1315) on 15512, 17640, 21590, the (0515-0615) AA svce is discontinued; Turki svce (formerly 1215-1315) is now (0700-45), on 11885, 15325; Urdu WS (0715-1100) is on 17665, 21625, EE nx (1005-10); Hindi svce is now (0800-0915), Tamil (0915-45), both on 15520, 17750; Indo (formerly 0200-45) is now (1000-45) on 17895, 21715; Burmese (0045-0210) is discontinued; Urdu WS is now (1430-45) on 17640, in addition to the (1445-1600) transmission....BBCMS

That's all the room we have for DATELINE this month. Several reports arrived here for other editors this time, too late to forward to the proper editor, 73, 46

WORLD SERVICE STATION SKEDS PROGRAMMI

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PROGRAMS

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ENGLISH SERVICE

PROGRAMME SCHEDULE

Editor:

ORLA REESE
1639 Massachusetts St
Lawrence, KS 66044

Deadline: 15th

COMUNICATI NEL CORSO

AUSTRALIA, RA, EE to 4 March:
to Pacific Islands 6045 @ 0800-1000.
5995 @ 0700-0845 & 1000-2000.
6060 @ 1530-2030. 9505 @ 1800-2030.
9540 @ 2030-2200. 9570 @ 0700-0900.
9580 @ 1800-2200. 9670 @ 0630-1000.
11725 @ 1900-2130. 11740 @ 0700-0900.
11855 @ 1900-2200.
15160 @ 2100-2300, 0100-0500, 0600-0700.
15240 @ 2230-0730. 15320 @ 0400-0500, 0600-0930.
17795 @ 2200-2400, 0100-0500.
17890 @ 2200-0600. 21740 @ 0100-0330
Pap. N Guinea 6080 @ 1030-2030.
7240 @ 1230-2030. 9600 @ 2000-2200.
9570 @ 1130-1300, 1400-1730.
9760 @ 0700-0830.
11790 @ 0600-0845, 1000-1200, 2100-2300.
11880 @ 1100-1300, 1400-1730.
15355 @ 2330-0530. 17725 @ 0130-1000.
E Asia/NW Pac. 9570 @ 1130-1300, 1400-1730.
11880 @ 1100-1300, 1400-1730.
17725 @ 0130-1000.
S & SE Asia 6005 @ 1530-1730.
6035 @ 2100-2230. 9770 @ 1000-1730.
11705 @ 1000-1500. 11820 @ 2100-2330.
11865 @ 1500-1730. 15410 @ 2330-0300.
17870 @ 0130-1000. 21570 @ 0800-1000.
21680 @ 0000-0930.
Africa 15260 @ 0400-0500, 0600-0630.
21525 @ 0400-0500, 0600-0630.
U.K./Europe 9570 @ 0700-0900.
11740 @ 0700-0900. 11800 @ 1800-2000.
N America 9580 @ 1100-1300.
17795 @ 0100-0300. 21740 @ 0100-0300.
Dekeyser, Gant, Oakley.

BELGIUM, ORU, EE to 31 March:
2245-2330 9685 to S America.
2345-0100 6080, 9685 to N America. noname.

CHILE, VOC:
EE: 0100-0130 9630, 11890, 15140, 17800.
0230-0300 11890, 17800. 040000430 11890.
1100-1130 15110, 17715, 17815.
1400-1430 15110. 2030-2100 11780.
2330-2400 9630, 11720, 15140, 17800.
SS: 0000-0030 9630, 15140, 17800.
0130-0200 9630, 11890, 15140, 17800.
0300-0330 11890. 0430-0500 11890.
1200-1230 15110, 17815. 1530-1600 11760.
2000-2030 11765, 11780.
FE: 0030-0100 9630, 15140, 17800.
0200-0230 11890, 15140, 17800.
0330-0400 11890.
1230-1300 15110, 17715, 17815.
1600-1630 11760. 1930-2000 9520, 11760, 17715.
2300-2330 9630, 11720, 15140, 17800.
GG: 1900-1930 9520, 11760, 17715. continued in
2230-2300 9630, 9685, 11760, 11780. next column→†

CHILE, cont. Arabic: 1730-1800 17715.
2100-2130 9630, 11780.
Ital.: 1800-1830 9520, 11760, 17715.
2200-2230 9630, 9685, 11760, 11780.
Russian: 1130-1200 15110, 17715, 17815.
1500-1530 11760.
1830-1900 9520, 11760, 17715.
2130-2200 9630, 9685, 11780. Buhagiar.

CHINA, PEOP. REP. OF, RP, EE:
to N Am(E Coast):
0000-0200 17680, 15520, 15060.
0200-0300 12055, 15060, 17680.
1200-1300 9820.
to WCNA: 0300-0500 11685, 12055, 15060, 15300.
to Aust/NZ:
0830-1030 9460, 11600, 11720, 15045, 17635.
to SE Asia: 1200-1400 9290, 11650, 15270, 17805.
to S Asia: 1400-1600 9860, 11650, 15080.
to E & S Africa: 1600-1800 9860, 15670.
to W & N Africa: 1930-2130 7620, 9880, 11302.
to Europe: 2030-2230 6270, 6860, 7470.
Clark, Yajko.

CHINA, REP. OF (TAIWAN), VOFC, EE, to 3 Mar:
0100-0200 15345, 15425, 17890 to N America.
0300-0350 15345, 17890 to N America.
0100-0200 11825 to Aust/N Zealand.
2130-2230 9600, 9765, 11860, 15225, 17720 to
Africa/M East/Europe.
2140-2240 9685, 17890 to N America.
2140-2240 11825 to Aust/N Zealand.
Rzepka, Stroh.

CUBA, RH, to 5 March:
SS: 0000-0050 6060, 9765, 9685, 11760, 11970,
15340, 15230 to Americas.
0050-0200 6060, 9765, 11760, 11970, 15230,
15340 to Americas. to Americas.
0200-0300 9765, 11760, 11970, 15230, 15340↗
0300-0600 6060, 9765, 9525, 11970, 15230
to Americas.
1100-1645 9770, 9550, 11760, 15230, 17705,
17750 to Americas.
1645-1830 9770, 11760, 17750 to Americas.
1830-2050 9770, 17750 to Americas. Americas.
2200-2300 6060, 9685, 9765, 11760, 11970 to ↗
2300-2400 6060, 9685, 9765, 11760, 11970,
15230 to Americas.
0630-0730 15230 to Mediterranean.
0930-1045 15230 to Mediterranean.
1840-2040 15230, 17705 to Mediterranean.
EE: 0100-0450 11930 to Americas..
0100-0600 11725 to Americas..
0330-0600 11760 to Americas.
0630-0800 9525 to Americas.
2010-2140 17855 to N Europe.
2050-2140 9770, 17750 to Americas.
more Cuba on the next page.

CUBA, cont. FF:

0300-0330 11760 to N America.
0830-0930 15230 to Mediterranean.
1700-1840 15230,17705 to Mediterranean.
1900-2010 17855 to Europe.
Baker, Baldwin, Benjamin, Fraser, Grenier,
Hook, McWherter, Rzepka, Snyder, Somers,
Talbot, Yajko.

CZECHOSLOVAKIA, R Prague, EE:

0100-0157 5930,7345,9540,9630,11990 to N
America (also 0300-0357).
0730-0800 & 0830-0900 11855,17775,21700 to
S & E Asia/Pacific.
0830-0930(Sat-Sun) 11855,17775,21700 to S &
E Asia/Pacific
1430-1457 7345,9605,11990,15110,17705,17840
to S & E Asia/Pacific.
1530-1625 6055,7345,9605,11990,15110,17705,
17840 to Africa.
1630-1657 5930,7345 to U.K./Ireland.
1730-1825 5930,7345,9605,11990,17840 to Africa.
1900-1927 5930,7245,7345 to U.K./Ireland.
2000-2027 5930,7345 to U.K./Ireland.
2130-2200 6055 to U.K./Ireland.
Also, "Interprogramme Radio Prague" in EE @
0745,0845,0945,1045,1145,1245 on 6055 &
9505. Byron, Hook, Proom, Snyder, Somers.

FRANCE, RFI, EE "Paris Calling Africa":

@ 1700-1800 on 11705,11735,11845,11930,
15210,15300,15360,15425,17735,17795,17850,
17860,21580,21620. to 3 March.
Dekeyser, Koelble, Mellinger, Olson, Snyder.

GUAM, KTWR, EE to 3 March:

0000-0130 17855 to SE Asia.
1000-1057 11810 to Japan.
1430-1500 11850,15215 to SE Asia. All 100 KW.
Mellinger.

HAITI, 4VEH, bdcsts in EE @ 1100-1400(Sat-Sun),
1700-2000(Sun), & 2330-0030(Sat-Sun) on 9770,
11835(both 10 KW). They also state that they
are in the process of preparing a new schedule.
Stickle.

HUNGARY, R Budapest, EE:

0200-0230 6000,6105,9585,9833,11910,15220
(Tues-Sun) to N America. ⁷America.
0300-0330 6000,6105,9833,11910,15220 to N
0400-0415 6040,6105,9585,9833,11910,15220
(Wed,Sat) to N America(Calling DXers...)
1030-1100 7200,9585,9833,11910,15160,15220
to Australia/N Zealand/Japan.
1200-1220 6110,7155,9585,9833,11910,15160
(Mon-Fri) to Europe/Scandinavia.
1430-1500 6110,7200,9585,9833,11910,15160
(Mon-Fri) to Asia.
1515-1530 5980,6025,6110,7215,9585,9833
(Tues,Fri) to Europe(Calling DXers...)
2100-2130 5980,6025,6110,7200,9655,9833 to
Europe. Talbot.

INDIA, All India R., Gen. Overseas Svce(EE):

2245-0115 to E Asia.
1000-1100 to NE Asia/Aust/N Zealand.
1330-1500 to SE Asia.
1745-2230 to U.K./W Eur.(1745-1945);E,W, & N
Africa(1945-2045);Aust/N Zealand(2045-
2230). Schedule doesn't list freqs(for
some reason). Byron.

ISRAEL, IBA, EE, to 4 March:

0500-0515 9833*,11638*,11655*+;21495+.
1200-1230 11655*,15405*,15530+,17685*,
21495*.
2000-2300 9009\$,9425\$,9815*,11655*,17685\$.
2230-2300 7212*,9435\$,9815*,11655*.
[*=N America/W Eur;#=ECNA/Carib;+=S & E Asia;
\$=Africa;+=Australia]
Ewing, Stickle, Vollrath.

ITALY, RAI, EE thru February:

0100-0120 6010,9575 to N America.
0350-0410 9630,9710,11905 to S Asia.
0425-0440 6075,7275 to Mediterranean.
1935-1955 7212,7290,9575 to U.K.
2025-2045 6050,7290,9575 to Near East.
2200-2225 5990,9710,11905 to Japan.
Somers.

JAPAN, NHK

0100-0300 15195,17725,17825,21640 to Americas
Hawaii(30'JJ,60'EE,30'SS).
0630-0830 17825,21535 to Europe(15'Swed;15'
Ital;30'GG;30'FF,30'EE).
0930-1030 11875,15235 to Aust/NZ(60'EE). 30'RR)
1800-1930 9605,11950 to Europe(30'GG,30'EE,
2345-0045 15270,17825 to N America(60'EE).
General Svce.[half EE, half JJ]:
0000-0030 9585,15195,17755.
0100-0130 15310,17755,17880. 17880.
0200-0230,0300-0330,0400-043015105,15310,
0500-0530 9505,15310,17880.
0600-0630,0700-0730 9505,17795,17880.
0800-0830,0900-0930 9505,15195,17795.
1000-1100,1100-1130 9505,9585m15195.
1200-1230,1300-1330,1400-1430,1500-1530,
1600-1630,1700-1730,1800-1830 9505,
9585,11815. 15105.
1900-1930,2000-2030,2100-2130 9585,11815,
2200-2230,2300-2400 9585,15195,17755.
Buhagiar.

KOREA, SOUTH, RK, EE to N America:

0630-0700 9640. 1600-1630 9640,9720.
1800-1830 9720. 2000-2030 11860. no name.

KUWAIT, R Kuwait,

EE: 0500-0800 9650 (to Arab. Gulf),17820
(E,SE Asia).
1800-2100 9650 (Arab. Gulf),12085(Europe),
15345(Europe).
Urdu: 1600-1800 9650 (Arab. Gulf).
Persian: 0800-0955 9650 (Arab. Gulf).
Stickle.

NETHERLANDS, RN, EE thru April:

0230-0325 6165B,9590B to ECNA.
0530-0625 6165B,9715B to WCNA.
0700-0720 11720L,15235L,17700L to W Africa.
0730-0825 9715B,9770B to Aust/NZ/Pac.
0830-0925 9715B to Australia.
0930-1020 5955L,6045L,7240L,9895L,11930L
to Europe.
1330-1420 5955L,6020L,6045L,9895L,11930L
to Europe.
1430-1525 11740M,17855M to S & E Asia.
1830-1920 6020M,11730M,17700L to C,E & S Af.
2030-2120 11730M,11740M,15220L,17810B,
26140B to W & C Africa.
L=Lopik,M=Madagascar,B=Bonaire.
Bunagiar, Somers.

NORWAY, RN, EE, to 3 March:

Sunday 0800-0830 9590(Pac),11850(F East/Aust),
21730(F East).

1200-1230 6015(Eur),17840(Indon./Aust),
21740(M & F East/Indon./Aust).

1400-1430 9605(Eur/Afr),17840(N & C Am),
21730(Eur/M East/E Africa).

1600-1630 15175(WCNA),17715(N & C Am),
21730(Eur/Africa/S America).

1800-1830 11895(N & C Am),11935(Africa),
15345(Africa).

2000-2030 9590(Pac),11870(Pac),15175(Africa).
2200-2230 9590(N & C Am),9645(N & C Am),
11870(C & S America).

Monday 0000-0030 6015(N & C Am),9590(N & C
Am),11870(S America).

0200-0230 6005(N & C Am),9590(NA),9645(WCNA).
0400-0430 6015(N & C Am),9550(WCNA),
9610(Pacific).

0600-0630 9645(WCNA),11850(M East/E Africa),
15175(M East/India/E Africa). Fraser.

PHILIPPINES, R Veritas, EE to 4 March:

0000-0030 11725,15275,17710 to SE Asia.

0300-0330 15135,15275,17710 to India.

1130-1200 9590,11805,15165 to SE Asia.

1300-1330 9590,11955,15165 to India.

Also JJ to Japan:

2130-2200 9740,11725,15275.

1030-1100 9605,11805,15215. Donly.

INDONESIA(sorry about the order), from QSL:

EE 0100-0200,0800-0900,1400-1500;Indonesian
0200-0300,1100-1200;GG 1530-1600;Malaysian
0900-1000;Mandarin 1000-1100;JJ 1200-1300;
FF 1300-1400;Thai 1500-1530;Arabic 1600-
1700. Freqs are 7110 & 11790. Donly.

