

SPEED X

*the dx radio magazine
for active shortwave listeners*



"DON'T YOU THINK THAT LONG WIRE IS A LITTLE TOO LONG?"



KEYNOTES



OLIVER ELLSWORTH, MANAGING EDITOR: 2043 W 75th St. Los Angeles, CA 90047

ELECTION NOTICE

CALL FOR NOMINATIONS-to fill three (3) positions on the Board of Directors

DEADLINE-Nominations must be received before mid-night, 15 June, 1979.

Accompanying this notice is a current list of all who qualify as Full Members of SPEEDX. A supplemental list will appear in the May and June issues, to bring the list up-to-date.

If your name appears on these lists, you are eligible to submit nominations (one or more), or to be nominated (you may nominate your-self).

Mail your signed letter or post card, specifying the name of those you choose to nominate directly to Don Johnson, Chairman, P.O. Box E, Elsinore, Calif. 92330. Deadline for receipt is mid-night, 15 June.

No member who is serving in any official administrative capacity in any other similar hobby group may be elected to, or serve upon, the SPEEDX Board of Directors.

Two present members of the Board (Robert Bodell and John Trautschold) were elected to serve 4-year terms; they each have two remaining years to serve. no nominations should be made of either, at this time.

Only the (3) remaining positions are now expiring, and your nominations are for those three positions.

Following the 15 June deadline, the list of valid nominees will be prepared and published in the July issue of SPEEDX.

The July and August issues will reserve space to present brief statements from the nominees (not to exceed 200 words each).

In the September SPEEDX there will appear an official ballot form, together with an up-dated list of all those eligible to vote (Full Members) and a complete list of the nominees. If a nominee declines, or with-draws by written notice, his name will be eliminated from the final list.

SPEEDX FULL MEMBERS (AS OF MARCH 1979)

AMRUSTER, DAVID	WI	BROOKWELL, LARRY	CA	CUCURA, VLADIMIR	PA
ANDERSON, PETER	NY	BROWN, CLIF	IL	CUNEO, RICHARD	NY
ANGELONI, RICHARD	NY	BROWN, MATTHEW	WI	CURTIS, FREDDY	TN
BAKER, BRIAN	IL	BROWNE, DAVID	CA	D'ADOLF, STEVEN	MA
BALDWIN, MIKE	NC	BYRON, LESLIE	NY	DALUM, GERALD	IN
BARTUNEK, E.	AUSTRIA	BUHAGAIR, "TONY"	CANADA	DAVIS, TONY	SC
BEAUDOIN, BOB	CT	BUTTERFIELD, BOB	MA	DAVIS, WAYNE	NJ
BENJAMIN, LORENZO	CA	CARRIER, DAN	VA	DAWSON, ARCH	CA
BEUKELMAN, W.	HOLLAND	CARTER, DAVID	LA	DENNIS, AMEL	IN
BILLER, JEFFREY	NJ	CEREGHIN, JOHN	MD	DEVENDORF, J.C.	CA
BIRKHAUSER, DEAN	MA	CHABAK, MICHAEL	AZ	DIAMOND, MARVIN	MD
BLAIZE, "SANDY"	LA	CHAN, DAVID	OR	DOBBINS, CHARLES	MD
BLOM, GORDON	NY	CHINAKOS, MICHAEL	WA	DONLY, ROBERT	SC
BODELL, ROBERT	OR	CLARK, KENNETH	TN	EARHART, KENNETH	PA
BOEHM, JAMES JR.	TX	CLEVELAND, BILL	CA	ELDER, RICK	CANADA
BONNER, CHRISTOPHER	OH	COHEN, JON	NJ	ELLSWORTH, OLIVER	CA
BOURNE, FRED.	OKINAWA	COLEMAN, ROBERT	MA	ESQUIVEL, LUIS	CA
BOYD, CHAS. W.	GERMANY	COLLINS, JAN	OR	EWING, DAVID	IL
BRAME, DAN	IL	COMPTON, KEN	MA	FAMULARO, RALPH	NJ
BRICK, GEORGE	TX	CONSTANINIDES, C.	GREECE	FISHER, JOHN	MA
BRODSKY, DAVID	NY	COOK, DAVID	CA	FISCHER, JOHN JR.	PA
BROOKS, ALAN	NH	CRABLE, VERA	ID	FLYNN, BILL	CA

FORBES, LEWIS	TX	LAZARUS, HENRY	LA	ROUNDS, PETER	CA
FORRESTER, ROB	OKINAWA	LEDLOW, LARRY	NY	RUDOLPH, WILLIAM	AL
FORSMAN, STAN	CA	LEEMAN, JOSEPH	RI	RUGGLEY, ROBERT	IL
FOWLER, GARY	CANADA	LEISTNER, LOU & E	CA	RUSSELL, GAY	IL
FRANZIS, PATRICK	CT	LENTZ, HANK	PA	RZEPKA, ROBERT	WI
FRASER, ROBERT	MA	LEONARD, KEN JR.	FL	SAADE, BRIAN	CA
FRENCH, ROBERT	MD	LEVESQUE, DIANE	IL	SANSERINO, RALPH	CA
GAEDE, ALLAN	CA	LINDSEY, RANDY	NJ	SAYLOR, BRETT	PA
GARFIELD, GENE	MA	LINK, GEORGE	CA	SCHNELL, JOHN	SC
GARMS, JAMES	AZ	LOBDELL, CHRIS	MA	SCHWARTZ, HOWARD	PA
GAVARAS, TOM	MN	LONGACRE, DON	NY	SEILER, RON	CANADA
GELFAND, STEVE	NY	LOWE, DEREK	AR	SEYMOUR, WOODY	NC
GEORGE, CHARLES	TX	MAC-COLLUM, MIKE	IN	SHAW, WILLIAM	PA
GETZEL, ARTHUR	NY	MACRIS, RANDOLPH	MO	SHORT, JERRY	CA
GLOVER, ART	WA	MAISE, CLARENCE JR.	LA	SKLARSON, BRIAN	CANADA
GRENIER, PETE	CA	MAPPIN, JAMES	WA	SKORA, GREGORY	CANADA
HACKNEY, RICHARD	TN	MARABLE, IVERY	GA	SMITH, ALBERT	FL
HAGEN, STEVEN	IL	MARTIN, BOB	LA	SMITH, THOMAS	FL
HAGWOOD, KEITH	TN	MASON, ALEXANDER	CAN	SMITH, TRAVER	CA
HALL, TIM	CA	MATWIEJCZYK, DAVID	MI	SMITH, WADE	CA
HALLBERG, SCOTT	IL	MAYER, JIM	CA	SNELLMAN, DAVID	PA
HANSEN, CHRISTOPHER	NY	MAYO, PAUL	PA	SNOWDEN, BEN	CA
HARADA, CLAYTON	HI	MCCURDY, TIM	CA	SNYDER, DOUG	CA
HARDESTER, MIKE	OKINAWA	MCDONALD, JIM	HI	SNYDER, SCOTT	NY
HARRINGTON, ROB JR	CO	MCINTOSH, RANDY	PA	SOMERS, JACK	CA
HAUSER, GLENN	TN	MCWHERTER, IRVING	MD	SPARKS, WILLIAM	CA
HEATH, WILLIAM JR	KY	MELLINGER, CRAIG	NJ	STAPLETON, CLAYTON	TX
HENSLEY, BAXTER	TX	MILLER, STEVE	CA	STEIN, RICHARD	NJ
HICKMAN, MEL	OR	MILLER, WILLIAM	CA	STEPHENSON, NORMAN	CA
HILL, NORMAN	VA	MITCHELL, RICHARD	NH	STICKLE, EDWIN	NY
HODSON, THOMAS	MN	MONJURE, RICHARD	LA	STONE, WILFRED	CANADA
HOFFMAN, CHARLES	PA	MOODY, PHILLIP	ME	STROH, EDWARD	IL
HOGAN, JAMES	NC	MOORE, DON	PA	SULAK, JOHN	NY
HOLBROOK, HANK	MD	MOUGENOT, ROBIN	FRANCE	TACOMA, SCOTT	CA
HOLLENBECK, RUSSELL	CA	NAYLOR, SPENCE	CA	TALBOT, LARRY	WI
HOLMES, BOB	TX	NEWELL, COLIN	CANADA	TANNENWALD, LEON	NY
HOOK, JERRY	FL	NORCROSS, DAVID	HI	THOMPSON, GLENN	NM
HOPKINS, JEFF	NY	NOVELLO, JAY	NY	THOMPSON, PEGGY	CA
HOWARD, RON	CA	NUTTER, RON	VA	THORN, DAVE	CA
HOWARTH, CHET	WA	OAKLEY, MARJORIE	CA	TRAUTSCHOLD, JOHN	WI
HOWELL, JOE	CA	O'BRIEN, JIM	CANADA	TROCHIMCZYK, J. W.	GERMANY
HRIVNAK, DONALD	IL	OLIVER, WAYNE	MA	TRUBEE, WILLIAM	HI
IRELAND, JEROLD	TN	OLSON, JAMES	CA	TRUEBLOOD, JOE	WI
ISHIZAKI, YASUO	JAPAN	ONKEN, JOHN	IL	UERLINGS, JAMES	OR
JOHNSON, DONALD	CA	OSTERMAN, FRED	OH	UTTER, RICHARD	NY
JOHNSON, RICHARD	FL	OWSLEY, BENTON	CA	VOLLRATH, RUTH	MO
JONES, DAVID	VA	PAGANO, FRANK	DC	WALTERS, JOHN	NJ
JONES, JACK	MS	PEARSON, WILLIAM	PA	WAMPLER, MICHELE	VA
JONES, MICHAEL	CA	PECENKA, JOSEPH	IN	WARRENBURG, TOM	WI
KAPINOS, JOHN	MA	PECK, MARTIN	NY	WATTS, GRRG	IN
KASPRZYK, EMIL	TX	PERRY, COLIN	CANADA	WEBSTER, JOHN JR.	AL
KATO, YASUSHI	JAPAN	PETERS, DAVID SR.	KY	WHEELER, FRANK	KS
KAYFMAN, MALCOLM	NY	PETERSON, ADRIAN	INDIA	WHITEHEAD, JAMES	PA
KAVALESKY, EDWARD	OH	PETTIT, LANNI	IA	WILLIS, FREDERICK	WI
KAWCHUCK, KARMAN	CAN	PIERCE, ROBERT	MA	WOLTMAN, FRANK	WI
KEGEL, JOHN	MD	PIMBLETT, NIGEL	CANADA	WONG, JOSE	FL
KELLER, ERIC	CA	PINEAULT, ANDRE	CANADA	WOOD, RICHARD	MO
KEMP-BLAIR, KEN	CA	POKATILOFF, RONALD	IL	WORREL, RICK	ND
KENNEDY, STEVE	FL	POOLE, GREG	GA	YACANO, DOMINICK	NY
KENYON, DON	PA	PRATH, JOHN	FL	YAJKO, ROBERT	PA
KLONTZ, WINSTON	CA	PROOM, S.	ENGLAND	YOHANA, WILLIAM	NJ
KLUMB, KELLY	CA	PYNE, WALTER	MD	YOUNG, JAMES	CA
KNIGHT, CHRIS	CO	RADTKE, CARL	CA	ZAVATSKY, MARK	CT
KOELBLE, MICK	OH	RAKOW, GARY	NJ	ZELASKO, LEO	IN
KOLB, JOHN	CA	REESE, ORLA	KS	ZILMER, ROBERT	WI
KUSALIK, EDWARD	CANADA	ROPER, TIM	AL	ZIMAROWSKI, MARK	MA
LARSON, EVELYN	NB	ROSEWARNE, ALLAN	CA		

266 Full Members as of March 1979, that equals to approximately 26 percent of our total membership. Membership chairman, Vera Crable, however reports there are a number of members needing one or two credits, to get back onto the full member list.

IF YOU FIND A PATH WITH NO OBSTACLES, IT PROBABLY DOESN'T LEAD ANYWHERE.

CONGRATULATIONS TO 8 NEW FULL MEMBERS

LESLIE BYRON LAURELTON, NY	BOB HOLMES SAN ANTONIO, TX	KEN KEMP-BLAIR SAN MARINO, CA	MICK KOELBLE CANTON, OH
HENRY LAZARUS NEW ORLEANS, LA	IRVING MCWHERTER KENSINGTON, MD	ALLAN ROSEWARNE FONTANA, CA	BRIAN SKLARSON SASK., CANADA

Certificates of Full Membership and a copy of the SPEEDX Constitution are being mailed concurrently herewith to each of the above new members. The above names have been included in the list of members qualified to vote.

SPEEDX WELCOMES THE FOLLOWING NEW ASSOCIATE MEMBERS

LAWRENCE SAVOY SPRINGFIELD, MA	JIM WHEELER COLB, KS	CARLOS COHEN LOS ANGELES, CA	RICHARD WILKERSON LOS ANGELES, CA
KIOUMARS GHOBAD NORTHRIDGE, CA	RICCARDO NOVARINO TORINO, ITALY	THOMAS TIBBALS COLUMBUS, OH	JAMES CRAIG BALBOA, CANAL ZONE
ALLEN TAKATSUKA MT. VIEW, CA	ARTHUR SHULMAN ONTARIO, CANADA	GEORGE HOLMES FORT COLLINS, CO	KEITH SCHULENBURG MT. VIEW, CA
BEN HICKS WARRENTON, OR	ROBERT KRUSE SUDBURY, MA	BRUCE PORTZER SEATTLE, WA	THOMAS FINKLE HERMOSA BEACH, CA
DAVID MILLARD ARCADIA, CA	THOMAS TOENJES LEAVENWORTH, KS	JOEL ROCHOW FALLS CHURCH, VA	THEA SMITH BALBOA, CANAL ZONE
RUSSELL MUNSCHE WOONSOCKET, RI	PATRICK DONAHUE ORANGE, CT	LARRY ARNESON GRANDVIEW, MO	DAVE MAUNDER ST JOHN'S, CANADA
IRV HERSHMAN LOS ANGELES, CA	EARL MARSHALL DUNEDIN, FL	JEFF WEINBRUM BROOKLYN, NY	ROBERT COBURN LONDONDERRY, NH
---TAKAHITO--- MINATO-KU, JAPAN	DAVID FLAX LONG BEACH, CA	WALLACE DAY PLATTSBURG, NY	JAMIE DUPREE CHEVY CHASE, MD
JAMES SAVAGE CARMICHAEL, CA	JOSEPH DEBELIUS JERSEY CITY, NJ	NATHAN BROWN CHICAGO, IL	RICHARD LUCAS STOCKTON, CA
A.D. CHIQUOINE CLINTON, NY	HENRY SIANO WASHINGTON, DC	ROBERT RANKIN LAWRENCE, KS	JOHN TERRY SO. BURLINGTON, VT
PAUL LOCKE PACIFIC PALISADES, CA		WILLIAM JAROSZEWSKI SOUTH BEND, IN	

We are sure that you have made a good choice in joining SPEEDX, the club for active shortwave listeners. We make one simple request; Please support the various editors, without your input, we would not have a club. Thank you, and good listening.

CENTRAL DISTRIBUTION EDITOR

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 its use. Our CDE is Bob Zilmer, P.O. Box 697, Milwaukee, WI 53201. Bob's deadline is the 10th of the month, the editors deadline is the 15th of the month.

CONTRIBUTORS PAGE

Vera Crable, our membership chairman, is now compiling the contributors page. A change in receivers, questions regarding credits and or full member status should be directed to Vera, address 5114 North 17th St., Coeur d'Alene, ID 83814. Items for Keynotes, including for sale & or wanted ads, should continue to be mailed to me at 2043 W. 75th St., Los Angeles, CA 90047.

BRAILLE ANARC CLUB LIST

HAP director Wayne Davis, 27 Cleveland Ave., Trenton, NJ 08609 has a braille ANARC club list, available for a couple of US mint stamps. Outside of the USA, send IRC's. Perhaps you would like to order one for a blind friend that is or would like to become interested in the hobby.

PROGRAM

APRIL 1979

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

PANORAMA

STATION OF THE MONTH



This month, we feature Radio Niderland, the Dutch World Broadcasting System. This station is one of the best known international broadcasters. Its popularity is evidenced by high finishes in popularity polls and a large audience mail response. RN's secret appears to be the personal approach to its programs. In the past year, RN has had several major changes, particularly in its English section. Transmissions were shortened from 80 to 50 minutes in order to take advantage of a satellite link between Hilversum and the relay stations. The long-time head of the English section, Van Dulken, retired. Some programs were replaced, others shortened. Much of the resulting furor resulting from the reorganization has subsided, and RN's output appears to be as good as ever, though the output is less than before. Here are some comments on Radio Niderland from SPEEDXers:

(Clayton Stapleton, TX): "Radio Niderland is an all-pro station. By that I mean they have excellent programming, and they prove it every week. RN has many popular programs, and one of the most popular, and my favorite program, is DX Jukebox. It is very informative."

(Brian Taussig, CA): "Radio Niderland is one of my favorite stations because of their excellent news program Newsline, their excellent DX program DX Jukebox, and their 'just for fun' program Happy Station on Sunday. Radio Niderland also puts out some excellent information sheets for the DXer."

The host of DX Jukebox for the past few years, Dick Speekman, has left the program and RN to return to his native Australia. Perhaps he will show up on Radio Australia one day. Meanwhile, he has been replaced on DXJ by Frits Greveling.....Another RN personality, Bruce Parsons, is leaving the station. The popular host of Parson's Penthouse and On Cloud Number Nine is moving to Florida.....The popular Mis and Hers Show, heard on Tuesdays, has returned after a few months' absence. The show is once again taking record requests.....DX Jukebox has been featuring program information periodically in a feature prepared by Glenn Hauser, a RIB of the Air. Tune to Radio Niderland for these and other outstanding features.



RADIO NIDERLAND WERELDOMROEP
P.O. BOX 222
HILVERSUM (THE NETHERLANDS)

Next month, the Station of the Month will be Radio Moscow. Let's have a large number of members send in comments on RN's programming. It would be good to have some comments on the new RN World Service. Deadline for contributions will be April 15. The Station of the Month for June will be Radio Sweden.

DENMARK...Radio Denmark does not broadcast programming in English, but they can be heard well in Danish from 1200-1500 GMT daily on 15165. An English ID can be heard at the beginning of the broadcast. On the Saturday broadcast, an excellent program of Danish classical, folk and popular music can be heard. (Pete Andersen, NY)

ECUADOR...You can hear the SPEEDX Report over HCJB's DX Party Line each Saturday. The best times for reception are 2000 GMT and 0230 GMT (Sunday GMT date). DX Party Line can also be heard on Mondays and Wednesdays on HCJB. (Editor)

Coming up on page 2 this month, Greece, Jordan and Norway.....

GREAT BRITAIN...BBC World Service has the following highlight programs during April...Previous Experience features stories of BBC staffers before they took up broadcasting. The first program in the series is the story of a Russian section member who was born into an aristocratic Russian family in 1919. Listen Sunday @ 1015 & 2145 or Monday @ 0315 & 0745 GMT.....Bestseller has readings from Robinson Crusoe, Dr. Jekyll and Mr. Hyde, The War of the Worlds and Pess of the D'Urbervilles this month. Tune in Saturdays @ 2030, Mondays @ 0100 and Tuesdays @ 1345 GMT.....No Hate, Corrie, No Hate is a Good Friday special program. It is the story of Corrie ten Boom (the 1976 movie The Hiding Place was based on this story), a Nazi concentration camp prisoner during WWII. It can be heard on the 13th @ 1900, repeated on the 14th @ 0115 GMT.....Sounds That Sold A Million features what the title indicates--gold records--from 1903 to the present on Sundays @ 0530, Thursdays @ 0815 and Fridays @ 0215. The first program can be heard on April 29th.....Through African Eyes is a series of four programs in which Africans survey the future of their continent. Listen from March 31st, Saturdays @ 1130, Sundays @ 1830 and Wednesdays @ 0230 GMT... lots of good listening from BBCWS this month! (London Calling, 4/79)

JORDAN...Radio Jordan has the following English schedule for its daily broadcast from 1500-1730 GMT: (1500-1530 GMT): SAT-Andalucia, SUN-Country Meets Polk, MON-Melody Time, TUES-Storytime, WED-30 Minutes of Jazz, THURS-Brothers-in-Law, FRI-Centres of Civilization w/ Dr. Nicola Ziakeh; (1530-1603 GMT): MON-SAT-Radiotheque, SUN-Listeners Choice w/ Gada Haddadin; (1603-1700 GMT): SAT-Album Review, SUN-Faces and Places w/ Pat Pengilly & 30 Minutes of Jazz, MON-Special Feature & My Kind of Music w/ Mana Bulos, TUES-Play of the Week, WED-Science Report w/ Margaret Kan'an & Date With A Star w/ Mana Bulos, THURS-Album Review, FRI-Jordan Weekly w/ Ead Batarseh & Stars Unlimited; (1700-1730 GMT): FRI, SAT-News Bulletin & Music, SUN-THURS--News Bulletin & News Reports. Try 9560 kHz for Radio Jordan's entertaining features. (Alan Brooks, NH)

MUSIC ON SHORTWAVE...Radio Havana Cuba is not the favorite station of many shortwave listeners, but RHC is an excellent source of Latin American music during the day. 11760 kHz offers good reception from 1100-1830 GMT daily, though the station can be heard on other frequencies and times.....

The Voice of Greece usually has some interesting Greek music from 0300-0350 GMT daily on 11730 kHz.

This station also can be heard at other times and frequencies, but this time period is after most of the other services have shut down for the night to the Eastern USA. Let me know YOUR favorite sources of music on shortwave. Send them in to Program Panorama today! (Editor)

NORWAY...(Marge Witte, CA): "A very entertaining program of Norwegian comedy and songs is heard Saturday evenings (Sunday GMT) at 0545 GMT on 9645 kHz. For those of us who do not speak Norwegian, report forms will soon be printed in English." Radio Norway publishes a beautiful quarterly program schedule. Write and ask to be put on the mailing list.

OFFERS...Songs of Glory, an album of national anthems by Canadian singer Roger Doucet can be ordered for \$7.98 check or money order from: Peter's International Distribution, 619 West 54th St., New York, NY 10019 (John C.F. Kegel, MD).....Radio Sweden T-shirts for \$6 US plus postage available from Radio Sweden, S-105 10 Stockholm. (Marge Witte, CA)

SOUTH AFRICA...Radio RSA now schedules Africa Today during the Wednesday night (Thursday GMT) transmission to North America at 0200 GMT. Thanks to Steve Proom-ENG for the R. RSA sked!

USSR...A story that made the rounds in the news media in February concerned the playing of Moscow Mailbag tapes over WSRD, Sterling, IL. It seems that for some reason, RM supplied tapes to the station. The result was a controversy, but the tapes continued to be played by the station. Aren't they satisfied with saturating the shortwave bands? (culled from the papers and Review of International Broadcasting #25) Don't forget--R. Moscow next month! *Woody* 3/19/79



APARTADO DE CORREOS 70-26
LA HABANA, CUBA





TECHNICAL TOPICS

Editor

SANDY BLAIZE

AVC	SSB
AGC	LSB
GAIN	FADE
TUNER	NOISE
IMAGE	Smeter

Send Technical Questions & Technical Material To: ➔

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

POCKET SHORTWAVE: New Receiver being marketed by Radios International, Box 6053, Richardson, TX., 75080. Recently I got to test this tiny set. Size is 1 3/4 X 1 X 3 inches! Controls are very simple: Volume, Tuning, and Band-switch. This receiver has headphone output only. (Earpiece supplied). It tunes two bands: standard "broadcast" from 550-1600 kHz. and SW from 4 to about 12 MHz. There is a separate ferrite "loop" antenna for each band. Sensitivity is good enough to receive the "powerhouses" like BBC, R. Nederland, VOA and such with no antenna. Although it was not measured, I would guess that it lies somewhere between 5-20 microvolts. This is NO DXing set, but is nice for keeping up with the news etc. on shortwave those evenings away from home. Although there is no provision for connection of an external antenna, increased performance can be obtained by winding a bare end of hook-up wire (22-24 gauge) around the sleeve of the headphone plug before plugging it in the set. This in turn is connected to a 10-20 foot indoor antenna or to your external antenna. With such an arrangement, stations like WWV, and CHU time ticks can be heard, as well as most of the "common" european and asian broadcasters. One morning I heard RRI Ujung Pandang on 4719/4753 on it using a 45' longwire. Selectivity is fair and image rejection is only fair, but the whole set boasts only 4 transistors! Battery life is about 50-60 hours or so. The cells used are small "button" mercury cells that are available at most camera shops or radio wholesale houses. It's cute!! The HOMER EP-8 is available for \$29.95 from the address above. Write for thier latest catalog and enclose S.A.S.E. for a prompt reply. ((Coming soon: review of SONY ICF-7600))

INDOOR ANTENNAS-(Ad Infinitum...) I have covered this subject before. Let me say that "generally speaking", a tuned, high, outdoor wire 30-100 feet long, will in almost EVERY instance outperform ANY indoor antenna you can concoct. (This includes "amplified" active antennas or indoor antennas using pre-selectors.) This is NOT to say you can't "DX" on an indoor wire, as I have done it! Most of the noise generated around the house doesn't radiate very far. Therefore, your antenna will nearly always pick up LESS LOCALLY generated noise if it is erected above or away from the house. (Not taking into account what is radiated by the power company's lines!!!) They KEY is: E X P E R I M E N T !!! Don't rely on just one antenna. In some instances that cheeky piece of wire tacked to your windowsill may work better than your super longwire, verticals work better than dipoles or vice-versa. It all depends on our fickle "ionosphere" and what condition it's in. A VERY GOOD book for explanation of all this and more is: Jim Vastenhaus's "WORLD DX GUIDE" published by WRTH and distributed by the SW specialty dealers like Gilfer Associates and Radios International. Even if you think you are advanced, you will find a lot of useful information in this book.

RADIO SHACK DX-300: The Editor has yet to lay hands on one of these for an evaluation. Sounds like a "poor man's" FRG-7000, but all is not rosy. I have some reports of drift, images and so-so performance from some of our members. If you got to have one, ask the dealer if you can return it if you are not satisfied with it. More information as it becomes available.

Thanks to all for the recent support in the form of letters and comments. Keep them coming, as they are all appreciated. Sorry I can't thank you all personally!

"Sandy"

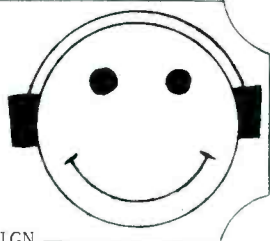
Until next time: Best of DXing and 73



H A P P E N I N G S

HANDICAPPED AID PROGRAM

WAYNE DAVIS - DIRECTOR
27 Cleveland Ave
Trenton, NJ 08609



SUPPORT WORLD DX HANDICAPPED AID CAMPAIGN

Once again we would like to extend our thanks to members of the Southern California Area DXers (SCADS) for a recent auction that raised \$213.20 for the Handicapped Aid Program.

Members of SCADS have been supporting HAP regularly through auctions of various materials for several years. The groups support helps HAP continue in its effort to assist handicapped DXers. Special thanks go to DON JOHNSON and STEWART MACKENZIE for arranging the auctions. To George McKay for donating an antenna to the cause, and George Link Jr. who once again dipped deeply into his pocket spending over \$100 for HAP. At last years ANARC Convention in Montreal George also spent over \$100 at the HAP auction. Besides supporting HAP, he left Montreal with a coveted VOA pennant and a bag filled with goodies. We'll look for you at the 1979 ANARC Convention in Minneapolis George, hi.

Any group that is planning a get together and would like more info on holding an auction for the benefit of HAP can contact Don Johnson at SPEEDX HQS. Please enclose a SASE.

Most of you have heard of the Radio Canada International Idents & Interval signal tape series, which besides raising money for HAP, provides DXers with the most up-to-date collection of interval signals available. Plans are now under way to update the series, but we need your help. We are asking all DXers who have tapes of recently changed interval signals, or those of stations not included on the original tapes, to loan HAP a good copy of it (them) for use on the new series.

If you would like to help with this project, please send your tape(s) to Ian McFarland, CHAP Director, 6 Coolbreeze Avenue, Pt. Claire, Quebec H9S 5G4 Canada. All tapes will be duplicated and returned. Thanks.

HAP would like to remind all blind DXers and SWLs that a pair of hobby related aids are currently available to them. The first is a braille edition of the ANARC list of hobby clubs and services. This offers a complete listing of ANARC member and affiliated clubs, as well as the services and publications they offer.

The second item available is a cassette tape recording of segments of NASWA's "DXING ACCORDING TO NASWA" as recorded by Jim Conrad. Blind and or handicapped hobbyists may obtain a copy of either of the above by writing to this editor at the QTH on the masthead. Non HAPIes may send a SASE for prices and information.

HAP wishes to thank SPEEDX Technical Editor Sandy Blaize for the kind offer made in the March issue. Sandy will overhaul and/or realign that spare set you are not using and donate it to HAP. As you know, HAP is in constant need of additional receivers to provide to the handicapped. Drop Sandy a line for shipping instructions (a SASE would be appreciated) at: Sandy Blaize, 417 Ridgewood Drive, Metairie, LA 70001.

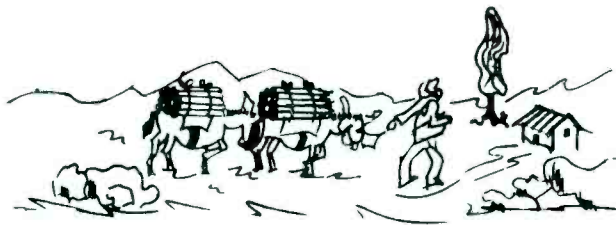
In closing this month's column we would like to thank all the SPEEDXERS who responded to the recent appeal for cancelled postage stamps, which are sold for the benefit of the program. A special thanks goes up north to Vera Crable of Idaho who sent two big bundles of stamps of great interest to collectors. Keep those commemorative and foreign stamps coming folks, as they will certainly help HAP.

Until next time, best of 73's and good DX from the Handicapped Aid Program.

SWBC DX - Western Hemisphere

◁ EDITOR ▷
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APRIL, 1979 -- LAS NOTICIAS

SHAMEY ON ME, DEPARTMENT! - If anyone wants to make mistakes often, my advice is to try writing about a language foreign to you. I had been uneasy about the section on 24-hour time in last month's feature about how Latin America tells time, but I did not know why I was uneasy. I realized why last night. I'll wait a minute while you dig out last month's W/H...O.K., turn to page 9, and delete the last two lines of THE 24-HOUR SYSTEM. They should read: (vein-) "ticinco minutos." We need to add one word of vocabulary: 'cero (SEH-roh),' as in 'Cero y veintidos minutos, Hora del Meridiano de Greenwich.'" This mistake will very probably pop up in RIB's "Don't You Believe," so I hope I've gotten my licks in first. I am terribly sorry for misleading you, and I hope that I can prevent myself from making those type of mistakes in the future, not by ceasing to write articles, but by improving my Spanish. (hi!)