POLAND, PR EE thru May:

to N Am 0200-040019,25,31,41,49mb(EE/Pol).

0630-0700 31,41,49 mb. Freqs.=5995,6095,

1200-1230 41,49 mb. 6135,6155,7125,7145,7270,

1600-1630 31,49 mb. 7285,9525,9540,9675,

1830-1900 41,49 mb. 11840,11815,15120,15275.

2030-2100 41,49 mb.

2230-2300 41,49 mb.

to Af 1230-1300 19,25,31 mb.

1630-1700 25,31,41 mb.

1700-1730 31,41,49 mb.

2000-2030 31,41 mb. Baldwin, Kegel, Worrel.

PORTUGAL, RP, EE:

0300-0330 & 0500-0530 6025,11935 to N America.

1400-1430 & 1600-1630(Mon-Sat) 17895 to

India/ M East.

1800-1830(Sun 1700-1730) 15340,17880 to

Africa.

2030-2100 6025,9740 to Europe. Baldwin.

ROMANIA, R Bucharest, EE:

0130-0230 5990,6155,11840,9570,9690,11940,

15255 to N America.

0400-0430 5990,6155,11840,9570,9600,11940,

15255 to N America.

0530-0600 9685,11830,15365 to Africa.

0645-0715 11940,15255,15340,17805 to Pacific.

1200-1230 15345,17890 to Asia.

1300-1330 9690,11940,15250 to Europe.

1500-1530 11940,15250,17805 to Asia.

1730-1800 11790,15365,17720 to Africa.

continued in the next column

ROMANIA, continued

1930-2030 7195,9690 to Europe.

2100-2130 5990,7195 to Europe. Byron.

SOCIETY ISLANDS (TAHITI), FR3: brdcsts on

11825 & 15170(both 20 KW) w/: FF @ 0600-

0730,1600-2045,2200-0300; Tahitian @ 0300-

0600,2045-2200. There is EE nx. @ 1900 on

Sundays. Forrester, Rakow.

SOUTH AFRICA, SABC:

Radio 5 brdcsts in Afrikaans & EE @

0300-0530 3320; 0530-1530 7170; 1530-2200

3320.

English Svce: to SW Africa

4835 @ 0358-0635 & 1620-close down(Mon-Fri),

0430-0635 & 1520 close(Sat),0500-0635 &

1520-close.

11790 @ 0635-1520(daily).

to NW Cape 3965 @ 0358-0520(Mon-Fri),0430-

0520(Sat),0500-0520(Sun),1620-close(daily).

9680 @ 0520-1620(daily).

Springbok Radio, in EE & Afrikaans:

to SW Africa 4810 @ 0300-0637(Mon-Sat),

0400-0637(Sun),1522-2200(daily).

11935 @ 0637-1522(daily).

to NW Cape 3980 @ 0300-0522(Mon-Sat),0400-

0522(Sun),1622-2200(daily).

9710 @ 0522-1622(daily). Koelble.

SWITZERLAND, Red Cross B. Svce, EE:

Feb 26, March 26, April 23, May 28, June 25,

July 23, August 27, Sept 24, Oct 29, Nov 26,

Dec 24 @ 0600-0700,1130-1230 & 1700-1800 on

7210. Clark.

U.S.S.R., Radio St. Peace & Progress, EE

to Asia: 1300-1330 11720(Tula),15175(Irkutsk),

15330(Tashkent),17710 & 21575(both Moscow).

1330-1400 9695(Frunze),9775(Michurinsk),

11720(Tula),12075(Alma Ata),15460(Moscow).

1430-1500 9675(Armavir),9730(Tula),11765

(Leningrad),15460(Moscow).

1530-1600 7150(Chita),7165(Serpukhov),9565

(Frunze),9580(Kazan),9655(Armavir),11820

(Frunze),12075(Alma Ata).

Oakley, UHN.

Also from the UHN,R. Tashkent brdcsts in EE

to S Asia @ 1200-1230 & 1400-1430 on 5975,

6025,9540 & 9600.

Subscription rate for the UHN is \$3 for 12

issues. Address:Roger Legge, Box 232, McLean,

Va 22101. Its well worth it.

A few quickies from BBC Monitoring Svce, used

by permission:A clandestine in N Korea, "Voice

of the Revolutionary Party for Reunification"

brdcsts in EE @ 1400-1430 on 4120 & 4557, &

2230-2300 on 4557....R Baghdad still on 11935

to NA @ 0300-0400....B.S. of Kingdom of Saudi

Arabia @ 1100-1250(from 1000 Thur,Fri) in EE

on 11855 to NE & C Af, &1900-2000 on 11855 in

EE to NE & C Af. I'm just fitting it in bare-

ly again. I'd like to remind people to put

their names on their skeds. I had a few prob-

lems w/ that this month (some didn't even have

return addresses to match names with. I tried

to use a few more foreign langs. than usual

this month, because a few people would like to

see more than EE. Any comments or suggestions

on this? Have a great month! 73s. *Orla*

Editor:

KEN COMPTON
7 Mount Vernon Street
Brighton, MA 02135

Deadline: 15th



MATERIAL FOR THE NEXT EDITION OF THE SPEEDX UTILITY GUIDE: We've received a considerable quantity of new material but are still looking for more. Especially: xeroxes of your best QSLs, particularly those of stations less frequently QSL'd, so send us a copy of that rare, prized one in your collection! If you have a particularly decorative or effective Prepared Form Card that you use, we'd like to have a variety of those, so send us an example of the completed ones you've received back.

We also need a volunteer to do the Point-To-Point Sta/Freq List---a typist with typewriter: if you'd like to tackle this, write me. We'll provide complete instructions for doing a bang-up job plus lots of moral support!

U.S. AIR FORCE EASTERN TEST RANGE: The overseas Eastern Test Range Bases are called Auxiliary Air Force Bases (Aafb). They are numerous in the Caribbean: Grand Bahama Aafb (includes West End site), Great Stirrup Cay, Marsh Harbor, San Salvador Aafb, Grand Turk Aafb, and Eleuthera Aafb. Others are on Ascension Island, on Fernando de Noronhan Island off Brazil, Antigua, and in the Seychelles.

The best and fastest way to QSL these bases is through the home station supply, Patrick AFB, FL 32925. On most of the islands the airport control towers are run by Pan American World Airways, but normal communications are run by RCA Service Co. Typical addresses are:

Communications Center
RCA, c/o PAA
Grand Bahama Aafb
Patrick AFB, FL 32925

Airport Control Tower
PAA
Grand Bahama Aafb
Patrick AFB, FL 32925

To QSL missile tracking ships, usually with a T-AGM #, try the same address but with the name of the ship. (EMIL KASPRZYK, JR.-TX)

NEW JBO FREQS: JBO, Tokyo Radio (KDD - Oyama) has issued the following new frequency list, sent to us by HIROSHI SAITO-JAPAN. The QTH is Oyama, Toshiba Pref., Japan. Xmr power is 10kw, mode SSB(A3A, A3J). Contact times are 0030, 0230, 0430, 0630, 0830, 1030, & 1230 GMT. Freqs in khz:
4431.8 4376 4434.9 8753 8746.8 8777.8 13134.9 13119.4 13153.5
17257.7 17242.2 17329 22704.5 22676.6 22716.9

WWV 20MHZ REACTIVATED: On December 1, 1978, WWV resumed its 20 megahertz transmission due to improved propagation conditions. WWV will use the 20mhz outlet as long as propagation remains good enough to render it usable. (JOHN CEREGHIN-MD)

QSLs All freqs in khz

- BARBADOS: 8FO C&W 8449 cd in 77d for IRC (Beauregard-QUE)
- BERMUDA: NOL USCG LorMon 9278.5 8x10 color cd+f/d ltr 26d ms (Ehret-PA)
- CHILE: CCS Navy Santiago 6480 cd f/d in 34d for IRC (Ehret-PA)
- CENTRAL AFRICA: FCR Bangui 11030 f/d ltr in 26d for 4 IRCs (Peters-MANITOBA)
- ENGLAND: GYA Whitehall Naval R. 8493.235 f/d ltr 20d for ms (Proom-ENGLAND)
- FINLAND: OFJ Helsinki R. 16923.6 29d for IRCs (Beauregard-QUEBEC)
- GERMANY, W.: Norddeich R. 4265 refusal ltr 20d for no RP (Proom-ENGLAND)
- HOLLAND: PCH71 Scheveningen R. PTT 22539 f/d color cd 42d IRC (Ehret-PA)
- PCH60 PTT Scheveningen R. 16900 f/d cd in 63d for IRC (Saito-JAPAN)
- PBC317 Navy 17117.6 date/freq only ltr in 69d for IRC (Saito-JAPAN)
- ICELAND: TFA PTT Reykjavik R. 8690 f/d cd in 55d for IRC (Saito-JAPAN)
- ITALY: Rome Medical R. 8685 date/freq cd & pamphlet 15d IRC (Saito-JAPAN)
- ICB I.P.T. Genoa 12978 f/d ltr in 66d for IRC (Saito-JAPAN)
- IQX I.P.T. Trieste 17084 date/freq only ltr 30d for IRC (Saito-JAPAN)
- ITALCABLE Rome 20430 f/d world map cd in 63d air for 3 IRCs (Peters-MAN)
- JAPAN: JJY R.R.L. Tokyo f/d color cd 15d for ms (Tsukahara-TOKYO)

STANDARD FREQUENCY
AND TIME-SIGNAL STATION

郵便はがき

375-□□



小金井局
料金後納
郵便

塚原正史殿

茨城県石岡市丘崎 3144 11

Dear
報告ありがとうございます。
Thank you very much for your report. Your reception of
標準周波数および時刻信号の受信は
Standard Frequencies and Time Signals

Carrier frequency	Time of reception
5000 kHz.	15h 30m 5h 30m (UTC)
10000 kHz.	70000 kHz. JSTP
50000 kHz.	

TRX FR UR RPT

Thanks to Masashi Tsukahara-JAPAN

- JDE NT&T Nagasaki R. 16877.5 cd in 28d air for IRC (Beaugard-QUEBEC)
- MADEIRA: CUB CPRM Madeira R. 6393.5 cd in 19d for IRC (Beaugard-QUEBEC)
- MARINIQUE: FFP3 PTT Fort de France f/d ltr in 30d for IRC (Saito-JAPAN)
- PANAMA CZ: Albrook AFB 11176. B&w f/d cd in 19d air for ms (Ehret-PA)
- PORTUGAL: CTP NATO Ceiras 3549 f/d ltr in 20d for ms (Proom-ENGLAND)
- CUC9 CPRM Lisbon f/d cd in 23d for IRC (Saito-JAPAN)
- SWEDEN: SAG6 Göteborg R. 12880.5 color map cd 40d for IRC (Ehret-PA)
- TAIWAN: KSY Hualien R. 8546 PFC in 10d for IRC (Tsukahara-JAPAN)
- XSW Kaohsiung R. 8582 f/d ltr in 11d for IRC (Saito-JAPAN)
- XSX Keelung R. 12695.5 f/d ltr in 42d for IRC Tsukahara-JAPAN)
- USA: NMX USCG Cape May NJ 2182 f/d PFC in 9d for ms (Russell-IL)
- NMW USCG Astoria OR 2670 PFC in 10d for ms (Brick-TX)
- NMC11 USCG Humboldt Bay CA 2670 PFC in 9d for ms (Brick-TX)
- NMG15 USCG Grand Isle LA 2671.4 PFC 6d for ms (returned). Asked for more reports. (Brick-TX)
- NOY USCG Galveston TX 2671.4 PFC in 7d for ms (rtrnd) (Brick-TX)
- NOK USCG Key West FL 2678 PFC & pamphlet 7d for ms (rtrnd) (Brick-TX)
- WDR Miami Marine Op 2698 No data, 2 booklets for SASE (George-TX)
- NMA10 USCG Mayport FL 2671.4 PFC in 9d for ms (Brick-TX)
- WJG Bell Tel Memphis TN Ltr & pamphlet in 21d for ms. Requested my help in propagation test. (Brick-TX)
- NMW USCGAS Astoria OR 5692 PFC in 12 d for ms. (Brick-TX)
- NMC USCG San Francisco R. 6383 f/d color cd 54d for no rp (Ehret-PA)
- NMF USCG Boston R. 8459 color cd f/d in 8d for no rp (Ehret-PA)
- WOM ATT Ft Lauderdale FL 13116.2 date only cd 12d for ms (Maise-LA)
- WSY70 NY VOLMET 15272 ltr in 10d for ms (Maise-LA)
- HAWAII: WVVH Kauai 10000. Date/freq cd in 65d for IRC (rtrnd) (Proom-ENG)
- JAPAN: JG2AE MPT Tokyo 8000 f/d pc 143d for IRC (Forsman-CA)
- SHIPS: USS Barbour County LST1195 NNGQ 4067.5 PFC 15d ms (Chabak-AZ)
- NAVY USS Johnston DD-321 2670 PFC, photo + USN shoulder patch in 28d for ms (Brick-TX)
- NETM USCGC Polar Star 6506.4 PFC in 20d for ms (Brick-TX)
- GNIM SS Esso Ulida tanker 12330 PFC 108d air for ms (A.Mason-ONT)
- 62YT Mobil Magnolia tanker 12330 ltr 49d air for IRC. 1500w.(A. Mason)
- GCWE SS Texaco Singapore 12580 ltr 42d for IRC (rtrnd) 1400w.(A. Mason)
- TT Sea Serenade supertanker 22015 PFC 84d for IRC. 1600w.(A. Mason-ONT)

ELCE Esso Caribbean 22012.5 tanker PFC in 53d for IRC (A.Mason-ONT)
 GCHY Texaco Rochester 22015.5 tanker PFC 47d for ms (A. Mason-ONT)
 GNUB Texaco Denmark tanker 22015.5 ltr 84d for ms (A. Mason-ONT)
 GRIQ SS British Pride 22015.5 ltr 59d air for ms (A. Mason-ONT)
 MMNS SS Texaco Bombay 22015.5 ltr 120d air for IRC (A. Mason-ONT)
 6ZHS K.H. Crandall tanker 22234 PFC in 33d for ms. 250w. (A.Mason-ONT)
 AIRCRAFT: CG#1471 5692 PFC in 12d for ms. Also CG# 1475 & 1497 PFCs in 12d
 for ms. (Brick-TX)
 CG#1386, 1432, 1434, 1450, 1493 & 1504 5696 PFCs in 7 to 14d ms (Brick)
 Lark 73 WC135 8989 nr Anchorage AK PFC 13d ms. 400w. (Chabak-AZ)
 AA704 S-3A Viking 8993 PFC in 12d for ms. SW of Bermuda. (Chabak-AZ)
 King 65 11176 PFC in 19d for ms. 125w. Nr Talkeetna, AK (Chabak-AZ)
 Swan 21 WC-130H 11176 PFC in 12d for ms. 400w. Nr. Guam (Chabak-AZ)
 AF Rescue 50975 HC-130H 11182. PFC in 10d for ms. 400w. (Chabak-AZ)
 King 36 HC-130P 11182 PFC in 25d for ms. 400w. (Chabak-AZ)
 NE702 S-3A Viking 11182 PFC in 11d for ms. 500w. (Chabak-AZ)
 Gull 22 USAF WCH-130H 11228 f/d ed in 135d for ms. (Russell-IL)



DEPARTMENT OF TRANSPORTATION
 UNITED STATES COAST GUARD

MAILING ADDRESS:

Commanding Officer
 USCG LORMONSTA
 BERMUDA, U.K.
 #PPO New York, N.Y.
 09560

27 Nov 78

Mr. Paul Ehret
 190 Mill Road
 Schnecksville, Pa.
 18078

Dear Sir:

This letter is to "QSL" your report of reception from 0132Z to 0138Z on 03 Nov 78. The actual text of the transmission was "CAPE RACE LORAN" (repeted twice)"THIS IS BERMUDA MONITOR" (twice).

We have only one daily scheduled broadcast starting at 1330Z (gmt) on either 9278.5 khz or 11513.5 khz, this scheduled broadcast is for our daily 'check in' for testing our ssb comms. Our primary source of communications is via landline teletype, with SSB voice/radio teletype as a backup system. Our radio transmitters are Scientific Radio RT-1033/URC-77's with a linear power amplifier and utilize a long wire antenna, our receivers are Collins Radio COL-651S-1A which use either a log periodic or a whip antenna.

The mission of the loran monitor station is to operate and maintain Loran-C and Omega Monitoring equipment for the purpose of observing and checking radio navigation signals transmitted by specific transmitting stations. At the present time the facilities of this station are employed by the East Coast Loran-C Chain which consists of a primary station (M) at Carolina Beach, N.C. and four secondary stations located at Jupiter Fla (W), Cape Race Nfld Canada (X), Nantucket Island (Y), and Dana Ind (Z). This station has primary control on W,X, and Y, measuring the accuracy and stability of synchronization and directing corrections to maintain the observed time differences to be within assigned tolerances. This unit also maintains an active monitoring role in the Omega navigation system, by monitoring twelve lines of position from freq's 10.2, 12.6, and 11.3 khz. Omega is a VLF system of navigation similar to loran.

This station was opened in 1962 and is scheduled to discontinue operations in 1979, the Coast Guard station is located on Tudor Hill in Southampton parish, on the western end of the island.

Thank you for writing us and let us know if you hear us again.

W.D. BROWN II ET1, USCG
 BY DIRECTION

MORE SHIPS: LNRO Sjholt bulk carrier 2182 ltr 38d for IRC (Holbrook-MD)
 8368.6 GOOB Dart America PFC in 40d for IRC. 1.4kw. (Holbrook-MD)
 8363.6 JFJY Trident Rotterdam freighter PFC 60d for PFC. 1.5kw(Holbrook)
 22229 GNUQ James E. O'Brien supertanker PFC<r 59d for PFC (Holbrook)
 22232 5LPV Energy Vitality supertanker PFC 30d for PFC. 500w(Holbrook)
ALASKA: NOJ USCG Kodiak .6506.4 PFC & ltr f/d 14d for ms (Russell-IL) NEW
 ADDRESS: Commanding Officer USCG CommSta Box 17 Kodiak, AK 99619
 NRW1 USCG Loran Cape Sarichef 6506 PFC & info 30d for ms (Brick-TX)
ARGENTINA: Gen. Pacheco R. 6212.5 ENGOTEL f/d ltr 45d for IRC (Forsman-CA)
AUSTRALIA: VIX RAN Canberra 8478 f/d ltr & color photo 16d IRC(Tsukahara-J)
 VNG TelAus Lyndhurst 12000 f/d fldr cd in 38d for IRC (Tacoma-WA)
 VIP30 OTC Perth 13074 f/d cd in 11d for IRC (Tsukahara-J) NEW ADDRESS:
 P.O. Box 21 Balga W.A. 6061 AUSTRALIA
 VHP RAN Canberra 16918.8 ltr in 23d air for IRC (Beauregard-QUE)

When sending your QSL reports be sure you include all necessary data:
 Country, City, Operating agency of the station, frequency, type of QSL---
card, letter or PFC, elapsed time to receive, return postage sent, etc.
BE SURE YOUR LAST NAME & STATE IS ON EACH INDIVIDUAL QSL REPORT!!!

All times GMT LOGGINGS All freqs in khz
 When sending your loggings to the Utility Report, P L E A S E check
 them over for accuracy & completeness before mailing! Far too many must be
 discarded every month because of obvious error, illegibility, and incom-
 pleteness. Be sure to include the operating agency of the station: Com-
 pany, national agency, Army, Navy, or whatever. If possible, get an
 accurate freq from the SUG or other source & try to not force me to look
 these things up. If there are too many to look up, it becomes impossible
 and the temptation just to discard the incomplete loggings is great!

NORTH AMERICA

ALASKA:	6506.4	0208	NOJ USCG Kodiak Pac wx fcst, tfc USB (Coleman-MA)
		0650	NRW USCG Loran Cape Sarichef wkg NOJ USB (Russell-IL)
	11176	0235	AKA Elmendorf AFB OM EE wkg CG#1600 USB (Chabak-AZ)
CANADA:	6946.5	0820	CKN Navy Vancouver 3C V mkr CW (Dawson-CA)
	15035	2045	GJA St Johns Military Nfld OM aero wx USB(Stone-ONT)
	22400a	1340	CFH Navy Ellerhouse NS V mkr CW (Proom-ENGLAND)
MEXICO:	12706.5	2109	XFL Mazatlan de Sinaloa R. CQ mkr CW (Forsman-CA)
U.S.A.:	2490	0358	WDR Miami Marine Op YL wkg "Queen of the Waves" USB (George-TX)
		2530	KQP So. Bell T&T Galveston TX marine tfc LSB(Maize)
		2566	WJO So. Bell Charleston WV YL EE tfc USB(Fraser-MA)
		2590	WOX AT&T NYC YL EE wx fcst USB (Fraser-MA)
		2670	NMY USCG New York NotMar & wx USB (Fraser-MA)
		3001	WSY70 NY VOLMET OM EE aero wx AM (Cereghin-MD)
		3347a	WAR US Army Ft Bragg NC (no longer at the Pentagon- Ed.) V mkr CW (Coleman-MA)
	4067.5	0810	USS Point Loma OM EE wkg San Diego USE (Chabak-AZ)
		0828	USS Fort Fisher LSD-40 OM EE wkg San Diego USE (Chabak)
	4360a	0445	ICSB4 San Diego YL EE wkg USS Enterprise USB(Chabak)
	4428.7	2230	NMN USCG Portsmouth VA wkg "John Henry" USB(Cereghin)
	4509	0236	KOF428 Oregon CAP OM EE wkg net USB (Boehm-TX)
	5692	0803	USCGAS Arcata CA OM EE wkg CG#1362 USB (Russell-IL)
		0813	NOE USCG Northband OR OM EE wkg CG#1362 USE(Russell)
		0320	NOF USCGAS St Petersburg FL wkg #14881 USB(Russell)
	5870	0516	NAR USN Key West FL multicall mkr CW (Boehm-TX)
	6924.5	0323	KKN50 State Dept Intell Svc DC mkr CW (Koelble-OH)
	8291.5	0721	WBE Jacksonville FL OM wkg tuc "Mariner" (Chinakos-WA)
	8465	2125	NMF USCG Boston R. CQ mkr CW (Koelble-OH)
	8630	2117	WCC RCA Chatham MA V mkr CW (Koelble-OH)
	8968	2234	Boeing Seattle WA OM EE wkg AF 125 USB (Russell-IL)
	9905	0230	WOM ATT Manahawkin NJ OM EE vm USE (Maise-LA)
	20000	2117	WVW N.B.S. Boulder CO CUT Time BACK! AM(Cereghin-Md)
	23265	1715	AFA Andrews AFB MD OM EE wkg SAM86972 USB(Russell-IL)
	4428.7	0340	NMN USCG Portsmouth clg "Zapata Ranger"(Fitzgerald)

CARIBBEAN

BERMUDA:	25420a	1655	VRT C&W St George V mkr CW. Harmonic? CW(A.Mason-ONT)
CUBA:	22396	1540	CLA IRTS Havana CQ mkr CW (Proom-ENGLAND)
DOMINICAN REP.:	6596a	0301	Santo Domingo Aeradio OM SS wkg acft(Fitzgerald)
GUANTANAMO:	13765	2330	NAW USN OM EE tfc USB (Dawson-CA)
JAMAICA:	5696	0113	6YX USCG Kingston OM EE wkg CG Miami USB (Brick-TX)
MARTINIQUE:	8478	0924	FUF French Navy Fort de France V mkr CW(Dawson-CA)
PUERTO RICO:	12700	0240	NMR USCG San Juan CQ mkr CW (Coleman-MA)

CENTRAL AMERICA

BELIZE: 11234.5	2252	"Belize Flight Watch" RAF c/q Acot 2125(Devendorf)
COSTA RICA:8478	0220	TIM Limón R. V mkr CW (Osterman-OH)
PANAMA CZ:8959	0708	WHZ70 IFSS Balboa CM EE wkg Braniff 920 USB(Chabak)
12880a	2115	NBA USN Balboa CQ mkr CW (Osterman-OH)
<u>SOUTH AMERICA</u>		
ARGENTINA:8758.4	0950	LFD Gen. Pacheco R. CM SS vm USE (Dawson-CA)
BRAZIL: 8502	0231	PFL PTT Salinopilia V mkr CW (Osterman-OH)
12753	2150	PWZ USN Rio V mkr CW(Osterman)ZZZ" tfe (?) (Coleman)
12943.5	0820	FFJ EMBRATEL Juncao R. V mkr CW (Dawson-CA)
URUGUAY:16865	1708	CWA V mkr CW (Pagano-DC)
VENEZUELA:6100	0106	YVTO Obs Cagigal Caracas time tick CW (Olson-CA)
		0447(Cereghin-MD) 0955 OM SS ID AM (Saylor-FA)
<u>EUROPE</u>		
ALBANIA: 8696	0500	ZAD2 Durres PT R. V-CQ mkr CW (Herkimcr-NY)
AZORES: 4746	0614	CUW Lajes AFB wkg X6CH patch to metroUSB(Chabak-AZ)
5446.5	0645	Santa Maria aeradio CM wkg Shanwick USB (Russell-IL)
BELGIUM: 8652	0725	Ostend R. V mkr CW (Proom-ENGLAND)
18893	1855	RIT Brussels YL EE/FF/? vm USB (Ireland-TN)
CYPRUS: 6750	0539	MKE RAF Akrotiri CM EE wx info SSB (Osterman-OH)
CZECHOSLOVAKIA:3170	0400	OKE OLB5 Astro Inst Prague time tick CW (Saylor-PA)
11391	0720	OKL Prague VOLMET YL EE aero wx AM (Proom-ENGLAND)
DENMARK:25265a	1542	OKZ95 Lyngby R. V mkr CW (A. Mason-ONT)
ENGLAND: 2812a	0555	GYA Whitehall Naval R. London ID mkr CW(Proom-ENG)
5680	0825	Plymouth Rescue CM wkg Rescue 14 USB (Russell-IL)
6413	0340	GYC Whitehall Naval R. ID mkr CW (Thompson-NM)
6750	0847	AJE Croughton USAFB YL EE wkg C8DH USB (Chabak-AZ)
10000	2049	MSF N.P.L. Teddington time tick CW (Walters-NJ)
ESTONIAN 3R:8475	0410	UAH Tallinn R. CQ mkr CW (Godbey-FL)
17073a	1105	UAH PTT Tallinn R. CQ mkr CW (Proom-ENGLAND)
FRANCE: 4365a	0305	S. Lys R. OM mm/FF vm SSB (Ireland-TN)
6352a	0335	FUG Navy La Regine R. V mkr CW (Thompson-NM)
GERMANY, E.:4525	0315	DIZ Nauen time tick CW (Walters-NJ)
GERMANY, W.:5427	0348	KRH50 US Embassy Bonn QRA mkr CW (Boehm-TX)
GREECE: 4623	0458	NGR USN Nea Makri w/NAM multimkr CW (Boehm-TX)
HUNGARY: 8615	0740	HAR Budapest Naval R. manual CQ & tfe CW(Herkimer-NY)
ICELAND: 1567	0333	NRK USN Grindjavik CQ mkr CW (Boehm-TX)
IRELAND: 5533	0219	EIP Shannon VOLMET OM wx AM (Rakow-NJ)ZEO(Koelble-OH)
8833	1033	Shannon VOLMET OM EE wx AM(Smith FL)(Proom-ENG)
ITALY: 4616	0344	IDR2 Rome Air Defense(Navy) V mkr CW (Boehm-TX)
8685	0252	IRM Rome Medical R. V mkr CW (Osterman-CH)
9090.5	0710	IDR4 Navy Rome V mkr CW (Russell-IL)
10715	0250	IRH37 ITALCABLE Rome YL EE/FF/SS/It vm USB(Ireland)
SCOTLAND:5680	0820	Edinburgh Rescue CM EE wkg Rescue 22 USB(Russell-IL)
SPAIN: 5917.5	0745	AOK Moron AFB NAM multimkr V CW (Proom-ENGLAND)
USSR: 12677a	0227	UMV Murmansk R. ID mkr CW (Fitzgerald-RI)
12693	0444	URD Leningrad R. ID mkr CW (Pagano-DC)
YUGOSLAVIA:6391a	2110	YUZ PTT Rijeka R. ID QSX mkr CW (Proom-ENGLAND)
<u>AFRICA</u>		
ANGOLA: 20535	1635	CQX58 EMPUTEL Luanda OM EE/YL FF vm SSB(Osterman-OH)
CAPE VERDE IS.:8467	0135	D4A6 Praia CQ mkr CW (Pagano-DC)
CONGO: 3495	0330	Brazzaville VOLMET OM FF aero wx SSB (Osterman-CH)
6617	0501	Brazzaville VOLMET OM FF wx AM(Peters-MANITOBA)
DJIBOUTI:13042.5	0225	FUV French Navy Djib City V mkr CW (Thompson-NM)
IVORY COAST:8465	0805	TUA4 A.F.T. Abidjan R. tfe CW (Herkimer-NY)
11560	0155	INTELCI Abidjan YL FF/EE vm SSB (Peters-MANITCPA)
KENYA: 13065	0505	5ZF3 EAETC Mombasa R. V mkr CW (Herkimer-NY)
LIBERIA: 4483	0400	5LF4 FCR Monrovia YL EE/FF vm SSB (Osterman-OH)
MADEIRA: 8461	0940	CUB CPRM Funchal CQ mkr CW (Pagano-DC)
MALI: 12255	0720	TelInt Bamako YL FF/EE vm SSB (Peters-MANITOBA)
NIGER: 10846	0205	FCR Niamey YL EE/FF vm USB (Ireland-TN)
REUNION: 12692	2338	FUX French Navy La Possession ID mkr CW (Pagano-DC)
SENEGAL: 5933.5	0735	PTT Dakar OM FF vm SSB (Peters-MANITOBA)
SO.AFRICA:4242.5	0332	ZSD43 Durban R. Pinetown Natal CQ mkr CW(Boehm-TX)
USSR: 12742a	2117	UXN Archangel R. ID mkr CW (Fitzgerald-RI)
<u>ASIA</u>		
CHINA: 8515	0906	XSQ Kwangchow(Canton) R. CQ mkr CW (Forsman-CA)
10000	0000	BPV Zi-ka-wel Obs. time tick CW ID (Walters-NJ)
HONGKONG:8582	0958	VPS C&W Cape d'Aguillar ID mkr CW(Tsukahara-JAPAN)
8903	0215	Hong Kong VOLMET YL EE aero wx AM (Walters-NJ)
INDIA: 16939.5	0305	VTG Navy Bombay V mkr CW (Thompson-NM)
IRAN: 8471	0615	EQZ IORC Abadan R. CQ mkr CW (Herkimer-NY)
IRAQ: 6493.25	0516	YIR Basrah Control R. V mkr CW (Fitzgerald-RI)
ISRAEL: 12985	0215	4XZ Haifa Naval R. V mkr CW (Coleman-MA)
17048	0202	4XZ Haifa Naval R. V mkr CW (Tsukahara-JAPAN)