I WOULD LIKE TO THANK all those who have sent me such flattering comments on SPEEDX W/H -- I will not mention you by name, but, believe me, your encouragement is very thankfully received here in the Bronx.

THERE HAS BEEN A COUP D'ÉTAT in Grenada this month. 15105 should be interesting listening (The New York Times indicated that the first the world heard about the coup was from R. Grenada, which had been taken over by the revolutionaries and renamed 'Radio Revolutionary Grenada' [I believe]). I hope that others (best times for 15105 conflict with my job) will report on what has been going on there in W/H next month.

NEWS THIS MONTH concerns Brazil and Venezuela.

BRAZIL - We have several rather complete reports on the newly-revived international service of Brazil - Radiobrás. A letter from Gary Atkins of Louisville, KY (and of NRC-fame) says: "I caught them at 0215-0300* in English on 15280 kHz. Anncr. was John Morris, px. was Brazilian mx, and their address is: 'Radiobrás, c/o International Correspondence Service, P.O. Box 04-0340, Ed. (?) Venancio 2000, 1st Floor, 70323, Brasília, D.F., Brasil.'" Thanks for your letter, Gary.

See more news under **VENEZUELA**, 5030 kHz, R. Continente.

MORE NUMBERS

You already have the basic small numbers Spanish vocabulary you need for telling time -- now, let's widen the picture to include the larger numbers. You had the numbers up to 50 (cincuenta) in last month's W/H. Below please find 60+:

sesenta (seh-SEN-tah)-60	doscientos (DOHS-see-ER-tohs)-200*	novocientos (NOH-veh-see-EN-tohs)-900
setenta (seh-TEN-tah)-70	trecentos (TRAY-see-EN-tohs)-300	mil (MEEL)-1,000
ochenta (oh-CHEN-tah)-80	cuatrocientos (KWA-tro-see-EN-tohs)-400	dos mil (DOHS MEEL)-2,000
noventa (no-VEN-tah)-90	quinientos (KEE-NYEN-tohs)-500	doscientos mil-200,000
ciento (cien) (see-EN-[oh])-100*	seiscientos (SAYRES-see-EN-tohs)-600	un millón (uhn mee-YON)-1,000,000
ciento uno (see-EN-toh OH-noh)-101	setecientos (SEH-te-see-EN-tohs)-700	dos millones (DOHS mee-TO-nen)-2,000,000
	ochocientos (OH-cho-see-EN-tohs)-800	

*"Ciento" becomes "cien" before nouns and before a number if multiplied (ciento - 100; cien estaciones - 100 stations; cien millones - 100,000,000)

**"Doscientos," "trecentos," and the other multiples of "ciento" all must agree with the noun they modify in gender.

Therefore, we have: "doscientos kilohertzios," and "doscientos estaciones." The -as is feminine, -os is masculine. NOTE: Uno alone or in compound numbers drops the -o before a masculine noun. When the number uno immediately precedes a plural noun, un or una is used, depending on the gender of the noun. We have: "veintinueve millones," and "treinta y una estaciones," and "dos mil, treinta y un kilohertzios." Millón is a noun, therefore it always has the indefinite article un or a numerical adjective before it: "un millón; dos millones," and when there is a noun after it, we use de: "dos millones de kilovatios."

The Spanish count by simple adjunction of numbers. Therefore, let us take the example of Radio Continente, 5030 kHz. 5030 equals 5 thousand and thirty. With our vocabulary, it is quite easy to say: "cinco mil, treinta kilohertzios." Some more examples: R. Reloj in Costa Rica is on 4832 kHz., among other frequencies. Again, this is done by simple adjunction: four thousand, eight hundred, thirty and two. So, we have "cuatro mil, ochocientos, treinta y dos kilohertzios."

BRAZIL (continued)

15280 0200 Radiobrás, EE, experimental bc in EE, mx, info on Brazil (545; 3/10. DeKoyer, NJ)(90 day experimental px in EE *0200-0256*; 544; 3/13. Wagner, PA)(Wants reports [see address in Las Noticias] 322; 3/12. Zink, CA)(444; 3/11. Cereghin, MD)

CHILE

6150 1033 R. Cooperativa, SS, nx, many TC's, almost certain of ID, 12-20-78 reception blown away by late s/on of LV de Huila @1058; has been beneath Huila for some time (343; 2/27. Jones, MS)(322; 2/16. Knight, CO)
 9549 2350 R. Nacional, SS, racing (horse) results, "Panorama Hípica" (Horsey Show), class mx; (555; --/--; Aisemberg, CA)
 9715 0030 LVCH, EE, cmt on local industry and industrial relations, local mx, [//17800 (433)](444; 3/7. Zilmer, WI)
 11710 2330 LVCH, EE, discussion of commercial business people working on trade agreements with Peking (333; 1/27. Witte, CA)
 11890 0410 LVCH, EE, strong signal, some QRM from both sides and some QSB. YL ancr. Mx was barbershop-type harmony, tlk by YL who was hard to understand (433; 2/11. Earhart, PA)(433; 2/25. Stone, ON)
 15122.5 1100 LVCH, EE, nx, cmt on Chilean affairs; (433; 3/7. Zilmer, WI)
 15140 0110 LVCH, EF, px w/ cmt. on Chile's relations with USSR (444; 2/28. Curtis, TN)
 17680 0100 LVCH, EE, song festival competition (554; 2/7. Byron, NY)
 17800 0012 LVCH, SS, Chilean/SS mx, nx, into FF @0030; (544; 2/22. Dilk, NJ) +1

COLOMBIA

4755 0705 Em. Nuevo Mundo, SS, OM, pop mx, CARACOL ID's (443; 2/25. Thompson, CA) +2
 4785 0905 Ecos del Combeima, SS, ID, plug for Super net, campo. mx (443; 2/26. Jones, MS)+4
 4815 0450 R. Guatapurí, SS, ID's, mx; (323; 2/19. Jones, CA)(343; 2/13. Knight, CO)
 4865 0245 LV del Cinaruco, SS, LAm mx, ads, ID (433; 2/16. Knight, CO)([boxing match from Madison Square Garden in New York City] 323; 3/9. Jones, CA)
 4875 0514 R. Super de Medellín, SS, ID, co-channel (w/ LV del Norte, no doubt. cpjh) makes reading bad (212; 3/4. Getzel, NY)(454; 2/18. Jones, MS)(423; 2/13. Knight, CO)
 4875 0455 LV del Norte, SS, mx, ID's (333; 2/19. Jones, CA)
 4885 *1007 Ondas del Meta, SS, short NA, ID, campo mx; (353; 3/10. Jones, MS)
 4925 1025 Emisora Meridiano Setenta, SS, ad for a state service of Meta State, ad for beer, a long dead air period, then a romantic story. Ad for Almacén Logares, which was selling TV's and radios, ID, mx; (333; 3/14. Hansen, NY)(323; 2/25. Knight, CO)(353; 3/9. Moore, PA)(322; 2/25. Tannenwald, NY)
 4945 0625 R. Colosal, SS, mx, incl. "Tiburón," ID's (443; 2/24. Lattemann, WA) +1
 4965 0749 R. Santa Fe, SS, mx, ID (322; 2/11. Kato, Japan)(433; 2/12. Lattemann, WA)(323; 2/5. Oakley, CA)
 5010 1015 R. Surcolombiana, SS, male vocals, anmts, ID; (323; 2/26. Tannenwald, NY)(423; 2/15. Knight, CO)
 5035 1041 LV del Caqueta, Florencia, SS, tlk, nx, ID and TC "dieciseis minutos para las seis", long tlk intros to mx; (222; 3/14. Hansen, NY)(243; 2/28. Moore, PA)(*1000 nominal sign on; 443; 2/27. Jones, MS)
 5040 0949 R. Cinco, SS, TC, ID "--La emisora del LLano--" usual LAm mx, mixing w/ presumed R. Maturin; (333; 2/27. Jones, MS)
 5095 0203 R. Sutatenza, SS, OM, lively vocals, ID's (322; 2/25. Thompson, CA) +1
 5962 1055 LV de los Centauros, SS, mx, ID, tlk, LAm mx; (333; 2/26. Zilmer, WI)
 6015 1115 R. Mira, SS, tlk, mx; ID @1128; (333; 2/26. Zilmer, WI)
 6065 0744 R. Super, SS, vocal mx, ID as R. Super; (433; 2/12. Lattemann, WA)([ID: "En R. Super de Bogotá] 544; 2/24. Knight, CO)(333; 3/9. Jones, CA)
 6075 0118 R. Sutatenza, SS, nx, ID, ad for "Banco de Colombia" (343; 2/13. Knight, CO)
 6095 0901 LV del Centro, SS, ID's, anmts, mx; (323; 3/9. Jones, CA)
 6115 0514 LV del LLano, SS, ID: "La internacional voz del LLano...Super de Colombia," (434; 2/18. Knight, CO)(443; 3/8. Peters, MB)
 6150 1045 LV del Huila, SS, mx, ads, ID; (333; 2/26. Tannenwald, NY)
 6160 1101 Emisora Nueva Granada, SS, ID as "Nueva Granada," cig. ad, NA; (443; 2/21. Jones, MS)(222; 3/9. Smith, CA)(454; 3/8. Peters, MB)
 13847 2200 R. Nacional de Colombia, SS, march mx, class mx; (332; 3/3. Zilmer, WI)

ECUADOR

11915 0230 HCJB, EE, DXPL, they have cut down on number of transmissions and power due to lack of generated power (Normally, HCJB, with its own hydroelectric power generators, has enough power to transmit its programs and also to sell the excess to the Ecuadorian government. However, I understand that a drought has brought the entire country to an electrical and aqueous crisis, and HCJB has done its share to help Ecuador through this crisis by putting more of the power it generates into the national pool. cpjh)(Zilmer, WI) +18 other rpts of HCJB.

ECUADOR-continued

- 3262 1045 R. Triunfo, SS, continuous Ecuadorian mx, ID's few and far between. 98% sure of ID, QTH is definitely Santo Domingo de los Colorados, faded ±1135 (443; 2/13. Jones, MS)
- 3280 1040 LV del Napo, Indian, ID, TC, tlk, pop mx; (443; 2/15. Jones, MS)
- 3315 *1050 R. Pastaza, SS, continuous mx, ID @1057 followed by NA, "Buenos dias, provincias de la patria, buenos dias Ecuador --" (443;2/15.Jones, MS)
- 3340 0330 R. Tropical, SS, local mx, nx, @0340, QRM with ute @0350, 0400* (242;2/23. Moore, PA)(333; 2/17. Jones, MS)
- 3390 0453 R. Zaracay, SS, Ecuadorian pop mx, ID, ute QRM (333; 2/13. Knight, CO)
- 4680 0240 R. Nacional Espejo, SS, rolling r-r-r-r-r ID, race car sound effects in back ground(333; 2/26. Saylor, PA)+6 Knight, CO)
- 4800 0545 R. Popular Independiente, SS, Ecuadorian mx, ID's, ute QRM (423; 2/25.
- 4820 *0930 R. Paz y Bien, SS/Indian, NA, ID, TC's, mx; (343; 3/5. Jones, MS)(354; 2/28. Moore/Saylor, PA)
- 4850 1028 R. Luz y Vida, SS, tlk on using animal dung as fertilizer, ID, classical mx to 1055 f/o (333; 3/1. Lobdell, MA)
- 4901a 1116 LV de Saquisilí, SS, Ecuadorian mx, nice ID @1117 with mention of R. Libertador, tlk w/ mx background, maybe thoughts for day. Juventud not on, but there was QRM from ute (332; 2/28. Jones, MS)
- 4910 0532 Emisora Gran Colombia, SS, ID's, mixed Ecuadorian mx; (333; 2/27. Cucura, PA) (333; 2/27. Lobdell, MA)
- t4960 *1104 R. Federación, Indian, NA, primitive chanting, tlk @1111, mx @1115, no ID heard (443; 3/9. Jones, MS)
- 5025 *0957 R. Splendit, SS, anthem, ID/TC, nx, then "Música Ecuatoriana" (343; 2/28. Lobdell, MA)(343; 3/5. Peters, MB)(443;3/2.Jones, MS)
- 5045 1027 Ondas Canarias, SS, ID: "Desde la capital de _____, transmite Ondas Canarias--" followed by fqys and "--muchas gracias por su escuchar --" (342; 2/19. Jones, MS)

GUYANA-GBS

- 5950 1000 EE, nx headlines, ad, ID as "GBS," nx of Guyana (332; 2/19. Jones, MS)

PERÚ

- 4860 0937 R. Chinchaycocha, SS, "Música Azteca" px, full ID @1034, then "Happy Birthday" in EE (!) w/ mention of Año Internacional de Niño (433; 3/1. Lobdell, MA)(ID, followed by Happy Birthday [I guess it's a regular feature here. ch] 332; 2/27. Jones, MS)
- 5010 1043 R. Eco, SS, several ID's, possibly Peruvian campo mx (not the "El Condor Pasa" type of Peruvian mx)(343; 3/8. Jones, MS)
- 5980 1017 R. Panamericana, SS, continuous organ, class. mx from 1017 to ad string @1108 (Inca Cola, Bufferin, Roi-Tan [Cigars], disco records [with special attention to Barry Manilow]). ID by YL @1112, KGEI gone, thought it was Panamericana, and wasted almost an hour to be sure (453; 3/5. Jones, MS) CO)
- 6020 1100 R. Victoria, SS, ID, mx, nx @1104; (433; 2/26. Zilmer, WI)(422; 2/25. Knight,
- 6175 1023 R. Tawantinsuyo, SS, "Esta es Radio Tawantinsuyo, primera emisora," (342; 2/13. Jones, MS)
- 6195 1021 R. Cusco, SS, "Transmite R. Cusco," mx; (352; 2/13. Jones, MS)

SURINAM-SRS

- 4850 0529 EE ID, Dutch, OM "Put On Your Dancin' Shoes," other pop mx, (343; 2/25. Catalano, NY)(544; 2/27. Worrel, ND)(434;2/13.Knight,CO)(454;2/27.Jones,MS)

URUGUAY-S.O.D.R.E.

- 11885 2343 EE/SS, ID, fqys, tlk about Uruguay's postal service, by YL, went into SS @2348, QRM de Spain on 11880 (544; 2/13. Worrel, ND)

VENEZUELA

- 3225 1034 R. Occidente, SS, OM DJ w/ local mx and ads (222; 3/6. Moore, PA)(343;2/14 Jones, MS)(loud level; 2/13. Nikolich, IL)
- 3255 1006 LV del Tigre, SS, romantic mx px; (252; 3/6. Moore, PA)(443; 2/19. Jones,MS)
- t3325 1205 R. Monagas, SS, OM, long rel, tx. on hands of God, no ID hrd; (534; 3/8. Thompson, CA)
- 3355 1012 R. Impacto, SS, local type mx, many ments. of Venezuela, ute QRM (232; 3/6. Moore, PA)(0537* because of beisbol game, 433; 2/8. Cucura, PA)([Yes, Art, that was Impacto running overtime, as Vladimir Cucura's logging above shows. cpjh] 212; 2/8. Getzel, NY)
- 3395 1049 R. Universidad, SS, ID, tlk, many TC's, Venezuelan mx; (443; 2/21. Jones,MS) (322; 2/25. Thompson, CA)(322; 2/28. Tannenwald, NY)
- 4770 0151 R. Bolívar, SS, "Grand Domingo Musical" px; (444; 3/12. Jones, MS)([Banco de Venezuela ad, sports match, running late]; 444; 3/4. Getzel, NY) +5
- 4800 0245 R. Lara, SS, LAm mx, cmt by OM, short ID (333; 3/4. Jones, CA)(432;3/2 Thompson, CA)
- 4820 0925 R. Tricolor, SS, orch. mx to *0930 & ID, NA, mx; (453;3/9. Peters, MB)

CANADA - continued

- 6130 2139 CHNX, Halifax, EE, pop mx, wx, ads, one for McDonald's; (222; 2/18. Cereghin, MD)(322; 2/26. Zilmer, WI)
- FROM MARCH LISTENERS' NOTEBOOK, NASWA/FRENEX, COMPILED BY GLENN HAUSER AND CONTRIBUTED BY ALBERT BROMLEY, ONTARIO, WE HAVE:
- Maclean-Hunter Ltd., says it will purchase a majority of shares of Maritime Broadcasting Co, Ltd. of Halifax which operates CHNX, CHNS (AM) and CHFX-FM. Sale for undisclosed amount is subject to CRTCC approval. Maclean-Hunter says it will acquire 90% of stock with present owners retaining 10%. Maclean-Hunter publishes Maclean's Magazine and operates other Canadian radio and TV stations (Toronto Daily Star 1/26.) Another letter from Jeffrey D. O'Donnell, Mineral Point, PA to Listeners' Notebook says that, as per a letter from CHNX, they receive about 25 letters a week from Scandinavia, Britain, Australis, New Zealand, and the U.S.
- 6160 1105 CKZN St. John's, N'fld., EE, nx, cmt, wx; (333; 2/23. Koelble, OH)
(332; 3/5. Zilmer, WI)(no Emis. R. Granada; 342/ 3/5. Jones, MS)
- 6160 0714 CRVN, Vancouver, EE, class. mx show, //690, ID @0730, as CBC Vancouver; (fair; 3/14. Harms, UT)
- 9535 0300 RCI, EE, world nx; (444; 2/15. Sanderson, AZ)(544; 2/26. Curtis, TN)+1
- 9625 0537 CBCNS, EE, mx, ID; (533; 2/28. Holmes, CO)
- 11720 1515 CBCNS, EE, "Morning Side," tlk about the former glory of Spain, SS mx, interview with puppeteers from Halifax (544; 2/27. Dilk, NJ)(Phone-in show; asked "Do you feel safe in your work-place?" first call was from U.S.[I'm in the offices of Louis Harris at 11:00 sharp typing this, and I don't feel very safe at all, hi! cpjh] 322; 3/4. Ottaway, CO)
- 11775 1703+ BBC Sackville, EE, at 1703 on 3/15 world news suddenly broke in mid-word; after about one minute of dead air some bouncy dance mx came on [undoubtedly the engineers were dancing instead of engineering!]; I checked 15070 kHz just to see whether it was a London problem [per impossible]; BBC was still reporting away merrily; I then checked 17830, and the same music was being played. The problem therefore must have been in the transmission line to Sackville from London. The nx came back on again briefly @1708, and then the music returned, until BBC was permanently restored with Book Choice @1709. (Hansen, NY)
- 11905 *2000 RCI, EE, IS, world nx, sx, etc; (555; 2/3. Schroeder, WI)
- 11940 2300 RCI, FF, ID @2300, QRM 11930; (342; 2/12. Oakley, CA)
- 15260 1808 RCI, EE, nx, sx, ID, African service; (354; 2/15. Wampler, VA)
- 15325 *2100 RCI, FF, IS to 2100, FF nx, mx, etc; (455; 2/10. Ellis, OH)
- 17820 2130 RCI, EE, nx, African svce; Accent Part 3; (555; 2/4. Stone, ON)(Ukrainian svce. to Europe; 544. 2/10. Dilk, NJ)
- 17830 1710 BBC, EE, nx, ID, "Scotland This Week," (433; 3/6. Lattemann, WA)(also see 11775)

COSTA RICA

- 4832 0700 R. Reloj; Aquí Costa Rica; SS, px to nx, mx; EE anmt. @0705: "You are listening to Aquí Costa Rica on Radio Reloj." Gave address for souvenir QSL [Address is the same as the one given last month](555; 2/11. Vranes, PA) +8
- 5055 0350 Faro del Caribe, EE, rel. px, ID @0402, fqs., address, 0404* (222; 2/25. Hodsdon, MN) +4
- 5960 *1030 R. Casino, SS, band mx, "Muy buenos días desde Puerto Limón, transmite Radio Casino," followed by fqs, address, into ranchera mx; (423; 2/13. Jones, MS)
- 6006 0705 R. Reloj, SS, OM w/ pop mx, ID @0712, more mx; (333; 2/17. Thompson, CA)

CUBA-Radio Havana

- 9525 0645 EE, report on Letelier trial, other nx; (433; 2/13. Lattemann, WA)
- 9550 1545 SS, mx, pop, dance; Noticias nacionales e internacionales; (544; 2/25. Smith, FL)
- 11725 0140 EE, nx @0130, cmt on China/Japan conflict, then anmt about R. Havana's contest (434; 3/3. Curtis, TN)
- 11760 0500 EE, OM, YL, Lam mx, [1st prize in contest - 2 weeks in Cuba -- do I have to go on?? cpjh](454; 2/22. Smith, CA) +3
- 11930 0430 EE, tlk on prisoners, etc; (434; 2/22. Oakley, CA) +7
- 11970 2200 SS, IS, ID, anthem, to Sam; (444; 2/19. Smith, FL)
- 15230 +644 SS, tlk, ID, fqs; 1645* (433; 3/6. Lattemann, WA)(323; 2/23. Oakley, CA)

DOMINICAN REPUBLIC-Radio-Televisión Dominicana

- 5967 1830 SS, mx, nx, anmts, ID (333; 2/27. Tannenwald, NY)(5970; 433; 2/13. Zilmer, WI)

GRENADA - R. Grenada [See Las Noticias]

- 15105 2020 EE, cricket match between Jamaica & Australia, (222; 2/24. Lobdell, MA)(211; 2/19. Cereghin, MD)(343; 2/10, [2110] Snyder, NY)(434; 2/17. Smith, MA)

GUATEMALA

- 2390 1113 LV de Atitlán, SS, ID's, ranchera mx, two songs by Alvin & The Chipmunks!!! (Remember them? ch)(354; 2/28. Moore/Saylor, PA)

GUATEMALA - continued

- 3300 1208 R. Cultural, SS/EE, OM t1k in SS, hymn, EE ID @1228 (322; 2/21.Lattemann,WA)+4
- 3325 0230 R. Maya, SS, mx, ID's, RTTY QRM (322; 3/4. Jones, CA)
- 3360 1054 LV de Nahualá, SS, ID: "R. La Voz de Nahualá de Guatemala," (423; 2/25. Knight, CO) +2
- 3380 0220 R. Chortis, SS, tlks, LAM mx, (333; 3/7. Thompson, NM)(343;2/26. Lobdell,MA) (song: "Managua, Nicaragua," ;más musica tropical! [333; 2/6. Blaize,LA])+2
- 4825 0201 R. Mam, SS, quick ID, marimba mx, het; (422; 2/11. Knight, CO) +2
- 4835 1108 R. Tezulutan, SS/Indian ID's, mx; on 1 hr. early (433; 3/1. Lobdell,MA)(10200* mx] 444; 2/28. Thompson,NM) +2
- 6180 1045 R. Nacional, SS, mx, anmts, ID; (333; 2/19. Tannenwald, NY)((anmts, song by children, B.D., Guatemala; América] 444; 2/28. Pettit, IA)

HAITI

- 9770 0000 4VEH, EE, 0000*, address; 352; 2/25. Forbes, TX)(454;2/13.Hill,VA)
 - 11835 1230 4VEH, EE, mx, Bible quotes, ID @1230; 454; 2/15. Smith, MA) +5
- Bob Donly sent me a rather curious verie letter from La Voix du Nord, which "verified" no frequency, the wrong date, on a px that probably wasn't theirs, but La Voix du Nord-Ouest!

HONDURAS

- 4820 0310 LV Evangélica, EE, OM, "Dr. J. Vernon McGee," (433; 2/8. Hrivnak, IL) +3
- 4890 0200* R. Lux, SS, ID, call (444; 2/18. Jones, MS)
- 4965 1120 R. Landia, SS, campesino px; mx; (444; 3/9. Jones, MS)

MÉXICO

- 2390 0203 R. Huayacocotla, SS, call, ID, would be back @ 3 PM, manana; (453;3/8.Jones,MS)
- 2450 0110 R. Cinco, SS, OM, mx; (423; 2/18. Oakley, CA)
- 5985 0505 R. México, SS, ID, mx; (323; 2/19. Jones, CA) +1
- 6105 2210 Su Pantera, SS, ID as "R. Merida," (!); (333; 2/11. Oakley, CA) CA) +3
- 6115 1645 R. Univ. de Sonora, SS, class. mx, for 30 min, ID @1715; (444; 2/17. Aspiotes, 6185 0701* R. Educacion, on tip from Ernie Behr via Dave Walcutt, hrd. 2/20 after DW clears @0550; soft-spoken YL ancr giving frequent ID's mentioning XEEP 1060 AM, and XEPPN (or M) SW on 6185. Weeknightly px at "2330-0100" address at closing sounded like: "Ángel Raza 622, Colonia del Valle, Ciudad de México." Former fq. of LV del Maestro. Apparently signs off earlier on GMT Monday (Sun. evening EST)(Hauser, TN)
- 11770 0330 R. México, SS, ID's, sked; (433; 2/24. Forbes, TX)
- 15160 0238 LV de la América Latina, SS, ID's, TC's, mx, anmts; (433;2/21.Jones,CA)
- 15430 0022 R. Mexico, SS, class. mx; ID's, QRM AFRTS to 0000, from VOA from 0300 co-channel (555; 2/14. Worrell, ND) +1
- 17765 0030 R. México, SS, tlk, mx, ID's [//15430 (422)](353; 3/7. Zilmer, WI)

MONTSERRAT-DW Caribbean Relay

- 11705 0734 GG, nx; (343; 3/12. Smith, CA)
- 15140 1520 GG/EE, nx, ID in EE; (343; 2/27. Smith, FL)

NETHERLANDS ANTILLES

- 6165 0555 RN, EE, His & Hers (444; 2/13. Lattemann, WA) +3
- 9590 0249 RN, EE, DXJ, (544; 2/23. Holmes, CA) +3
- 9715 *0830 RN, EE, Happy Station; (544; 2/25. Thompson, CA) +3
- 9770 0730 RN, EE, Happy Station, (353; 2/18. Proom, GB)
- 21640 2050 RN, EE, His & Hers; (444; 2/20. Sanderson, AZ)

NICARAGUA - Clandestine R. Sandino

- 7585 0520-0558*; 0528-0623*; 0502+; 0458-0555* on 3/5-3/8 in order; SS, opens and closes with anthem, anti-Somoza, anti US, pro-Sandinista tlks, some revolutionary songs, ID: "R. Sandino, Voz de la Revolución de Nicaragua." (Peters, MB) (Very good, cpjh!)

UNITED STATES OF AMERICA

- 1620 0700 WGOR, NY, EE, Larry & Danielle DJ's, phone-in, (233; 2/10. Saylor, PA)
- 1623 0700 WPRN, New England; EE, "Admiral Jolly Roger," DJ, phone in px #: 617-791-1117, rock mx, call and was promised QSL (322; 2/10. Saylor, PA)
- 6420 0702* KVHF, EE, Various types of mx, abrupt s/off, but finally an ID from this guy. (544; 3/8. Harms, UT)(also on 3/13, which Bill called in to me. Tnx, Bill)
- 7410 0245 Voice of Venus, EE, end of BC, "You've been tuned in to the Voice of Venus; this is Scott Wylld, your announcer," (444; 2/16; Koelble, OH)
- 7425 0248 R. Liberation, 0248 w/ O What a Beautiful Morning' 0259 Pol Pot Exile Show; 0324* w/ Deutschland Über Alles. Claims LA as QTH, but Glenn thinks its in FL. intermittent 0130-0430 GMT Sun-Mon. (2/19; Hauser, TN)
- 11785 0200 AFRTS running All Things Considered (NO,Ms. Oakley, it wasn't the sunspots! AFRTS skeds ATC: 0100-0230 W; 2300-0000 S&S.(423; 2/14. Oakley, CA)

That logging of VOA on 10240 last month was not SSB exactly, but LSB - Independent Side Band. That allows the VOA to feed 2 different pxx. on the same fq. Special equipment is needed to separate the sidebands (there is a diff. px. on the lower and upper SB's)

*Ran out of room below;
see you in May!
73's
Chris*



EDITOR
TIM McCURDY
271 Starlight Crest
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Deadline: 15th
Times and Dates: GMT
Frequencies: MHz

ALBANIA

5057 0551 Gjirokaster; Albanian drama prgm w/ 2 women (433 2/27 Holmes-CO)(Snyder-NY)
7065 0320 R. Tirana; EE tx about communist party of Mexico followed by ID and sign-off (333 2 Curtis-TN)
7080 0640 K. Tirana; EE nx ID then discussion of communist party (242 1/25 Chinakos-W)(Brodsky-NY)
7120 0235 K. Tirana; EE "Agriculture in Albania" Marxism & Lennonism marches (534 2/19 Stone-UNT)(Worrel-ND)(Moore-PA)
7300 0344 K. Tirana; EE y1/ tx on the arms race, demonstration by students in Min-hasa and US Imperialists ID NA (433 2/25 Mayer-CA)(Sanderson-AZ)(Dilk-NJ) t 5
9480 2057 K. Tirana; EE "This is the end of this bct" off at 2058 (444 2/17 Snyder-NY)
9747 0230 R. Tirana; EE to NA drifting down from 9745 (343 3/6 Lobell-MA)
9790 1410 K. Tirana; EE commentary on 2nd week of China's aggression of Vietnam (322 2/26 Smith-FL)

AUSTRIA

5945 0455 ORF/ GG IS ID nx nx (232 2/26 Smith-FL)(Latteman-WA)(Holmes-CO)
6000 0634 ORF; GG folk nx ID wld nx by OM not // to 6155 (322 2/18 Lobell-MA)
6155 0140 ORF; EE interference by several stations but got some relief by using Autek Filter in notch. Discussions about health services in Austria (432 2/11 Earhart-PA)(Wampler-VA)
9770 0129 ORF; EE ID y1 w/tx about Austrian nx heavy QRM at 0135 unreadable (343 3/2 Earhart-PA)(Hrivnak-IL)(Curtis-TN)(Wampler-VA)(Fraser-MA)(Yajko-PA)(Forbes-TX) t 10
12015 2059 ORF; GG IS ID s-on tx QRM-VUA (433 2/19 Brodsky-NY)
15335 1837 ORF; EE report on quick ways to gain Austrian citizenship devised by many people (333 2/21 Latteman-WA)
17710 0830 ORF; EE ID nx "Report from Austria" (332 2/9 Smith-FL)
21530 1300 ORF; EE wld nx (555 2/18 Proom-GB)(Fraser-MA)(Earhart-PA)
21590 0840 ORF; EE "Austria Calling" prgm tx about the topography of Austria (554 3/8 Carrier-VA)

BELGIUM

6080 0050 BRT; EE nx "Brussels Calling" (333 2/11 Drew-TX)(Cereghin-MD)(Yajko-PA)(Howard-CA)(Fallows-UNT)
17740 1737 BRT; EE nx commentary freq's (444 2/22 Miller-CA)
21460 1604 BRT; FF tx by OM/y1 (343 2/27 Dilk-NJ)

BULGARIA

5914 2130 R. Sofia; EE IS ID s-on CM nx (444 2/13 Blom-NY)

RADIO MOSCOW RELAY

9665 0001 EE; "Moscow Mailbag" (322 3/11 McCurdy-CA)

RADIO SOFIA

9705 0020 EE; folk ensemble nx about Romanian Communist Party and Bulgarian commie Party meeting last November (222 2/17 Byron-NY)(Fraser-MA)(O'Brien-BC)(Bloom-NY)(Miller-CA)
9765 0430 EE; ex-7115 DX prgm repeat at 0445 clear at this time but QRM'd at 2130 (2/12 Mauer-TN)(Holmes-CO)(Drew-TX)
11925 2150 EE; Bulgarian nx (3/11 Findlater-CA)
17825 1832 EE; nx prgm lost at 1845 to station (343 2/24 Nutter-VA)(Yajko-PA)

CZECHOSLOVAKIA

7345 0318 R. Prague; EE y1 w/ ID csty (443 2/25 Mayer-CA)(Sanderson-AZ)(Curtis-TN)(Pettit-IA)(Hodson-MN)(Wampler-VA)(Holmes-CO) t 15
11990 1445 R. Prague; EE tx on tourism, College's and Universities (534 2/28 Miller-CA)(Yajko-PA)(Davidonis-MA)(Rudolph-AL)(Koeible-OH)
17775 0735 R. Prague; EE IS ID s-on wld nx (444 2/20 Cereghin-MD)(Carrier-VA)
17840 1551 R. Prague; EE nx prgm many ID's (343 1/20 Naylor-CA)

DENMARK

15165 1730 R. Denmark; EE IS ID to Greenland (333 2/17 Kavalesky-OH)(Byron-TX)(Holmes-CO)(O'Brien-BC)(Oakley-CA)(Brodsky-NY)

FINLAND

9565 2330 R. Finland; EE terrific QRM from jamming of RFE on 9565. (421 2/13 Earhart-PA)(Blom-NY)
 11800 2330 R. Finland; EE wld nx "Focus" prgm (O'Brien-BC)(Thompson-CA)(Holmes-CO)
 11910 2134 R. Finland; EE discussion of cooperation of Nordic countries (422 2/23 Holmes-CO)
 15400 1310 R. Finland; EE nx and sx "Focus" ID (2/19 Nikolich-IL)(Earhart-PA)(Fraser-MA)(Hodson-MN)(Schroeder-WI)(Ellis-OH)(Dilk-GA)

FRANCE

15300 1746 RFI; EE PCA on playing afro mx nx bulletin (343 2/10 Ellis-OH)(C'Brien-BC)(Aspiotes-CA)(Leeman-RI)
 15360 1902 RFI; FF nx on playing disco club mx (454 2/11 Ellis-OH)
 17770 1656 RFI; FF ID nx //17860, 17795 (243 2/27 Holmes-CO)(Snyder-NY)
 17850 1705 RFI; EE "PCA" prgm of mx nx (534 3/8 Thompson-CA)(Curtis-TN)(Pettit-IA)
 17890 1735 RFI; EE PCA mx nx (444 2/10 Koelble-OH)
 21580 1710 RFI; EE PCA (333 2/20 Marable-GA)(Koelble-OH)(Dilk-NJ)
 25800 1145 RFI; FF tx mx ID sx (353 3/7 Zilmer-WI)

GERMANY (FED REP)

TéléDiffusion de France

DEUTSCHE WELLE

3995 0143 GG; Anthem ID off 0150 (322 2/27 Catalano-NY)
 6075 0140 EE; tx on Iran and Jewish immigration from the USSR (444 1/16 Willis-PA)
 6085 0130 EE; wld nx cnty on China's attach on Vietnam (543 2/19 Dilk-NJ)(Willis-PA)
 9605 0130 EE; nx current affairs magazine //6085 (422 3/6 Zilmer-WI)(Oakley-CA)
 11765 0453 EE; "Science Magazine" ID mx (434 2/17 Koelble-OH)(Hrivnak-IL)
 15275 1400 GG; mx nx from Munich (454 2/18 Proom-GB)
 21600 1200 EE; nx "Mailbag" business nx (443 2/12 Fraser-MA)(Zilmer-WI)
 21680 0930 EE; wld nx about Carter going to Middle East (454 3/8 Carrier-VA)

RADIO LIBERTY

9750 *0400 Armenian; IS s-on tx (333 12/30 Blom-NY)

SÜDDEUTSCHER RUNDFUNK

6030 0740 GG; on/yl DJ's lite mx ads nx at 0800 (343 2/28 Moore/Saylor-PA)

SÜDWEST FUNK

7265 0715 GG; tx by on vocal mx QRM-ARU (322 2/27 Saylor-PA)(Moore-PA)

GERMANY (DEM. REP)

9730 *0100 RAI; EE ID mx commentary (333 2/24 Wampler-VA)(Zilmer-WI)
 11805 0110 RBE; EE mx about NATO exercises local sx // 9730 (434 3/6 Yajko-PA)
 15170 1830 RBE; EE "Mailbag" ID sked (333 2/7 Kavalesky-OH)(Getzel-NY)
 15240 0529 RBE; GG IS on w/ID (433 2/25 Mayer-CA)
 17740 0710 RBE; EE "You Asked for It" (554 3/8 Carrier-VA)

GREECE

9655 2300 VOG; Greek ID mx (323 2/17 Pettit-IA)
 9710 0600 VOG; Greek mx (333 12/31 Blom-NY)
 9760 0201 VOG; Greek commentary by on/yl EEID mx (333 2/10 Naylor-CA)
 11730 0015 VOG; EE ID on mx about Iran wld mx (333 2/13 Hodson-MN)(Aspiotes-CA)(Zink-CA)(Earhart-PA)(Prath-FL)(Stone-ONT)(Latteman-WA)
 17830 1216 VOG; EE on w/ ID mx folk mx (322 2/12 Curcura-PA)(Prath-FL)

HUNGARY

6000 0230 R. Budapest; Hung "Szuloföldünk" prgm talked about the problem of flood control (443 2/7 Byron-NY)(Cereghia-MD)(Rudolph-AL)(Yajko-PA)
 11910 0300 R. Budapest; EE mx comment on Iran (533 2/13 Fallows-ONT)(Zink-CA)(Hrivnak-IL)(Koelble-OH)(Marable-GA)(Curtis-IN)(Holmes-CO)

ICELAND

12175 1245 Voice of Iceland; Icelandic mx yl at 1300* (253 2/28 Moore-PA)

ITALY

6010 0120* RAI; EE tx about womens fashions (333 2/18 Snyder-NY)
 9575 *0100 RAI; EE national & wld mx by on mx off at 0120 (533 2/23 Dilk-NJ)(Taussig-CA)(Wampler-VA)(Earhart-PA)(Hodson-MN)(Curtis-TN)(Zink-CA)(Drew-TX)

ROMANIA cont

15365 0530 R. Bucharest; EE ID yl/ nx tx letters from listners (333 2/20 Houson-MN)

SPAIN

9360 *2245 SFR; SS s-on with IS ID nx and nx (523 2/8 Schroeder-WI)(Smith-FL)
 (Mollinger-NJ)(Prath-FL)(Latteman-WA)
 9530 2245 SFR; SS IS ID anthem nx (443 2/4 Smith-FL)
 9630 0535 SFR; EE nx nx (433 2/23 Wortman-WI)(Rudolph-AL)(Hensley-TX)(Brodsky-NY)
 (Blom-NY)
 11775 0300 SFR; SS tx ID (343 2/16 Harrington-CO)
 11840 2200 SFR; EE nx nx (444 2/5 Holmes-CO)(Blom-NY)(McCurdy-CA)
 11880 0530 SFR; EE tourist guide to NW Spain ID nx (433 3/5 Latteman-WA)(Wampler-VA)
 (Rudolph-AL)(Stone-ONT)(Smith-FL)(Oakley-CA)(Holmes-CO)(Dilk-NJ)
 15290 2102 SFR; SS nx by om ID (454 2/3 Donly-SC)

SWEDEN

9695 0245 R. Sweden; EE "Panorama" nx nx (434 2/20 Sanderson-AL)(Holmes-CO)(Zilmer-
 WI)(Wampler-VA)(Lilk-CA)(Stone-ONT)(Blom-NY)
 11705 *0000 R. Sweden; Swedish freq's (323 2/19 Oakley-GA)(Zilmer-WI)(Thompson-CA)
 (Barhart-PA)(Smith-FL)
 11905 0032 R. Sweden; EE "Panorama" "Sweden Calling DX-ers" (? 2/14 Wampler-VA)
 (Snyder-NY)
 15240 1608 R. Sweden; EE tx about hijacking (544 3/3 Miller-CA)(Naylor-CA)
 21505 1430 R. Sweden; EE "Letterbox" prgm and interviews (323 3/4 Uttaway-CO)
 21555 1731 R. Sweden; Swedish SSB nx by om (222 2/27 Holmes-CO)
 21615 1400 R. Sweden; EE tx about Sweden "Panorama" (? ? Rudolph-AL)(Fraser-MA)
 (Barhart-PA)(Hodson-MN)

SWITZERLAND

3985 0715 SRI; EE nx (2/9 Nikolich-IL)(Thompson-CA)
 6135 0203 SRI; EE tx by 2 om about India (422 2/12 Oakley-CA)(Stone-ONT)
 9535 1630 SRI; FF nx ID (433 12/29 Blom-NY)
 9660 0150 SRI; EE nx heavy QRM (422 12/31 Blom-NY)
 9725 0145 SRI; EE nx about Prime Minister Begin arriving in Washington nx about the
 Chinese invasion of Vietnam (444 3/2 Barhart-PA)(Curtis-TN)(Fraser-MA)
 (Holmes-CO)(Thompson-NM)(Hrivnak-IL)(Smith-CA)(Blom-NY)
 11715 0140 SRI; EE IS ID TC sked "Dateline" // 6135, 9660, 11780USB (533 2/27 Holmes-
 CO)(O'Brien-BC)(Hodson-MN)(Leeman-RJ)(Variable-GA)(Drew-TX)(Forbes-TX)
 11780 0145 SRI; EE experimental bact "Dateline" prgm (433 2/14 Byron-NY)
 15305 0920 SRI; EE ID "Dateline" s-off 0930 (344 2/20 Wampler-VA)(Latteman-WA)
 (Coleman-MA)(Zilmer-WI)(Cereghin-MN)(Brodsky-NY)
 17830 1100 SRI; EE nx "Dateline" (342 3/7 Zilmer-WI)
 21520 1100 SRI; EE "Swiss Merry Go Round" (353 2/10 Proom-GB)(Carrier-VA)
 21570 1700 SRI; Italian nx lively nx off at 1730 then into AA (543 2/22 Dilk-NJ)

UNITED KINGDOM

7150 0545 BBC; EE IS ID TC (433 2/25 Mayer-CA)
 9410 2340 BBC; EE jazz nx (333 12/29 Blom-NY)
 9915 2310 BBC; EE nx ID prgm info "Letter from America" (343 2/4 Smith-FL)(Blom-NY)
 (Holmes-CO)
 11750 0145 BBC; EE report on religion ID wld nx (554 2/1 Schroeder-WI)
 11955 0700 BBC; EE om w/ wld nx (444 3/12 Smith-CA)
 15070 0015 BBC; EE nx w/ yl (555 3/6 Coleman-MA)
 21470 1340 BBC; EE "What's New" pop nx nx requests (? 2/7 Smith-FL)
 21555 1630 BBC; EE commentary (243 2/27 Holmes-CO)

UNION OF SOVIET SOCIALISTIC REPUBLICSR. BAKU

6135 0210 RR yl w/ nx QRM (322 2/18 Oakley-CA)

R. KIEV

7150 *0030 EE; ID nx "Meet the Youth" (444 2/9 Cucura-PA)
 7215 0320 EE; ID DX prgm letters (533 3/1 Wampler-VA)
 15100 0030 EE; ID home nx increase in housing costs (343 2/27 Wampler-VA)
 15240 0030 EE; IS ID wld nx (333 1/23 Lilk-CA)(Smith-FL)
 17870 0041 EE; wld nx nx (434 2/18 Sanderson-AZ)(Tausig-CA)(Oakley-CA)(Curtis-TN)
 (Smith-FL)

MAYAK

7205 0400 RR; via Armavir IS s-on in RR (444 2/23 Prath-FL)

MINSK

7420 2130 Byelorussian; organ IS om ID yl annt nx (242 1/17 Moore-PA)

ITALY cont

11800 0100 RAI; EE mx cnty //9575 (422 3/6 Zilmer-WI)
 11905 0355 RAI; EE mx pre Lenten Mardi-Gras celebration (344 2/27 Møllinger-NJ)
 17770 1830 RAI; Italian ID mx QRM (332 2/24 Prath-FL)
 17815 1659 RAI; Italian TC s-on on announc sked (333 2/12 Naylor-CA)

LUXEMBOURG

6090 0059 R. Luxembourg; EE rock mx very brief mx (433 3/8 Donahue-CT)(Latteman-WA)
 (Forbes-TX)(Brodsky-NY)(Cereghin-MD)

MALTA

6100 0128 DW; EE IS ID freq's mx piano mx (333 3/6 Thompson-MN)
 9565 0148 DW; EE s-off amnts (444 2/13 Catalano-NY)(Schroeder-WI)(Hodson-MN)

MICACC

7105 0730 TWR; EE rel tx (454 2/18 Proom-GB)(Koelble-CH)(Sayder-NY)
 9575 0526 TWR; RR IS s-on at 0530 tx (343 2/19 Donly-SC)

NETHERLANDS

9715 0530 R. Nederland; mx pop mx cloud # 9 (555 2/4 Fallows-ONT) This should have
 been sent to Chris. Watch those relay sites ed.
 1740 2057 R. Nederland; AE DX Juke Box rock mx tx on sw antennas (? Dilk-NJ)
 15220 2051 n. Nederland; EE DX Juke Box w/ dx items from Arthur Cushen mx (222 3/1
 Holmes-CO)
 17700 1906 R. Nederland; EE mx prgm (344 2/24 Nutter-vA)(Smith-FL)
 17810 2030 R. Nederland; EE mx report on oil shortages (333 2/27 Drew-TX)

NORWAY

9550 0420 R. Norway; EE "Norway today" "Listeners Corner" (410 1/22 Zink-CA) 410
 George? how can you have a Q in the SIO.ed?
 9590 0158 R. Norway; Norwegian mx sked (533 3/3 Holmes-CO)
 11870 1907 R. Norway; Norwegian IS QRM (423 2/19 Pettit-N)
 15135 0000 R. Norway; EE "Norway This Week" (322 3/5 Zilmer-WI)
 15175 2216 R. Norway; EE interview w/ student (544 2/18 Byron-NY)(Fallows-ONT)
 (Thomson-MN)(Blom-NY)
 17840 1400 R. Norway; EE mx commentary (454 2/25 Fraser-MA)
 21525 1128 R. Norway; Norwegian IS tx (252 3/9 Zilmer-WI)
 21730 1605 R. Norway; EE on ID yl w/ tx about winter in Norway (544 2/11 Schroeder-WI)
 (Hodson-MN)(Blom-NY)

POLAND

6095 0228 Polskie Radio; EE ID into Polish (342 2/11 Sayder-NY)
 7270 0639 Polskie Radio; EE ID w/ tx about Polish Airlines (333 2/28 Cucura-PA)(Blom-
 NY)(Yajko-PA)(Donly-SC)
 9525 *0000 Polskie Radio; Polish s-on QRM (322 2/14 Pettit-IA)(Blom-NY)
 9540 1600 Polskie Radio; EE ID mx tx about Iran (333 12/29 Blom-NY)
 9675 0630 Polskie Radio; EE request prgm (443 2/14 Byron-NY)
 11815 0300 Polskie Radio; EE/Polish ID by yl mx and commentary (333 2/25 Lobell-MA)
 (Mayer-CA)
 15120 0300 Polskie Radio; EE IS commentary about minorities in Poland (444 2/24 Koelble
 OH)(Holmes-CO)(Worrel-ND)(Zilmer-WI)(Zink-CA)(Naylor-CA)(Lobell-MA)(Blom-
 NY)

PORTUGAL

6025 0309 Radio Portugal; EE yl w/ mx in the International Service (333 3/1 Sanderson
 AZ)
 11935 0410 Radio Portugal; EE tx on consumer protection (333 2/5 Zink-CA)(Cucara-PA)
 (Koelble-CH)(Latteman-WA)(Mayer-CA)(Byron-NY)(Sowers-CA)(Marable-GA)
 (Miller-CA)(Holmes-CO)(Hrivnak-IL)(Brodsky-NY)
 17880 1823 R. Portugal; EE mx ID (333 2/14 Kavalesky-CH)
 25690 1158 RFE/RL; RR mx tx mx (342 3/8 Zilmer-WI)
 9670 0930 AWR; EE AWR wild DX mx interview w/ Dick Speakman, former host of DX Juke
 Box (222 3/11 Fisher-MA)

ROMANIA

5990 0220 R. Bucharest; EE tx mx IS (322 2/27 Mitchell-MH)(Cereghin-MD)(Sayder-NY)
 6155 0130 R. Bucharest; EE mx cnt mx (433 3/4 Zilmer-WI)
 9570 0420 R. Bucharest; EE folk mx tx about fresh water lakes in Romania (322 2/15
 Byron-NY)(Holmes-CO)(Findlater-CA)(Yajko-PA)(Moore-PA)
 9690 0407 R. Bucharest; EE ID yl w/ mx on tx (322 2/25 Hodson-MN)
 11940 0645 R. Bucharest; EE excerpts from a speech by the president mx (333 2/15
 Novak-CA)(Willis-PA)(Zink-CA)

UNION OF SOVIET SOCIALISTIC REPUBLICS contR. MOSCOW

4895 0736 EE; "DX Program" ID's. Is this a harmonic? (433 3/10 Latteman-WA)
 5940 0230 EE; via Vinnista "Mailbag" nx (434 2/26 Woltman-WI)
 7105 0730 EE; via Ursha? problems in US and Soviet trade (545 2/8 Boehn-TX)
 7175 2200 EE; via Starobelsk nx (222 2/27 Moore-PA)
 7190 2328 EE; via Armavir wld nx 7200 experiencing trouble last few nights off sudd-
 only this day @ 2335 (454 2/17 Fraser-MA)(Prath-FL)
 7205 0130 EE; via Armavir comments on TV series Holocaust (444 2/23 Blaize-LA)(Moore-
 PA)(Brodsky-NY)
 7240 2300 SS; via Tula commentary heavy QRM ID (545 2/9 Boehn-TX)
 9490 2215 EE; tx on USSR and China relationships (444 2/19 Brodsky-NY)(Dilk-NJ)
 (Nikolich-IL)(Stone-ONT) Via Moscow sorry ed.
 9505 0030 EE; nx "Moscow Mailbag" nx (433 3/4 Zilmer-WI)
 9640 0200 SS; via Moscow ID om/y1 tx (322 2/5 Hodson-MN)
 9685 2325 EE; via Simferpol tx on Soviet elections cnty folk songs (433 3/4 Mitchell-
 NH)
 9710 0114 EE; via Vinnista commentary on Chinese withdrawal from Vietnam (544 3/12
 Taussig-CA)
 9795 2130 EE; via Serpukhov cnt tx "Moscow Mailbag" (444 2/18 Woltman-WI)(Hodson-MN)
 (Smith-CA)
 11630 1800 EE; nx // 15520 (333 3/4 Zilmer-WI)
 11770 1717 EE; via Minsk nx reports reports (343 2/23 Moore-PA)
 11790 1700 EE; via Riazan ID nx nx tx on equality of women (444 3/8 Thompson-NM)
 11870 1908 RR; om/y1 nx items lite nx (444 3/8 Moore-PA) via Kaunas sorry ed.
 12000* 0244 EE; "Moscow in Review" wld wide response to China's invasion of Vietnam (454
 Boehn-TX)(Smith-CA)
 12050 0520 EE; om q/ tx on China vs Vietnam (433 2/20 Brodsky-NY)
 12055 0518 EE; via Armavir on story of Soviet-Hungarian relations (333 3/12 Smith-CA)
 15100 0540 EE; DX program receiver information (333 2/10 Brodsky-NY)
 15140 2240 EE; via Petropavlovsk-Kamchatka "Moscow Mailbag" (322 1/22 Jink-CA)
 15185 0532 EE; nx in brief "Radio Moscow World Service Music Hour" (444 2/25 Mayer-CA)
 (Stone-ONT)
 15445 2220 EE; via Simferpol? om/y1 w/ tx on Ethiopia (222 2/8 Hodson-MN)
 15455 0140 EE; via Petropavlovsk-Kamchatka DX prgm (333 2/17 Prath-FL)
 15460 0508 EE; via Simferpol wld service (343 2/7 Blaize-LA)
 15470 1647 AA; chanting by om // 15480 (333 2/12 Naylor-CA)
 17720 0026 EE; via Petropavlovsk "Moscow Mailbag" Joe Adamov is discussed (544 2/27
 Holmes-CO)
 17730 1624 UNID; om w/ tx on Iran/Kanguchia (333 2/12 Naylor-CA)
 17824 1330 EE; cnt tx nx nx (433 2/27 Woltman-WI)
 17840 0431 EE; via Khabarovsk nx questions from listeners (343 2/5 Smith-FL)
 17850 0800 EE; ID freq's nx nx (332 2/10 Smith-FL)
 17860 0713 EE; nx "News Reel" (333 2/11 Smith-FL)(Carrier-VA)
 17880 0822 EE; yl w/ commentary nx (322 2/10 Smith-FL)
 21490 1200 EE; nx commentary // 15490, 21530 (252 3/8 Zilmer-WI)
 21590 0525 EE; via Serpukev (253 1/24 Hauser-TN)

R. STATION PEACE AND PROGRESS

7380 0334 SS; om w/ commentary (555 2/10 Boehn-TX)
 11720 1325 EE; tx on China (332 3/4 Prath-FL)
 11765 1430 EE; IS "Spotlight on World Events" (243 3/3 Nevak-CA)
 11925 0745 EE; propaganda of support for Middle Eastern workers (333 3/10 Latteman-WA)

RADIO VILNIUS

7150 2318 EE; tx on municipal housing (433 2/19 Earhart-PA)
 7215 2310 EE; "Letterbox" (322 2/26 Saylor-PA)(Cucura-PA)
 15100 2320 EE; om/y1 tx on human rights (323 2/18 Oakley-CA)(Smith-CA)
 17870 *2300 EE; ID nx (333 2/1 Smith-FL)(Aspiotes-CA)

VATICAN CITY STATE

6015 0110 EE; interviews (443 2/7 Prath-FL)(Earhart-PA)
 6210 *0620 EE/Latin; ID into Latin Mass (444 2/17 Ottaway-CC)(Saylor-PA)
 9605 0100 EE; tx about the Pope that was elected in 1939 (444 3/3 Curtis-TN)(Oakley-
 CA)(McCurdy-CA)(Blom-NY)
 11845 0100 EE; rel tx (444 2/25 Miller-CA)(Stone-ONT)
 15120 2207 EE; IS ID rel nx (353 2/19 Smith-FL)
 17900 1700 EE; religious nx and discussion of Pope (222 2/27 Holmes-CO)(Dilk-NJ)
 21485 1115 EE; rel nx (353 3/8 Zilmer-WI)(Smith-FL)

YUGOSLAVIA

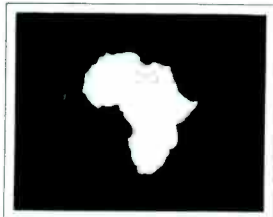
9620 *2200 EE; IS ID anthem nx (422 1/14 Blom-NY)(Worrel-ND)(Byron-NY)
 Just enough room to say thanks to Jim Mayer for the excellent job in my absence. CUN 30

SWBC - AFRICA

Editor:

WAYNE OLIVER
1 Germain Ave
Bradford MA 01830

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



As can be seen, it seems everyone is back to school and back into the same old rut!!! Not too many loggings this month, only 64 reporters, but a few countries are being reported for the first time this year....so on to the loggings....a reminder dates and times are GMT, programs are in English unless otherwise stated and frequencies are in kilohertz.....

ANGOLA

3375 0430 Radio Nacional: PF tlks by OM/YL, ID's at 0530 (323 2/27 Saylor-PA)

ASCENSION ISLAND

7105 0515 BBC-Atlantic Relay: Here's the answer to the Unid "Radio Rainbow" that some have reported. It's BBC's English by Radio for French listeners; it may be carried at several times but I heard it 2/17 at 0515. The listed parallels for M79 are 11790A, 9915, 7210, 6110 (Hauser-TN)
9580 2330 BBC: "London Calling" (433 12/29 Blom-NY) very late...wlo
11860 0720 BBC: "View of the British Press" (343 3/12 T. Smith-CA)
15260 0125 BBC: Tlks on Spain and Basque Nationalists (555 2/27 Holmes-CO)(443 3/5 0000 Zilmer-WI...Bob points out that this pgm is now beamed to South American continent and not NAM.) (532 2/9 2150 Schroeder-WI)(444 3/2 2315 Curtis-TN)(333 2/25 2210 Oliver-MA)
15390 0120 BBC: SS tlks, ID's and TC at 0130 (444 2/10 Naylor-CA)
21660 1100 BBC: World News (352 3/5 Zilmer-WI)(454 3/8 0800 Carrier-VA) (333 3/10 1015 Oliver-MA)

BENIN

4870 2230 LVR: OM tlks in vern, 2300-FF ID, NA 2302* (433 3/2 Cucura-PA)(422 2/13 2217 vern Dilk-NV)(434 2/28 *0600 PF Rzepka-WI)

BOTSWANA

4845 *0345 Radio Botswana: IS, NA Setswana tlks, American pop mx (333 2/16 Ottaway-CO)

CAMEROON

4850 2130 Radio Yaounde: FF/EE tlks, pop mx, 2200-news in FF/EE (444 2/10 Ellis-OH)(253 2/12 Snyder-NY)
5010 0546 Radio Garoua: FF tlks, EE ID at 0601 (333 2/27 Cucura-FA) (333 2/25 0539 vern Mayer-CA)

CANARY ISLANDS

11815 2043 Spanish Foreign Radio: SS s/on mentions of Tenerife, 2130* (322 1/24 Blom-NY) please keep loggings current...wlo

EGYPT

9475 0200 Radio Cairo: SS until 0200, EE s/on (433 2/16 Cereghin-MD) (Holmes-CO)(Oakley-CA)(Dilk-NV)(Curtis-TN)(Forbes-TX) (Aisenberg-CA)
9620 0350 Radio Cairo: AA, W/General AA Service, *0400 (433 3/5 Donly-SC) Sure appreciated the call the other night Bob, I will call soon.....wlo
9805 2200 Radio Cairo: World News (533 2/9 Schroeder-WI)(Hrivnak-IL) (Blom-NY)(Yajko-PA)(Oliver-MA)
12050 2038 Radio Cairo: AA pgms (543 2/8 Dilk)(Lobdell-MA)(Mitchell-NH)
15335 2130 Radio Cairo: FF to W. Africa (422 2/18 Zilmer-WI)

GABON

4777 2312 RTVG: FF comnty, local mx (333 3/6 Donly-SC) Bob you were right...According to an article a friend of mine sent me from Le Monde...a loose translation is that Gabon has one of the most advanced Shortwave complexes in the world, but no one qualified to run it. They cannot decide on what form a foreign service should take...but they do plan to be on the air shortly with at the very least domestic services..wlo (333 2/25 2235 FF Getzel-NY)(444 1/17 2058 Donahue-CT)

GHANA

3366 0551 GBC: folk tunes, tlks by OM, then "On top of the World" by the Carpenters (343 2/27 Lobdell-MA)
4915 2235 GBC: Local mx, ID, Nx (333 2/5 Koelble-OH)(443 2/10 Ellis-OH)

GUINEA

4910 0401 Radio Nationale: FF ID, nx by YL/OM (343 3/1 Lobdell-MA)(333 2/11 Cucura-PA)(poor 2/8 0545 Nikolich)
15310 1930 RN: FF comnty, african music (333 2/11 Hrivnak-IL)

IVORY COAST

4940 2215 RTVI: FF tlks, mx, 2222 ID (243 2/10 Ellis-OHIO)
7215 0702 RTVI: OM/YL FF tlks, mx, ID (good 2/13 Nikolich)
11920 2250 RTVI: OM tlks in FF, ID including freq, TC (433 2/27 Holmes-CO)(432 2/19 2104 FF Dilk-NV)

KENYA

4934 *0329 Voice of Kenya: Flute IS, opening anns, vern lang, mx, nx at 0400 (322 3/2 Saylor-FA)(222 3/2 0339 vern Getzel-NY)

LIBERIA

4770 *0700 ELWA: "Good Morning this is ELWA" into nx (232 2/18 Snyder-NY) (333 2/25 2225 EE Getzel-NY)(343 2/27 0620 EE Carrier-FL)
11835 1810 ELWA: MX, various lang ID's, into AA tlks (444 1/24 Blom-NY)
11860 2100 ELWA: EE rlg programs (433 12/28 Blom-NY)
17870 2340 VOA- Monrovia: VOA Jazz Hour (555 2/3 Smith-FL)(444 2/22 2200 EE ID, nx Thompson-NM)

LIBYA

5980 *0600 SPLAJBC: carrier covering Sierra Leone, anthem, AA ID by OM, then call to prayer (444 2/27 Lobdell-MA)
6206 0430 SPLAJBC: AA chants, Koran readings (343 2/28 Moore/Saylor-FA) (232 2/28 0434 AA Saylor-FA) Brett you got home fast!!! wlo
11700 0714 SPLAJBC: AA chants by OM, ID (232 3/1 Lattemann-WA)(Oliver-MA)

MADAGASCAR

7285 2236 Radio Nederland: Dutch pgms, ID exceptional reception for this freq/time of day (444 2/9 Boehm-TX) not Bonaire??? wlo
11730 2115 RN: "Afro Scene" to Africa (444 2/19 Cereghin-MD)(333 1/24 2030 Blom-NY)
11740 2115 RN: "Conversations" then "Stamp Corner" (434 2/17 Snyder-CA) (444 2/19 Curtis-TN)(333 1/29 Blom-NY)
21480 1450 RN: "DX Jukebox" (434 2/15 Pettit-IA)

MALI

11965 *0756 RNM: Marching mx, FF anns, ID at 0815 (322 2/18 Ottaway-CO)

MOROCCO

15195 0640 VOA: "Farmer's Forum Program" (252 3/8 T. Smith-CA)
21735 1623 RTVM: AA tlks //15360 (222 and 15160 (322. 15335 not heard (243 2/27 Holmes-CO)

MOZAMBIQUE

6005 *0248 RM: IS, multi-lang ID, including EE, NA, pop mx into vern (333 2/24&3/2 Howard-CA) NB! OM....