JAPAN: 8479 0923 JCU NT&T Choshi R. CQ mkr CW (Dawson-CA)
 8903 0210 JMA Tokyo VOLMET OM EE aero wx AM (Walters-NJ)
 8967 0530 AIF Yokota AFB patching KL408 to Burma Base(Chabak)
 12878 0111 JCU NT&T Choshi R. CQ mkr CW (Pagano-DC)
 SINGAPORE:8871a 1040 STA YL EE wx SSB (Smith-FL)
 KOREA,S.:5809 1538 MinCom Seoul HLL CQ mkr CW (Tsukahara-JAPAN)
 8486 0719 HLF MinCom Seoul V mkr CW (Forsman-CA)
 16915 0242 HLF Jeju Fisheries R. CQ mkr CW (Tsukahara-JAPAN)
 17079 0345 HLF MinCom Seoul CQ mkr CW (Thompson-NM)
 17127 0249 HLG MinCom Seoul CQ mkr CW (Tsukahara-JAPAN)
 PAKISTAN:8694 0254 ASK PTT Karachi R. CQ mkr CW (Herkimer-NY)
 PHILIPPINES:8568 0916 DZR RCA Manila CQ mkr CW (Forsman-CA)
 TURKEY: 6395 0235 TBA Navy Ankara V mkr CW(Thompson-NM)(Fitzgerald-RI)
 USSR: 8610 0215 UXN Archangel R. ID mkr CW (Thompson-NM)
 YEMEN: 13060.5 1416 70A C&W Aden R. ID mkr CW (Herkimer-NY)

OCEANIA

AUSTRALIA:7500 0945 VNG Telecom Australia Lyndhurst time AM(Peters-MAN)
 8477 0846 VHP Navy Canberra V mkr CW(Forsman)1141(Tsukahara)
 8975 0901 AXF RAAF Sydney YL EE wkg Townsville USB(Chabak-AZ)
 12000 0705 VNG TelAus Lyndhurst time AM(Saylor-PA)(Snowden-CA)
 HAWAII: 5705a 0630 AGA Hickam AFB YL coded tfc USB (Rosewarne-CA)
 6526 0700 KUA Honolulu Aeradio OM acft tfc USB (Rosewarne-CA)
 NEW CALEDONIA:8698 0944 FJP PTT Noumea ID mkr CW(Pagano-DC) Say Frank, did
 they get ur OK to use your initials for a callsign?
 NEW ZEALAND:8997 0645 ZLK USN Christchurch clg MAC50247 USB(Russell-IL)
 0704 ZLK USN Christchurch wkg XDØ1 USB (Chabak-CO)
 9950 0718 ZME3 Raoul Is. wx sta OM wkg ZLX59 AM (Russell-IL)

ANTARCTICA

8997 0709 NZCM Williams Field McMurdo Sta OM wkg ZLK (Chabak-AZ)
 13976.5 0020 NØICE Mars McMurdo OM EE wkg NØNAE USB (Stroh-IL)

UNIDENTIFIED

2770a 0735 MGJ V mkr CW (Proom-ENGLAND)
 5429a 0302 KRS5Ø V-QRA mkr Q8X CW (Coleman-MA)
 5823a 1226 KWL9Ø QRA mkr (//9224//12210//14782) CW (Boehm-TX)
 15507a 1855 2-tone beeps, 90 per minute (Coleman-MA)
 22490a 1050 VXO CQ mkr CW (Proom-ENGLAND)

SHIPS

2100a 0250 USS "Piedmont" OM wkg Norfolk Marine AM (Stone-ONTARIO)
 4067.5 0530 USS Blue Ridge LCG-19 wkg ICBS4 San Diego USB (Chabak-AZ)
 2238 USS Belleau Wood LHA-4 OM wkg ICBS4 USB (Chabak-AZ)
 2326 USS Barbour County OM wkg ICBS4 USB (Chabak-AZ)
 4363.6 0331 KCBG Zapata Ranger OM/YL wkg WOM USB (Fitzgerald-RI)
 6506.4 0703 CGC "Bittersweet" OM EE wkg CGC "Unimak" USB (Brick-TX)
 11076 2148 Marlin 18(a USCGC on USCB mission) OM EE clg ATLAS (U. S.
 Customs Bureau) USB (Devendorf-CA)
 12330a 1929 "Atlantic Prosper" OM EE tfc to Portishead USB (Ehret-PA)
 2010 "Rotterdam" OM EE running phone patch USB (Ehret-PA)
 12350a 2248 KGPJ "Alaskan Star" OM EE tfc w/WOM USB (Ehret-PA)
 16462a 1859 WNCU "Gloram Challenger" OM EE clg KMI USB (Ehret-PA)
 22032a 1430 "Bonnie Way" OM EE wkg Portishead R. USB (Ehret-PA)
 22234 2119 3FDN MV "Atlantic Neptune" wkg JCS CW (A. Mason-ONTARIO)
 22240a 0025 3FWW MV "World Wing" wkg HLG CW (A. Mason-CNT)
 22245a 2142 GZKA MV "Act 3" wkg ZLB CW (A. Mason-ONT)
 25100a 1503 MV "Verazano Bridge" JEXJ wkg NBA (A. Mason-CNT)

AIRCRAFT

4746.5 0248 Teal 22 wkg MacDill patch to Mather Monitor USB(Chabak-AZ)
 5603 0912 Singapore 911 OM EE wkg San Francisco USB (Short-CA)
 5610 0018 Ascot(RAF) 5410 om EE wkg Santa Maria USB (Godbey-FL)
 0205 Yugoslav 5Ø3 OM EE wkg NY ARINC USB (Godbey-FL)
 5674 2050 Intntl 867 OM EE R. ck w/ Shannon USB (Stone-ONT)
 5696 2333 CG#5784 OM EE wkg Miami R. USB (Brick-TX)
 0628 CG#5800 OM EE wkg Corpus Air USB (Chabak-AZ)
 6540 0012 Boliviano 996 OM EE wkg NY ARINC usb (Godbey-FL)
 0619 AA121 OM EE wkg San Juan aeradio USB (Short-CA)
 6683 2325 SAM86971 OM EE wkg AFA patch to CROWN LSB (Russell-IL)
 6715 0524 SAM26000 OM EE wkg Andrews & MacDill USB (Chabak-AZ)
 6731 0024 Air Force 1 OM EE clg Andrews AFB USB (Ehret-PA)
 8875 1903 Western 69 OM EE wkg San Francisco USB (Chinakoa-WA)
 8931 0244 UE186 OM EE wkg Honolulu USB (Short-CA)
 8959 2207 Nigeria 932 OM EE clg Khartoum Aeradio AM (Godbey-FL)
 2216 Kenya 624 OM EE clg Aden aeradio AM (Godbey-FL)
 2219 TRADEWINDS 663 OM EE wkg Addis Ababa AM (Godbey-FL)
 2248 Aeroflot 333 OM EE clg Boyeros, Cuba aeradio AM(Godbey-FL)

8959 2127 Air France 464 OM EE wkg Mogadishu Aeradio AM (Godbey-FL)
 2128 PELICAN 172 OM EE wkg Khartoum Aeradio AM (Godbey-FL)
 2259 W. German AF 1002 OM EE wkg NY ARINC USE (Godbey-FL)
 2337 Aeroflot 415 OM EE clg Tripoli Aeradio AM (Godbey-FL)
 2237 Quebec Air 759 OM EE wkg San Juan ARINC USB (Godbey-FL)
 2115 Sudan 101 OM EE wkg Khartoum Aeradio AM (Godbey-FL)
 8984 0130 CG#1502 OM EE wkg San Francisco CG USB (Chabak-AZ)
 8989 2151 World 085 OM EE clg MacDill Airways USB (Godbey-FL)
 0026 Teal 452 OM EE wkg MacDill USB (Godbey-FL)
 0040 Canadian M11 0722 OM EE wkg McClellan AFB USB (Godbey-FL)
 0612 Lark 73 OM EE wkg Anchorage ATC via Elmendorf USB(Chabak-CO)
 1731 Angey 71(tanker a/c) OM EE wkg McClellan USB (Chabak-CO)
 8997 0704 Kiwi 858(RNZAF) OM EE wkg Christchurch Aeradio USB(Chabak)
 0705 XD03 OM EE clg Christchurch weather USB (Russell-IL)
 0736 XD01 OM EE wkg MAC Ctr McMurdo USB (Chabak-AZ)
 11182 1816 Lark 72 OM EE wkg Scott patch to Tinker Metro USB (Chabak)
 1708 NALCO 33 YL: EE wkg Scott patch to Offett AFB USB (Chabak)
 1829 King 02 OM EE wkg Selfridge Rescue via Scott USB (Chabak-AZ)
 1855 Edgy 22 OM EE wkg RAYMOND 24 via ScottUSB (Chabak-AZ)
 2216 AF Rescue 60221 wkg Scott patch to CRADLE Ops USB (Chabak)
 2222 NE712 wkg DRAGONFIRE BASE via Scott USB (Chabak-AZ)
 2235 King 59 OM EE wkg Cradle via Scott USB (Russell-IL)
 11239 1935 Scorebook 0148(Navy) wkg McClellan patch USB (Chabak-AZ)
 11367 1717 Antillean 702 OM EE wkg NY ARINC USB (Godbey-FL)
 1724 Gulfstream N1929Y OM EE wkg San Juan ARINC USB (Godbey-FL)
 13823 1637 Rescue 50973 OM EE wkg Scott AFB USB (Chabak-AZ)
 18019 1650 Airevac 67954 OM EE wkg Scott CP via MacDill USB (Russell-IL)
 18027 2046 Air Force One on ground Guadeloupe wkg Andrews USB(Russell)

TACTICAL

4700 0610 LIBERTY LADY Moffett NAS TSC OM wkg NJ765 USB (Chabak-AZ)
 4770a 0541 COTTON GRASS OM EE wkg CANARY SEED USB (Chabak-AZ)
 5703 0225 BRAVO QUEBEC OM EE clg FRESHMAN USB (Stone-ONT)
 6690a 0233 OM EE CHARLIE NOVEMBER wkg Sierra Romeo USB (Fitzgerald-RI)
 6731 0204 CHECKMATE & ALFOSO wkg Andrews patches to CROWN & HOTSHOT
 USB (Fitzgerald-RI)
 6761 0640 LOUD 21 OM EE wkg CRAZY WEED (SAC freq) USB (Chinakos-WA)
 11084 1959 AFF38 CRADLE OPS Kirtland AFB NM wkg Rescue 50973 (Chabak)
 11215 1952 AFH34 DRAGNET Nellis AFB NV wkg TOPSOIL USB (Chabak-AZ)
 11255 0250 BURNING BUSH OM EE clg & wkg NE304 USB (Chabak-AZ)

SPY NUMBERS STATIONS

3090a 0310 YL SS 5-digit 0312* AM 1/31/79 (Maghakian-NY)
 3219a 0330 YL GG 4-digit groups AM 1230/78 (Godbey-FL)
 3278a 0407 YL SS 5-digit groups AM 12/22/78 (Jones-CA)
 3410a 0418 YL SS 4-digit groups, suddenly off 0423 AM 12/??/78 (Maghakian /--NY)
 3817a 0510 YL SS 5-digit groups 1/1/79 (Godbey-FL) /1-1/79 -FL)
 3867a 0524 YL SS 5-d, repeat of 3817 xmsn. Tape rewind at end AM(Godbey
 4548a 0145 YL SS 4-d AM 12/13 & 12/20/73 (Cereghin-MD)
 4668a 0100 YL SS "135" + 1-10 count "Group 220" "Fin" @ 0144 followed
 by footstep sounds! AM 12/16/78 (Rzepka-WI)4or5 digit, Bob?
 0300 YL SS "545" to 0310, carrier to 0311.50 10 sec tone, off.
 12/21/78 (Boehm-TX) /12/15/78(Boehm-TX)
 5236a 0307 YL SS "545" to 0310, tick-tock sound to 0311, carrier off AM
 5765a 0915 YL SS "Atención" 4-d groups AM 12/27/78 (Olson-CA)
 5810a 0130 YL SS 5-d groups AM (Stone-ONTARIO)
 6506.4 0155 OM(!) 5-d groups on CG freq USB(Maybe it was CG with ordi-
 nary coded groups, Bart. Date?-Ed.) (Beal-WA)
 6773a 0620 YL SS 5-digit AM 1/1/79 (Godbey-FL)
 6998a 0302 YL GG 5-digit, 2 msgs AM (Maghakian-NY) 12/28/78
 9925a 0600 YL SS 3-digit identifier, 0603* 12/28/78 (Imbert-NM)(Russell)
 10570a 2230 YL EE "343" fol 5 mins of time tick, tape off 2240 AM 12/28/
 11050a 2035 YL EE "428" AM 12/3/78 (Stone-ONTARIO)
 14967a 2135 YL EE "764" off at 2137 AM 1/21/79 (Jones-CA)
 18427a 1040 YL GG 5-digit groups USB (Proom-ENGLAND) 12/23/78

RADIOTELETYPE

ALBANIA:4546a 0530 ZAN Tirana RY test 66 wpm/425 hz shift (Woods-OK)
 CHAD: 13502a TTL RY test 66/850 (Woods-OK)
 GREECE: 4955a SWA RY test, QRA mkr 66/425 (Woods-OK)
 KENYA: 13405a 5YD RY test 66/450 (Soods-OK)
 JAPAN: 22865a JMG2/3/4/5/6 Tokyo RY test, weather 66/450 (Woods, OK)
 POLAND: 7680a SOH26 RY test 66/425 (Woods-OK)
 PORTUGAL:9896a CSZ RY test & ID 66/450 (Woods-OK)
 SENEGAL:7590a 6UY4: RY test, weather 66/425 (Woods-OKLAHOMA)
 U.S.A.: 8682a NPL USN San Diego Fox test 100-170 (Woods-OK)

QSL REPORTS

Editor: Bob Donly 7208 Sunview Dr. Columbia, South Carolina 29209
(deadline 15th of the month)

February, time for another column. Of interest this month is the fact that SODRE at Montevideo Uruguay has finally printed QSL's and are cleaning out their file. It took, in some cases, one year.