NIGER

5020 0537 ORTN: FF anns by OM, then folk mx played on stringed instruments (242 2/27 Lobdell-MA)

Not enough room to start Nigeria, so it will begin on the next page...If anyone has plans for a 90/120 mb antenna, it would be appreciated if you could send it along, I should clarify this and say something besides a dipole..wlo

NIGERIA

7255 0526 Voice of Nigeria: unmodulated carrier present until 0600
s/on (555 2/12 Boehm-TX)
11770 0640 VON: Nx by YL, ID, severe het //7255 (544 2/27 Holmes-CO)
(342 2/24 0730 O'Brien-BC)
15120 0630 VON: Nx and Mx of Nigeria (322 3/7 Zink-CA)
15185 0735 VON: Nx, TC and cmnty (333 3/7 Zink-CA)(222 3/8 0650 T. Smith
CA)(343 2/27 0615 Lobdell-MA)(333 3/5 0645 Lattemann-WA)
(333 2/28 0704 Cucura-PA)

RHODESIA

3396 0357 RBC: Devotional hymn, ID, nx, pop mx (323 2/26 Kemp-Blair)
(poor 3/2 0400 Fisher-MA)(poor 2/26 0400 Nikolich)(222 2/28
0410 Saylor-PA)(232 2/23 0403 Moore-PA)(222 2/4 0400 Blom-NY)

RWANDA

15410 0100 DW: GG IS, ID, nx (453 2/21 Smith-FL)(343 2/20 0115 Oliver-MA)

SAO TOME e PRINCIPE

4807 2210 Radio Nacional: PP tlks, mx, no ID heard so tent (221 2/25
Getzel-NY)(fair 2/9 2242-2303* PP Nikolich-IL)

SENEGAL

4890 *0600 Radio Senegal: FF s/on (322 3/5 Pettit-IA)(543 2/28 0604
Holmes-CO)(323 2/27 0630 Saylor-PA)

SEYCHELLES

11855 1600 FEBA: "Back to the Bible" program (423 2/28 Pettit-IA)
11860 *1700 FEBA: IS, OM ID into AA rlg programs (222 2/10 Hodson-MN)
15325 1458 FEBA: IS, unid lang, weak under AFRTS (222 2/17 B. Miller-CA)
15405 0345 FEBA: Farsi pgms, multi lang ID (444 225 Mayer-CA)(333 2/20
0310 Farsi T. Smith-FL)(454 2/28 0305 Farsi Thompson-NM)
(242 2/27 0345 Farsi Holmes-CO)

SIERRA LEONE

5980 *0556 SLBC: IS, "The Rain is Coming" EE ID by YL, prayer, then
covered by Libya's carrier (333 2/27 Lobdell-MA)(333 1/30
2339 EE Koelble-OH)

SOMALIA

9585T 2045 Radio Mogadishu: lang tlks, poss ID at 2045 then EE tlc about
Ethiopia, Nigeria, Mozambique (323 2/26 Saylor-PA)

SOUTH AFRICA

3320 0656 Radio Five: EE/Afr tlks, pop mx, TC, mx (332 2/26 Lattemann)
4810 0409 Springbok Radio: EE commercials, ID (434 2/27 Wampler-VA)
(Dilk-NV)(Stone-ONTARIO)(Mellinger-NJ)(Thompson-NM)
4835 0415 SABC: Tlks on Namibia, then listed freqs (222 2/8 Getzel-NY)
4990 0402 RSA: OM nx, mx, cmnty "Good Morning Africa" (333 2/28 Cucura)
7275 0300 RSA: S/on, nx into cmnty and mx show (333 1/18 Blom-NY)
(344 1/22 0315 Oliver-MA)
9585 *0200 RSA: IS, NA, nx (333 2/23 Blaize-LA)(Curtis-TN)(Stone-ONTARIO)
9610 0220 RSA: "Africa Today", "News in Brief" (555 3/1 Carrier-VA)
(Thompson-NM)(Oliver-MA) the Mrs. got this one...wlo
9685 2000 RSA: ID, news (more detail please ???)(222 12/29 Blom-NY)
9710 0530 Springbok Radio: Pop songs, ads, mx (433 12/30 Blom-NY)
11900 0210 RSA: "South African Panorama" (434 2/24 Oakley-CA)(Schroeder-
WI)(Rzepka-IL)(Hrivnak-IL)(Stone-ONTARIO)(T. Smith-FL)(Blom-
NY)(Oliver-MA)(Getzel-NY)
15155 2147 RSA: ID, s/off (434 2/17 Snyder-NY)(Sanderson-AZ)(O'Brien-BC)
15220 0223 RSA: "South African Panorama", nx, sked (444 2/10 Naylor-CA)
(Somers-CA)(Rudolph-AL)(Sanderson-AZ)(Brodsky-NY)(Forbes-TX)
17780 0617 RSA: "Good Morning Africa" (544 2/11 0617 Brodsky-NY)(Naylor-
CA)(Lattemann-WA)(T. Smith-FL)(Stone-ONTARIO)
17860 0658 RSA: EE/FF pgms (333 2/11 T. Smith-FL)(Oliver-MA)
21535 0610 RSA: OM/YL w/ african nx and cmnty (444 2/11 Brodsky-NY)
25790 1450 RSA: Sports report, pop mx, 1500 nx (453 2/24 Zilmer-WI)
(Proom-GB)(Snyder-NY)(Boehm-TX)(Oliver-MA)(Carrier-VA)
(Hodson-MN)(T. Smith-FL)(Moore-PA)(Saylor-PA)

SUDAN

9585T 2030 Radio Omdurman: snatches of chants (poor 2/13 Nikolich-IL)
I believe Saylor's Somalia logging to be this...wlo

SWAZILAND

3275 0325 Trans World Radio: vern tlks, 0330 ID (2222/12 Cucura-PA)
5055 0330 TWR: Rlg tlks, wiped out by CW 0347 (432 2/8 Dilk-NV)

TOGO

5047 0530 RTVT: FF/Swahili tlks, ID's, mx (333 3/4 Witte-CA)

TUNISIA

7225 0715 RTVT: AA songs, Koran readings (333 2/26 Saylor-PA)(444 2/9
0700 AA George-TX)

UGANDA

15325 *0300 UBC: EE s/on, mx, nx (Cucura-PA)(Sanderson-AZ)(Curtis-TN)
Aspiotes-CA)(Hrivnak-IL)(Dilk-NV)(Oakley-CA)(Fallows-ONTARIO)
(Oliver-MA)(Holmes-CO)

ZAMBIA

4910 0530 Radio Zambia: Swahili tlks, songs (333 3/4 Witte-CA)(poor
3/6 0434 Nikolich-IL)

AFRICAN DRUMBEAT

A rather slow month for Dx news and information....so I decided on a little change of pace for the rest of this months column.... A quiz on african currencies, & languages. All you have to do is match the language or currency listed with the country it is used in...I will donate \$5.00 to HAF in the name of the person who sends me the correct answer first, in case of ties all people will receive credit, perhaps with a little persuasion, our treasurer might spare a few bumper stickers for the winners also... How about it Don J.??? On with the contest...May the best man...oops or woman win!!!!.....

US Dollar

Sao Tome

Kikuyu

Uganda

Syli

Equatorial Guinea

Cedi

Liberia

Dalasi

Kenya

Ekuele

Swaziland

Ateso

Senegal

Lilangeni

Gambia

ESCUDO

Ghana

Wolof

Guinea

Good Luck!

73's

+

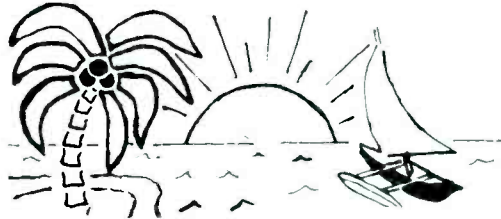
God DX

Wayne

Good Luck!!! Anyone who would like the correct answers can send me a SASE.. and I will forward the answers after a winner is known...BCNU in 30, 3/20/79

ASIA-OCEANIA

BOB BODELL - EDITOR
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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

RADIO AFGHANISTAN

AFGHANISTAN

3/22)

4775 0130 RA: Pushto, OM w/ Qu'ran, sitar mx, lost to P. Bolivar (Hoffman PA)
1524 PA: u/lang OM w/ chanting mx (Uerlings OR 2/14 322)(Naylor CA)
11890 1916 RA: EE w/ economic tlk on Afghanistan, 1920 ID, local mx, 1929*
(Donly SC)

BURMA

4725t 1155 BBS: u/lang w/ YL ancmts, Asian mx (Moore/Saylor PA)(Thompson CA)

CHINA

3200 1145 FFS 2: CC YL w/ tlk, CC mx, // 3400, 4380 (Cucura PA)(Lattemann WA)
3300 1420 FFS 2: CC YL singing, OM/YL tlk (Lattemann WA 2/26 233)
3360 1425 Taiwan Service: CC YL tlk (Lattemann WA 2/26 422)
3640 1450 FFS 1: CC mx, YL ancor, tlk by OM (Lattemann WA 2/13 242)
3830 1535 Taiwan Service: CC YL tlk, inst. mx, IS, tlk (Lattemann WA 2/17 443)
4020 1300 R. Peking: Korean to 1500, nx, cmtry, CC mx, // 5975 (Harms UT 2/27)
4045 1447 FFS 1: CC YL singing (Lattemann WA 2/26 443)
4250 1450 Beijing 2: CC w/ apparent radio drama by OM/YL (Lattemann WA 2/26)
4323 1455 FFS: CC vocals, YL ancor, CW QRM (Lattemann 2/26 433)
4330 1154 FFS 1: CC vocals, YL tlk (Cucura PA 2/11 333)
4785 1053 Zhejiang 1: CC YL w/ vocals, OM tlk, 1058* (Cucura PA 2/11 222)
4905 2257 Nanning: relay Beijing 1, YL CC tlk (Nikolich IL 2/26)
4915 1313 Nanning, Guangxi: poor level w/ YL CC tlk (Nikolich IL 2/9)
4990 1230 Changsha, Hunan: CC w/ IS, YL tlk, nx, cmtry (Miller CA 2/27 544)
5250 1400 RP: CC? w/ IS, s/on, OM/YL tlk, very weak (Naylor CA 2/10 222)
5860 1440 Beijing 1: opera mx, fading (Naylor CA 2/11 343)
5900 1339 FFS 2: CC YL tlk, ID?, opera mx, 1400* (Naylor CA 2/13 333)
6345 1220 Beijing 2: CC mx, vocals by YL, 1230 IS (Donly SC 2/27 252)
6650 1505 Beijing 1: CC OM tlk, // 6750 (Lattemann WA 2/26 343)
7490 0830 RP: JJ OM tlk, mx (Dawson CA 2/19 343)
7516 1510 RP: CC YL tlk, orchestral mx (Lattemann WA 2/26 443)
7770 0904 Beijing 2: CC play (Dawson CA 2/18 353)
9020 1507 Beijing 2: CC YL w/ classical mx, EE mountain mx (Thompson CA 3/4)
9390 1401 RP: Russian w/ IS, s/on OM/YL ancmts, UTE QRM (Naylor CA 2/12 433)
9460 0940 RP: EE tlk on Vietnam, DPRK, CC mx, IDs (Miller CA 2/24 544)
9820 1230 RP: EE cmtry, tlk, mx (Woltman WI 3/2 444)(Mellinger NJ)
9940 2315 RP: CC YL/OM tlk (Smith FL 2/4 343)
9945 1301 RP: Viet, "East is Red" IS, tlk on Viet occupation (Carrier VA)
9970 2330 RP: u/lang w/ IS, OM ID, YL cmtry (Hrivnak IL 3/6 333)
11040 1401 Beijing 2: IS, s/on, CC YL tlk, jamming? (Naylor CA 2/13 242)
11495 0642 RP: mx perm, heavy CW QRM (Dawson CA 2/1 222)
11505 0803 Beijing 2: CC OM tlk (Dawson CA 2/12 353) PA)
11600 1230 V. of Democratic Kampuchea: Cambodian? YL vocals, ID (Moore/Saylor PA)
11650 0020 RP: SS cmtry, mx, political tlk (Prath FL 2/25 433)
11675 0001 RP: SS OM /YL w/ ID, sked, tlk, mx? (Naylor CA 2/13 233)
11685 1635 RP: EE YL ancor, tlk, SW China traditional mx (Lattemann WA 2/13 443)
11695 0030 RP: SS w/ political tlk, mx (Prath FL 2/25 332)
11720 0858 RP: EE YL ancor, tlk on CC machinery manufacturing (Lattemann WA)
12080 2230 RP: s/on u/lang ID, YL nx, tlk (Naylor CA 2/11 333)
12200 0751 Beijing 2: CC mx, a play (Dawson CA 3/1 353)

CHINA (continued)

15030 0000 Beijing 2: CC mx, YL w/ a play (Dawson CA 3/2 353)
15045 0100 RP: JJ nx of LAM (Dawson CA 3/1 353)
15060 0140 RP: EE w/ CC language lesson (Brodsky NY 2/20 444)(Coleman MA)
(Prath FL)(Stone ONT)(Curtis TN)(Earhart PA)(Cereghin MD)(Blaize LA)
15080 0017 RP: CC mx (Dawson CA 2/20 343)
15095 0315 RP: CC tlk by YL (Prath FL 2/17 232)(Brodsky NY)
15150 0535 RP: CC YL/OM tlk, lite mx (Brodsky NY 2/10 433)
15300 0200 RP: SS tlk by OM (Noto CA 2/26 443)(Naylor CA)
15520 0115 RP: EE w/ world nx, cmtry on Hanoi (Stone ONT)(Prath FL)(Smith FL)
15590 0120 Beijing 1: CC tlk YL, children's mx (Noto CA 2/26 352)
15600 0100 RP: EE w/ IS, s/on, nx, cmtry (Prath FL 2/17)(CC @ 2341 Naylor CA)
17635 0950 RP: EE OM tlk, CC mx (Smith FL 2/17 222)
17650 1251 RP: CC mx, OM ancr, s/off (Smith FL 2/11 333) ONT)
17680 0035 RP: EE/CC pgm, // 15060 (Holmes CO 2/27)(Dilk NJ)(Blom NY)(Stone

CYPRUS

6180 2210 BBC Limassol: EE sports, clobbered by CBC @ 2230 (Cereghin MD 2/16
7190 2212 Cyprus Broadcasting Corporation: IS, Greek s/on, tlk (Blom NY 12/2
15420 0542 BBC Limassol: EE w/ Big Ben @ 0545 (Holmes CO 3/1)(Smith CA)

INDIA

3315 1418 AIR Bhopal: political tlk in u/lang, SC vocals, 1430 EE ID, nx (Sparks CA)(Uerlings OF)
4840 1545 AIR Bombay: u/lang w/ mx, chanting, 1600 IS (Oakley CA 2/3 323)
7412 1436 AIR: u/lang tlk by YL, EE ID @ 1445 by OM (Naylor CA 2/12 444)
9950 1446 AIR: EE OM w/ nx, IDs (Naylor CA 2/12 342)
10335 1558 AIR: EE OM tlk, ID, fading (Naylor CA 2/11 343)
11620 1910 AIR: EE cmtry, vocal mx, press review, nx (Fallows ONT 2/12)(Getze NY)(Kavalesky OH)(Blom NY)(Talbot WI)(Dilk NJ)(Catalano NY) + + +
11810 0325 AIR: OM tlk (Noto CA 2/26 332)
11815t2308 AIR: EE OM tlk, nx?, local mx (Naylor CA 2/11 232) ALL INDIA RADIO
15335 1330 AIR: EE w/ IS, 1330 nx, cmtry, mx, // 11810 (Zilmer WI 3/3 422)
17705 0345 AIR: Hindi (WRTH) tlk, Indian inst. mx (Ottaway CO 2/15 333)(Naylor

INDONESIA

NUSANTARA I UJUNG PANDANG

3120 1500 RRI Dili: Indo w/ Jakarta nx relay, poor mod. (Sparks CA 2/11+)
3239.5 1500 unid Indo relaying Jak. nx, not Ambon (Sparks CA)
3242 1400* RRI Ambon?: Indo YL w/ mx (Uerlings OR 2/12 222) (Sparks CA)
3265 1430 RRI Bengkulu: Indo songs, 1500 Jak. relay, clear of Gorontalo
3266 1430 RRI Gorontalo: drifted up here, YL ancr, ID, Jak. nx (Sparks CA)
3293 1430 unid Indo 1530*, after Indo songs, kroncong mx, not Samarinda(Sparks
3316.5 1430 unid RPD w/ partial ID, 1500 Jakarta nx relay (Sparks 2/12)
3325t 1520 RRI Palangkaraya: Indo OM tlk, IS, 1522* (Uerlings OR 2/10 322)
3367 1445 R. Angkatan Udara, Medan: Indo songs, rock mx, 1500 Jak. nx (Sparks)
3421 1430 RPKP Tk2 Lebak: local nx, Indo songs, 1500 ID, s/off (Sparks CA)
3762t 1504 RRPD Tk2 Tuban: Indo OM w/ long tlk (Uerlings OR ??? 222)
3905t 1513 RRI Banda Aceh: Indo OM w/ nx (Uerlings OR 322 2/8)
4000t 1459 RRI Kendari: Indo OM ancr, followed by nx (Uerlings OR 2/14 212))
4002.5t 1457 RRI Padang: Indo w/ Jakarta nx, het. from Kendari (Uerlings OR 2/14
4087 1430 RPD Tk2 Blitar: Indo songs, YL/OM ancr, ID, "SCI", Jak. nx (Sparks)
4164 1510 RPKPK TK2 Nganjuki: Jakarta nx, ID by YL, kroncong mx (Sparks CA 2/1
4600t 1517 RRPD Tk2 Trenggalek: Indo OM w/ long tlk, mx (Uerlings OR 2/13 222)
4719 1240 RRI Ujungpandang: Indo mx, ancmts, "SCI", 1300 ID (Lazarus LA 2/18)
4753 1237 RRI Ujungpandang: Indo mx, ancmts, "SCI", ID, nx (Lazarus LA 2/16)
4875 1315 RRI Sorong: Indo OM, // 4719, 4753, 4845 (Nikolich IL 2/14)
4927t 1555 RRI Jambi: Indo w/ chanting, OM w/ ancmts (Uerlings OR 433 2/8)
11789 1410 VOI: EE w/ Indo lessons, nx, asks for reports, 1459* (Peters KY)
(Ottaway CO)(Holmes CO)(Fisher MA)(Pettit IA)(Snyder NY)(WorrelND)+
15200 0829 VOI: EE YL w/ mailbag, mx, into Malaysian @ 0900 (Norcross HI 3/11)

IRAN

9022 2000 V. of Iran's Islamic Revolution: EE IDs as VOI and VOIR (Fisher MA
(Mitchell NH)(Mappin WA)(Thompson NM)(Leeman RI)(Prath FL)(Cereghin)
15084 0053 VOIR: Farsi w/ nice mx, polar flutter (Holmes CO)(Lattemann WA)
(Prath FL)(Dilk NJ)(Dawson CA)(Harrington CO)(Pettit IA)(Somers CA)

Radio Baghdad International
The Voice Of The Iraqi Republic

IRAQ

3242t 1500 R. Baghdad: believed the one, AA mx, nx, flutter (Sparks CA 2/14)
9745 2145 RBI: EE pol. tlk, ID, mx, nx, 2223* (Schroeder WI)(Blom NY)(Dilk++)

ISRAEL

7412 2230 IBA: EE nx, editorials, radio play (Fraser MA 2/8)(Marable GA)
(Wampler VA)(Blom NY)(Boehm TX)(Hodsdon MN).....



ISRAEL (continued)

9435 2230 IBA: EE w/ IS, ID, nx, "TGIF" (Thompson NM)(Blom NY)(Hodsdon MN)
 9815 2230 IBA: EE w/ Asian nx, Israeli nx, editorial (Davidonis MA)(Woltman)
 9833 0500 IBA: EE nx (Rudolph AL 2/18 434)(Beauregard QUE)(Woltman WI) lich)
 11620 0500 IBA: EE nx by OM, apologies for short nrcast, // 11650, 15105(Niko-
 11638 0500 IBA: EE nx, 0515 into FF, // 11655 (Carrier VA)(Blom NY)
 11655 2000 IBA: EE tlk, Israeli songs (Byron NY 2/9 554)(Brodsky NY)(@ 2230
 Dilk NJ)(Earhart PA)(Hrivnak IL)(@ 0500 Zink CA)(Holmes CO) + + +
 IBA: EE w/ shortened nx version (Zilmer WI 3/5 332)
 15415 0512 IBA: EE nx by YL, wx, editorial, "shalom", 0515 FF (Blaize LA 2/7)
 15485 2230 IBA: EE nx, cmtry, "Calling All Listeners" (Zilmer WI)(Zink CA)
 15540 1200 IBA: EE nx, cmtry, wx, sports, ads (Zilmer WI 3/5 242)
 15545 2000 IBA: Hebrew HS w/ nx, cmtry, pop mx, local mx, // 11635 (Zilmer WI)
 17630 0634 IBA: Hebrew HS w/ swing mx, tlk, rock mx (Smith FL 2/11 332)
 17640 2230 IBA: Hebrew HS, pop mx, local mx, EE tunes, // 17630 (Zilmer WI)
 17685 *2230 IBA: EE "Calling All Listeners", DX prgm, // 9815, 11620, 11655, etc
 17875 1759 IBA: RR w/ IS, ID, then jamming (Getzel NY 2/17) / (Hoffman PA)
 21495*1200 IBA: EE nx of negotiations, tlk on Carter (Zilmer WI 3/7)(Miller CA)
 25605*1200 IBA: Hebrew w/ nx, cmtry, mx (Zilmer WI 3/7 352)
 25640*1200 IBA: EE nx, tlk on Carter's visit, // 21495 (Zilmer WI 3/7 252)

NIPPON SHORT WAVE BROADCASTING.. LTD.JAPAN

3910 1235 Far-East Network: EE OM w/ rock mx (Thompson CA 3/8 222)
 3925 1544 NSB: EE/JJ w/ radio drama, ID, ads, EE pop mx, JJ ads (Lattemann WA)
 3945 0930 NSB 2: EE w/ "Let's Learn Japanese" (Collins OR 2/19 433)
 6055 1604 NSB: EE nacs, pop mx, ads, ID (Howard CA)(Noto CA)(Lattemann WA)
 6155 0855 FEN: EE w/ rock mx, wx, ID, jingles, 0900 TPs, nx (Lattemann WA 3/5)
 9505 1300 R. Japan: EE OM w/ sked, nx (Hrivnak IL 2/10 333)
 9585 1300 RJ: EE ID, mx, in GOS (Brodsky NY 2/23 332)(Blom NY) CO
 9595 1600 NSB: EE tlk on Rolling Stone mag. album of year (O'Brien BC)(Holmes
 9670 1640 RJ: EE w/ "Tokyo Calling", DX nx (O'Brien BC 2/25)(Lattemann WA)
 11815 1717 RJ: JJ nx, cmtry, ID, in GOS (Holmes CO 3/3 333)
 11875 1230 RJ: RR w/ ID, YL tlk, nx (Miller CA 2/22 444)
 15105*0400 RJ: EE ID, Asian nx, "Current Topics" (Aspiotes CA)(Sanderson AZ)++
 15195 2214 RJ: EE cmtry, ID, then into JJ (Wampler VA 3/2)(Catalano NY)(Getzel)
 15270*2345 RJ: EE s/on, nx (Blom NY)
 15310 0530* RJ: JJ cmtry by OM, s/off (Holmes CO 3/1 333)(Hodsdon MN)
 17725 0130 RJ: EE world nx, "Tokyo Report" (Stone ONT 2/23 444)
 17755 0200 RJ: EE nx to NAM (Dekoyor NJ 3/5)(Smith FL)(Yajko PA)
 17825 0145 RJ: EE tlk, "Tokyo Report" (Beauregard QUE 2/10)(Forbes TX)(Oakley
 CA)(Sanderson AZ)(Brodsky NY)(Smith FL)(Curtis TN)(Mellinger NJ) + +
 17880 0400 RJ: EE/JJ w/ IS, ID, nx, cmtry (Noto CA 2/27)(Cereghin MD)
 21640 0110 RJ: JJ YL tlk, EE mx, nx (Forbes TX 1/15 333)(Curtis TN)(Smith FL)

JORDAN

9560 1700 Hashemite Kingdom Broadcasting Svce: EE tlk on peace tlks (Blom NY)
 11920 0416 HKBS: AA w/ soft mx, readings by OM, "Huna Amman" ID (Donly SC 2/19)

D. P. R. KOPEA

3840 1441 R. Pyongyang: EE tlk on "non-aligned" countries (Novak CA 2/18 232)
 4109 1217 V. of Rev. Party for Reunification: KK YL cmtry (Moore/Saylor PA)
 6770 1405 RP: KK OM tlk, cmtry, YL ID, mx (Oakley CA 2/10 444)
 9420 0944 RP: EE w/ inst. mx, YL ancr, freqs, ID, 0945* (Lattemann WA 2/10)
 9977 *1100 RP: EE ID, tlk on reunification (Wampler VA)(Snyder NY)(Carrier FL)
 11350 1708 KCBS: KK orchestral and vocal mx (Lattemann WA 2/26 443)
 11533* 1100 RP: EE nx, cmtry, // 9977 (Zilmer WI)(Holmes CO)(Zink CA)(Cucura PA)
 11567 1145 RP: EE cmtry on Viet/CC conflict, // 11535, 9977 (Zilmer WI 3/4)
 11780 0845 RP: EE ID, OM ancr, into FF prgm (Zink CA 2/22 322)

REP. OF KOREA

7150 1428 R. Korea: CC tlk, ID, nx (Miller CA 2/21 534)
 7275 1600 RK: EE w/ nx, cmtry, tlk on Korea, // 9640, 9720 (Harms UT 3/8 222)
 9525 0845 RK: EE YL tlk on RK's offer to talk w/ DPRK (Lattemann WA 2/12 433)
 9580 1620 RK: EE 2 YLs reading letters, mx (Sanderson AZ)(Nikolich IL)
 9640 1600 RK: EE ID, to NAM, freqs, nx (Hodsdon MN 2/23 222)(Thompson CA)
 9720 *1600 RK: EE w/ IDs, nx hillites, "KBS Magazine" (Drew TX 2/11 354)(Somers
 CA)(O'Brien BC)(Holmes CO)(Vranes PA)(Schroeder WI)(Lattemann WA)++
 9870 1332 RK: EE ID, OM nx, KK mx (Hodsdon MN 2/17 222)
 11860 2005 RK: EE cmtry by OM, ID (Holmes CO 3/1 444)
 11965 1200 RK: KK ID, tlk, nx, cmtry, VOA QRM (Miller CA 2/22 534)
 15570v0900 RK: KK to Mideast, letters, local mx, nx, tlk, varies to 15565
 (Harms UT)

KUWAIT

15345 1830 R. Kuwait: EE nx, wx, ID, pop mx (Angeloni NY)(Hoffman PA)(Getzel NY)(Brodsky NY)(Snyder NY)(Koelble OH)(George TX)(Fallows ONT) + +
21545 0730 RK: EE w/ pop mx (Proom ENG 2/4 253)

LEBANON

6550 0456 V. of Lebanon: "Bridge Over R. Kwal" IS, AA tlk, pop mx (Getzel NY) (Moore PA)
11925 0115 RL: SS ID, nx, mx (Aisenberg CA)(EE @ 0230 Talbot WI)(Novak CA) + +
17710 0030 RL: SS w/ ID, freqs, sked, tlk, mx (Zilmer WI 2/27 322)

MALAYSIA (Sarawak)

4835 1555 RMS Kuching: YL chants, s/off w/ u/lang ancmts, anthem (Lattemann WI)
4950 1238 RMS Kuching: u/lang tlk, pop mx (Nikolich IL 2/19)(Miller CA)
6060 1328 RMS Miri: s/off in u/lang, s/on in another lang, ID? (Lattemann WA)

MONGOLIA

4995 1450 Ulan Bator R. via Altay City: RR? OM/YL tlk, mx (Uerlings OR 2/8)

OMAN

15310 1430 BBC Eastern Relay, Masirah: EE mx, "Radio Newsreel" (Ottaway CO 3/3)

PAKISTAN

5112 1314 R? Pakistan: OM/YL tlk in u/lang (per Zilmer) (Nikolich IL 2/9)
9460 *1658 RP: EE ID for world service, nx (Hodsdon MN 2/9 322)
11672 1230 RP: Urdu? tlk, chants, local mx, // 17640 (Zilmer WI 3/10 332)
11677 1700 RP: EE nx, cmtry, mx (Zilmer WI 3/3 333)
17665 2014* RP: FF ancmts, ID (Vranes PA 2/10)(EE @ 1115* Zilmer WI)
17830 0230 RP: EE w/ slo speed nx(Koelble OH 2/13 343) WI)
21485*1330 RP: Urdu? w/ IS, tlk, local mx, // 17640, no longer on 15515 (Zilmer

PHILIPPINES

7225 1500 FEBC: IS, u/lang w/ ID, tlk, Moscow QRM (Miller CA 2/20 333)
9590 *1300 R. Veritas Asia: EE ID, tlk, 1330* (Cucura PA 2/14 322)(Zilmer WI)
9715 1535 FEBC: CC OM/YL tlk, religious nx (Thompson CA 3/1 433)
11890 2315 FEBC: EE mx, religious discussion, tx, 2330 nx (Holmes CO 3/1 434)
11955 1300 RVA: EE prgm sked, tlk (Miller CA 2/23 232)
15145 0135 VOA: EE w/ songs (Brodsky NJ 2/20 322)
15275 0030 RVA: EE w/ pop mx (Zilmer WI 3/4 322)
15425 1100 VOA: EE nx (Zilmer WI 3/5 322) TN)
15450 2313 FEBC: EE YL relig. tlk, ID (Catalano NY 2/17)(Sanderson AZ)(Curtis
17710 2339 RVA: CC OM/YL w/ short tlks, mx interludes, 2359* (Naylor CA 2/12)
17810 0037 FEBC: EE w/ ID, tlk on Israel/Egypt (Getzel NY)(Donly SC)(Blom NY)+

SA'UDI ARABIA

9720 2220 BSKSA: AA nx, ID, "min Arabiyah Saudiyah", // 9670, 6085, 5877(Donly SC)
11683 0500 BSKSA: AA ID, nx of Iran, mx (Prath FL 2/17 443)
11855 1947 BSKSA: EE pop mx, ID @ 2002, then more mx (Donly SC 3/2)(Zilmer WI)
15060 1831 BSKSA: AA nx, tlk (Earhart PA)(Thompson NM)(Holmes CO)(@ 0510 Prath)
15175 1635 BSKSA: AA w/ Qu'ran, AA tlk, TPs, 1700 nx (Thompson NM 2/27 443)
21505 1615 BSKSA: AA OM tlk, Qu'ran, // 15060 (Newell BC)(Miller CA)

SINGAPORE

5010 1605 R. Singapore: EE OM tlk, YL mx, 1630 ID (Oakley CA 2/3)(Norcross HI)
5052 1630* RS: EE YL ancr, romantic vocals, inst. pop mx, ID, freqs (Lattemann)
9740 1520 BBC Far Eastern Relay: EE special report on Khomeini (Lattemann WA)
11940 1525 RS: EE EZL mx, "Sounds Orchestral" prgm, TPs, ID, 1530 nx (Lattemann WA)(Holmes CO)(Miller CA)(Zink CA).....
11955 1558 BBC FE Relay: EE w/ BowBells IS, EE ID as FE Relay (O'Brien BC 2/24)
15280 1030 BBC PE Relay: EE ID, into World Service (Nikolich IL 2/25)(Zilmer WI)

BBC WORLD SERVICE

SRI LANKA

9720 1600 SLBC: EE TPs, ID, nx, Korea off, then back on (Worrel ND 2/23 454)
15120 1900 SLBC: EE pop mx, requests for letters (Leeman RI 2/19 333)(Worrel)
15185 0120 VOA: EE w/ Hawaiian mx prgm, headlines (Ottaway CO)(Cucura PA) + +
15425 0130 SLBC: EE ancr, relig. prgm, mx (Pettit IA)(Brodsky NY)(Holmes CO)
17850 1858 SLBC: EE OM w/ clear ID (Collins OR 3/3 222)

TAIWAN

6105 0758 VOFC: IS, u/lang tlk by YL, faded (Lobdell MA 2/15 222)
17890 0100 VOFC: EE freqs, orchestral & Oriental mx, nx of Taiwan (Beauregard QUE)(Sanderson AZ)(Koelble OH)(Noto CA)(Holmes CO)(Oakley CA) + +

THAILAND

9655 *1050 R. Thailand: EE mx, 1100 nx, cmtry, pop mx, not on 11905 (Norcross HI 3/11)

TURKEY

9515 2130 V. of Turkey: EE DX pgrm, nx (DeKoye NJ 3/3 433)(Schroeder WI) (Blom NY)(Smith FL)(Dilk NJ)(Pettit IA)(Curtis TN).....
11955 2230 VOT: EE w/ fables, rock/Turkish mx, sked (also 9515, 7170, 6185) (Drew TX 2/25)(Carrier FL)(Fallows ONT)(Holmes CO)(Zilmer WI) + + +
15125 1218 VOT: EE mx, "DX Corner", pop mx (Smith FL 2/8 332)

U. S. S. R.

4040 1203 Vladivostok: Mayak pgrm w/ RR ancmts, YL vocals (Moore/Saylor PA)
4485 1209 Petropavlovsk: Mayak pgrm w/ OM/YL nx (Moore/Saylor PA 2/28 353)
5015 1629 Vladivostok R: IS, "Vladivostok" ID, freq, tlk (Lattemann WA 2/26)
5960 0800 R. Moscow via Vladivostok: IS, JJ ID, OM/YL nx (Noto CA 2/25 443)
6100 1400* RM: Korean nx, cmtry from unknown site (Harms UT 2/26 343)
7215 0248 Winnitsa w/ RSt. Atlantika, Mayak/Kiev ISes, Kiev in EE (Boehm TX)
11900 *0710 RSt. Tikhly Okean via Lvov: RR s/on w/ ID, OM/YL nx (Thompson NM)
12010 0646 RM World Service via Petropavlovsk: EE w/ science pgrm (Smith CA)
12050 0506 RM WS via Petropavlovsk: EE pgrm, transmitter problem (Smith CA)
15140 0701 RM WS via Petropavlovsk: EE tlk on China in Vietnam (Smith CA 3/8)
15175 0615 RM WS via Irkutsk: EE interview, letters (Moore/Saylor PA 2/28 343)
15240 0035 R. Kiev via unid site: EE nx, tlk, mx, sports (Miller CA 2/16 544)
15385 0147 RM via Irkutsk: CC YL tlk, RM ID @ 0200 (Naylor CA 2/10 333)
19000h 0410 Magadan: RR OM vocal, // 19200, is 2 x 9500 (Newell BC 3/4 343)
23820h 0403 RSt. Rodina: tent. w/ RR YL w/ ID? (Newell BC 3/4 333) 2 x 1910
25690 1430 R. Slavgor'od: RR cmtry by OM/YL to 1429, then YL "Govorit Radio Slavgor'od", chimes, IS, one RR sentence, then repeated ID, tlk sounded like they were saying "Slagorda", but ID was "Slavgor'od" a small town in Asian RSFSR (Boehm TX 2/26 333) maybe R. Svoboda??

Azerbaijan S. S. R.

4785 *0159 R. Baku: 8 minute choral anthem, u/lang tlk by OM (Lobdell 2/27 322)

Georgian S. S. R.

17805 0625 RM WS via Tbilisi: EE nx on China/Vietnam war (Harms UT 3/8 222)

Kazakh S. S. R.

5260t 0040 Alma Ata R.: RR tlk by YL/OM (Prath FL 2/25 232)

RADIO MOSCOW
MOSCOW, USSR

Kirghiz S. S. R.

4940t 0449 Frunze: poor level w/ tlk by OM in RR (Nikolich IL 3/6)

Tadzhik S. S. R.

4635 0127 Dushanbe: RR w/ IS or march mx, 0130 YL nx, piano mx (Moore PA)

Turkmen S. S. R.

4895 0255 Ashkhabad: RR IS, OM ancmts (Moore/Saylor PA 2/28 252)
4930 0425 Ashkhabad: RR w/ a radio play, much laughing (Getzel NY 2/8 232)

Uzbek S. S. R.

9540 1227 R. Tashkent: EE nx, Asian mx, ID, u/lang @ 1230 (Snyder NY)(Curtis TN)
9600 1217 RT: EE cmtry on Socialism, local string mx, 1229* (Donly SC 2/26)

UNITED ARAB EMIRATES

9620 ---- both Alex Vranes, PA, and Bob Donly, SC indicate that the only Arabic language station they hear around 0400 (cf. 2/79 and 3/79 A/O) is Cairo; make sure you have a positive ID on rare stations.

VIETNAM

4944 1535 Hanoi 1: Viet OM/YL tlk, nx, mentioned Hanoi (Lattemann WA 3/6 332)
10010 1845 V. of Vietnam: EE YL nx, tlk (Coleman MA 2/21)(Getzel NY)
10040 1020 VOV: EE tlk on China (Wampler VA)(Viet @ 1130 Carrier)(EE 2 1815 Lattemann WA)(Miller CA)(SS @ 2258 Catalano NY)(CC @ 2335 Dawson)+
10060 1120 Hanoi 1: Viet tlk on China's invasion, Kampuchea (Carrier FL 2/27)
12035 1545 VOV: EE nx, tlk on China's invasion (Miller CA 2/21)(Oakley CA)
15008 1800 VOV: EE nx, cmtry, mx (Zilmer WI 2/17 333)(Getzel NY)

YEMEN ARAB REPUBLIC

9780 0423 R. San'a': AA mx, 0430 OM nx. mentions Yemen (Smith CA 2/22 252)

OCEANIA

AUSTRALIA

4920 0830 ABC Brisbane: ABC sports (Lattemann WA 3/5 332)
5995 1300 RA Lyndhurst: EE world nx, "Focus on Aust." (Rudolph AL)(Smith FL)
6005 1605 RA Canarvon: nx, ID, Aust. nx, "Business Report" (Lattemann WA)
6045 1223 RA L: tlk on exports/imports, // 5995 (Yajko PA 2/16 333) IL
6080 1315 RA Shepparton: EE to PNG, mentioned R. Western District (Nikolich



AUSTRALIA (continued)

6090 1301* ABC Sydney: piano mx, ABC nx, ancmts, anthem, off (Vrames PA 2/16)
7240 1315 RA L: EE "Aust. Edit. Opinion" w/ Helen Jackson (Miller CA 2/14)
9570 1712 RA S: "International Report", ID, "Business Report" (Donly SC 2/26)
9580 1125 RA S: pop mx, world nx, cmtry (Davidonis MA)(Dilk NJ)(Curtis TN)
9610 1145 ABC Perth: relig. pgrm, ID (Koelble OH)(Carrier FL)(Hodsdon MN)+ +
9640 1330 RA C: Indo w/ ID, nx?, tlk on Vietnam, Moscow QRM (Miller CA 2/21)
9660 0820 ABC Brisbane: tlk on political parties, classical mx (Lattemann WA)
9670 0745 RA S: YL w/ pancake recipes! (Thompson CA)(Carrier FL)(Lattemann WA)
9760 0820 RA S: EE/Pidgin w/ rock mx, to PNG, world, Pacific nx (Carrier FL)
9770 *1000 RA S: s/on w/ world nx, "Countdown" w/ rock mx (Carrier 2/15 322)
11740 0830 RA S: ID, Aust. nx, interview (Carrier FL 3/7 554)
11760 1026 RA C: EE/CC w/ IS, "Waltzing Matilda", ID (Smith FL 2/2 443)
11800 1837 RA C: Australian nx (Cereghin MD 2/21 222)(Yajko PA)
11865 1620 RA C: nx, stock report, vocals, IDs, //s (Schroeder WI)(Lattemann WA)
11880 1233 RA S: Australian nx (Yajko PA 2/16 344)
15160 0700* RA L: OM ID for Pacific Islands, s/off (Smith CA 3/8 353)
15205*2229 RA S: IS, Viet/EE ID, Viet pgrm, // 17870 (Wampler VA 3/6 344)
15240 0625 RA L: EE OM tlk, oil, Iran, // 15260, 15160 (Brodsky NY 2/19 333)
15260 0600 RA S: nx by YL, "International Report", ID (Angeloni NY)(Smith CA)
15320 0820 RA S: 2 OMs/YL w/ stocks, tlk, freqs, Aust. nx (Carrier FL 2/14 343)
17725 0355 RA S: IS, ID, old mx, nx (Noto CA 2/26 333)(Brodsky NY @ 0147)
17795 0305 RA S: world nx, sports, Australian nx (Sanderson AZ 2/14)(Holmes CO)(BlaiZe LA)(Wampler VA)(Smith FL)(FF @ 0500 Beaugard QUE).....
17870 0147 RA C: Australian nx, pop mx (Yajko PA 3/6 343)
21525 0611 RA: "International Report", // 21680 (Zink CA 2/25 322)(Noto CA)
(Naylor CA)(Brodsky NY)(BlaiZe LA)(Smith FL).....
21570 0200 RA C: world nx, wx, "Business Report" (Miller CA 2/27 544)
21680 0406 RA S: nx, // 21525 (Noto CA 2/26 443)
21740 0200 RA S: TPs, world nx, of Iran, Aust. nx (Ellis OH 2/11 444)(Hrivnak IL)(Mellinger NJ)(Beaugard QUE)(Holmes CO)(Harrington CC)(Oakley)+

GUAM

11840 0730 KTWR: EE ID, relig. mx, tlk, ID (Miller CA 2/19 534)(Zink CA)
11850 1430 KTWR: EE ID as "KTWR, Guam", // 15215, VOA QRM (Nikolich IL 2/13)
17830 2258 KTWR: IS, s/on, Mandarin tlk, hymns in Oriental syle (Donly SC)
17855 0000 KTWR: EE ID, freqs, address, relig. pgrm (Curtis TN 3/2)(Blom NY)

NEW CALEDONIA

7170 0730 R. Nouméa: FF w/ EE pop mx, remote best, ID (Lattemann WA)(Smith CA)
11710 0827 RN: FF mx, inst., jazz, OM/YL tlk, no ID, // 7170 (Lattemann WA 3/9)

NEW HEBRIDES

3945 0915 New Hebrides Broadcasting Service, Vila: EE/u/lang OM tlk, lite mx, YL in EE, 1000* (Saylor/Moore PA 2/28 222)(Norcross HI).....

NEW ZEALAND

6105 0841 R. New Zealand: EE discussion pgrm, ID (Lattemann WA 3/5 332)
11945 0525 RNZ: stock/money reports (Ottaway CO 2/12 33)(Holmes CO)(Thompson CA)(@ 0715* Lattemann WA).....
15280 0257 RNZ: cricket test match NZ vs. Pakistan (Fallows ONT 2/6 343)
(Curtis TN)(Mellinger NJ)(Hodsdon MN)(@ 0530* Prath FL)(Sanderson)+
17770 0158 RNZ: s/on w/ OM nx, ID, inst. (Donahue CT 1/25 353)(Koelble OH)
(O'Brien BC)(Catalano NY)(Naylor CA)(@ 0600 Baker IL)(Lattemann WA)

VILA

PAPUA NEW GUINEA

2340 1010 R. West New Britain: Pidgin OM, C & W mx, EE mx (Uerlings OR 2/5)
2410 1025 R. Eastern Hilands: u/lang OM tlk, mx, ancmts (Uerlings OR 2/5 121)
2428 1016 R. New Ireland: u/lang w/ long tlk (Uerlings OR 2/5 222)
2450 1022 R. Western Hilands: barely audible w/ OM/YL tlk (Uerlings OR 2/5)
2468 1018 R. Northern: Pidgin OM w/ C & W mx (Uerlings OR 2/5 222)
3322 1030 R. North Solomons: Pidgin OM tlk, local mx (Cucura PA 2/16 222)
3385 1145 R. East New Britain: local tlk, drums, chorus (Lobdell MA)(Cucura)
4890 0845 NBC Port Moresby: EE ads, OM ancr w/ mx pgrm, 0857 wx, 0900 ID
(Aspiotes CA 2/16 434)(Smith CA)(Pettit IA @ 1320)(Hrivnak IL).....

SOCIETY ISLANDS

6135 0714 FR 3/R. Tahiti: Tahitian OM w/ island mx, pop mx (Thompson CA 2/18)
11825 0825 RT: FF tlk, rock, Tahitian mx (Willis PA)(Hensley TX)(Dawson CA)
15170 0415 RT: Tahitian/FF w/ nx, island mx (Dilk NJ 2/22 433)(Holmes CO)
(Harrington CO)(Somers CA)(Prath FL)(Thompson CA)(Willis PA).....

SOLOMON ISLANDS

5020 0900 Solomon Islands Broadcasting Corporation, Honiara: EE/Pidgin w/ C & W mx in Pidgin, 0900 ID (Saylor PA 2/28 322)(Norcross HI).....

-----DATELINE-----

AFGHANISTAN - Kabul's external service now has this sked: (1300-1400) Urdu, (1400-30) English, both on 4775; (1630-1700) Arabic, (1700-30) Puslian, both on 11890; (1730-1830) Earl/Fushtu; (1830-1900) German, (1900-30), all on 11890, 15140 (from 1745).....used by permission, BBCMS.....

AUSTRALIA - P. Australia (the external service of ABC) has this frequency usage sked, valid to 05 May: 5995 L, 6005 C, 6035 C, 6045 L, 6060 S, 6080 S, 7240 L, 9525 S, 9540 L, 9550 C, 9570 S, 9580 S, 9600 S, 9640 C, 9670 S, 9750 S, 9770 S, 11705 S, 11725 S, 11740 S, 11760 C, 11790 S/L, 11800 C, 11820 S, 11825 S, 11855 S, 11870 C, 11880 S, 15105 S, 15160 L, 15180 C, 15205 C, 15240 L, 15310 S, 15320 S, 15355 L, 17225 S, 17255 S, 17275 S, 17295 S, 17870 S/C, 17890 S, 21525 S, 21570 C, 21680 S, 21740 S, used at various times thruout the day....per EA sked just now rec'd

CHINA - Bill Harms, UT, says that Feking's Korean sked is (1100-1300, 1300-1500) on 4020, 5975, and that this should not be confused with KBS Taegu which is scheduled on 5975 (0000-0600) only, as well as on 2510 (2000-000, 0600-1800)....

GUAM - KTWR's sked to 05 May lists these times and metre bands (mb): (0815-0930) English on 16 mb; (0845-1000) Mandarin 16; (0930-1057) Japanese 25; (1000-57) Indo 19; (1058-1130) Cantonese 16, 25; (1130-1300) Mandarin 16, 25; (1300-30) Viet 25; (1300-57) Japanese 19; (1330-57) Indo 25; (1358-1430) Russian 19, 25; (1430-1500) English 19, 25; (2055-2128) Russian 25; (2128-57) Japanese 25; (2130-2230) Japanese 19; (2158-2257) Indo 19; (2230-57) Viet 16; (2258-0000) Mandarin 16, 16; (0000-30) Russian 19; (0000-0130) English 16 mb..... freqs are 11730, 11750, 11840, 15135, 15175, 15225, 15230, 17830, 17855, 17890 thanx to Bob Donly, SC.....

IRAQ - Bagdad's external service in Fersian (Farsi) (0730-1030, and 1600-1900), and Urdu (1300-1400) is now on 11825 (ex 11725).....BBCMS

ISRAEL - IBA's external service in English will adhere to this sked to 05 May: (0500-15) on 11520, 11655, 15105, 21565; (1200-30) on 11655, 15415, 15540, 21495, 25640; (2000-30) on 9009, 9425, 9815, 11655, 17685; (2230-2300) on 9815, 11620, 11655, 15485, 17685...the Hebrew Home Service sked is: (0400-0610) on 11635, 15585, 17630, 21480; (0610-1400) on 11635, 15585, 17630, 25605; (1400-1610) on 11635, 17630; (1610-1800) on 17630; (1800-2000) on 11635, 17630; (2000-2315) on 11635, 15585, 17630, 17640.....BBCMS

RFP, OF KOREA - (See also China) R. Korea has a new service (test) to the Mid-east (1600-1930) on 6240.....BBCMS.....Bill Harms, UT reports a new freq. for the service in Arabic (0830-0900) and Korean (0900-1100) heard on 15550 one day, then on 15565 & 15570 on others...also new French to NAM @ 1700 on 9720

LAOS - Vietniane's external service on 7145 has 1/2 hour perms @ 0000 in Cambodian, 0030 French, 0100 English, 0400 Thai, 0430 Viet, 0500 Cambodian, 0530 French, 0600 English, 1130 Thai, 1200 Viet, 1230 Cambodian, 1300 French, 1330 English, 2300 Thai, 2330 Viet...domestic service in Lao on 6130 is (2200-0200, 0330-0700, 0900-1600).....BBCMS

MONGOLIA - UBR's external service sked is as follows: (0100-30) Mandarin on 4980, 5960, 6383; (0730-0800) Mandarin (not Mon., Thur.) on 4790, 4850, 4995, 5055, 7262, 11835; (1100-30) Mandarin, (1130-1200) Mongolian on 4950, 5960; (1220-50) English (not Su.) on 6385; (1300-30) Mandarin, (1330-1400) Mongolian on 4950, 5960; (1330-1400) Russian (Mon., Fri.) on 4082, 4763, 4790, 4850, 4995, 5055; (1400-30) Mandarin on 4950, 5960; (1430-1500) Mongolian on 4850, 5960; (1715-45) English (not Su.) on 6385; (2100-30) Mandarin, (2130-2200) Mongolian, on 4950, 5960.... the domestic service has been heard at @2200 on new 4830.BBCMS

TAIWAN - Taiwan's broadcasts to China have this sked in Mandarin unless stated: 3230 (2045-0100, 0345-1000, 1045-1900), 3335 (2045-0700, 1045-1600 in Hakka, 1600-1900), 6040 (2045-0700, 1045-1900), 6087 (1045-1600 in Amoy, 1600-1900), 6555 (2045-0700), 6940 (2045-0700, 1045-1900), 7150 (2045-0100, 0345-1000, 1045-1900), 7250 (2045-0700, 1045-1900), 8745 (2045-0700), 8790 (2045-0100, 0345-1000, 1045-1600 Cantonese, 1600-1900), 9590 (2045-0100, 0345-1000, 1045-1600 in Cantonese, 1600-1900), 11905 (2045-0100, 0345-1000, 1000-1130 Mongolian, 1600-1900).....BBCMS

VIETNAM - a recent survey of the regionals reveals the following; 4248 Vinh Phu, 4647 Ha Bac, 4692 Quang Ninh, 4762 Gia Lai-Cong Tum, 4770 Son La, 4820 Ha Tuyen 4881 Thanh Hoa, 5592 Hoang Lien Son, 5927 Lai Chau, 6280, Nghe Tinh, 6331 Son La, 6884 Bac Thai.....BBCMS

Thanks to 87 reporters who made A/O possible this month. A big welcome to all new reporters. If you have info that might be used in DATELINE, and if you have up to date programme skeds why not send them along in your next report, 73,

03/21/79

WORLD SERVICE**STATION SKEDS****EMISSIONS****PROGRAMMI**

Editor:

TRASMISSIONI

BULLETIN DE PROGRAMMES

ORLA REESE
1639 Massachusetts St
Lawrence KS 66044**PROGRAMS****ENGLISH SERVICE****SERVIZIO**

PROGRAMME SCHEDULE

Deadline: 15th

COMUNICATI NEL CORSO

EDITOR FOR THIS MONTH: JIM MAYER

AUSTRIA ORF:To N. Amer. 1230-1330 on 21530 in EE-
GG. 2300-0400 6155, 9770 to ECNA in
GG/FF/EE. To WCNA from 0400-0600 on
5945 in GG/EE.To C. Amer. 0200-0400 in GG/SS on
11825To S. Amer. 2100-2300 in GG/SS on
15380. Also from 0000-0200 in same
lang. on 11720.To S. Africa 1700-1900 in GG/EE on
17770 and in SS/FF from 1900-2100
on 17865.

Tom Smith

ECUADOR HCJB:To N. Amer. 1200-1600 15115; 1200-
1430 11740; 1300-1600 17890; 0030-
0700 9745, 11915; 0500-0700 6095.To S. Amer. 1200-1600 15115.To Europe 1700-1800 15310, 17890,
21460, 1900-2030 15295, 17885,
21460, 0700-0830 11840, 15415.To S. Pacific 0600-1130 6130, 11900/
0700-1030 9745.All the above are in EE. FF to N. Amer.
is from 0200-0230 on 11835 and 15115.

Holmes, Oakley

FINLAND R. Finland:

(Only part of sked listed)

To N. Amer. 1430-1600 (daily) on
21485.To S. Asia/Australasia 0800-1115 on
Sat./Sun. 21495. 0930-1115 Mon.-Fri.
on 21495.To Middle East/S. Asia 1130-1230 on
21525 (Fridays only).To Africa 1800-1900 17825 (daily).
Holmes (lang. not given)**HUNGARY R. Budapest:**To N. Amer. 0200-0230 (Tues.-Sun.) on
15220, 11910, 9833, 9585, 6105, 6000.
0300-0330 (daily) 15220, 11910, 9833,
9585, 6105, 6000. 0400-0415 (Wed. and
Sat.) 15220, 11910, 9833, 9585, 6105,
6040.To Europe/Scandinavia 1200-1220 (Mon
thru Fri.) 15160, 11910, 9833, 9585,
7155, 6110.To Asia 1430-1500 (Mon.-Fri.) on
15160, 11910, 9833, 9585, 7200, 6110.
Program lang. is EE.

Reese, Watts, Smith

Not enough room to begin Italy on
this side of the page. The bulletin
came late this month so I received
many skeds after the deadline...ed.**ITALY RAI:**To Great Britain 1935-1955 on 11800,
9710, and 7275.To the Mediterranean 0425-0440 on
7275 and 6075.To Near East 2025-2045 on 11800,
9575, 7235.To S. Asia 0350-0410 on 21560, 17795,
15330.To Japan 2200-2225 on 11905, 9710,
and 5990.To N. Amer. 0100-0120 on 11800 and
9575.

All the above are in EE...

Reese, Mayer, Smith, Yohana

JAPAN R. Japan:

Regional Services:

To Middle East/N. Africa 1945-2115 on
11940, 9700 in AA/EE/FF.To N. Amer. 2345-0045 17825, 15270
in EE. Also from 0100-0300 on 21640,
17825, 17725, 15195 in JJ/EE/SS to
N. and Latin Amer. and Hawaii.To S. Amer. 0900-1100 11705, 9605,
9530 in JJ/PP/SS.To Australia/N.Z. 0930-1030 15235,
11875 in EE.To Southeast Asia 2300-2330 15420,
15300, 11840 in Vietnamese. This is
Regional Service 4.To South Asia/Africa 1430-1730 on
11705 and 9670 in Bengali/Swahili/
Hindi/Urdu/EE/FF.

Holmes, Yajko, Smith, Buhagiar

KUWAIT R. Kuwait:To South East Asia 0800-1100 on 17740
in EE. Also 1900-2100 on 9580 in Urdu.To Europe/S. East Asia 2100-0200 on
12085, 9580. Pgm. lang. is EE.

DeKroyer

MALAWI MBC:0257-0520; 0600-1715; 1750-2215 all on
3380. 0500-2110 on 5995.Pgm. lang. and site not given on sked.
Dalum**NETHERLANDS R. Nederland: (all in EE)**To N.Z./Pacific/Australia 0730-0820
9770, 9715. (B)To N.Z./Australia 0830-0920 9715. (B)To Europe 0930-1020 on 9895, 11930,
7240, 6045, 5955, 1330-1420 9895,
11930, 6045, 6020, 5955. (H)To N. Amer. 0230-0320 9590, 6165 to
ECNA. 0530-0620 9715, 6165. (B)To Southeast Asia 1430-1520 on 17855,
21480. Oakley

Happy Easter to all (especially to everyone reporting this month)!

NEW ZEALAND NZBC: (all in EE)
To Pacific 0640-1215 6105, 1800-2105
on 11960, 1800-0630 15345, 2115-0815
on 17770.
To Australia 0830-1215 6105.
Holmes

SOUTH AFRICA SABC:
Springbok Radio
To South West Africa/North West Cape
0500-0825 (Mon.-Sat.) on 4810, 0600-
0825 (Sun.) 4810,
0825-1755 (Mon.-Sun.) 15285, 1755-
2400 on 4810. (EE + vernaculars)

NORWAY R. Norway:
To North America 1600-1630 15345,
17755; 1800-1830 17755; 0200-0230 on
9645, 9550. Also from 0400-0430 on
9550 and from 0600-0630 on 9645.
To N. Amer./West Indies 1600-1630 on
21655; 1400-1430 17840; 2200-2230 on
11860, 15175; 0000-0030 9645, 11850;
0200-0230 and 0400-0430 on 6180.
To Pacific 0800-0830 15135, 2000-
2030 15175, 0400-0430 9645.
To Middle East/Africa 1400-1430 on
21730; 1800-1830 on 15345; also from
0600-0630 on 11850, 15175.
To Europe 1200-1230 on 6015; 1400-
1430 on 9590.
To Australia/N.Z. 0800-0830 9590.
To Far East/Indonesia 0800-0830 on
17825 and from 1200-1230 on 17755.
To South Amer. 1600-1630 21730;
1800-1830 on 21730.
Pgm. lang. is EE... Programs starting
from 0800 to 2200 are on Sundays GMT;
programs from 0000 to 0600 are on
Mondays GMT....

Buhagiar, Rzepka

POLAND Polskie Radio:
To North Amer. 0200-0400 (EE/Polish)
on 15275, 11840, 9675, 9540, 9525,
7285, 7270, 7145, 7125, 6155, 6135,
6095. In EE exclusively: 0630-0700 on
6975, 9540, 9525, 7285, 7270, 7145,
7125 + the same 49 metre band freqs.
listed above. 1600-1630 9675, 9540,
9525 + the 49 metre band.
To Africa (in EE) 1230-1300 on 15275,
15120, 11815, 11840, 9675, 9540, and
9525. Also from 2000-2030 on 9675,
9540, 9525, 7285, 7270, 7145, and
7125.
Ed. note: An additional freq. to NA
from 0200-0400 is 11815.....
Proom, Oakley

PORTUGAL R. Portugal:
To WCNA (in EE) 0500-0530 on 11935.
To ECNA (in EE) 0300-0330 on 6025.
To South America 0100-0130 on 9620,
11840. Pgm. lang. is SS...
To Africa (in EE) 1800-1830 (daily)
on 15340, 17880. On Sundays from
1700-1730 in the same lang. on the
same freqs.
To Europe 1800-1830 in GG on 6025,
9740. The following are on the same
freqs: 2030-2100 in EE; 2100-2130 in
FF; 2130-2200 in SS; 2200-2230 in
Italian.
To Venezuela 0230-0300 in SS on
11875.

Oakley

I've just received some more skeds.
I can sure use more! Today is the
19th.

Radio 5
0500-0745 3980; 0745-1730 9680;
1730-2400 3980. (Lang. not given)
Note: the above are in S.A. time;
subtract 2 hours for GMT.
Smith

SPAIN SPR:
To Central/Northern Amer. 0200-0515
on 6065 in SS, 0515-0615 in EE on
same freq. 2145-2400 and 0200-0515
in SS on 9630. EE from 0000-0200 and
0515-0615. SS can be heard from
1400-2000 and 2045-2400 on 11815. EE
@ 0000-0200 on 11880.
To Europe (in EE) 2030-2230 on 7275,
11890, 9505, and 11840. SS from 1100-
2040 on 7105, 9570, 11920 (on Sun.
broadcasts start @ 0800 on 11920).
1100-1800 on 15220 (SS) starting @
0800 Sundays. Also from 1800-2040 in
SS on 6140.
To Central/S. Amer. 2245-0515 in SS
on 9360, 11775; 2245-0400 (SS) on
9530, 11945. Also from 1400-2000 on
17720 (SS).
To Africa (NW & NE) The following are
bnd. in AA: 2100-2230 on 6070 and 7110.
In SS from 1530-1730 on 9695 (ex. Sun)
11810, and 15290. Also in SS from
2030-2130 on 9695 and 11810.
To Australia/Philippines (SS)
0800-1100 on 9520, 11730.
To Arab States (AA) 1730-2030 on
9695 (not Sun.), 11810, and 15290.
To European/Atlantic area (SS) on
9685 and 11930 from 1530-1730.
Kusalik, Holmes, Oakley

SWAZILAND TWR:
Afrikaans Svce.
To South Africa (daily) 0600-0800 on
4760 and 9730; 0815-1000 on 9730,
11955; 1600-1800 7280; 1845-2000 on
3200. And, on Sundays from 1400-1600
on 9730.

English Svce.
To South Africa 0630-0830 5055, 9640;
0845-1035 9640, 11910; 1400-1615 on
9640. These are daily services---
To Mozambique (Mon. only) 1730-1745 on
11920.
To E. Africa/Malawi/Rhodesia 1830-
2000 (daily) on 11910.

French Svce.
To Madagascar 1615-1700 (daily) on
11955.
To Zaire 2115-2200 (daily) on 9730.

German Svce.
To South/S. West Africa 0600-0630
(daily) on 5055 and 9640. /Mayer, Hensley

SWEDEN R. Sweden:

To N. Amer. (EE)
0030-0100 11905; 0230-0300 on 9695, 11705.
1400-1430 on 21615; 2300-2330 (to 0030 on Sat.) on 9695, 11705.

The following are in Swedish:

0100-0130 11905
0200-0230 9695
1430-1500 21615

To Latin Amer. (SS)

0000-0030 9695, 11705.
0130-0200 9695, 11705.
0300-0330 9695.