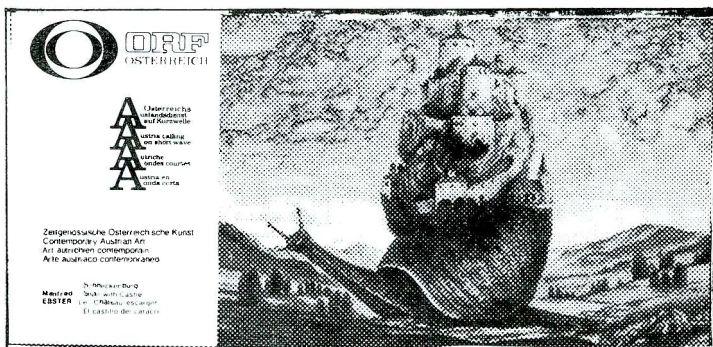
I have had questions about Radio Lebanon's Verification Policy. Their policy seems one of not responding to any correspondence, reports or letters. To my knowledge they have not verified since they returned to regular operation about a year ago.

Be reminded on USSR reports to include sites only if they are listed on the QSL. All reports are assumed in English unless otherwise noted.

Away we go!

Europe

AUSTRIA: ORF, 17745, f/d cd "City on Snail" in 57d air, rp (MCDONALD HI)



Thanks to

Jim Mc Donald

BELGIUM: ORU, 6080, f/d, map, cd, in 74d air, no rp (WORREL ND) 6085 map, card w/ pennant in 46d, for 1 IRC (WEBSTER ONT) 21460, f/d cd, "LF Modulator" in 22d, no rp, pennant (PINEAULT QUE)

BULGARIA: R. Sofia, 9505, date only, cd, Sofia Boulevard "Rousski" in 42d air, no rp (CURTIS TN) 9705 f/d cd "Kukery" in 29d air (PECENKA IN) R. Sofia date only, cd "View of City Street", in 71d surface, no rp (OLSON)

CHECHOSLOVAKIA: R. Prague, 7345, f/d cd "TATRA Mountain" in 102 d air, no rp (BYRON NY)

DENMARK: R. Denmark, 15165, f/d "Radiohouse Aerial Tower" cd in 11d air (ANGELOM NY) same in 21d air, MS (STROH IL)

FINLAND: R. Finland, 9575, f/d cd "Autumn in Finland" in 34d air, no rp (MORRISON NC) 15210, same in 28d air (PECENKA IN) 15265 same in 48d (TRUSSING CA) 15265 f/d cd "Four Seasons" in 38d air, IRC (TACOMA CA) same in 25d air (MCDONALD HI)

FRANCE: R. France, 15440, "Notre Dame-L'Abside" in 26d air (OAKLEY CA) 17720, f/d cd in 30 d air (CATALANO NY) 21620, f/d cd "La Conciergerie" in 26d air (EWING IL)

GERMANY: (Democratic Rep) RBI 7300 f/d cd in 70d air, rp (PROOM GB) 9730 f/d cd "Clocktower" in 60d air, no rp (MORRISON NC) 21540 f/d cd in 52d air, no rp (FLAGLE NE)

GERMANY (Federal Republic) Deutsche Welle, cd "Logo" in 38d air, no rp, (CHINAKOS WA) same in 152d air (SNYDER NY) Suddeutscher Rundfunk 6030 date/frq, cd in 42d air, 3 IRCs (KUSALIK) Sudwestfunk 7265 f/d cd, rp in 15d air (KASPRZYK TX)

GREAT BRITAIN: VOA, 3980, f/d cd in 10d air, no rp (JONES VA)

GREECE: R. Greece, 11730 f/d cd in 57d air, no rp (TRUEBLOOD WI) same in 31d surface (KOEBLE OH) same in 39d surface (EWING IL) in 41d air (TACOMA CA)

HOLLAND: R. Nederland 6165 f/d cd "Woman with colorful dress" in 23d air, rp, 2 IRCs (WEBSTER AL) same in 1(?)d (MACDONALD NJ) same in 50d (SNYDER NY) same in 27d air (PINEAULT QUE) 9895 f/d cd in 30d air (PROOM GB) 11700 f/d cd in 28d air, no rp, (BUHAGIAR ONT) 11740 f/d cd in 49d air, (MORRISON NC) 17700 f/d cd in 39d air, no rp (SMITH FLA) 17810 f/d cd in 19d air (PROOM GB)

HUNGARY: R. Budapest 11910, f/d cd in 66d air, no rp (FIZGLE NE) same in 71d (OAKLEY CA) 15225 f/d cd in 36d air, IRC, pennant (DUBEE CA)

ICELAND: V. of Iceland 12175, f/d cd, map, in 116d air, IRC (HOWELL CA)

ITALY: RAI 8734, frq only cd in 21d air, 2 IRCs (PROOM GB) 9575 f/d cd in 66d sfc for no rp (FLAGLE NE) 11810 f/d in 158d air (CEREGHIN MD) 15315 f/d cd "Ritratto di bambino" in 169d air, no rp (FRASER MA) same in 174d air (THOMPSON NM)

MALTA: Deutsche Welle Relay 6100 no data cd in 48d air, no rp (HENSLEY TX)

MONACO: TWR 7105 f/d cd in 15d air, IRC, pennant (MELLINGER NJ)

NORWAY: R. Norway 15175 f/d cd "Autumn in the Mountains" in 46d air, pennant, rp (COLEMAN MA) 15345 f/d cd in 22d air, 3 IRCs (STROH IL) 17840 f/d cd in 19d air, IRC, rp (FRASER MA) 21730 f/d cd in 30d air (YAJKO PA)

POLAND: Polskie R. 6095 f/d cd in 43d air, rp (COLEMAN MA) 9525 f/d cd "Warsaw Royal Castle" in 49d air, no rp (WORREL ND)

PORTUGAL: R. Portugal 6025 f/d cd in 34d air IRC, rp (KOEBLE OH) 9670 f/d cd in 29d air, rp (VIZU QUE) 11935 f/d cd in 16d air (PECENKA IN) same in 21d (Torre CH) Adventist World R. 9670 f/d cd in 11d air no rp, (STICKLE NY)

ROMANIA: R. Bucharest 9570 f/d cds from 52 to 109d air, no rp (WORREL ND) 9690 f/d cd "Chalet in Valley" in 99d sfc, no rp (BYRON NY)

SPAIN: Spanish Foreign R. 9630 f/d cd in 27d air, no rp (HOOK FL) 11775 f/d cd "ESpana Sierra Nevada" in 26d air (STICKLE NY) 11880 f/d cd in 60d sfc, no rp (STONE ONT) same in 28d air (DUBEE CD) same (CURTIS TN)

SWEDEN: R. Sweden 11705 f/d cd map in 25d air no rp (SMITH FLA) same in 14d air (TORRE EA) same in 20d air (CURTIS TN) 11905 cd in 29d no rp (OAKLEY CA) 21505 f/d cd in 27d air no rp (SMITH FLA)

SWITZERLAND: Swiss Radio International 6045 f/d cd in 19d air (TORRE CA) 7210 f/d cd in 49d air rp (CLARK TN) 9725 f/d cd in 87d sfc no rp (SOME-ONE SOMEPLACE) same in 57d air (SNYDER NY) 21570 f/d cd in 27d air rp (CHINAKOS WA)

USSR: R. Moscow 9450 f/d cd in 40 to 41d no rp (SMITH FLA) 9660 f/d cd in 37d air no rp (CURTIS TN) 720 f/d cd in 35d air (BAKER IL) 1175 f/d cd "Forest winter scene" in 37d air no rp (WORREL ND) 11920 f/d cd in 44d air no rp (KASPRZYK TX) 15140 f/d cd in 44d air no rp (VIAW QUE) 21590 date/time/fqy cd "Watch Tower" in 35d (MCDONALD HI) 16 cd in 39d (OAKLEY CA) 17845 f/d cd (HARDESTER WA) Ukrainian SSR - R. Kiev 7150 f/d cd in 116d air no rp (FRASER MA) same in 86d air (GOLD FL) 7320 f/d cd in 52d air (BAKER IL) 12050 f/d cd in 78d air rp (TOCOMA CA) 15265 f/d cd in 52d air (MCDONALD HI) 15418 f/d cd in 79d air no rp (CURTIS TN) 17845 f/d cd in 90d air no rp (BYRON NY) Usbek SSR - R. Tashkent 15115 f/d cd in 31d air no rp (UZZBEK SSR) 15460 cd in 60d (KANA GA)



Thanks to

J.P. Kana

VATICAN CITY STATE: R. Vaticana 9605, f/d cd in 17d air no rp (MORRISON NC) 11845, f/d cd in 70d air (CATALANO NY)
YUGOSLAVIA: R. Beograd, 9620, f/d cd with picture of "Ohrid" in 100d air (STICKLE)

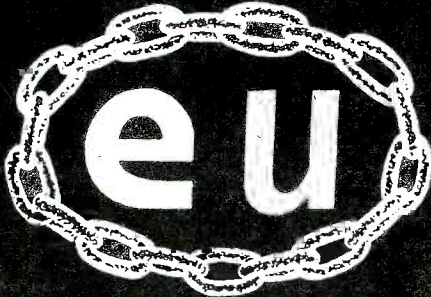
Africa

ALGERIA: Rdif. TV Algerienne, 9685, B&W cd w/ no data but tnx note in FF & AA 2 IRCs in 169d (WEBSTER ONT) same w/ 1 IRC in 95d air (MAYER CA) 11925, f/d cd in 120d air (HOWELL)
BENIN: La Voix de la Revolution, 4870, date/time 4 scene card in 25d air (MAYER CA)
CAMEROON: Radio Garoua, 5010, f/d letter w/ 2 IRCs in 48d v/s Eboo Zame Maurice (BROWN IL)
CANARY ISLANDS: Spanish Foreign R., 11880, f/d cd in 74d, no rp (WORREL ND)
CHAD: Radiodiffusion Nat. Tchadienne, 49045, f/d cd in 22s air 1 IRC (TACOMA CA)
EGYPT: R. Cairo 9475, f/d cd in 85d sfc (QUENN OH) same in 127d air (SNYDER NY)
IVORY COAST: Radiodiffusion Ivoirieene, 4940, f/d cd, map in 27d air MS (HOFFMAN PA)
KENYA: Voice of Kenya, 4915, f/d ltr in 26d air, MS, rp, v/s Rashid Bakuli (DALUM IN)
LESOTHO: Lesotho Nat. Broadcasting, 4800 f/d cd in 185d air 2 IRCs (PETERS KY)
LIBERIA: ELWA 4770, f/d cd in 44d air, rp, 1 IRC (RADCLIFF IL)
VOA Relay 15445 f/d cd in 10d air v/s Maria Reys (WORREL ND)
MALI: Radiodiffusion Nat. du Mali 5995, f/d map cd in 56d, rp, 2 IRCs (HOFFMAN PA) same in 17d (HEATH KY)
NIGERIA: NBC 4932 f/d flag cd in 41d air no rp (HOWARD TX)
Voice of Nigeria 7255 f/d cd in 29d air, no rp (KASPRZYK TN)
SENEGAL: Radiodiffusion du Senegal, 4890, date/time cd in 74d air, 1 IRC (MAYER CA)
SIERRA LEONE: SLBS, 5980 f/d. aerogramme ltr in 42d air, rp IRC (CLARK TN)
SOUTH AFRICA: RSA, 9585, 9610, 11900, 17780, f/d cd in 16-47d air, no rp (CURTIS TN) (PECENKA IN) (BRADSKY NY) (GANTT AL) (TORRE EA) (THOMPSON NM) (FRASER MA) (MCDONALD HI)
SABC All Night 4810, f/d "Industrial Setting" cd in 23d air, no rp (RZEPKA WS) same in 20d (THOMPSON NM)
SABC Springbok Radio 4810, f/d "SABC logo" cd in 33d air MS (WHEELER KS) same in 26d (TACOMA CA) 9710, f/d cd in 20d air, no rp (RZEPKA WS)
SWAZILAND: T.W.R. 3365 f/d Zulu warrior cd v/s J. Olson in 19d air, no rp (JONES VA)
TOGO: Radiodiffusion TV Togolaise 5047, date/time map cd in 35d, air 1 IRC (MAYER CA)
UGANDA: UBC 15325, 9730 f/d ltr in 99d air, 2 IRCs (WEBSTER) 15325, f/d ltr in 140d, rp, 2 IRCs, v/s Cosma Warugaba (BYRON NY) same in 123d air (HEATH KY)
UPPER VOLTA: Radiodiffusion TV Voltaique, 4815, no fqy ltr in 105d, 4IRCS (WEBSTER AL)
ZAMBIA: Z.B.S. 9580, f/d cd in 126d air (PETERS KY)

Asia

CHINA: (People's Republic) R. Peking 6860, 15060, 15065, 15300, 15520, 17680, f/d cd in 14-50d air no rp (MELLINGER NJ) (RZEPKA WS) (BYRON NY) (BLAIZE LA) (SMITH FLA) (CLARK TN) (CURTIS TN) (TRUEBLOOD WI), 6860, (PROM GB) 15520 f/d cd in 15d air for 2 IRCs (CHINAKOS WA)
INDIA: AIR 11810, f/d cd in 343d air (MAYER CA) 15190 f/d Taj Mahal cd in 42d air no rp (MCDONALD HI)
INDONESIA: The Voice of Indonesia, 11790, f/d Batak house cd in 68d air, 1 IRC (HEATH KY) 11790, date/fqy "Tengger Highland and Mount Bromo" cd in 48d air, 2 IRC, pennant (DONLY SC)
IRAN: Voice of Iran 15084 f/d cd in 29d air (MAYER CA)
RRI Fak Fak 4790, f/d cd (?)d air (KUSALIK ONT)
IRAQ: Radio Baghdad, 9745, f/d map cd in 71d sfc, rp 1 IRC (WEBSTER AL) same in 46d (CLARK TN)
ISRAEL: IBA 9835, 11625, 9833, 11655, 15100 f/d cd in 45-90d air, no rp (SMITH FLA) (MCDONALD) (SKLARSON SASK) (KOEBLE OH) (HOOK FL) (SNYDER NY) 9815 f/d map cd, 1 IRC in 42d air (FRASER MA)

"Emisoras Unidas"



TEGUCIGALPA
SAN PEDRO SULA
LA CEIBA
CHOLUTCA

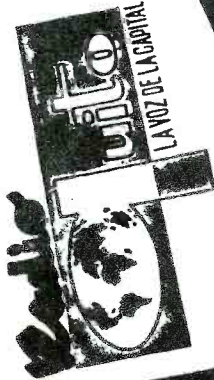
BANDERIN
NUMERADO
Nº

018025

EMISORA DEL DIARIO "EL COMERCIO"