Swedish to IA:

0100-0130 11705.
2330-0000 9695 (on Sat. this is replaced by the EE pgm)

PP to IA:

0030-0100 and 0200-0230 on 11705.

To Europe (in Swedish):

0330-0425 (P3) on 6065
0425-0830 (P1) on 6065. On Saturdays this brd. begins @ 0525.
1000-1030 9630; 1130-1200 (P1) on 9630, 1700-1730 on 1179, 6065, 2130-2200 on 1179, 6065.

(EE services):

1100-1130 on 9630; 1600-1630 on 1179 and 6065. Also from 1830-1900 on 1179 and 6065.

To Africa (all in EE):

1230-1300 21690
1830-1900 15240
2100-2130 11845.

Watts, Reese

SWITZERLAND SRI:

To North/Central Amer. (EE) from 0145-0215 on 6135, 9660, 9725, 11715, and in SSB on 11780. SS is on from 0215-0245 (same freqs.), GG from 0245-0315 and FF from 0315-0345. Italian can be heard from 0345-0415.

To WCNA:

0430-0500 in EE; 0500-0530 in Italian; 0530-0600 in GG; 0600-0630 FF. The freqs. for the above tx are 6045 and 9725.

To S. Amer./M. East/Africa/Europe

1530-1600 in PP; 1600-1630 in GG; 1630-1700 in FF; 1700-1730 Italian; 1730-1800 in AA. The freqs. are 15385, 17830, 21570, 21585 (1530-1730 only). The EE tx is from 1530-1630 on the same freqs.

To Africa/Europe:

1030-1100 (Mx in FF); 1100-1130 in EE; 1130-1200 in FF; 1200-1230 GG; 1230-1300 in Italian. All the above are on 17830, 21520, 21545, and 21630.

Oakley

TURKEY Voice of Turkey:

To North Amer. 2130-2300 on 9515. (Pgm. 2)

To Europe 2130-2300 on 11955 and 7170. This is pgm. 2 also.

To Mid-east 1200-1300 (Pgm. 1) on 15125; 2130-2300 (Pgm. 2) on 6185. DX Corner: 2135 (Mon., Thurs., Sat.)

Watts, Buhagiar

UGANDA UBC:

To U.S.A./Canada/N. Zealand (EE)
0300-0359 on 15325. The FF svce. starts @ 0400 and ends @ 0430.

To Eastern/Central Africa (EE Svce.)
1444-1528 on 6030. The FF svce. is on the same freq. starting @ 1528 and running to 1600. The Kiswahili svce. is on from 1350-1443 (6030).

To Southern Africa (EE)

1612-1729 on 9515. The Shona svce. is brd. from 1729 to 1750 on the same freq.

To Northern Africa

The EE svce. (2029-2100), FF svce. (1852-1942), and AA svce. (1943-2029) are brd. on Sundays, Mondays, Wednesdays, and Fridays on 9730.

To Western Africa

The EE svce. is brd. from 1753-1829 and the FF svce. is from 1829-1900. These two svces. are on Saturdays, Sundays, Tuesdays, and Thursdays on 15325.

Kana

UNITED STATES WYFR:

To the Americas

Spanish Svce.

(Sat. & Sun.) 2200-2300 on 15130 and 17845; 2300-0000 on 17805, 15130, 15215, and 11855; 0000-0100 on 17805, 9715, 15215, and 11855; 0100-0200 on 17805, 15215, 11855, and 9715; 0200-0300 on 11720, 11805, 15215, and 9715; also, 0300-0500 on 11720, 11805, 9715, and 15215.

To English Svce.

(Sat. and Sun.) 0100-0130, 0200-0300, 0330-0400, and 0400-0430 on 5985. All of these broadcasts are directed to Mexico.

Dalum

VATICAN CITY STATE Vatican Radio:

To U.S.A./Canada

The EE svce. from 0100-0115 is brd. on 6015, 9605, and 11845. The FF svce. to Canada follows the EE svce. @ 0115 on the same freqs.

Buhagiar, Yajko

VIETNAM Voice of Vietnam:

The VOV broadcasts in EE from 1800-1900 and 2030-2130 on 15012, 10040. From 0900-0930, 1000-1030, and 1530-1630 on 12035, 10040, and 7470. These are not directed to any special zone.

Oakley

YUGOSLAVIA R. Yugoslavia: (all EE)

1530-1600 11735, 15240, 9620
1830-1900, 2000-2030, and 2200-2215 on 6100, 7240, and 9620. Target areas not given on sked.

Hook

Well, my first attempt at Station Skeds is now over. I must say that it is much different from SWBC Europe! Thanks for reporting and send your material to Orla next month. 73, *[Signature]*

Editor:

KEN COMPTON
7 Mount Vernon Street
Brighton, MA 02135

Deadline: 15th



AIR FORCE ONE HF COMMUNICATIONS QUESTIONED: ARMAND DI FILIPPO-PA, GARY RUSSELL-IN and 2 other SPEEDXers sent clippings from Philadelphia newspapers concerning a ham who heard AF1 during the recent flight to Europe & is trying to make a federal case out of it! Evidently he taped 90 minutes of various conversations and made the tape available to the press before forwarding it to U.S. Rep. James Florio(D.-NJ), in the belief that such traffic endangers national security, and wonders why Air Force One "doesn't have scramblers".

I'm confident that all SPEEDX uters probably know that AF1 does, of course have a plethora of equipment to render HF t/c secure, and that only UNCLASSIFIED t/c is sent clear. The only violation of good judgment and, also, U.S. Federal Law, seems to have been the overzealous and poorly informed ham's lamentable action in disclosing the contents of this traffic to third parties! However, since he was undoubtedly well-meant in his lack of discretion, let's hope that he's let off with nothing more than a slap on the wrist and a stern warning not to do it again!

Gary also appended a list of identifiers used in VIP communications:
 SAM-Special Air Mission aircraft SAM COMMAND-89th Military Air Lift Wing
 STATE OPS-State Dept operations ctr CP, Andrews AFB, MD
 AFOC-White House Air Force Operations Center
 CROWN-White House Communications Agency (WHCA, pronounced, "Walk-A")
 SECURITY COMMAND CENTER-White House Secret Service

Aircraft identifiers include:

AIR FORCE ONE-Presidential aircraft (SAM27000 when President not aboard)
 AIR FORCE TWO-Vice-Presidential aircraft (SAM26000 when VP not aboard)
 SAM86971-Secretary of State aircraft
 SAM86972-National Security Advisor aircraft

CABLEGRAM, CABLEBOY, CHECKMATE, CARNATION, CHECKERBOARD, and BRIBERY have been used as identifiers for temporary base stations along AF1's routes during recent trips.

COMMERCIAL AIRCRAFT FLIGHT IDENTIFICATION SYMBOLS: Some well-known airlines use an acronym or an associated symbol as identifiers for their flights. Those known here are listed below. If anyone can add to this list, the information will be most welcome at the Utility Report HQ!

BLUEBIRD-Sudflug Int'l, Germany	SPEEDBIRD-BOAC, England
CLIPPER-Pan American World Airways	SPRINGBCK-South African Airways
CONDOR-Aerocondor, Columbia	TEAL-Air New Zealand
EMPRESS-Canadian Pacific Airlines	TRANS AIR-Transportes Aeros Portuguesas (TAP)
FALCON-Gulf Air, Bahrain	
SHAMROCK-Irish Int'l Airlines	

The Concorde superflights identify as CONCORDE AIR FRANCE or BRITISH CONCORDE or similar combinations which include the superaircraft type & nationality, although some pilots do shorten this to just, "Concorde #".

NEW ADDRESS FOR NY VOLMET?-Several SPEEDX uters have written us to say that their reception reports sent to the NY VOLMET sta at the address given in the SUG. Others, however, have been successful with this new address which was given here last November: New York FSS/IFSS 5 Airways Road MacArthur Airport Ronkonkoma, NY 11779.

Z-SIGNAL LIST CONTINUED: A consolidation of lists contributed by JIM BOEHM-TX, RICHARD SLOVER-TN, JOOST DENISSEN-HOLLAND, & WERNER MUSTERLE-FRG, including U.S. Army & Navy, NATO, European Military, and U.S. commercial usage

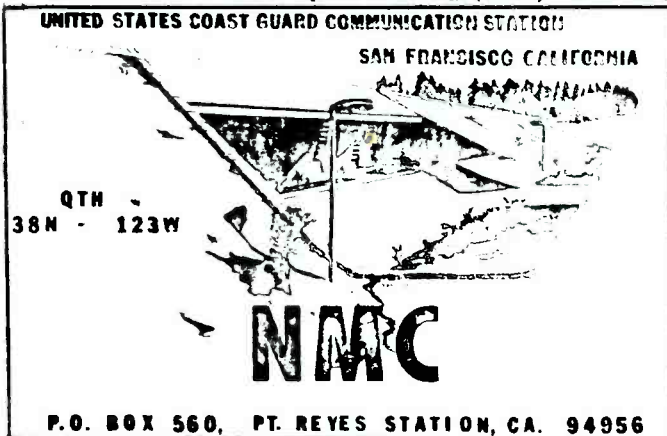
ZNS Here new slip	*ZOD Act as radio link between me and _____.
ZOA Have checked(callsign) _____ OK.	*ZOE Give me message
*ZOC Relay to your substations.	*ZOF Relay this message.
ZOD Observing _____ will transfer when better.	*ZOG Transmit your message.

ZOH What tfc have you on hand?
 ZOK WE ARE RECEIVING YOU OK
 *ZOK Relay this msg via _____.
 ZOL O.K., On line.
 *ZOM Mail delivery permissible.
 ZOR Transmit only reversals.
 *ZOU Give tfc routing instructions.
 *ZOO Obtain retransmission msg _____.
 ZPA Printer line Advance not rec'd
 *ZPA Your speech distorted.
 ZPC Printer carriage return not received.
 *ZPC Signals fading (1-5).
 ZPE Punch everything.
 *U.S. military usage. NEXT MONTH: ZRK through ZTI.

ZPF Printer motor FAST.
 ZPO Send plain once.
 ZPP Punch plain only.
 ZPR Rerun slip PRESENT RUNNING.
 ZPS Printer motor slow.
 ZPT Send plain twice
 ZRA Reverse auto tape.
 *ZRA My freq OK? Your freq _____.
 ZRB Relay bad, adjust receiver.
 *ZRB Check your freq this circuit
 ZRC I can receive code
 *ZRC Tune ur xmtr to _____.
 *ZRE Hear you best on (kcs).
 *ZRF Send tuning sigs on freq ____

QSLs All freqs in khz

AUSTRALIA: VNG Telecom Austr Lyndhurst 7500 F/d ltr 30d for IRC(Koelble-OH) f/d fldr cd 17d for no RP. 12000 khz. (Latteman-WA)
CANADA: 8868 Gander VOLMET. F/d ltr 207d surface for no RP(Stickle-NY)
 CHU Ottawa 14670 color cd in 25d for no rp (Cereghin-MD)
ECUADOR: 7600 HD210A INOCAR Guayaquil date/freq only orange sundial cd in 60d air for SS report & no rp (Stickle-NY)
DJIBOUTI: FUV Fr. Navy Djib City 13046 hand-written broken EE ltr acknowl-eging reception but but refusing "inforMations" on mil grounds. 34d air for ms. (Holbrook-MD)
HONG KONG: VPS C&W Cape d'Aguilar 17096 fldr cd 24d for IRC (Holbrook-MD)
JAPAN: JOR 22409 & JOS 22396 Nagasaki NT&T f/d ltr & hand-colored QSL sheet in 15d air for IRC. 15kw & 3kw. (Holbrook-MD)
PUERTO RICO: WWA3 San Juan ARINC 5610 PFC 17d for ms (Starr-GA)
U.S.A.: WDR Miami FL marine op 2490 refusal ltr 10d for ms (Starr-GA) WDR has often verified in the past, Tim. Did you quote tfc? It's a no-no.-Ed
 WJO So. Bell T&T Charleston SC 2566 PFC in 10d for ms (Brick-TX)
 ADDRESS: Southern Bell T&T Room 502 1600 Hampton St. Columbia, SC
 AFG37 Scott AFB IL 11182 PFC in 12d for ms (Starr-GA)
 NMA10 USCG Mayport FL 2670 PFC in 16d for ms (Starr-GA)
 NMB USCG Charleston SC 2670 PFC in 4dfor ms (Brick-TX)
 NMY41 USCG Shinnecook R. NY 2670 f/d ltr in 16d for ms (Koelble-OH)
 NMN13 Cape Hatteras R. NC 2670 PFC in 7 days for ms. (Starr-GA)
 NMN80 USCG Hampton Roads R. 2670 PFC & ltr 10d for ms (Starr-GA)
 WOO ATT Oceanate R. NJ 4403 date only phone/ship cd 13d ms (Koelble-OH)
 NOQ USCGAS Mobile AL PFC in 6d for ms (Starr-GA)
 WCC RCA Chatham MA 8630 f/d ltr in 9d for ms(returned) (Koelble-OH)
 KVD NOAA Data Buoy Svc Bay St Louis MO 12435.4 PFC & note ms (Freqs: 4143.6, 6218.6, 8291.1, 16593.3, 22130.2) ADDRESS: NOAA Data Buoy Office Radio Station KVD Nat'l Space Tech Lab(NSTL) NSTL STA, MS 39529



Thank you
 to
 BOB RZEPKA-WI

AIRCRAFT: COAST GUARD TWO 5696 PFC & photo in 12d for ms (Starr-GA)
 CG#1346 5696 PFC in 7d, ms returned (Starr-GA)
 CG#1433 5696 PFC in 11d for ms (Brick-TX)
 CG#1473, #1479, #1487, #1496, #5794, #7254 5696khz PFCs in 6 to 21d for ms. (Starr-GA)

King 53 HC130H Kirtland AFB NM 8989 PFC 21d ms. 400w. (Chabak-AZ)
 Jolly 45 CH3E Tyndall AFB NM(home sta) 11182 PFC 16d MS 400w(Chabak)
 King 09 11182 PFC, ltr + photo + ARRS info(March AFB) 77d ms(Russell)
 King 40 11182 HC130B(Kirtland) PFC in 27d for ms (Chabak-AZ)
 Lark 54 WC135B(McClellan) 11236 PFC in 31d for ms (Chabak-AZ)
 LL785 USNP3C(Jax NAS)11246 PFC in 31d for ms (Russell-IL)
SHIPS: USS Mississippi NGGD 25 2565 PFC, ltr&photo, etc. 12d ms (Brick-TX)
 USS Belleau Wood LHA3 4068.5 PFC in 64d for ms. 600w. (Chabak-AZ)
 NHKW USCGC Confidence 6506.4 PFC in 10d for ms (Brick-TX)
 NIJB CGC Modoc 6506.4 PFC+pamphlet in 28d for ms (Brick-TX) ADDRESS:
 P.O. Box 1179 Coos Bay, OR 07420

NRGJ CGC Point Divide 6516.4 PFC in 15d for ms (Brick-TX)
 NREFN CGC Ironwood 6506.4 PFC in 12d for ms(Brick-TX) FPO Seattle
 GOPM MV Jocelyne cargo 12330 PFC+ltr 168d air for ms (A. Mason-ONT)
 LASQ Team Augwi tanker 12555 PFC in 77d for IRC. 1500w (A. Mason-ONT)
 GWAK Eye of the Wind brigantine 22015.5 PFC+photo 43d for IRC(A. Mason)
 KKFE Glomar Grand Isle oil driller 22124 PFC 35d ms. 1000w.(A. Mason)
 KAAC Exxon San Francisco tanker 22130 PFC<r+photos 85d ms (A. Mason)
 GOXS MV Wild Auk reefer PFC+ltr 45d air for ms. 1200w. (A.Mason-ONT)
 GYXG Act I container ship 22234 f/d ltr 39d air for ms 1000w (A. Mason)
 GZKA Act 3 container 22234 PFC in 25d for IRC(returned) air (A. Mason)
 S6GF Cherry Lord tanker 22234 PFC 90d air for IRC&EE rpt 1kw (A. Mason)
 GYSJ MV Moreton Bay container ship 22279 PFC<r 27d IRC 1kw (A. Mason)



MINISTERIO DE COMUNICACIONES
 DIRECCION DE TELECOMUNICACIONES
 OFICINA INTERNACIONAL
 CARACAS - VENEZUELA



Y W

En atención a su radiograma fecha de Sept. de 1964.
 a nuestra frecuencia 5.147 kc/s. deseo confirmarle la
 utilización de la mencionada frecuencia en el servicio (s)
 de: R T F X E A

Caracas, 12 de Marzo de 1965

QSL

Sr. BILL WILSON 58 King Ave.
 Folcroft, Penna. Zip Code 19032
 U.S.A.

All times GMT	LOGGINGS NORTH AMERICA	All freqs in kHz
ALASKA: 6506.5	0250 NOJ USCG Kodiak OM EE wkg San Francisco SSB(Coleman)	
6738	0848 AKA5 Elmendorf AFB OM wkg MAC60165 USB (Alexander-IA)	
8890	0545 Anchorage VOLMET YL EE aero wx USB (Marge White-CA)	
8989	0308 AKA Elmendorf AFB wkg King 69 USB (Chabak-CO)	
CANADA: 2550	0220 VFN Montreal R. DOT OM EE&FF ice report AM(Stone-ONT)	
4422.2	0338 CFW300 Vancouver Marine Op OM wkg "Voyager" "Robin Gail II" & "Centennial Lion" USB (Peggy Thompson-CA)	
8697	0321 CFH Navy Ellerhouse NS V mkr, tfc CW (Wilson-PA)	
	8868 0625 VFG Gander VOLMET OM EE aero wx AM (Brodsky-NY)	
	13272 1225 VFG Gander VOLMET aero wx AM (Hill-VA)	
	15035 1531 CHR Trenton Military OM aero wx USB (Koelble-OH)	
	1335 CJA St. Johns Military OM aero wx USB (Brodsky-NY)	
	2217 VKA Edmonton Military aero wx USB (Rzepka-WI)	
U.S.A.: 2150A	0245 Norfolk Marine Op wkg USNS "Rigal" AM (Stone-ONT)	
2670	0200 NMY41 Shinnecook NY R. USCG OM EE NoMarsUSB(Koelble)	
	0403 NMN37 USCG Ft. Macon NC wkg Pt Martin USB(Starr-GA)	
	1058 NOY USCG Galveston OM EE NoMars USB (Koelble-OH)	
	1106 NMK USCG Cape May OM EE ice report USB (Koelble-OH)	
3001	0004 WSY70 NY VOLMET OM EE aero wx AM (Ellis-OH)	
4145a	0525 EWU Golden Meadow LA OM wkg "John F." USB(Brick-TX)	
	0545 KNV Hackberry LA OM wkg MV Jane Ann LaFlitte (Brick)	
4403.9	0703 KMI ATT Dixon R. CA sked & tfc annnmts (Thompson-CA)	
4428.7	1529 NMN USCG Portsmouth VA YL EE wkg ships USB(Wirrell)	
	0442 NMC USCG SanFran OM EE marine wx USB (Jones-CA)	

4428.7	0442	NMC USCG SAN FRANCISCO OM EE marine wx USB(Jones-CA)	
4635a	0520	WKF549 Denver CO OM EE wkg K21399 mobile USB(Brick)	
4787	0010	Boeing, Everest(?) WA testing OM EE USB (Beal-WA)	
5652	0132	WSY70 NY VOLMET wx AM(Yajko-PA)(Davidonis)(Brookwell)	
5673	0200	NY Aeradio OM EE wkg Clipper 110 USB (Stone-ONTARIO)	
5696	0032	NOT USCGAS Traverse City MI wkg #1799 (Compton-MA)	
6873	0630	VQA Greenville feeder EE to Ascension SSB(Brodsky-NY)	
6925	0245	KKN50 State Dept DC CQ?mkr CW (Coleman-MA) QRA mkr?	
8588	1715	WCC RCA Gatham MA CQ mkr CW (Wilson-PA)	
8765.4	0430	NMC USCG San Francisco OM marine wx USB (Witte-CA)	
8984	2200	NOU USCGAS Mobile AL OM wkg #5788 USB(Alexander-IA)	
8989	0011	Quill 22 wkg McClellan patch to McChord USB(Holmes-CO)	
	0522	Allergy 41 OM EE wkg McClellan AFB USB (Holmes-CO)	
9014	0217	AFL Loring AFB ME OM EE wkg MAC08228 USB(Coleman-MA)	
10570	0250	WEE/L70 OM EE ATT NY vm USB (Alexander-IA)	
10637.5	0414	KKN50 State Dept Intell Svc DC QRA mkr CW(Alexander)	
12135	0414	NSS USN Annapolis NAM multimarker CW (Boehm-TX)	
14695a	2343	ICEBOX CANTEEN & ATLAS (same xmtr) US Customs Bureau Washington DC OMs EE wkg EPIC USB (Compton-MA)	
16518.9	2215	KEC New Orleans LA OM wkg tugs USB (Beal-WA)	
20000	2045	WWV N.B.S. Boulder CO time tick AM (Jones-CA)	
23002a	1650	WOO ATT OceanGate R. NJ OM EE vm USB (Coleman-MA) 1830 (Beal-WA)	
25590	2043	NAM USN Norfolk VA wkg USS Kane CW (Boehm-TX)	
MEXICO: 4292	0300	XFP PTT Chetumal R. CQ mkr CW (Thompson-NM)	
10452	0245	XDA132 PTT Mexico City OM SS vm USB (Alexander-IA)	
14525	0305	XDD246 PTT Mexico City OM SS vm LSB (Wilson-PA)	
USA:	6715	0040	Hayward Rescue ANG CA OM wkg Rescue 60221 (Russell-IL)
	18027	2100	AFA Andrews AFB MD OM EE wkg CHECKERBOARD LSB(Russell)
	25578	1740	AFA Andrews AFB OM EE wkg SAM27000(Russell-IL)
			<u>CARIBBEAN</u>
BARBADOS:8765.4	2350	8PO C&W St. Philip OM EE wkg "Afghanistan"USB(Beal)	
CUBA:	8573	2150	CLA EMRAIN Havana CQ mkr CW (Vranes-PA)
	22396	1600	CLA EMRAIN Havana CQ mkr CW (Proom-ENGLAND)
	24997a	2050	CLQ Navy Havana R. V-CQ mkr CW (Boehm-TX)
DOMINICAN REP.:	13168	2305	HIG8 DG Santo Domingo clg BASC CW (Herkimer-NY)
JAMAICA:13065	1645	6X1	J.I.T. Kingston CQ mkr CW (Herkimer-NY)
MARTINIQUE:22390	1810	FUF	French Navy Fort de France V mkr CW (Thompson-NM)
MONTSERAT:4310a	0148	MTI	(temp call) BRN Plymouth ID mkr CW(Alexander-IA)
PUERTO RICO:2670	0305	NMR	USCG San Juan OM EE marine info USB (Starr-GA)
	5692	0254	NMR26 USCGAS Borinquen wkg CQ#1438 USB (Brick-TX)
	8480	0305	NMR USCG San Juan CQ mkr CW (Catalano-NY)
TRINIDAD:8710	1310	9XL	TEXTEL North Post R. CQ mkr CW (Herkimer-NY)
			<u>CENTRAL AMERICA</u>
GOSTA RICA:13100	0356	TIM	RGR San José V mkr CW (Pyne-MD) 1520 (Lani Pettit-IA) 2135 (Vranes-PA)
			<u>SOUTH AMERICA</u>
ARGENTINA:4400a	0810	LPD	General Pacheco R. OM SS vm w/tango USB(George-TX)
	6512.4	0505	LPD Gen. Pacheco R. OM SS/mm vm USB (Beal-WA)
	8759.2	0558	LPD Gen. Pacheco R. OM SS/mm vm USB (Jones-CA)
	13160a	2346	LATEL Buenos Aires OM SS vm USB (Smith-MA)
	14855	2310	PSR EMBRATTEL Rio OM EE/PP vm USB (Beal-WA)
CHILE: 15771.5	0820	CCS	Navy Santiago V mkr CW (Dawson-CA)
	18335	2255	CCS Navy Santiago V mkr CW (Vranes-PA)
GUYANA:15010	0700	USAF	Georgetown OM EE wkg DOVER USB (Wilson-PA)
PERU: 20885	1705	US	Mil Group, Lima OM EE wkg Albroom AFB USB(Russell)
VENEZUELA:6100	0710	YVTO	Obs Cagigal Caracas OM SS time sigsAM(Latteman-WA) 0743 (Thompson-CA)
	14530a	2330	R. Nacional SS feeder SSB (Beal-WA)
			<u>EUROPE</u>
BELGIUM:16900	0340	OSN	NATO Rouveray V mkr CW (Thompson-NM)
DENMARK:12916.5	0710	OXZ	6 Lyngby R. CQ mkr CW (Pettit-IA)
ENGLAND: 6488a	0800	GXA	Whitehall Naval R. London ID mkr CW(Proom-ENG)
FINLAND: 8456	0320	OFJ	D.P.T. Helsinki R. ID mkr CW (Thompson-NM)
FRANCE: 4328	0142	FFL	2 PTT S. Lys R. CQ mkr CW (Alexander-IA)
	6348	0355	HWN Navy HQ Paris V mkr CW (Watts-IN)
	8453	0534	HWN Navy HQ Paris V mkr CW (Stein-NJ)
	10195	2240	FPR9 FTS Paris OM FF/EE vm USB (Beal-WA)
GERMANY, E.:14975	1730	DKE	5 UDP Berlin OM GG/EE/FF vm USB (Walters-NJ)
GERMANY, W.:5427	0415	KRH	50 US Embassy Bonn QRA mkr CW (Boehm-TX)
	5690	0120	DHM95 RCAF Lahr Military OM EE Euro wx USB(Compton)
	8672.5	0040	DAF DB Norddeich R. V mkr CW (Catalano-NY)
	11265	2326	DHM95 RCAF Lahr Mil OM EE wkg Mil 592 USB(Compton)

GIBRALTAR:8126 0616 MLU RAF Gibraltar V mkr CW (Alexander-IA)
 12825 1957 GYU BRN ID mkr CW (Fitzgerald-RI)
 GREECE:14358 2325 KWS78 US Embassy Athens multical mkr CW (Russell-IL)
 17094.8 1828 SVB HTO Athina1 R. V mkr CW (Walters-NJ)
 HOLLAND:12799.5 2045 PCH PTT Scheveningen R. CQ mkr tfc list (Fitzgerald)
 ICELAND:8690 0820 TFA PTT Reykjavik R. CQ mkr CW (Proom-ENGLAND)
 IRELAND:5533 0135 EIP Shannon VOLMET wx AM (Yajko-PA) 0235 (Davidonis-MA)
 0421 (Donahue-CT)
 13312 1236 EIP Shannon VOLMET OM aero wx AM (Hill-VA)
 ITALY: 4320a 0141 IDR Navy Rome V mkr CW (Alexander-IA)
 8685 0740 IRM Rome Medical R. V mkr CW (Stein-NJ)
 10715 0015 IRV37 ITALCABLE Rome YL EE/FF/SS/It vm USB (Beal-WA)
 POLAND:16974 0618 SPB PTT Szczecin R. V mkr CW (Blaize-LA)
 22505 1805 SPB PTT Szczecin R. CQ mkr CW (Walters-NJ)
 PORTUGAL:13042.5 0437 CTV Navy Monsanto V mkr CW (Blaize-LA)
 SCOTLAND:5680 0310 Edinburgh R. OM wkg Alpine 20, 21 & 24 SSB (Proom)
 SWITZERLAND:13023.5 0441 HEB R. Suisse SA Berne CQ mkr CW (Blaize-LA)
 USSR: 12160 0840 RGD25 Moscow R/T YL EE vm USB (Dawson) 1925 (Beal-WA)
 16922.8 0619 UAT M.P.T. Moscow CQ mkr CW (Blaize-LA)
 12695 0620 URD Leningrad R. M.P.T. ID mkr CW (Russell-IL)
 17179.5 1758 UDH MTT Riga, Latvian SSR CQ mkr CW (Alexander-IA)
 24321a 1525 Moscow R/T YL EE vm SSB (Proom-ENGLAND)
 YUGOSLAVIA:22422a 1230 YUR PTT Rijeka R. V mkr CW (Proom-ENGLAND)

AFRICA

CAMEROON:11616 2135 INTEL CAM Douala OM FF/EE vm USB (Beal-WA)
 CONGO: 6617 0345 Brazzaville VOLMET OM FF aero wx AM (Rzepka-WI)
 10073 2045 Brazzaville VOLMET OM FF aero wx AM (Blom-NY)
 DJIBOUTI:13042.5 2130 FUV French Navy Djib City V mkr CW (Alexander-IA)
 LIBERIA:20950 0207 KKN44 US Embassy Monrovia QRA mkr CW (Catalano-NY)
 LIBYA: 8516 0450 5AT GCPT Tripoli R. manual V's CW (Herkimer-NY)
 KENYA:10073 2341 Nairobi VOLMET OM FF aero wx AM (Dawson-CA)
 MADAGASCAR:6617 0520 Tananarive VOLMET OM EE/FF wx AM (Beal-WA)
 MAURITIUS:1283 1828 3BA Navy Port Louis clg H5NK CW (Herkimer-NY)
 MOROCCO:19915 2215 VOA Tangier unk lang feeder to Munich USB (Beal-WA)
 NIGER:10846 0200 5U48 FCR Niamey YL FF/EE vm USB (Beal-WA)
 SENEGAL:9950 0725 6VA89 PTT Dakar YL EE/FF vm LSB (Jones-CA)
 13410 0310 6WW French Navy Dakar-Hann R. V mkr CW (Coleman-MA)
 SOUTH AFRICA:8688.5 0400 ZSC GPO Capetown R. CQ mkr CW (Catalano-NY)
 12950 0012 ZRH Cape Naval R. Simonstown ID QSX mkr (Fitzgerald)
 16965a 0616 ZRQ2 Cape Naval R. Simonstown V mkr CW (Blaize-LA)
 17075 0509 ZSD GPO Durban R. CQ mkr CW (Blaize-LA)
 22455 1825 ZSC PMG Capetown R. CQ mkr & tfc CW (Coleman-MA)

ASIA

BAHREIN:8448 0310 A9M C&W Manama ID mkr CW (Thompson-NM)
 CHINA: 8582 1410 XSW Kaohsiung R. CQ mkr CW (Thompson-NM)
 KOREA, S.:8484 1355 HLF MinCom Seoul CQ mkr CW (Thompson-NM)
 13000.5 0520 HLW MinCom Seoul CQ mkr CW (Dawson-CA)
 INDIA: 8634 1405 VTG Navy Bombay V mkr CW (Thompson-NM)
 12804 2327 VTG Bombay Naval R. V mkr CW (Herkimer-NY)
 12840 0540 VTP Navy Delhi V mkr CW (Herkimer-NY)
 IRAQ: 12679.5 0515 YIR Basrah Control R. V mkr CW
 ISRAEL:13051.5 0118 4XO PTT&R Haifa CQ mkr CW (Catalano-NY) (Blaize-LA)
 JAPAN: 8000 0908 JG2AE Koganei time tick CW (Dawson-CA)
 1709 JJJ M.P.T. Tokyo YL EE time sigs AM, CW ID (Thompson)
 8753 0827 JBO KKD Tokyo R. YL EE/JJ vm 0831 OM JJ tfc list
 USB (Jones-CA)
 8903 0840 JMA Tokyo VOLMET OM EE aero wx AM (Jones-CA)
 8967 0740 AIF Yokota AFB OM EE wkg JV954 USB (Chabak-AZ) /-CA
 10000 1529 JJJ M.P.T. Tokyo YL EE time sigs AM CW ID (Thompson)
 PAKISTAN:13011 0535 AQP Karachi Naval R. V mkr CW (Herkimer-NY)
 17093 0255 AQP4 Navy Karachi V mkr CW (Thompson-NM)
 PHILIPPINES:8548 1340 DZF Liberty Net Bacoor R. CQ mkr CW (Thompson-NM)
 8993 0757 Clark AFB Luzon AIC OM EE wkg RG USB (Chabak-AZ) /NM
 17176 1800 DZG Globe Mackay Las Pinas R. CQ mkr CW (Thompson)
 YEMEN, P.D.R.:844.4 0505 70A Aden R. ID mkr & tfc list CW (Herkimer-NY)
 USSR: 8917 0330 Tashkent VOLMET YL RR aero wx AM (Russell-IL)
 SAUDI ARABIA:8847 0338 Jeddah Aeradio OM EE clg Cairo AM (Russell-IL)

OCEANIA

AUSTRALIA:8597 2218 VIP3 AOTC Perth R. V mkr CW (Vranes-PA)
 8975 0642 AXH RAAF Townsville OM EE wkg Ascot 4576 USB (Chabak)
 0845 AXF RAAF Sydney OM wkg Sable Is. USB (Alexander-IA)
 0852 AXI RAAF Darwin YL EE wkg Singer 778 USB (Chabak-CO)
 12000 0607 VNG TelAus Lyndhurst time tick AM (Brotsky) (Latteman)

GUAM: 8989 0812 AIE Andersen AFB OM EE wkg PR034 USB (Chabak-AZ)
 18320a 1720 NPN USN Agana tfc CW (Walters-NJ)
 HAWAII: 5696 0451 USCGAS Barbers Pt. OM EE wkg #1348 USB (Brick-TX)
 5519 0632 Honolulu VOLMET OM EE aero wx AM (Thompson-CA)
 6738 0839 AGA2 Hickman AFB YL EE wkg MAC40648 USB(Alexander-IA)
 8765 0545 NMO USCG Honolulu OM EE vm USB (Starr-GA)
 17267a 0225 KAB Honolulu Oceanographic Institute YL EE wkg WTEF
 "Rainier" NOAA vessel MSS-21 USB (Russell-IL)
 NEW CALEDONIA:14783 0030 PTT Noumea OM EE/FF vm LSB (Beal-WA)
 NEW ZEALAND:11130 1405 ZLXZ2 NZPO Himatangi CQ mkr CW (Alexander-IA) /NM
 PHILIPPINES:8568 1335 DZR Phillipine Global Bulacan R. CQ mkrCW(Thompson-

ANTARCTICA

8997 0925 NZCM USN Williams Field McMurdo OM wkg XD05 USB (Chabak-CO)
 13251 0722 NZCM USN Williams Field McMurdo OM wkg XD05 USB (Chabak-CO)
 13976.5 0240 N0ICE Mars McMurdo OM EE wkg NGN LSB (Stein-NJ)
 0305 N0ICE Mars McMurdo OM EE wkg N0NYP LSB (Watts-IN)
 0520 N0ICE Mars McMurdo OM EE wkg N0ICM LSB (Wirrell-MA)
 14118 0645 VP8 British Base Rothera OM EE tfc SSB (Valentine-CA)

IN ORBIT

29405 0120 OSCAR Satellite telemetry beacon: HI followed by 6 2-digit
 telemetry numbers, repeated. CW (Catalano-NY)

UNIDENTIFIED

4960a 1108 L2R & U5N EE tfc SSB & RTTY tfc (Rzepka-WI)
 6375a 0745 UCC V mkr CW (Proom-ENGLAND)
 6673a 0527 A7A ID + "532 23" CW(Fitzgerald-RI)Sounds like any #1 - Ed.
 10790a 0512 Weird flute-like tune repeated(also on 20660a) (Pettit-IA)
 15000a 1639 KWM: "CQ DE KWM VVV" CW under VVV (Catalano-NY)

SHIPS

2670 0403 CGC Point Martin OM wkg ??? re disabled vessel USB(Starr)
 4090a 0634 Warship "Saskatchewan" OM skg Vancouver R. USB (Brick-TX)
 4100a 0505 "Emerald Sea" OM EE wkg WOM USB (McWherter-MD)
 4428.7 0451 NOBE CGC Cape Wash OM EE clg NMC USB (Starr-GA)
 5696 0445 NPGA CGC Cape Upright OM EE clg #1350 USB (Beal-WA)
 6506.4 0505 CGC Point Stuart OM EE wkg Long Beach CG USB (Brick-TX)
 0721 WTEA "Discoverer" NOAA ship OM EE wkg SanFran USB(Chabak-AZ)
 8204 0500 Texaco Utah OM EE clg Monaco R. USB (Beal-WA)
 8265a 0254 3EQN OM EE "Mardi Gras" clg WOM USB (Fitzgerald-RI)
 8365.5 0514 SXFS "Elpida" clg SVA CW (Connell-MA)
 Please put your last name(not initials) on each logging + your state.
 8365.5 0510 SPYM "Stefan Batory" clg SPE CW (Connell-MA)
 8481a 0200 KTKX "Wilmington Getty" clg WNU CW (Coleman-MA)
 8720a 0445 Linc "Pacific Princess" EE tfc USB (Witte-CA)
 8790 0500 "Royal Viking" LILY Liner in Milano tfc USB (Witte-CA)
 8972 0815 4YE Ocean Sta ECHO OM clg Ocean Sta MIKE USB(Russell-IL)
 Still using old 4YE call? New call in ITU is C7E. - Ed.
 10797a 2116 AAKJ (U.S. Army vessel-Ed.) OM EE clg AAC2 USB(Devendorf-CA)
 12330 2045 WYBI "American Aquarius" OM EE clg KMI USB (Beal-WA)
 2330 KAKL "Avalon" tanker OM EE clg KMI USB (Beal-WA)
 12333.1 2343 "Lomar Challenger" OM EE clg KMI USB (Beal-WA)
 12420 2348 "Sea Lane Pioneer" OM EE clg KSC USB (Beal-WA)
 12546a 0612 "Esso Cambria" clg ZSC CW (Connell-MA)
 12547a 0610 SVEG "Apollonia" clg SVA CW (Connell-MA)
 16520a 2020 "African Comet" OM EE wkg ??? USB (Beal-WA)
 22123.5 2105 "Overseas Valdez" in Carib nr Canal OM EE wkg ??? USB(Beal)

AIRCRAFT

4627a 0250 Thunderbird 25 AZ CAP A/C OM EE wkg 51 T-bird SSB(JonesCA)
 5603 0615 Clipper 811 OM EE wkg San Fran aeradio USB (Thompson-CA)
 5610 0242 Aero Mexico 450 OM EE wkg NY ARINC USB (Godbey-FL)
 5673 0106 Seaboard 305 OM EE wkg Gander USB (Godbey-FL)
 0123 FF180 OM EE wkg Shanwick Aeradio USB (Godbey-FL)
 5610 0617 Speedbird 250 OM EE wkg Santa Maria aeradio USB (Holmes-IL)
 0633 KLM771 OM EE wkg San Juan aeradio USB (Holmes-IL)
 0705 Iberian 977 OM EE wkg NY aeradio USB (Holmes-IL)
 5673 0329 Portuguese 311 OM EE wkg NY USB (Holmes-IL)
 PLEASE PUT FREQ ON EACH INDIVIDUAL LOGGING. TRIPLE-SPACE TYPED LOGs.
 5673 0344 Delta 10 OM EE wkg Santa Maria USB (Holmes-IL)
 0525 Trans Int'l 103 OM EE wkg NY ARINC USB (Holmes-IL)
 5692 0254 CG#1438 OM EE wkg Borinquen Air P.R. USB (Brick-TX)
 5696 0438 CG#1438 OM EE wkg BARB AIR HI USB (Brick-TX)
 6540 2357 Fleming 666 OM EE wkg NY aeradio USB (Holmes-IL)
 6705 0822 Canadian Mil 716 OM EE wkg Trenton Military USB (Chabak-AZ)
 8875 0332 WardAir 401 OM EE wkg SanFran aeradio SSB (Holmes-IL)

0429 Western 561 OM EE wkg Honolulu aeradio USB (Holmes-IL)
 0454 Empress 334 OM EE wkg San Francisco ARINC USB (Godbey-FL)
 8375 2307 Continental 975 OM EE wkg San Fran USB (Short-CA)
 8931 0334 Tiger 7014 OM EE wkg San Francisco ARINC (Holmes-IL)
 8945 0305 Royal Air Maroc 203 OM EE wkg NY ARINC USB (Godbey-FL)
 8847 0337 Saudi AF 110 OM EE wkg Jeddah aeradio AM (Russell-IL)
 8959 2359 Dominicana 904 OM EE wkg NY ARINC USB (Holmes-IL)
 8945 2302 Royal Jordanian 262 OM EE wkg Santa Maria LSB (Holmes-IL)
 8959 0109 Condor 351 OM EE clg Piarco aeradio USB (Godbey-FL)
 8882 0340 Springbok 262 OM EE wkg Kano Aeradio USB (Fitzgerald-RI)
 0354 Kilo 173 OM EE wkg Dakar aeradio USB (Fitzgerald-RI)
 8912 2115 Lockheed 17 OM EE clg Lockheed L.A. CA USB (Beal-WA)
 8967 0012 Air Force Two at LaGuardia wkg CROWN via Andrews (Compton-MA)
 0225 Air Force One OM EE wkg Andrews AFB LSB (Russell-IL)
 0350 AF100: "123-321 Air Force One Hundred" OM EE LSB (Compton)
 0333 AF One OM EE wkg CROWN & AF Ops via Andrews LSB (Compton-MA)
 8939 0139 Kite 23 OM EE wkg McClellan AFB USB (Chabak-AZ)
 0230 "Dry Run" OM EE wkg MacDill AFB USB (Compton-MA)
 0319 Rescue 50989 OM EE wkg Scott AFB RCC USB Short-CA)
 8993 0400 Air Force Two OM EE wkg MacDill AFB USB (Jones-CA)
 11194 2340 Orion 78 OM EE wkg Lockheed L.A. USB (Devendorf-CA)
 15015 1707 Blade 22 OM EE clg Scott AFB & MAINSAIL USB (Rzepka-WI)
 2123 AF77 OM EE wkg Scott AFB USB (Thompson-CA)
 15048 0740 SAM26000 OM EE wkg Andrews AFB USB (Russell-IL)
 17993 1605 AF ONE OM wkg White House Comm Ctr via CROWN&AFA (Russell)
 18027 0215 SAM86971 OM wkg Security Command Ctr via AFA USB (Russell-IL)

TACTICAL

4725a 0910 ASSURANCE OM EE wkg SKYKING USB (Jones-CA)
 6723 0236 WO OM EE wkg FM (YL) USB (McWhorter-MD)
 0645 BEAVER San Clemente Is. YL EE wkg PANTHER USB (Alexander-IA)
 5700 0120 HIGH TIDE OM wkg AMERICA AMERICA on SAC BQ freq USB (Compton)
 6723 0653 QM OM EE clg FO & BR & wkg Panther USB (Alexander-IA)
 9006 0112 JOYRIDE OM EE clg Y9K14 USB (Devendorf-CA)
 11183 2033 DUTCH DELTA OM EE wkg DUTCH 80 USB LSB AM (cks) (Devendorf)
 11243 2228 BINOCULAR OK EE wkg SKYKING USB (Dawson-CA)
 15043 1715 CORNET OM EE clg SKYKING LSB (Rzepka-WI)
 10194 1704 DRAGNET 2 OM EE wkg INCOGNITO USB (Russell-IL)
 11182 2158 TAILPIPE ALPHA OM EF clg Scott AFB USB (Russell-IL)
 23265 1629 CABLEBOY Mexico City OM EE wkg AF1 & SAM27000 USB (Russell)

SPY NUMBERS STATIONS

3442a 0411 YL SS 3 digits (What were they?) "Atencion" AM 2/28 (Brick)
 5764a 0508 YL SS 5-digit groups AM 2/19/79 (Jones-CA)
 5800a 0320 YL SS 4-digit groups AM 2/1/79 (Stone-ONTARIO)
 6505a 0512 YL GG 5-digit groups AM 2/15/79 (Brick-TX)
 6773a 0610 YL SS "Atención 867 70" 5-digit groups 0612* 3/3 (Watts-IN)
 6776a 0704 YL SS 5-digit groups AM 2/27/79 (Jones-CA)
 6780a 0305 OM unknown language 5-d groups (digits phonetically were:
 "SHETRA" "DOULA" "YETANA" "DIUA" "SHED" AM 2/11 (Proom-E)
 7339a 0613 YL SS "Atención 317 Final" 2/13/79 (Pettit-IA)
 7342a 0212 YL SS "Atención 018 35" 5-d groups AM 3/10/79 (Watts-IN)
 7520a 0801 YL SS "Atención 711" rptd to "Final" @ 0803 2/25 (Thompson-C)
 7526.5a 0528 YL SS 5-digit groups "Final" @ 0538* AM 3/12/79 (Watts-IN)
 7757a 0203 YL "Atencion 028 35" SS 5-digit "Final" 0206* 3/10 (Watts)
 7910a 0623 YL "Atencion 867 70" SS 5-d "Final" 0632* 3/3/79 (Watts-IN)
 8873a 0503 YL SS 5-digit groups AM (Watts-IN) 0506 (Fitzgerald-RI) 2/19
 8910a 0600 YL SS 5-digit groups AM 2/25/79 (Brodsky-NY)
 10366a 0511 YL SS "Atención 258 25" faded AM 3/6/79 (Watts-IN)
 11570a 0505 YL SS 5-digit groups "Final" 0511* 2/13/79 (Pettit-IA)
 12210a 0743 YL GG 5-digit groups USB 2/25/79 (Dawson-CA)
 14970a 2229 Ticking, whistle tone then YL EE "788 454" for 10 minutes,
 then abruptly off at 2240. AM 3/4/79 (Pettit-IA)

RADIOTELETYPE

ALGERIA: 17601 2230 AfPress SVC Algiers FF news 66 wpm 425 hz shift (Woods)
 ANTARCTICA: 13976a 0230 NØICE MARS McMurdo MARSgram 100/170 (Stein-NJ)
 ENGLAND: 18511a 2121 GNS Southampton EE news ??/??? (Stein-NJ)
 JAPAN: 19520a 0100 JMG892 wx 66/425 (Woods-OK)
 PERU: 16108a AFP/ACP EE "News from France" 0000 SS nx 66/425 (Stein-NJ)
 U.S.A.: 11491a 2200 VOA Greenville EE RY & Fox tests 100/170 (Woods-OK)
 15705a 2200 WF177 AP NYC AP ID "FAX" rptd ??/??? (Woods-OK)
 USSR: 12110a 0530 Tass Moscow EE news 66/425 (Woods-OK)
 VENEZUELA: 13900a 2100 Prensa Latina Caracas 66/425 (Woods-OK)

QSL REPORTS

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

Well, April at last and we are having some much better weather. I hope that conditions are improving where you are. Spring is a very welcomed sight!

Several interesting items were received this month. Radiodiffusion Television Gabonaise is sending out some new cards. They feature a new map showing sites of both Radio and Television transmitter sites. Moyabi, the site of their new International Service transmitters, is included. In so far as I know, these transmitters are still not in regular use. Perhaps they are getting close.

Once again SRS Paramaribo Suriname is issuing some more of their folder cards, and verification letters. They must have a few hundred unanswered reports on hand. It has been six or eight months since anyone has received anything from them.

Youngsters are now getting into the act. This month Debbie Mellinger, ten year old daughter of Craig Mellinger, received her first QSL. It was from Radio Prague, and she is also going to receive a "Pop" record. You're right Craig, this is a good way to turn them on to Social Studies as well as to DXing. If others have reports that were sent to their kids, I will be glad to print them.

A word about the good ole USPO. Even though QSL reports are not as dated as reports to other columns, please give your report packets at least five days to get to my QTH. Mail service from the West Coast is very good, service from Midwest, and Northeast is not quite so good taking at least four days.

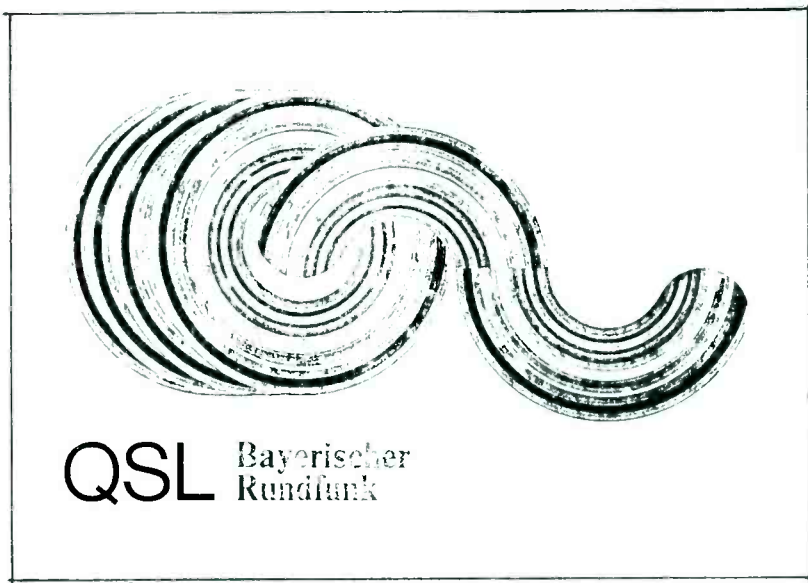
A right fair number of reporters (70) reporting this month, 3 for the first time. Keep it up, it's your club and column - I can only report what you send in.

Away we go!

Europe

- ALBANIA: R. Tirana, 9750, f/d "Revolutionaire" cd in 81d sfc, for (?) IRCs (Audette MA)
- ANDORRA: R. Andorra, 6215, date only Mountain scene, with couple in folk costumes cd in 57d air, for 3 IRCs (VRANES PA), same cd in 17d air, for 1 IRC, cassette sent (Pineault QUE)
- AUSTRIA: ORF, 9770, f/d Artistic cd in 46d air, no rp (BLOM NY)
- BELGIUM: ORU, 6080, f/d logo cd in 35d air, no rp (Morrison NC), 21460, f/d Transmitter Modulator cd in 21d air for no rp (Dekeyser CA)
- BULGARIA: R. Sofia, 7115, date only Building of Party H. Q. in 52d air, no rp (Byron NY), 9700, f/d "Bachkovo Monastery" cd in (?)d, for no rp (Blom NY), 9705, f/d "View of Melnk" cd in 69d air, no rp (Garfield MA), same cd in 56d air, no rp (Cucura PA), same cd in 58d air, no rp also received DX Diploma and sked (Fraser MA), 15330, f/d "Kukery" cd in 57d sfc, no rp (Garfield MA)
- CZECHOSLOVAKIA: R. Prague, 7345, f/d "Konopiste Chateau" cd in 84d, no rp (Novak CA), f/d "Town of Preson" cd in 117d air, no rp (Debbie Mellinger NJ), f/d "Stare Mesto" cd in 58d air, no rp (Brodsky NY), f/d "St. Barbara Church" cd in 82d air, no rp, v/s J.M.L Celle (Curtis TN), f/d "Old Town" cd in 84d air (Fraser MA), 5930, f/d "Stare Mesta" cd in 78d air, for 2 IRCs (Oakley CA), 6055, f/d Drawing of Castle cd in 75d air, no rp (Smith FL), 9605, f/d Drawing of Castle cd in 86d air, no rp (Smith FL), f/d "St. Nicholas Cathedral" cd in 55d air (Miller Ca), 11855, f/d Drawing of Castle cd in 75d air, no rp (Smith FL), 11990, f/d "St. Barbara Church" cd in 119d air, no rp (Smith FL) 15110, f/d "City of Preson" cd in 140d air (Miller CA)
- DENMARK: R. Denmark, 15165, f/d "Radio Aerial Tower" cd in 32d, no rp, stated they hoped to have two 500KW transmitters in service by 1983 (Novak CA)
- FINLAND: R. Finland, 9565, no data "Textile Industry" cd in 37d air, no rp, v/s Hanmele OreTomics (Dubee CA), 15210, f/d "Winter in Finland" cd in 23d air, no rp (Koelble OH), f/d "Winter in Finland" cd in 23d air, for 2 IRCs (Chinakos WA), f/d "Winter in Finland" cd in 27d air no rp (Fallows ONT), 15265, f/d "Autumn in Finland" cd in 21d air, rp (?) (Witte CA)
- FRANCE: R. France International, 17850, 17860, 21580, 21595, 21620. F/d cds in 25-38d air for 1 IRC, 24-77d air for no rp, some with pennants, and stickers. Calendar (Lattemann WA), Notre Dame Illuminee (Smith FL) (Fraser MA) (Thompson CA), Hippodrome (Morrison NC) (Kasprzyk TX), Tour of Paris (Curtis TN), Couleurs et Lumiere De France (Willis PA)
- GERMANY (Democratic Rep.): RBI, 9730, f/d "Potsdam Agreement" cd and pennant in 47d air, no rp (Rzepka WI)

GERMANY(Federal Rep.): Bayerischer Rundfunk, 6085, date freq multicoloured design cd in 26d air, for 2 IRCs(Only SC) see below



- Deutsche Welle, 6100, date only Transmitting Site cd in 35d air, no rp(Byron NY), 11865, no data "Logo" cd in 46d air, no rp(Audette MA)
Sender Freies Berlin, 6190, date freq orange/blue/green map cd in 6 weeks air for 2 IRCs(Lobdell MA)
VOA Munich, 3980, Three Scenes cd in 6d sfc(Moore PA)
- GREECE: V. of Greece, 11730, f/d plain white cd in 34d air, no rp(Witte CA)
- HOLLAND: R. Nederland, 9590, f/d Dutch Scenes cd in 35d air, no rp(Smith MA), f/d "OM" cd in 14d air no rp(Noto CA)11740, f/d "Authentic Costumes" cd in 58d sfc, no rp (Koelble OH), 17695, f/d "Dutch Scenes" cd in 30d air, no rp(Smith FL),21640, f/d View of Amsterdam cd in 68d air, no rp, rpd in FF, received sticker(Pineault QUE)
- HUNGARY: R. Budapest, 6000, large annual 1978 membership cd of Cathedral in 37d air, no rp(Dekeyser CA), 11910, f/d Bridge cd in 62d, no rp(Blom NY), no data buildings sketch cd of R. Budapest shortwave club by sfc, no rp(Mellinger NJ)
- ITALY: RAI, 9575, f/d Castle cd in 71d sfc, no rp(Ewing IL), 15315, f/d "Vineenza Genito" cd in 180d sfc, no rp(Miller CA)
- MONACO: TWR, 7105, f/d map cd of all TWR sites in 30d air, for 1 IRC(Hagen IL), same cd in 16d, for 1 IRC(Kasprzyk TX), 9610, f/d map of Europe, and USSR cd in 28d air, for 1 IRC(Byron NY)
- NORWAY: R. Norway, 9550, f/d "Winter in Norway" cd in 54d, for 2 IRCs,v/s Erling Thokle (Chinakos WA), 17715, f/d "Winter in Norway" cd in 52d, no rp(Blom NY)
- POLAND: Polskie R., 7270, f/d Auto and Truck cd in 67d air, for ! IRC, also pennant (Coleman MA), 15120, f/d "Warsaw Royal Castle" cd in 36d air, no rp(Blom NY), f/d 3 runners cd in 56d air, no rp(Koelble OH), f/d "Warsaw Royal Castle" cd in 110d air, no rp, v/s Zdzislaw Frackiewicz(Oakley CA)
- PORTUGAL: R. Portugal, 6025, f/d "Caldas de Vizela" cd in 21d air(Moore PA),11935, f/d "Vista De Pedra Bela" cd in 27d air, for 1 IRC(Thompson NM), f/d Statue of Nicolas Cousinet cd in 24d air, no rp(Lattemann WA)
R. Trans Europe IBRA, 9670, f/d local Asian man cd and pennant in 90d air, for I IRC (Hoffman PA)
- ROMANIA: R. Bucharest, 9570,f/d "The Town of Sipiu" cd in 67d air, no rp(Worrel ND), 11840, f/d "Olimp-Seaside Resort" cd in 100d air, no rp(Forbes TX), 11940, same cd in 97d air, for 1 IRC, also received pennant(Hagen IL)
- SPAIN: R. Exterior de Espana, 6065, 9630, 11730, 11840, 11880. F/d cd in 26d air for 1 IRC, f/d cds in 21-64d air, no rp. Castle(Kasprzyk TX)(Audette MA)(Holmes CO)(Lattemann WA)(Miller CA), Storks Nesting(Koelble OH)(Thompson NM)(Byron NY)(Garfield MA), Alcazar de Segovia(Catalano NY), Mountains(Witte CA), Santa Maria(Stone ONT)(Garfield MA), Church Towers(Blom NY), Back of 2 Women(Morrison NC), Carteles Turistico(Sklarson SASK), Campanario del Nacional de Merida(Smith FL)

..The painful truth is that there is just one more pin in a new shirt than you counted on

SWEDEN: R. Sweden, 9695, f/d Map cd in 21d air, no rp, v/s Britta Thoren(Lattemann WA), 11705, f/d "Stamfinnea Borealis" cd in 57d air, no rp(Smith FL)

SWITZERLAND: SRI, 9530, 9535, 9560, 9725. Date only cd in 18d, for 1 IRC, date only cds in 50-57ds air, for no rp. View of Swiss city(Curtis TN), Alps(Smith FL), Rouges-Terres (Smith FL), Cosippo(Smith FL) v/s M. O. Chisholm

USSR: R. Kiev, 7210, f/d girl and boy in local dress cd in 32d air, no rp(George TX), 15100, f/d Theatre of opera and ballet cd in 50d air(Sklarson SASK)
R. Moscow, 7115 Ivanofrankovsk, 7160 Moscow, 7195 Simferopol, 7200 Moscow, 7260 Yuzhno Sakhalinsk, 7205, Moscow, 9700 Moscow, Riazan, Vinnitsa, 9795 TbiTisi, 11745 Minsk 15220 Riga, 15525 Moscow, 21615 Riga. F/d cds in 27-55ds air, no rp. Birch trees(Smith FL)(Lobdell MA)(Fallows ONT)(Garfield MA)(Moore PA)(Mellinger NJ), Modern Hi Rise(Smith FL), 1977 Aniv.(Mellinger NJ), Building and Church(Smith FL)Skyscraper(Dalum IN)(Yajko PA)(Fraser MA), Clock tower(Smith FL), Kallin Prospeck(Smith FL) Ed. note: list sites only if they appear on your QSL.

VATICAN CITY STATE: R. Vaticanna, 11845, f/d Chapel studio cd in 12d air, no rp(Koelble OH), 21485, same cd in 21d air, no rp(Smith FL)

YUGOSLAVIA: R. Beograd, 9620, f/d "Ohrid" cd in 81d air, no rp(Garfield MA), same cd 102 d air, for mint stamps-returned(Hensley TX)

Africa

ASCENSION ISLAND: BBC Atlantic Relay, 9580, no data Thames River cd in 43d sfc, for 1 IRC(Thomson NM)

CAMEROON (Republic): R. Bertoua, 4750, no data form letter in 241d air, for 1 IRC, rpd in FF (Pineault QUE), same in 211d reg sfc, for 1 IRC(Fowler ONT) v/s Jean Marie Etoundi
R. Garoua, 5010, f/d form letter in 61d air, for 2 IRCs(Dalum IN)
R. Yaounde, 4850, f/d letter in 110d sfc, for 2 IRCs, rpd in EE/FF, v/s I. L. Sha (Rzepka WI)

EGYPT: R. Cairo, 6230, f/d Drawing of town cd in 125d air, no rp(Cereghin MD), 9475, f/d Pyramids and Palms cd in 117d sfc, for 1 IRC(Ewing IL), same cd in 90d, no rp, v/s Rita(Novak CA)

GABON (Republic): Rdif. TV Gabonaise, 4777, date/freq new map folder cd in 103d air, for mint stamps, rpd in FF(Hoffman PA), same in 44d air, for 3 IRCs, rpd in EE/FF(Vranes PA), same in 58d air for 2 IRCs(Dalum IN), same in 30d air, for 1 IRC(Donahue CT)

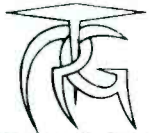
LA VOIX DE LA RENOVATION


R ADIODIFFUSION

T ELEVISION

G ABONAISE

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(République Gabonaise)
Tél. 73.27.84 - Téléc 5342 GO





GHANA: GBC, 6130, f/d, with wrong frq tricoloured border cd in 61d, no rp(Blom NY)

KENYA: V. of Kenya, 4915, f/d blue aerogramme in 26d, for mint stamps(Witte CA), 4934, same in 26d air, for IRCs(Howard CA). v/s Rashid Bakuli

LIBERIA: ELWA, 4770, f/d "Native Drummer cd in 31d sfc, for 1 IRC(Mellinger NJ)
VOA Relay, 6035, f/d "Four Seasons" cd in 11d sfc, no rp(Chinakos WA), 17855, same in 12d, no rp, v/s Kathy Burson(Smith FL)

MALAGASY (Dem. Rep.): R. Nederland Relay, 11730, f/d "Authentic Costumes" cd in 16d air, for 2 IRCs(Chinakos WA), same in 12d air, no rp(McWherter MD)

..Getting things done isn't necessarily the same as doing things..