760 KGS. ONDA MEDIA
93.3 MGS. FRECUENCIA MODULADA

4923 KGS. ONDA CORTA
SERVICIO DE TELECOMUNICACIONES



QUITO-ECUADOR

Radio Tachira
Primer lugar en Sintonia
San Cristóbal - Venezuela

pennant parade

JAPAN: R. Japan (NHK), 3377, 9505, 15195, 17825, 21640, dtae/fqy cds in 11-42d air, no rp (HOWARD CA) (BUHAGIAR ONT) (THOMPSON NM) (WORREL ND) (CATALANO NY) (STONE ONT) (YAJKO RA) (OLSON CA) (PECK NY (BYRON NY) 11825, 17755, f/d cd in 30-31d air, rp, 1 IRC (KOEBLE OH) (MELLINGER NJ) NSB 9595, f/d cd in 302d sfc, no rp (PETERS KY) 9595, f/d cd Special "You're in Hawaii Today" in 30d air, rp, 2 IRCs (DONLY SC) same in 42d (PETERS KY)

JORDAN: H.K.B.S. 9560, f/d ltr in 25d air, rp, 2 IRCs (SCHWEIKART VA)

KOREA: Democratic People's Republic 9977, f/d colorful revolution cd in 320d sfc, 3 IRCs, pennant (GAVARAS MW)

KOREA: Republic, R. KOREA 9525, cd w/ pennant in 57d air (WEBSTER ONT) 9640 f/d cd in 77d air, no rp (FLAGLE NE) same in 74d air (SKLARSON SASK) 9720, f/d "National Flower" cd in 255d air, 3 IRCs, pennant (GAVARAS MN) same in 40d air, (KUSALIK ONT) 9720 f/d cd in 93d air, no rp (WORREL ND) 9720, f/d "National Museum" cd in 117d air (MAYER CA) 9720 f/d cd in 17d air no rp, pennant (SOMEONE SOMEPLACE) 9720, f/d cd in 35d air, rp, 2 IRCs (CHINAKOS WA) same in 2d air (PETERS KY) same in 40d, 1 IRC (DUBEE CA) 11965, f/d Pagoda cd in 43d air, rp, 1 IRC (KASPRZYK TX)

KUWAIT: R. Kuwait, 12085, f/d cd in 180d air, rp (PROOM GB) No data, "The Commercial Bank of Kuwait" cd, 190d air, no rp, (WILLIS PA)

MALAYSIA: R. Malaysia Sarawak, 4835, f/d cd in 17d air, rp, (HOFFMAN PA)

MONGOLIA: R. Ulan Bator, 4080, f/d "Logo" cd in 85d air, 2 IRCs, pennant (HOWELL CA) 12070, f/d cd in 77d air, rp, 3 IRCs, 2 MSs (KUSALIK)

PAKISTAN: R. Pakistan 9465, f/d cd in 235d air, 2 IRCs (WEBSTER ONT) 11477 f/d cd in 32d air, no rp (SMITH FLA) 11772, time/fqy cd in 22d air, 1 IRC (PETERS KY) 17845, no data cd in 22d air, 1 IRC, rp (TACOMA CA) 17845 f/d "Minar-i-Pakistan, Lahore" cd in 67d air, 2 IRCs (WEBSTER ONT) f/d cd in 20d air, rp (PROOM GB)

PHILIPPINES: F.E.B.C. 15440, f/d cd in 75d possibly sfc, no rp (OAKLEY CA) 17810, f/d "30Years Broadcasting"cd in 82d , no rp (RADCLIFF IL) Radio Veritas Asia, 17710 f/d cd in 42d air, rp, 2 IRCs (DONLY SC) V. of the Philippines 9580, f/d cd in 317d air, no rp, (MAYER CA) same in 199d (HOWELL CA)

SINGAPORE: R. Singapore 5052, f/d "Singapore by night" cd in 28d air, rp (TACOMA CA) 11940, f/d cd in 30d air (TORRE CA) same in 26d (PETERS KY) same in 41d for 2 IRCs (FEMYER AZ) same in 119d (WEBSTER ONT)

TURKEY: V. of Turkey, 11955, f/d "Love and Peace in Turkish Humour" cd in 23d air, rp, 1 IRC (TACOMA CA)

TAIWAN: V. of Free China, 15425, f/d cd in 23d air, no rp (EWING IL) same in 20d (PETERS KY) same in 40d (RZEPKA WIS) 17890, f/d cd in 23d air, rp, 4 IRCs (STROH IL) 17890, f/d cd in 26d air, no rp (WORREL ND)

VIETNAM: V. of Vietnam, 10040, f/d ltr in 73d, rp, 2 IRCs, pennant (HEATH KY) 15012, f/d ltr in 96d air, no rp (RADCLIFF ILL) 15012, f/d ltr in 60d air, rp 1 IRC (PROOM GB) 15012, f/d cd in 55d air, pennant (GAVARAS MN) same in 74d air, 2 rp (COLEMAN MA) f/d ltr in 90d air, rp, 1 IRC (MELLINGER NJ)

QATAR: Q.B.S. 9570, f/d map cd in 54d air no rp, (LOWELL CA) same in 240d air w/ 3 IRCs & MS (GAVARAS MN)

Oceania

AUSTRALIA: R. Australia 5995, 9540, 9570, 9580, 9670, 11740, 17725 21680, 17795, 18270, 21680, 21740, f/d cd in 15-112d sfc for no rp, 105d air for 1 IRC, 15-26d air for 1 IRC, rp (SKLARSON SUSK) (PECENKA IN) (SMITH FLA) (FRASER MA) (DUBEE CA) (MORRISON NC) (WORREL ND) (YAJKO PA) (THOMPSON NM) (PROOM GB) (OAKLEY CA)

GUAM: T.W.R. KTRW 11810, f/d pencil drawing cd in 14d sfc (CATALANO NY)

NEW CALEDONIA: R. Noumea, 7170, date/fqy ltr in 62d air, rp (MAYER CA) same in 120d air for 4 IRCs (GEORGE TX) same in 35d for 3 IRCs (HENSLEY TX) same in 70d for 1 IRC (TACOMA CA) same f/d cd in 26d for 3 IRCs (DALUM IN) 11710 f/d ltr in 33d air, rp (SNOWDEN CA)

NEW ZEALAND: R. New Zealand 17860, f/d 30th Anniversary cd in 13d air, rp, MS (OLSON CA)

PAPUA NEW GUINEA: R. Eastern Highlands 2410, f/d ltr in 45d air, MS (KUSALIK ONT)

R. North Solomons, 3322, fqy only ltr in 59d air, rp 1 IRC HEATH KY) NBC 4890, f/d ltr in 60d sfc, no rp, map (RAKOW NJ)

South America

BRAZIL: R. Nat Brasilia, 11780 f/d cd in 18d air, rp, 1 IRC (HOFFMAN PA)
R. Cultura Araraquara 3365, ltr in 18d air, MS, rp (HOFFMAN PA)
R. Excelsior, 9585 fqy only cd in 165d air, rp, MS (LAZARUS LA)
R. Inconfidência 15190, date only EE ltr in 31d air, rp, MS, v/s Frederico Ozanan Barcaloa de Souza (HOFFMAN PA)
R. Panamericana, 11965, f/d cd in 7mo air, no rp, EE, v/v Almir Carvalho Gerente (HOWARD CA)
CHILE: V. of Chile 15150, f/d "Santiago sightseeing" cd in 225d air, 1 rp, v/s George Grechnoff, FF (BUHAGIAR ONT)
R. Minería 9750, date only ltr in 26d air, rpd SS, v/s Manuel Vergara Llanca, pennant, 1 IRC, rp (HOFFMAN PA)
ECUADOR: HCJB, 9560, 11915, 17770, 21480 f/d cds in 23-56d air, no rp, f/d cds, rp 1 IRC in 1(?) - 23d air, 27d for rp (MACDONALD NJ) (EWING ILL) (PROOM GB) (WORREL ND) (STICKLE NY) (CURTIS TN) (YAJKO PA)
La Voz de Galapagos 4810, date/fqy cd in 41d air, rp, 1 IRC (FORSMAN CA)
PERU: R. Atlantida, 4790, No data ltr in 85d air, rp, pennant (Heath KY) 4790, No data ltr in 24d air, 2 IRCs (WEBSTER ONT)
URUGUAY: SODRE 9515, no data map cd in 360d Air, 1 IRC, rp (HEATH KY) same in 366d w/ MS (YAJKO PA) same in one year (LAZARUS LA) same in one year (KASPRZYK TX) 11885, No data "Yeri Statement" cd in 1 yr air rp, 2 IRCs (DONLY SC) same in 325d air for 2 IRCs and MS (JONES VA)

SODRE
SERVICIO OFICIAL DE DIFUSION RADIOELECTRICA
REPUBLICA ORIENTAL DEL URUGUAY. Montevideo.
Mercedes 823

CXA 4 - 6.125 Kcs. CXA 6 - 9.620 Kcs.
CXA 10 - 11.895 Kcs. CXA 14 - 15.300 Kcs.

North America

COSTA RICA, 5055, date/ fqy cd and ltr in 51d, rp, IRCs (PINEAULT QUE)
CUBA: R. Habana 11760f/d cd in 72d air, no rp (CURTIS TN) 11750, f/d RHC logo, geometric design cd in 169d sfc (SNYDER NY) 11930 f/d cd in 147d sfc, rp, 2 IRCs (DUBEE CA) same in 1yr 6mo, no rp (DUBEE CA)
GREENLAND: R. Gronlands 5980, f/d folder cd in 32d air, (WEBSTER ONT)
GUATEMALA: La Voz de Atitlan 2390, f/d cd in 43d air, rp, 1 IRC, (HOFFMAN PA) same in 39d (FORSMAN CA)
Cultural, 3300, f/d red green Quetzal bird cd in 27d air for no rp (FLAGLE NE)
Voz de Nahuala 3360, f/d cd and ltr in 30d air rp, IRC, pennant (PINEAULT QUE)
HAITI: 4VEH, 9770, f/d cd in 71d sfc, rp, 2 IRCs (GOLD FLA) 11835, f/d DJ at controls cd in 108d, rp, 1 IRC (PECENKA IN)
HONDURAS: HRVC 4820, f/d map cd in 17d air no rp, (CURTIS TN) same in 57d sfc w/ rp, 1 IRC (CLARK TN) same date/time cd in 28d air, rp, 2 IRCs, (WORREL ND) same w/ 1 IRC (VIAW QUE)

MEXICO: R. Mexico, 9705, date/fqy cd in 21d sfc, rp, pennant (HOFFMAN PA)
 15385, no date form ltr in 51d air, rp, 1 IRC (FISHER MASS)
 R. Huayacocotla 2390 f/d cd in 36d air, rp, 2 MS (THOMPSON NM)
 R. Universidad de Senora 6115, no data cd in 21d air rp, 1 IRC (MAYER CA)

NETHERLANDS ANTILLES R. Nederlan Relay 6165, f/d cd in 40d air, no rp
 (BRODSKY NY) 9590, f/d cd in 40d air no rp (CURTIS TN) same in 30d
 (BYRON NY) 9715, f/d cd in 47d air (TORRE CA) 9770, f/d cd in 42d air
 rp, 2 IRCs (DUBEE CA) 11815 f/d cd in 9d air, rp 1 IRC (CLARK TN)

NICARAGUA Radiodiffusion Nacional 5950, no data ltr in 66d (PETERS KY)

CANADA: RCI 5960, 9535, 11845, f/d ANARC special cds in 168-170d air,
 no rp, (FLAGLE NE) (BAKER ILL) (BRODSKY NY) (HARADA HI) (RZEPKA WIS)
 f/d "Hermies Satellite" cd in 5mo air no rp (RZEPKA WIS)
 CFVP 6030, f/d "downtown Calgary" cd in 9d sfc, no rp (HOWARD CA)
 CFRX 6070, date/fqy in 26d sfc no rp (KOEBLE OH)
 CHNX 6130 f/d cd in 24d air no rp (KOEBLE OH) same in 23d (PINEAULT QUE)
 same in 18d (WEBSTER ONT)

UNITED STATES: AFRTS 6030 (CLARK TN) (DUBEE CA)
 UN Radio, 11955, (ANGELOM NY)
 WINB 15145 (BLAIZE LA)
 WYFR 11720 (WORREL ND) 15440 (CURTIS TN) 21615 (VIAU QUE)

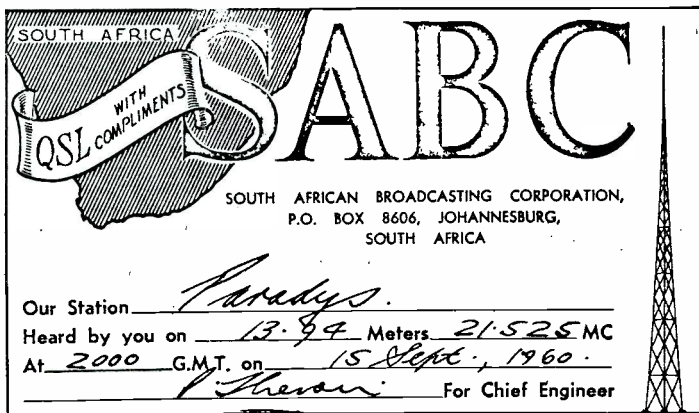
Clandestine

USA: WFAT 1620, f/d cd in 23d sfc no rp. Handmade B&W folder w/ call
 letters and map of Northeastern USA (HOFFMAN PA)

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76 members reporting this month, several for the first time. Please
 keep up your reporting. Your reports make the column, and I can only
 print what you send in.

An Antique QSL from the SPEEDX Collection



My thanks to Jim McDonald who sent reduced photo prints of some QSL's.
 Because of this I was able to print one of ORF's for the very first time.
 Full size, their cards are too wide to feature in the column.

A word about QSL reproductions. I have to be very careful about choos-
 ing them. When sending in copies please be sure to use a reproducing
 machine that prints on white paper. The gray scale of what is to be re-
 produced is also important. Cards that contain too many shades of gray
 won't reproduce very well. Map cards and cards with few shades of gray
 usually do well. Unless it is a QSL from a "rare catch" it is almost
 wasted space to try to print a poorly reproduced card. Do continue to
 send in your reproductions with the above in mind, and I'll try to be
 the judge.

Catch up with you in 30.

Handwritten mark

Tips and Topics

The Feature Section of SPEEDX

EDITOR: ARTHUR S. GETZEL - 70-29 KISSENA BLVD - FLUSHING - NY 11367

Technical Month...

Well here we are in February, the second month of the new year. It has been several months since we have had a Technical Month, so this month I will devote all articles to the technical aspect of our hobby. I have received many excellent technical articles over the past several months and I hope you will find them to be interesting. I have several receiver reviews this month. One is on the new Sanyo receiver and the other is on a receiver that is quite old. It has been in my files for a long time and I think now is the time to publish it. Also, I have an antenna review in addition to several technical articles of a more general nature. Do enjoy, for this column is devoted to you!!!