MALAWI: MBC, 3380, f/d blue form ltr in 64d, for 2 IRCs, v/s C. R. Chibaka(Dalum IN), same in 45d air, no rp(Howard CA)
MOROCCO: VOA Relay, 15195, f/d "Four Scenes" cd in 12d sfc, no rp(Dalum IN), 15205, same cd in 10d sfc, no rp(Chinakos WA)
NIGERIA: V. of Nigeria, 7255, f/d green/white logo cd in 53d air, for 2 IRCs(Chinakos WA), 11770, same cd in 53d air, for 2 IRCs, v/s S. Colugo(Thompson NM)
SEYCHELLES: FEBA, no data map cd in 32d air, for 3 IRCs(Worrel ND) frq 15405
SIERRA LEONE: SLBS, 5980, f/d ltrs in 23-54ds, for 1-4 IRCs(Peters MAN)(Fisher MA)(Kamp CT)
SOUTH AFRICA: R. RSA, 9610, 9585, 11900, 15220. F/d cds in 16-27ds air and sfc, no rp. "Surf City"(Koelble OH)(Oakley CA)(Pettit IA)(Miller CA)(Noto CA)(Fallows ONT)(Holmes CO) Springbok R. 4810, 9710, f/d "Industrial Scenes" cds in 18-48ds air, no rp(Rzepka WI)(Blom NY)(Smith MA)(Fallows ONT)
TANZANIA: R. Tanzania, 15435, f/d "Sauti Ya Tanzania" cd in 161d sfc, no rp(Lorz NY)
TOGO: Radif. TV Togolaise, 5047, f/d map cd in 40d air, no rp, rpd in FF(Catalano NY)
UGANDA: UBC, 15325, f/d studio complex cd in 86d sfc, no rp(Pettit IA), same cd in 57d sfc, no rp, v/s C. A. Kizzakizito(Koelble OH), f/d form ltr. in 80d air, no rp(Sklarson SASK)

Asia

CHINA (People's Rep.): R. Peking, 9820, 11685, 15060, 15520. No data date/frq cds in 15-28ds air, no rp. Girl and Giraffe(Audette MA)(Fraser MA), Peking Square(Lattemann WA), Mountain Scene(Fallows ONT), Red Flag Canal(Sklarson SASK)
INDONESIA: V. of Indonesia, 11790, date/frq Temple cd in 36d air, for 2 IRC's, v/s Yon Maryono(Vranes PA)
IRAQ: R. Baghdad International, 9745, f/d map cd in 94d, for 2 IRCs(Boyd W. Germany), no data Christmas cd in 93d sfc, for IRCs(Hensley TX)
ISRAEL: IBA, 9435, 9815, 11655. F/d cds in 42-45ds air for 1 IRC, and no rp. Ancient Hebrew Map(Bowman GA), Tribes of Israel(Garfield MA)(Thompson NM)(Blom NY)(Miller CA)(Fraser MA)
JAPAN: R. Japan, 9505, 15105, 15195, 15270, 17880, 17825, 21640. Date/frq cds in 11-46d, no rp. "Fireworks" and "Doll" etc.(Lattemann WA)(Oakley CA)(Smith FL)(Thompson NM)(Stone ONT)(Koelble OH)(Kasprzyk TX)(Audette MA)(Smith MA)(Yajko PA)(Garfield MA)
JORDAN: HKBS, 9560, no data ltr in 18d air, no rp(Blom NY), ltr with frq in 56d air, 2 IRCs(Pineault QUE)f/d ltr in 35d sfc, for 4 IRCs(Peters MAN)
KOREA (Republic): R. Korea, f/d "Pagoda" cd in 23d air, for 1 IRC(Snyder NY)frq 9720, 9720, f/d Korean on Mt. Everest cd and pennant in 27d air, no rp(Drew TX)
KUWAIT: R. Kuwait, 12085, f/d folder cd in 209d air, for 1 IRC(Boyd W. Germany)
MALAYSIA: RMS Kuching, 4835, f/d "Broadcasting House" cd in 54d air, for 1 IRC(Koelble OH) RM Sarawak, 4950, f/d color photo of studio bldg cd in 29d air, mint stamps(Howarth WA)
PAKISTAN: R. Pakistan, 9465, "Clifton" cd in 52d air, for 2 IRCs(Thompson NM), 11677, no data greeting cd in 37d air, for 2 IRCs(Snyder NY), 21590, f/d ltr in 94d, no rp(Novak CA)
PHILIPPINES: FEBC, 15450, f/d people of many races cd in 21d air, for 2 IRCs(Snyder NY), 17810, f/d 30 years cd in 41d air, for 2 IRCs(Koelble OH), same cd in 40d air for 2 IRCs also pennant(Blom NY), same cd in 37d air, for 1 IRC(Hagen IL)
R. Veritas Asia, 15275, f/d cd and pennant in 33d air, no rp(Howard CA), 17710, f/d girls playing cd in 22d air, no rp, v/s Larissa P. Malinao(Miller CA)
SAUDI ARABIA: BSKSA, 11685, f/d white cd, and postal cds in 58d air, for 2 IRCs(Thompson NM)
SRI LANKA: VOA Relay, f/d "Four Seasons" cd in 8d sfc, no rp(Cucura PA)Frq 15185
TAIWAN: VOFC, 15345, f/d "Horses" cd in 42d air, also pennant and sticker(Moore PA), 17890, same cd in 19d air, no rp(Koelble OH)
TURKEY: V. of Turkey, 9515, 11955, 15135. F/d cds in 38-71ds for 1 IRC, no rp, by air. "Turkish Humor"(Fraser MA)(Audette MA)(Koelble OH)(Smith FL)"Cresant Moon"(Curtis TN)(Buhagiar ONT)"Spoonbill"(Novak CA)(Buhagiar ONT)
VIETNAM (Socialist Dem. Rep.): V. of Vietnam, 10040, f/d white cd with seal in 70d air for 1 IRC(Hagen IL), 12035, f/d white cd and calendar in 108d air, no rp(Oakley CA)

Oceania

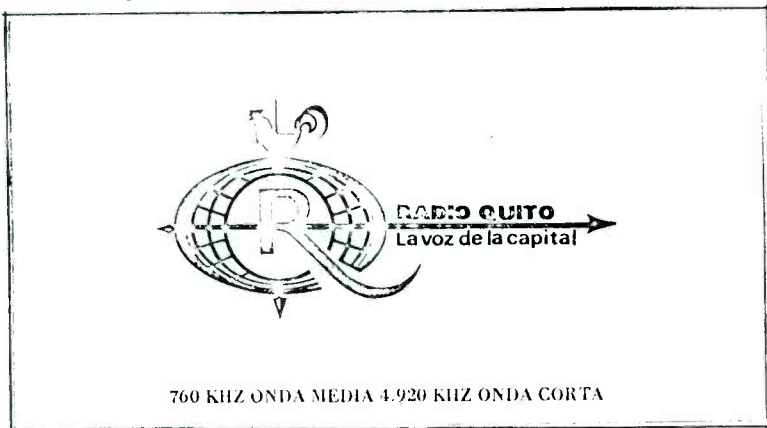
AUSTRALIA: ABC Perth, 9610, f/d map cd in 36 d air, no rp(Sklarson SASK)
R. Australia, 5995, 6080, 9580, 9590, 9670, 15320, 17795, 21740. F/d cds in 12-148ds for 1 IRC, 147d for 2 IRCs, 54-145ds, no rp. "Mallee Gum"(Meilinger NJ)(Miller CA)(Novak CA)(Oakley CA)(Curtis TN)(Yajko PA), Blue Wren"(Curtis TN)(Yajko PA)"Rose Cone"(Miller CA)(Thompson NM)(Chinakos WA)"Hobart"(Dubee CA)(Thompson NM)"Fring Lilly"(Piszczek NY)"Kangaroos"(Buhagiar ONT)"View of Melbourne"(Stone ONT)
GUAM: TWR KTWR, 17855, f/d drawing of Guam cd in 25d air, no rp(Holmes TX), f/d transmitter site cd in 21d air, no rp(Blom NY)

NEW CALEDONIA: R. Noumea, date/frq letter with outline of island in 43d air, for 1 IRC (Mellinger NJ) frq 7170, 7170, same letter in 21d air, for 1 IRC, rpd in FF(Blom NY)
NEW ZEALAND: R. New Zealand, 11945, f/d "Fishing" cd in 9d air, for 1 IRC(Noto CA), 15280, f/d "Soccer Game cd in 20d air, no rp(Witte CA), same cd in 25d air, no rp(Witte CA), f/d "Mountainand Lake"cd in 63d air, no rp(Peters KY)

South America

BRAZIL: R. Borborema, 5025, no data postcard of a fountain in 27d air, mint stamps, v/s Maízia Bernadette(Fowler ONT)
 R. Brasilia, 11780, f/d cd in 24d air, for mint stamps, v/s Reginaldo Azevedo(Kasprzyk TX)
 R. Guaiba, 5965, no data cd and sticker in 21d air, for 2 IRCs(Moore PA)
 R. Olinda, 3285, f/d ltr with station info in 31d air, no rp, v/s Padre Paula De Souza (Howard CA)
 R. Relogio Federal, 4905, no data ltr in 105d air, no rp, v/s Olindo Azerdo Continho (Lazarus LA)
COLOMBIA: R. Nacional, 15335, date/frq cd of Bucaramanga in 102d sfc, for mint stamps, rpd in SS, v/s Juan Cllmaco Arbelaez(Hoffman PA)
ECUADOR: Esc. Radiofonicas Populares, 3985, folder cd and pennant, date only, in 30d, for mint stamps, rpd in SS, v/s Padre Ruben Veloz(Lobdell MA)
 HCJB, 9635, 9715, 9745, 11745, 11915, 15295, 17865, 17890, 21480. F/d cds in 31-123ds air for 1-2 IRCs, 29-123ds for mint stamps, 26-60ds for no rp. "Agriculture in the Andes", "Jama Coaque Civilization", "Indian with Blow Gun", Olga Fisch Collection" etc.(Blom NY) (Audette MA)(Fowler ONT)(Fraser MA)(Kasprzyk TX)(Thompson NM)(Noto CA)(Smith FL)(Yajko PA)(Byron NY)(Smith MA)(Miller CA)(Stone ONT)
 R. Iris, Esmeraldas, 3380, SS ltr in 30d, for mint stamps, v/s Yolanda Caicedo(Lobdell MA)
 R. Quito, 4920, no data folder cd in 35d, for 1 IRC, SS rpt(Lobdell MA), no data logo cd in 112d sfc, for 1 IRC(Hagen IL)

Thanks to
 Steven Hagen



PERU: R. Atlantida, 4970, date/frq ltr in 95d air, for mint stamps, rpd in SS, v/s Azucena Díaz Lanatta(Dalum IN)



Tips and Topics

The Feature Section of SPEEDX

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

BOOK REVIEW

by Michael Chinakos

Book Review - Better Shortwave Reception by William I. Orr and Stuart D. Cowan, Radio Publications, Inc., \$4.95.

I picked up this book in a local amateur radio store and knew before I even opened it, it was a good book because of the authors. William I. Orr started out as a SWL in 1929 and Stuart D. Cowan built his first shortwave receiver in 1931! Between the two authors are 95 years of experience in shortwave radio!

Better Shortwave Reception is 160 pages long and was published in 1976 (4th edition). The book consists of ten chapters beginning with a chapter titled: Listen to the World, which includes information about the radio spectrum and what you can hear worldwide. There is an excellent chapter on how to buy a shortwave receiver and a check list for used receivers.

Chapter four, titled: Know your Receiver, is very well written and even a novice to the hobby should be able to glean enough information from it to understand the basics of shortwave receivers. That chapter is followed by an excellent chapter on how to align receivers for best sensitivity.

There are also several chapters on frequencies above 30 MHz for those interested in TV, FM, and VHF DXing.

Chapter 8 covers antennas and how to build them. This is probably one of the best explanations of antennas I've seen outside a book strictly written on antenna systems. Mr. Orr has written several other books on antennas and is, in my opinion, one of the most knowledgeable authors in that area.

I heartily recommend Better Shortwave Reception to all DXers whether novice or pro. On my scale of 1 to 10 I gave this book a 10.

THE ULTIMATE HAM - DX SWL SHACK

by James W. Young

To the beginning SWLer, even a small portable with a whip antenna affords he or she with a new and exciting hobby venture. There are few of us that have not imagined the BBC Monitoring stations with their exotic receivers and massive antenna farms. Sitting at a big console with all that "power" at ones finger tips means nearly arm-chair copy of the Falkland islands, or whatever dream you might have. But, alas, our dream fades back to that portable and whip. So where does one go from here, we ask? Patience, time and yes, some money always helps. To me, if you ask, I will tell each one the same thing; PATIENCE! If your interests are solid, if you are willing to work towards a goal, if you want the ultimate, then take the necessary time; 5 years, 10 years, 20 years, or whatever!

My radio interest started in 1949 listening to AM stations from my boyhood home in Portland, Oregon. WOW! I heard Chicago, Los Angeles, Dallas, New Orleans. In 1955 after a move to Seattle, my father bought me my first real radio, a Hammerlund HQ-100AC (Still impressively sitting next to me this very moment). I had become a "ham", WN7FTT. I talked to 23 states in 6 months with a kit transmitter and the HQ-100 resting on a door

between two saw-horses in the cold basement. I had my ultimate shack then! Between ham contacts I heard Sweden, Japan, Moscow, HCJB, on the SWBC bands, even had the QSL's by the time my father had fixed up and remodeled our house. I had my own room, and he even built me a desk with a glass top. So after my license expired, I kept up on SWling. The WRTVA found its way to my warmer and neater shack in 1960.

I took some time off to go to college and then the US Army, returned to my next residence in Port Angeles, Washington. Then on to the Seattle World's Fair in 1962, back to Seattle with trusty radio, 3 x 5 card files, and OO or so QSL's. I still had that glass top desk, and seldom was the glass cold on weekends as I sat up all night doing my thing. I was then at a friends house, boarding while working at the Fair.

The call to come to California in October, 1962 saw me leave Seattle with my 1954 Chev convertible towing a small covered U-haul trailer. Three days later I pulled into Wrightwood, stepped out of the car smelling the fresh pine scented air and took a few pictures. One of those pictures shows the chimney of the very house I was to buy three months later, the same chimney that is 10 feet from me at this very moment. That was some 17 years ago.

When I found this small house of 850 square feet with an upstairs shell for an attic, I never dreamed of the final results that are now a reality. The house was in the open, away from the tree, in the center of a shallow valley. I did not buy it because of the great location for antennas, etc., but because the price was low and affordable! I soon set up my shack in the little single bedroom, and strung a 20 meter folded dipole that just fit between the chimney on the east and a four foot pool above the roofline on the west. That was 1963.

By 1965 I was upstairs in the attic, away from the bedroom that was too small for my bride, myself, a new dresser and bed. I had added two more 20 meter folded dipoles, so that by the new knife switching arrangement I had, I could select N-S, E-W, or SW-NE orientations. I also had built a kit preselector out of Popular Electronics. I was in my ultimate shack!

In 1967 I bought through Allied Radio, a big brand new dream receiver; a Hammarlund HQ-180A. I joined several clubs, began SWling in seriousness, wrote reports and finally got the 100th SWBC QSL country. My desk was so very small, or was it that I had too much on it? I pulled the desk 12" away from the corner wall both forward and to the side, built up leaves, as you might call them, built an antenna tuner, and added a 100 kHz calibrator. I began to DX the lower frequencies, picking up African regions I never thought possible. I joined more clubs. I became very interested in SWling the ham bands, and soon had over 300 countries confirmed. My file cabinets were too small, or was it that I had too many 3 x 5 cards to put in them? Not only that, but a working companion at the Observatory was a ham, he recently moved to Wrightwood, cleaned out his garage, and gave me cabinets and radio parts till they nearly rolled down the ~~step~~ stairway, just outside my room.

In 1971 I became a ham again, WN6FNI, but this time I kept my ticket and soon became a general class with WB6FNI my present call. Another ham in town was forced to move and sold his Viking II transmitter for next to nothing. It was (and is) bigger and heavier than the Hammarlund HQ-180A. Now where was that going? I added a filing cabinet, another leaf to the desk, and a parts cabinet on the far side. My original desk was now twice its original size! It was at this stage I began to dream of the exotic or as I put it, the ULTIMATE shack. I cut a part of the desk out, set the HQ-180A at an inclined angle, put extra legs on the front of the other equipment, and the shack looked a little more impressive, and useful I might add. But it was still too small. I had designed a PCB antenna tuner nearly half the size of the receivers and also purchased a ham band tuner of similar size. My equipment was stacked two and three high against my attic slanted roofline. It was staggering, but absolutely absurd at the sight of the two miles of wire I must have had behind everything. My shack was now a cramped small closet. What was I to do?

In the summer of 1977 it was remodel time. We added nearly 1000 square feet of living space in which I as the designer of the remodeled plans, had so generously provided for the ULTIMATE shack. Needless to say, I sit here typing this story at the desk that is 8 feet long and 6 feet wide with a cut out center and wrap-around 200 degrees of console space. The desk is 1½ inches thick, supported by two legs near the center, with additional support from the old desk my father built, or at least the drawer section from that desk; the very end section of the desk supported by a business size low-boy file cabinet. I have added a LF military receiver, a seven digit frequency marker/generator, another (yes!) HQ-180A, and an SX-190. There are four speakers, three

preselectors, a cassette recorder, a reel-to-reel recorder, new calibrator, audio jacks for diversity reception, and separate controls for all types of recording from any receiver. A "T-R" switch, as I still have a bit, 5 antenna switches, ECU loop hanger, and an audio filter rounds out the shack. All my line voltages are monitored and set by a massive 30 amp autotransformer. I even added several more antennas, one which is a 235 foot inverted vee up 70 feet at the apex. This is the best overall antenna, especially for the VLF, ECU, and the tropical bands, as well as the 160 meter ham band.

The ultimate shack here in Wrightwood took years to acquire, and years of patience. Less than a month ago my own son listened to four different SWBC stations, sent for QSL's and got the bug. "Boy, would I like to have a receiver of my own," was his remark. Oh, and for your curious ones, NO I have not yet logged the Falkland Islands, nor Tristan da Cunha, but who knows!

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IF YOU WANT TO HELP - WHO DO YOU CALL

by James A. Boehm, Jr.

What would you do if, while tuning across marine or aviation frequencies, you heard a message indicating a ship or plane was in distress requesting immediate assistance and it was obvious the proper authorities were not hearing the message in order to respond to the call? Or, maybe you intercept some traffic indicating a smuggling operation!

U.S. Coast Guard Districts
The following telephone numbers reach United States Coast Guard District Operations Centers and are manned 24 hours a day

- First District
Boston, MA 617-293-3644
- Second District
St. Louis, MO 314-425-4614
- Third District
New York, NY 212-264-4800
- Fifth District
Portsmouth, VA 804-398-6231
- Seventh District
Miami, FL 305-350-5611
- Eighth District
New Orleans, LA 504-589-6225
- Ninth District
Cleveland, OH 216-522-3944
- Eleventh District
Long Beach, CA 213-590-2225
- Twelfth District
San Francisco, CA 415-556-5500
- Thirteenth District
Seattle, WA 206-442-5886
- Fourteenth District
Honolulu, HI 808-546-7340
- Seventeenth District
Juneau, AK 907-586-7340
- U.S. Coast Guard Headquarters
Washington, DC 202-436-1830

I asked myself this question, particularly after reading about such incidents in the press which, in most cases, attribute help or assistance to "ham operators." I suspect the term "ham operators" is a general catch-all phrase covering not only hams but SWL's or CB'ers.

In a recent issue of QST, an article by Ensign Paul Breckenridge, USCG, suggests one solution. He describes an incident in which unusual traffic on 7210 kHz, involving a rendezvous of three vessels in the Turks and Caicos Islands, was intercepted by an amateur radio operator and reported to the US Coast Guard. This action was credited with the eventual removal of one of the vessels from the narcotics trade. Another example praised assistance by amateur radio operators in the search and rescue operations involving the 31 foot sloop KLUKANE.

An active SWL or DXer will spend more time actually tuning a receiver across the bands than will an active amateur radio operator. The latter loses "listening" time while in the act of transmitting. Also, the fact that the ham's equipment will often tune only the amateur radio frequency bands, restricts where he can listen. The probability of intercepting this type traffic should, therefore, be greater for the SWL than for the ham.

Where does one contact the US Coast Guard? The following list of telephone numbers, taken from Ensign Breckenridge's article answers that question.

Ensign Breckenridge concludes his article by saying: "The Coast Guard welcomes any information amateurs may provide to help them protect those who use the sea for pleasure and trade, and prevent the use of oceans by smugglers, hijackers, thieves and other criminals."

Surely this statement extends to pertinent information supplied by members of our hobby.

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SRI LANKA: HOME OF TWR'S NEW 400 KW MEDIUM WAVE STATION. . . After two years of construction, on June 7, 1978, Trans World Radio's Sri Lanka station began its test broadcasts. The initial programming included music and announcements identifying the

station and asking listeners to write to TWR's India office reporting reception. But on June 15, two guy wires supporting one of the antenna towers melted as a result of a technical problem. The prevailing winds then caused the tower to violently twist, cracking the base insulator - an eight -inch diameter cylinder that the 30 ton tower rests upon - and shutting down transmissions. The solution to the problem of the melting guy wires was replacing them with shorter lengths of non-metallic cable. So, while the base insulator was being replaced, the guy wire problem was solved permanently. Trans World Radio, Sri Lanka went back on the air August 8th. (This info is from TWR via C.T. Hellinger and Bob Zilmer)

BURMA

by Adrian M. Peterson

On several occasions I have had the opportunity of visiting the various tourist areas in the fascinating country of Burma. I have been to Rangoon, the capital city, and seen the Shwe Dagon, the Golden Pagoda; and the dead Buddhist monk lying in state, awaiting resurrection. I have seen Mandalay on the "Radio to Mandalay", with its ancient palace and hill top pagoda. I have seen city, town, village and countryside, and the people in their work and worship and play, and earlier this year I travelled by boat to the delta areas. Burma is indeed a fascinating and different country.

Back in the early days of wireless, the first radio station was projected for Rangoon in Burma to be operated by the "Radio Club of Burma". This station did finally come onto the air in 1926, with 40 watts on 450 meters (667 kHz). It operated under the call sign 2 HZ, in line with the callsigns of other radio stations used in British India at the time. In 1930 this callsign was amended to VUR, indicating India Rangoon.

This radio station in Rangoon left the air in the early 1930's, at the same time as many other private stations throughout India.

In the late 1930's, two small transmitters were installed in Rangoon. These both operated on SW under the callsigns XYZ and XZZ. These two transmitters rated at 1½ kw and 1 kw, broadcast on SW for a limited number of hours per week until World War II overtook their country. During the war, this station was used by the Japanese, and two SW transmitters of 7½ kw and a MW outlet of 5 kw were added. At the end of the war, the station was used by the South East Asia Command, SEAC, for a few months, and then it was handed back to the Burmese authorities.

Regular programs in Burmese and English were carried on MW and SW using outlets in all standard SW bands over a period of time. For a while the station operated as Radio Rangoon, but the pre-war callsign XYZ was again brought back into use.

For a while during the year 1951, there was a regional station of 1 kw operating on SW in Mandalay. This was probably the old 1 kw transmitter XZZ from Rangoon re-established in Mandalay, where it operated as "Radio Mandalay". The channels used for its 3¼ hour daily program in English and Burmese languages were all out-of-band, but close to 41 meters. This station was on the air for only a few months, probably because the transmitter was too old and unreliable.

The first broadcasts from a new 50 kw transmitter in Rangoon operating in the 13 meter band, were noted in September 1958. Subsequently two additional 50 kw transmitters were installed for use on SW, and one for use on MW. At this stage, the XZK series of calls was adopted.

Four FM channels of 250 watts each were established in 1958. These were listed in the RTVIH, as operating on 100, 102, 104 and 106 MHz. However, during my visits into Burma, I have heard FM carriers, with no programs, on only 92 and 97 MHz. The FM service is intended to relay programs from the studios on the main highway to the airport, to the transmitter base on the edge of Rangoon.

The 5 kw MW outlet, XZK8 on 1150 kHz was dropped from regular service in 1971, leaving just one MW channel, 50 kw on 955 kHz.

Toward the end of World War II there were three MW stations established by AFRTS. These stations operated without callsign for approximately one year. They were as follows:

Nyitkyina	300 w	1110	AUG 44 - Nov. 45
Bhano	1 kw	1320	Nov 44 - Sept 45

Currently the Burma Broadcasting Service carries the Home Service on two, or at times, three, outlets in parallel. The station is on the air daily from 0030 to 1600 GMT. This is broadcast continuously on MW 955 kHz, and on SW the service is switched from band to band according to propagation requirements. The outlet on 4725 kHz is intended for up country listeners.

English news is heard from BBS Rangoon at 0200, 0700 and 1445 GMT.

Rangoon	2HZ	VUR	MW	667 kHz	40 kw	1926
	XYZ		SW		1½ kw	1938
	XZZ		SW		1 kw	1938
	NYZ		SW		7½ kw	1942
	NYZ		SW		7½ kw	1942
	XYZ	XZK2	MW	1150 kHz	5 kw	1942
	XZK		MW	955 kHz	50 kHz	1958
	XZK2		SW		50 kw	1958
	XZK3		SW		50 kw	1958
	XZK4		SW		50 kw	1958
			FM	4 @	250 kw	1958
Mandalay			SW		1 kw	1951
Shingbytwang	AFRTS		MW	1390 kHz	250 w	1944
Nyitkyina	AFRTS		MW	1110 kHz	300 w	1944
Bhano	AFRTS		MW	1320	1 kw	1944

VL3RT - AUSTRALIA. . . VL3RT now operates on a frequency of 5250 kHz, amplitude modulated with a power of 200 watts. The transmitter is ex Royal Australian Airforce, type AT14 and approximately 30 years old.

The history of VL3RT goes back approximately 25 years. The service was introduced to provide students and teachers in small country towns in the State of Victoria with additional help in special subjects, eg: languages. The lectures being prepared by a special branch of the Education Department of Victoria.

Hours of broadcasting were from 10:00 AM to 3:30 PM local time daily. Each lecture was of approximately 15 minutes duration and was done "live". A tape was made of the live recording and this was replayed immediately after the live performance. This was done because of the difficult reception conditions in some areas. About 12 months ago, it was decided to discontinue the broadcasts in favour of cassette tapes which are mailed to the schools.

At the present time VL3RT is used only on an irregular basis. (This information is from John Garry of the ROYAL MELBOURNE INSTITUTE OF TECHNOLOGY via Mike Hardester.)

EVALUATION BOO-BOO. . . by Larry Brookwell. . . I am very much ashamed that I made a bad mistake in my evaluation of the Sanyo RP-8880 in the February issue of SPEEDX. I discovered by accident that the poor sensitivity, and my consequent recommendation for the use of an amplified preselector, was caused by a factory defect in the receiver tested. Last Sunday night, wishing to listen to the Otay repeater net on the 2 meter band, I fired up my 2/6/10 meter converter, which feeds a VIF signal to the antenna circuit of a SW receiver tuned to 7000 kHz. For convenience I clipped the converter output to the whip antenna of the RP-8880. Later on, after the net program, I worked some SW on the Sanyo. I was amazed to find the weak sensitivity (reported in my evaluation) was no longer a problem. Checking it out I discovered that I had failed to disconnect the converter lead from the whip on the Sanyo. Further checking revealed that the exterior antenna blinding post on the 8880, to which my outside antenna was connected, was improperly wired inside the receiver. The little things coming down from my antenna weren't going anywhere, and the increased sensitivity was caused by the whip connection left connected to the converter (which has its own antenna). A quick switch of my antenna lead from the blinding post to the whip proved my complaint of poor sensitivity to be incorrect. I hope my error hasn't caused the Sanyo people to lose too many sales. It was their boo-boo, but I still feel like a fool, and I apologize.

When it comes to doing for OTHERS - SOME PEOPLE STOP AT NOTHING! Quito - Ecuador

CLEVER PIRATE TAKES TO AIRWAVES. . . . The foul mouthed antics of a pirate broadcaster who has emerged on AM radio late at night has prompted the Federal Communications Commission to begin a search for the mysterious succancer. The pirate broadcaster's show has been heard at 1000 kHz on the AM dial by listeners in New Jersey and New York for the past three weeks.

The pirate, as unlicensed broadcast stations are called spins discs and carries on a one man talk show spiced with obscenity, officials said. "He's clever, very clever," said Joe Ransbach, an FCC investigator assigned to track down the bogus broadcaster. "He thinks he's actually misleading us by broadcasting at night when he thinks the FCC is not working."

The pirate plays at night because other stations have signed off, and his unsophisticated equipment faces less competition for airspace, the official said. Radio signals travel farther at night forcing the FCC to search a wider area for the transmitter. Ransbach said the FCC has received complaints that the pirate broadcaster was using vulgar language during his commentary between records. If apprehended, the secret disc jockey could face a year in jail and a \$10,000 fine for violating the Communications Act of 1934, which makes it illegal to broadcast without an FCC license. Additional penalties could be levied for broadcasting obscenities.

"We rarely prosecute in this type of case, however," said Wayne McKee, an FCC investigator in Washington DC. "Usually the pirate is a teenager, and a warning usually does the trick. We try to direct them into amateur radio clubs." "It's easy for anyone with some electronics knowledge to get a transmitter from say, an Army surplus store, and simply retune the circuits to accommodate AM frequencies," McKee said. (From Morris County Sunday Record, February 25, 1979 via C.T. Kellinger)

CHHX. . . CHHX Radio and CHHX Shortwave began simultaneous broadcasting in 1931 in Halifax and has remained in Halifax since its inception. CHHX currently operates at 10,00 watts, day and night continuously, and at 500 watts on shortwave on the 49 meter band at 6130 kHz.

CHHS originated in the early 30's, the first round the world shortwave broadcast, when broadcast pioneer J. Frank Ellis, carried out the first radio remote broadcast covering the Moose River Disaster. This broadcast was relayed around the world to members of the British Commonwealth and many other foreign nations.

The primary coverage area of CHHS is within the Province of Nova Scotia, Canada, although the night pattern provides excellent coverage to Prince Edward Island, Newfoundland, and Labrador. CHHS receives an average of 25 letters a week from Scandinavian countries, Britain, Australia, New Zealand and the United States, where their shortwave reception is reported. (Via R. Macris.)

Tidbits

Craig Kellinger also sends word from the New Jersey Board of Education that currently several secondary schools are using shortwave for language study. A receiver is attached to a teletype machine and the students read off various newscasts and special programs from the machine in several foreign languages. The project's coordinator feels that a student will learn a foreign language easier if what he reads is relevant and interesting. In addition, the project also introduces students to the fascinating hobby of shortwave radio.

A history of Vatican Radio (Radiovaticana) may be obtained free by writing to Radio Vaticana, 00120 Cite Du Vatican, Rome, Italy. This is an interesting history for those who wish to know more about Vatican Radio. Replies are within 30 days. (via Marjorie Witte)

The Friendly DX Club of Finland, "FDXCI" was founded in 1967 and takes care of members outside of Finland. They have members in 20 countries. They publish a DX magazine 10 times per year, called "Sunspot." The magazine contains loggings and QSL's. Most of this magazine is written in Finnish, but news from Finland says, "We are preparing an English Glossary." There are also English columns in this magazine. US cost airmail is \$18.50/74 IRC's. Write to: The Friendly DX Club, P.O. Box 214, S.F. 00101, Helsinki 10, Finland. They will send a form and particulars. (Via Marjorie Witte)

Do not forget to send DX program information to Alfred E. Rosinski, One Fairview Ave, Bedford, MA 01730. Also, let me wish everyone a very pleasant Easter or Passover.



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