Weird, Complicated, But Effective -- Sanyo RP-8880

by Larry Brookwell

The RP-8880 is Sanyo's contribution to the new generation of communications receivers coming from Japan. It is very impressive looking, and is about the size of the Panasonic RF-4800. It does not have digital read-out. It has nine bands with three tuning dials, the first with FM 88-106, LW 150-405, AM 525-1615, and MB 1.6 to 2.3, the second with five shortwave bands, 2.3 to 5.95, 5.95 to 6.2, 6.2 to 10.0, 11.7 to 20.0, and 20.0 to 30.0 MHz, full coverage with a gap between 10.0 and 11.7 MHz, and lastly, a fine tuner, or bandsread which covers from -30 to 130 kHz, which is added to, or subtracted from, the main shortwave tuning dial readings. This bandsread is in 5 kHz segments with 1 kHz markers. Both the bandsread dial, and the main SW dial have movable pointers for calibration. There is a crystal marker (calibrator) which transmits beats of 1 MHz, 100 kHz, and 10 kHz. An Antenna Adjuster (Preselector), an RF Gain control, a Bandwidth control (wide and narrow selectivity) which works on all bands except FM, a BFO Switch, and a BFO Pitch control which works, two mode switches, an on/off switch, a dial light switch, an AFC switch for FM, a switch for the "S" meter or battery charge, two speaker or earphone jacks (small and large), two tone controls, and the "S"/ Battery meter. There is an audio volume control. On top of the cabinet are two long whip antennas, one for SW and MB, and the other for FM. There is a revolving gyro antenna with degree markers for the AM and LW. At one side is the AC line connection and a jack for outboard 12 VDC source. At the rear are two pairs of antenna/ground posts, one for general, and the other for FM only. There is a battery compartment for eight "D" cells, and a compartment to store the AC line. There is also a Phono/Record jack with switch. Power requirements are eight "D" cells, an outboard 12 VDC source, or 115 VAC 60 Hz. Audio output through a 5" Unicorn speaker is 3000mW. Tone is excellent and controllable. The cabinet has adjustable feet for leveling, etc. Dimensions are 18½ x 8 x 6. Price is listed at \$329.50, suggested dealer price \$299.95. (Dealer cost is \$205.00)

To tune shortwave signals (7135 example), set the Mode switch to the appropriate band on the main dial, and both movable pointers (main dial and bandsread) to center position, set the bandsread dial to "0", tune the main dial to a mark as close as possible to the desired frequency (7100), set the crystal marker to 1 MHz/100 kHz. (If the main dial is set at a MHz mark (7000) it can be adjusted, or returned, to the strong zero beat of the crystal marker while turning the main dial while watching the "S" meter gain. Do not "null" the crystal pointer to this corrected dial setting.) In the case of the 7135 frequency, the main dial should be set to the nearest point, 7100. Here a weaker crystal beat will be heard. Correct this setting in the same manner as above and set the movable pointer to the new adjustment. Now turn the crystal marker to the 10 kHz setting, and adjust the zero beat on the bandsread dial, setting the movable pointer to that new zero. You are now calibrated (supposedly) for the coverage given to you with the bandsread, 30 kHz below to 130 kHz above the reading on the main dial.

Now turn the bandspread dial to 35. If you have proceeded correctly to this point, turning off the crystal marker will reveal the desired signal on 7135. You now read the frequency as 7100 on the main dial, plus 35 on the bandspread, as 7135. Each time the main dial is changed you must go through this procedure to obtain an accurate read-out. Actually the process is not as complicated as it appears on paper.

On the receiver tested (which I have purchased) the 10 kHz crystal beat gained on the markers of the bandspread dial, so if one sets the zero correctly, the further one tunes from the zero, the greater the error. One is supposed to be able to check each 10 kHz mark on the dial with the 10 kHz crystal beat. In my case I found this to be inaccurate, and I found it necessary to reset the 100 kHz mark on the main dial with the bandspread dial set to 100 kHz (instead of "0") when the signal was to the upper side of 50 kHz on the dial. I had better repeat this in a different way; when your signal is 7135 use the "0" setting on the bandspread dial when calibrating the main dial, but when the signal is 7185 use the 100 setting. This will result in a reasonably accurate read-out. Remember, do not tune to the crystal beat "null", but to the greatest deflection on the "S" meter.

The RP-8880 is odd in that the preselector (Antenna Adj.) is very critical, and must be used in both calibrating, and SW tuning. The correct setting for the calibration is not necessarily the same as for the SW signal. The set seems to be absolutely dead unless the preselector is correctly adjusted. With the selectivity (Bandwidth) control set to "Narrow" (where I leave it at all times) one can obtain a very satisfactory 2 to 3 kHz rejection at normal volume. However, sensitivity is poor unless you use an additional preselector. An additional preselector is essential to sensitivity in this receiver.

The RP-8880 is not heavy, and is equipped with side handles as per-military gear, and a carrying handle.

In conclusion, the RP-8880 seems to be a fair receiver for under \$300. I was able to obtain mine for \$250.00. Negative factors are lack of accuracy of the bandspread dial readings as explained above (hopefully, one could find a better performer than my test radio), the lack of a dial light on the bandspread dial, the complicated calibration procedure, the very narrow band covered by the bandspread (of course this narrowness is ideal for tuning, but requires frequent re-calibration), and its very poor sensitivity when used without an additional preselector. (I used a KS preselector in all my tests.)



THE BRYANTENNA

by James Bryan

I have been experimenting with antennas and antenna switches since 1972, and I have finally come up with a system that works quite well for me. It consists of a Hy-Gain 18V antenna mounted on my garage roof about 50 feet from our receivers which include a SPR-4 and a FRG-7, located in an upstairs den in our town house. My ground consists of a 4 foot rod driven into the ground which I water quite frequently for better results.

We have a coax lead from the antenna to 6 knife blade switches. The ground lead also runs to this switch complex. The switches are all mounted on a piece of prestwood which is clamped to the rear of the table. There are five main elements to deal with in the switches. The five main elements are: 1. Coax center core which I term antenna. 2. Coax shield. 3. Ground lead. 4. Receiver ground post. 5. Receiver antenna post.

The idea behind the system is to be able to convert these five elements to each other in every way possible.

The results are rather amazing, and I am now exempt from any problems such as the antenna not matching certain frequencies, etc. I can start shifting the switches and usually can find a position that is relatively more satisfactory for the wanted signal than for the interference.

Some people would be tempted to believe that with all the short wires and switches a person would lose the shielding effect. However, the powerful signal from the antenna tends to overpower anything that is picked up by the short wires.

The system also facilitates the switching of either receiver to the antenna or ground and also facilitate very good reception from both receivers at once by using the shield for one receiver and the antenna for the other. The antenna is very satisfactory for DXing from the longwave part of the spectrum to at least the CB frequencies. My next antenna will be a 1/2 wave CB antenna hooked up in the same way to the switches.

One final note: The shield is not connected to anything at the antenna end of the coax. Only the center core and I have the adjustable coil on the Hy-Gain antenna set at the lowest possible frequency. However, when this antenna becomes bad because of age, I am going to hook up a half wave CB antenna to the coax in the conventional manner as for CB use, and I believe it will be as good or better than the present system if I have the switches the same as they are.

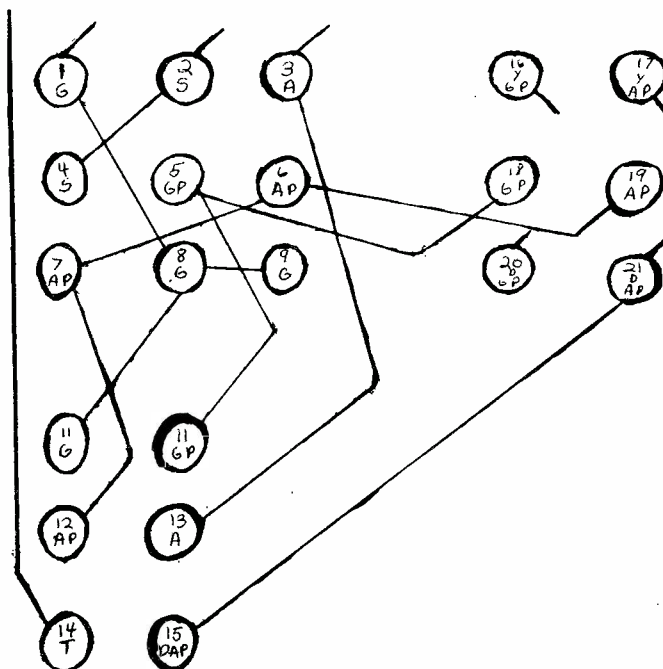
This system is very economical to set up as long as a person has the antenna and coax set up anyway. All it takes is 5 single 2 contact knife switches, one double 2 contact knife switch, one piece of wood to mount the switches, a clamp, and a few feet of insulated copper wire.

I logged 97 countries in June, 100 in July, and 98 in August with this system.

BRYANTENNA SYSTEM:

1. Antenna to antenna post,
2. Shield to antenna post,
3. Table to antenna post,

6-3
4-7
12-14



SWITCH-CONTACT-LEGEND	
G	= Ground
S	= Shield
A	= Center core of outside antenna
GP	= Receiver ground post
AP	= Receiver antenna post
T	= Table antenna.
DAP	= Drake antenna post
YAP	= Taesu antenna post
DGP	= Drake ground post
YGP	= Yaesu Ground Post

4. Ground to antenna post, 6-9
5. Antenna to ground post, 13-11
6. Shield to ground post, 5-2
7. Ground to ground post, 5-8
8. Shield and antenna to antenna post, 4-7, 6-3
9. Antenna to antenna post, with grounded shield, 4-1, 6-3
10. Grounded shield to antenna post, 4-7, 6-9

11. Grounded antenna to antenna post,
12. Shield to antenna post and ground post
13. Shield to antenna post, ground to ground post,
14. Ground to ground post, antenna to antenna post,
15. Shield to ground post, antenna to antenna post,
16. Shield to ground post, ground to antenna post,
17. Ground to ground post, and antenna post,
18. Antenna to antenna post and ground post,
19. Shield to antenna post, antenna to ground post,

4 MODIFICATIONS TO IMPROVE OLDER RIGS

by Peter Rounds, KDX6P

Many of us have older rigs and can't afford to upgrade to the latest manufacturer's offerings. And often our older rigs don't have the features or the selectivity we would like. But they can be improved. It doesn't require electronic training. Merely skillfulness with the hands and a willingness to seek out advice.

My main rig is a recently-acquired Drake SW-4A, with tubes. Though it's a well-built, quality performer, it had no BFO, no crystal calibrator, no Automatic Noise Limiter and its selectivity left something to be desired when DXing for those weaker stations mixed in among the booming signals.

I recently made four modifications that can be copied or adapted for various older rigs. I added a BFO, a 100 kHz crystal calibrator (frequency marker), a Collins 3.1 kHz Mechanical Filter and a small board for extra crystals. (The noise limiter circuit provided by ARRL didn't work, even after much experimenting and revising. You can't win 'em all!)

MECHANICAL FILTER

My inquiries eventually led me to John Kolb (KRS, Poway, CA). He supplied me with a reasonably-priced 3.1 kHz bandwidth F455F31 Collins Mechanical Filter, and a lot of good advice on installing it. (I also got the Collins/Rockwell factory recommendation - for \$70+ - which I could have used.)

My installation is switchable, so I can switch the filter into the IF circuit, or I can run the rig "straight through". The added circuit uses the Mechanical Filter, a JFET transistor, a 2-position, 4-pole switch and a few resistors and capacitors.

Adding a Mechanical Filter results in a lose of gain, which is more than made up for by adding the simple JFET amplifier stage. The filter/amplifier module goes in series in the IF strip by breaking only one or two connections. The sharpness of selectivity and quality of sound are amazing.

BFO

A BFO is needed to receive SSB and CW and aids in zero beating to locate weak stations. All it needs is a simple oscillator that will produce a signal at the receiver's first IF frequency. I found that the drift caused by high temperatures in a tube set made my BFO's installation outboard advisable. It's in a small metal box with the output connected to the antenna terminal.

Two different kinds of oscillators were found to work as a BFO: a crystal oscillator and a coil/capacitor oscillator. One uses an adjustable RF coil (available from J.W. Miller), a JFET transistor, a SPST toggle switch and a few capacitors and a resistor. The other uses a crystal, fine-tuned with a Mica variable capacitor. Values for the coil/capacitor or crystal will depend on the first IF frequency of the receiver. Both circuits are easily adjusted to zero beat with one of the carefully-tuned WWV stations.

One can use the BFO as is, or add a buffer amplifier (for isolation to minimize "pulling") and even an attenuator to control the strength of the BFO output for different reception situations. I added both and put the switch on the SW-4A front panel.

100 KHZ CRYSTAL CALIBRATOR

A 100 kHz standard crystal can provide precise dial calibration points at every multiple of 100 kHz, on all bands. It can be installed directly in the rig or put outboard in the same box with the BFO. Its output is also connected to the antenna terminal. The calibrator uses a 100 kHz crystal, a mica (or ceramic) trimmer capacitor, 2 transistors and a few resistors. It needs a BFO to function.

EXTRA CRYSTAL BOARD

To be able to receive frequencies not covered by crystals originally supplied with the rig, extra crystals can be purchased, put on a small P.C. of Perf board and made switchable with a 99¢ Radio Shack switch. The arrangement eliminates the need to constantly swap crystals and does not deteriorate the signal in any way.

Such an extra crystal board enables one to add ham bands or utility bands to a crystal rig (both of which will also need a BFO), as well as providing flexibility of extended range if the present SW bands are broadened or changed by the upcoming WARC-79 decisions.

These modifications don't make a receiver perform in ways it is not capable of performing. But the DXer who wants to get more out of a basically good older rig may find value in one or more of them, as I have. I have circuit schematics, P.C. board layouts, parts lists and helpful suggestions for anyone interested. One of the things this hobby is about is the sharing of ideas and experiences. Send a SASE with your questions to Peter Rounds, KDX6P, 955 Via Zapata #6, Riverside, CA 92507.

CALIBRATION FOR THE DX-160

by Jeff Worman

If you own a DX-160 like I do, you know that the bandspread calibrates the ham bands only. That's fine, but tough on SWling. For the international SW bands you have to use the log on the bandspread and convert it using the chart on p. 12 of the Owner's Manual. That's fine, but if you lack space in your shack, it's just another book to clutter your desktop. It's also a pain having to run your finger from the log to the frequency on the chart. Too much chance for error! If this dilemma plagues you, I suggest you take a few minutes to make what I did.

1. Take your Owner's Manual to the library and make two copies of p. 12 on the photocopy machine.
2. Cut out the chart leaving about 1/4 inch of margin around the edge.
3. Now cut the chart into three pieces. One piece is from the top of the chart running down to the first scale, the log 0-100. The second piece is the body. Cut just above the scale for 120m and just below the scale for 11m. Take this piece, glue it to a piece of strong paper and cut about a 1/4 inch on each side so that it isn't as wide as the first and remaining third piece.
4. Now take a piece of cardboard 7 1/2 inches x the width of pieces 1 and 3. Glue piece 1 to the cardboard so that the top is flush to the top of the cardboard.
5. Glue piece 3 about 2 1/2 inches below piece 1 and parallel to it.
6. Use a razor blade to make two cuts about 1/16 inch x a wee bit longer than the width of piece 2. Make cuts above piece 3 (one log of 0-100) and below piece 1 (another log 0-100).
7. Slide piece 2 under the cardboard below piece 1 and under the cardboard below piece 3. Line the end of the desired scale to the end of one of the log scales. (YOU HAVE TWO SO THAT IT SAVES TIME SLIDING).

This has proved useful to me for the past 3 years. This should save time, space and energy for you. What to do with the other photocopy? Well, if you made an error you've saved yourself an extra trip to the library.

DX PROGRAM GUIDE: First, a reminder. Send all information about DX programs to Al Rosinski, 1 Fairview Avenue, Bedford, MA 01730. Remember, he is compiling a DX Program Guide for Tips and Topics which will appear later this year.

REPLIES: Please enclose a SASE if you want confirmation that I received your article or if you want me to answer a question or comment. As we all know, postage costs are high.

YOUR VIEWS: I am right now soliciting your comments and suggestions. Write and tell me what you like or dislike about Tips and Topics. What types of articles would you like me to print? I am always looking for suggestions. Make this column what you want it to be; and do not forget that contributions are always welcome. I remain,

FEBRUARY CONTRIBUTORS LIST

Each contributors name is preceded by a number, this number indicates how many SPEEDX columns a specific reporter contributed to this month. Credits for sections other than SWBC, QSL, UTE and SKEDS are not listed here, they are recorded separately by the membership chairman by perusing each issue. The * preceding a number indicates credit is given for points that were missed the previous month.

*1	ANDERSON, PETER	NY...R-300	3	HODSDON, THOMAS	MN...FRG-7
2	ANGELONI, RICHARD	NY...DX-160	1	HOFFMAN, CHARLES	PA...FRG-7
3	BAKER, BRIAN	IL...FRG-7	2	HOLBROOK, HANK	MD...SP-600
1	BALDWIN, MIKE	NC...FRG-7	3	HOLMES, BOB	TX...MONARCH
1	BEAUREGARD, DENNIS	QUE...DX-160	2	HOOKE, JERRY	FL...DR-22
1	BENJAMIN, LORENZO	CA...SX-190	4	HOWARD, RON	CA...HQ-180A
1	BILLER, JEFFREY	NJ...DX-160	1	HOWARTH, CHESTER	WA...SPR-4
1	BIXBY, MARK	CA...FRG-7	4	HOWELL, JOE	CA...DX-160
3	BLAISE, SANDY	LA...51J3	*4	HRIVNAK, DONALD	IL...FRG-7
1	BODELL, ROBERT	OR...R-390A	1	IRELAND, JEROLD	TN...FRG-7
2	BOEHM, JAMES	TX...FRG-7	*4	JOHNSON, RICHARD	FL...R4C
*1	BOERST, RONALD	FL...RF-2200	1	JONES, DAVID	VA...151-1A
1	BOWMAN, JAMES	GA...R-390A	1	JONES, JACK	MS...DX-150A
2	BRICK, GEORGE	TX...NC-88	1	JONES, MICHAEL	CA...CRF-33OK
2	BRODSKY, DAVID	NY...ICF-5900	1	KAM, YUK-TONG HONG-KONG	CA...FRG-7
*1	BROOKS, ALAN	NH...FRG-7	2	KAMP, STEVE	CT...ICF-5900
4	BROWN, CLIF	IL...FRG-7	1	KANA, JOHN	GA...??
4	BUHAGIAR, ANTHONY	ONT...SX-190	*2	KAPINOS, JOHN	MA...FRG-7
*6	BYRON, LESLIE	NY...PAT-9	*2	KASPRZYK, EMIL	TX...R4C
*1	CARRIER, DAN	FL...FRG-7	4	KEGEL, JOHN	MD...R-300
*5	CATALANO, JOHN	NY...HE-30	4	KOELBLE, MICK	OH...FRG-7
6	CEREGHIN, JOHN	MD...AR-2	1	KUSALIK, EDWARD	ONT...R-388
2	CHABAK, MICHAEL	AZ...HQ-180	1	LARSON, EVELYN	NE...KH-500
5	CHINAKOS, MICHAEL	WA...FRG-7	1	LASKY, DAVID	NY...DX-160
3	CLARK, KEN	TN...DX-160	1	LAZARUS, HENRY	LA...SX-190
6	COLEMAN, ROBERT	MA...RF-2800	3	LEEMAN, JOE	RI...FRG-7
1	COLGAN, RICHARD	TX...FRG-7	2	LEVESQUE, DIANE	IL...XCR-30
1	COLLINS, JAN	OR...SPR-4	*1	LINDSEY, RANDY	NJ...DX-160
1	CONSTANTINIDES, C.	GREECE...XCR-30	1	LINK, GEORGE	CA...DX-160
4	CUCURA, VLADIMIR	PA...FRG-7	*4	LOBDELL, CHRIS	MA...FRG-7
5	CURTIS, FREDDY	TN...RF-2800	2	LORZ, LAWRENCE	NY...SPR-4
4	DALUM, GERALD	IN...FRG-7	2	LOWE, DEREK	AR...FRG-7
3	DAVIDONIS, LEO	MA...HA-600A	1	MacDONALD, DAN	NJ...??
5	DAWSON, ARCH	CA...SPR-4	2	MAGHAKIAN, MIKE	CA...ICF-5900
2	DEKEYSER, LUCIEN	CA...FRG-7	*6	MAISE, CLARENCE	LA...FRG-7
1	DEVENDORF J.C.	CA...SPR-4	2	MAPPIN, JAMES	WA...SCOTT
6	DONLY, BOB	SC...EDY-8302	2	MASON, SANDY	ONT...FRG-7
4	DUBEE, SEAN	CA...DX-160	1	MATSUBARA, YUTAKA	JAPAN...ICF-5900
2	EHRET, PAUL	PA...FRG-7	6	MAYER, JIM	CA...FRG-7
4	EARHART, KEN	PA...FRG-7	2	McDONALD, JIM	HI...RF-2800
2	EWING, DAVID	IL...FRG-7	1	McWHERTER, IRVING	MD...FRG-7
*5	FAMULARO, RALPH	NJ...XCR-30	6	MELLINGER, CRAIG	NJ...FRG-7
1	FEYMER, MIKE	AZ...??	4	MILLER, BILL	CA...DX-160
3	FINDLATER, JOHN	CA...FRG-7000	1	MINES, JOHN	QUE...??
3	FISHER, JOHN	MA...GRP-90	4	MOORE, DON	PA...XCR-30
1	FLAGLE, BOB	NE...DX-160	1	MORRIS, GREG	TX...S-53A
4	FORSMAN, STAN	CA...R-392	1	MORRISON, LEWIS	NC...KT-200
1	FOWLER, GARY	ONT...SPR-4	1	MOUGENOT, ROBIN	FRANCE...SAT-2100
4	FRANZIS, PATRICK	CT...DX-160	1	NADAV, AMMON	NY...NRD-505
8	FRASER, BOB	MA...XCR-30	4	NAYLOR, SPENCE	CA...FRG-7
*4	GANTT, CARL	AL...GR-78	4	NEWELL, R. COLIN	B.C...DX-150A
1	GAVARAS, TOM	MN...HQ-180	2	NOVAK, RICHARD	CA...RF-2800
1	GELFAND, STEVE	NY...NC-183-D	4	NOVELLO, JAY	NY...RF-2800
4	GEORGE, CHARLES	TX...SSR-1	6	OAKLEY, MARJORIE	CA...FRG-7000
1	GETZEL, ART	NY...RF-4800	6	OLSON, JAMES	CA...R-392
1	GODBEY, BILL	FL...FRG-7	2	OSTERMAN, FRED	OH...HQ-129X
1	GOLD, KEN	FL...1600-W	4	PAGANO, FRANK	DC...RACAL
2	GRENIER, PETE	CA...FRG-7	1	PASTERNAK, PAUL	ONT...DX-160
6	HARADA, CLAYTON	HI...R-390A	1	PECENKA, JOE	IN...XCR-30
3	HARDESTER, MIKE	OKI...SPR-4	5	PECK, MARTIN	NY...ICF-5900
3	HAUSER, GLENN	TN...FRG-7	3	PETERS, DAVID	KY...R-390A
4	HEATH, WILLIAM	KY...DX-160	5	PETERS, MIKE	MAN...FRG-7
5	HENSLEY, BAXTER	TX...SX-190	2	PETTIT, LANI	IA...TME-8000
1	HERKIMER, JAMES	NY...HQ-129X	1	PIMBLETT, NIGEL	ALB...DX-150A

3	PINEAULT, ANDRE	QUE....FRG-7	5	TACOMA, SCOTT	CA..RF-4800
*4	PRATH, JOHN	FL....FRG-7	1	TANNERWALD, LEON	NY....SPR-4
5	PROOM, STEPHEN	ENGLAND.SAF-2100	2	TAUSSIG, BRIAN	CA...DX-160
1	QUINN, THOMAS	OH.CRF-5100	6	THOMPSON, GLENN	NM....FRG-7
*6	RADCLIFF, BEN	IL....SSR-1	4	THOMPSON, PEGGY	CA..RF-2000
6	RAKOW, GARY	NJ...DX-160	4	TORRE, MARCO	CA..RF-2200
4	ROSEWARNE, ALLAN	CA....SSR-1	2	TRAUTSCHOLD, JOHN	WI....FRG-7
4	RUDOLPH, BILL	AL..RF-2200	1	TRUEBLOOD, JOE	WI....FRG-7
2	RUSSELL, GARY	IL....SSR-1	2	TSUKAHARA, MASASHI	JAPAN.....???
6	RZEPKA, BOB	WI..RF-2200	1	UERLINGS, JAMES	OR....SPR-4
2	SAITO, HIROSHI	JAPAN....FRG-7	1	VIAU, BOB	QUE.HRO-50T
5	SAYLOR, BRETT	PA...DX-160	*2	VOLLRATH, RUTH	MO....SSR-1
3	SCHWEIKART, DAVID	VA.DRAKE-2C	1	WALTERS, JOHN	NJ...R-1530
2	SEYMOUR, WOODY	NC....SPR-4	3	WEBSTER, JOHN	AL....FRG-7
1	SHORT, JERRY	CA...R-390	1	WEBSTER, STEVE	ONT....FRG-7
1	SKLARSON, BRIAN	SASK.....CB-9	1	WHEELER, FRANK	KS...DX-160
1	SMITH, BILL	LA....FRG-7	2	WILLIS, FRED	PA....SPR-4
5	SMITH, TOM	FL..VEF-204	4	WOLTMAN, FRANK	WI....FRG-7
3	SMITH, TRAVER	CA....FRG-7	4	WOOD, RICHARD DR.	MO...HQ-180
6	SNOWDEN, BEN	CA...DX-160	1	WOODS, MIKE	OK....RBM-5
6	SNYDER, SCOTT	NY....FRG-7	5	WORREL, RICK	ND...DX-160
4	SOMERS, JACK	CA.FRG-7000	4	YACONO, DOMINICK	NY...DX-300
4	STICKLE, EDWIN	NY...CF-560	7	YAJKO, BOB	PA....SPR-4
6	STONE, WILLFRED	ONT....SX-190	5	ZILMER, BOB	WI....SPR-4
7	STROH, EDWARD	IL....SPR-4	3	ZINK, GEORGE	CA....SPR-4

We wish to thank 10 first time reporters, they are: Richard Colgan, TX; Robert Flagle, NE; Mick Koelble, OH; David Lasky, NY; Yutaka Matsubara, Japan John Mines, Canada; Richard Novak, CA; Paul Pasternak, Canada; Michael Peters, Canada, and Marco Torre, CA. We also thank 178 reporters that helped to make this issue possible.

SPEEDXER Bill Smith, Eunice, LA submitted a six month survey of the receivers listed on the contributors page. Here are the results from a sample of 271 individuals.

FRG-7	38%	R-390 Series	6%	SSR-1	3%
DX-150/160	19%	XCR-30	5%	R-300	3%
SPR-4	11%	RF-2200	4%	OTHERS	11%

The "other" category includes the following models, none of which exceeds 2%.

SX-190	RF-2800	SP-600	SW4A	Plus a few
RF-4800	ICF-5900	HQ-180	R4b/C	others.

Bill surmises that costs is not a major factor, because the costs in the "other receivers" 11% covers a price spread similar to the more popular models. (ed note, surprising what a nose dive the SPR-4 took)

ITEMS FOR SALE

Hammarlund HQ-150, ex cond, vry clean. \$175. Gilfer-Hamgear Pre-selector, ex cond, \$35. Both for \$200 plus shipping. Jeff Stover, P.O.Box 353, Montrose, PA 18801. (717-434-2214)

Barlow Wadley XCR-30 Mark II w/all accessories, ex cond, \$185 plus shipping. Bob Pierce, 227 St Joseph Ave, Fitchburg, MA 01420. (617-342-7200 after 7 PM EST)

Drake SW4A, \$220. Heathkit SB-300, \$220. Rob Harrington, 3181 S York, Englewood, CO 80110 (303-781-1185 0100-0400 GMT)

DX-160, near new with digital freq readout and added selectivity. \$200 includes UPS ship. Don Johnson, P.O. Box E, Lake Elsinore, CA 92330.

ITEMS WANTED

A Knight Kit R-100A Receiver in any cond for parts, if in good cond, I will use mine for parts. Contact Bob Wirrell, 85 Stillman Ave Brockton, MA 02402
 Used list or books of ships, coastal & river, commercial & military aeradio, volmet, sta with call signs & freq, if possible. Will pay reasonable price. Contact John Fitzgerald, 1 Orchard Dr, Cranston, RI 02920 (401-943-0020)

ONE WAY TO HAVE A FRIEND IS TO BE ONE

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INDEX

KEYNOTES.....	OLIVER ELLSWORTH	2
PROGRAM PANORAMA.....	WOODY SEYMOUR	5
TECHNICAL TOPICS.....	SANDY BLAIZE	7
SWBC WESTERN HEMISPHERE.....	CHRIS HANSEN	8
EUROPE.....	JIM MAYER	15
AFRICA.....	WAYNE OLIVER	20
ASIA OCEANIA.....	BOB BODELL	24
STATION SCHEDULES.....	ORLA REESE	31
UTILITY SECTION.....	KEN COMPTON	34
SWBC QSL SECTION.....	BOB DONLY	41
TIPS AND TOPICS.....	ART GETZEL	48
CONTRIBUTORS PAGE.....	OLIVER ELLSWORTH	54

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