

THE OFFICIAL DX MAGAZINE PUBLISHED MONTHLY BY SPEEDX

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PUBLISHER	<i>Tom Kephart</i>	MANAGING	<i>Atak Drollinger</i>
	<i>Post Office Box 2041</i>	EDITOR	<i>9529 West Sarasota Place</i>
	<i>Mt. Pleasant, MI 48858-6041</i>		<i>Milwaukee, WI 53222-1560</i>
BUSINESS MANAGER	<i>Jack Sanderson</i>	PROJECTS	<i>Kraig Krist</i>
	<i>7738 East Hampton Street</i>	COORDINATOR	<i>6200 Wilson Blvd., #1019</i>
	<i>Tucson, AZ 85715-4212</i>		<i>Falls Church, VA 22044</i>
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	<i>Palatine, IL 60067-4132</i>		<i>Jackson, MS 39206</i>
PUBLICITY CHAIRMAN	<i>David Sharp</i>	SPEEDXGRAM	<i>Bruce MacGibbon</i>
	<i>17602 Meadowbridge</i>	EDITOR AND	<i>2295 N.E. Juniper Avenue</i>
	<i>Lutz, FL 33549-5576</i>	PUBLISHER	<i>Gresham, OR 97030</i>
CENTRAL DISTRIBUTION	<i>Peggy Thompson</i>		
EDITOR	<i>2706 Alabama Street</i>		
	<i>La Crescenta, CA 91214-2925</i>		

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FOR SALE: ICOM R-70 receiver in excellent condition with manual, spare fuses, and original carton, \$400 includes shipping and insurance. David M. Wurl, 908 West 14th Street, Marshfield, WI 54449. Phone (715) 387-3947 noon-1 pm daily or anytime weekends.

FOR SALE: SPEEDX back issues (April 1983-December 1985), 50c an issue or \$5.00 for 12 issues. WRTM 82,83,84,85 \$4.00 each. Prices are postpaid in US and APO/FPO only. Michael W. Scheel, RR#1, Box 221, Walcott, IA 52773.

FOR SALE: YAESU FRG-7000 communications receiver, Radio West-installed Collins SSB filter, vernier fine tuning, like new condition, manual, original carton, \$259 shipped UPS within continental USA. Ralph D. Stern, P.O. Box 1295, El Granada, CA 94018. Phone (415) 728-5204 evenings and weekends.

FOR SALE: Kenwood R-1000 general coverage receiver in excellent condition, modified by Radio West, contains 4 KHz ceramic, 2.9 & 1.9 KHz Collins mechanical filters, slow-med-fast AGC, DC power jack, SP-100 external speaker, owner's manual, \$450 or best offer. Victor Barz, Rm. 3208 Cross-Baits II, Ann Arbor, MI 48109. Phone (313)763-2848 between 1200-1500 or 0000-0500 UTC. Phone (616) 965-4529 from 21 February to 1 March.

WANTED: The last two hours of the recent Dging talk show from KABC Los Angeles ("Ray Briem Show"), and the complete six-part Sci-Fi radio drama, "Space Force", as broadcast by the BBC in late December. I am willing to pay for or provide tapes and postage, write before sending tapes. Al Quaglieri, Box 888, Albany, NY 12201-0888.

FOR SALE: Hitachi AM/FM/TV band radio, has weather band, unused with box, \$25. GE mini-cassette recorder, brand new condition with manual and box, \$25. Lori Klosowski, 2303 Bahia Vista, Sarasota, FL 33579.

FOR SALE: Asia/Oceania Frequency Bandscan: A listing of all SWBC stations reported to the A/D column from September 1985-January 1986, compiled in frequency order (2340-21605 KHz). Info includes frequency, country, station name, time heard (GMT), and language used. Cost is \$1.50 (or \$1.00 and a business-sized SASE with 44c postage), \$2.00 for overseas members. Bob Thunberg, 409 Burt Street, DuBois, PA 15801.

#### BACK ISSUES OF SPEEDX AVAILABLE

SPEEDX Headquarters has a limited supply of back issues of *SPEEDX*. The list of available issues is below. Each back issue costs \$2.00 (\$1.50 to Full Members) or 7 IRCs in North America. Airmail to the rest of the world is \$3.00 or 10 IRCs. Special rates available for 10 or more copies, \$1.25 (\$1.00 to Full Members) or 4 IRCs to North America, overseas please write for details. Orders of more than 10 copies are sent Book Rate only. Please order back issues from the Tucson, Arizona address above.

*These months of SPEEDX magazine are available: (limited supplies)*

1971 (Volume 1)	: Sep, Oct, Nov
1972 (Volume 2)	: Jan, Feb, Mar, Apr, May, Jun, Aug, Sep, Oct, Nov
1975 (Volume 5)	: Dec
1976 (Volume 6)	: Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov
1977 (Volume 7)	: Jan, Feb, Mar, Apr, May, Jul, Aug, Sep, Dec
1978 (Volume 8)	: Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov
1981 (Volume 11)	: Apr, May, Jun, Jul, Aug, Sep, Nov, Dec
1982 (Volume 12)	: all issues available
1983 (Volume 13)	: all issues available
1984 (Volume 14)	: all issues available
1985 (Volume 15)	: all issues available

1 HARTUNG, JAMES	MD R7/DR7	6 THIM, WILLIAM	CT ICF2010
4 HAWK, MICHAEL	VA ICF6800W	5 THOMPSON, PEGGY	CA FR87
5 HESCH, RUTH	NY R1000	1 THUNBERG, BOB	PA R1000
1 HEVERN, VINCENT	NY IC-R70	1 TOW, JOHN	AL
1 HOLBROOK, HANK	MD HQ129	2 TRENT, JOHN	AK RF2900
7 HOSMER, DONALD	MI IC-R71A	1 TROTTO, RON	FL CR2021
1 HUFFAKER, CARL	MX HOMEBREW	3 VALENTINE, F.A.	CA IC-R70
4 HUNT, BILLY	NC NR0515	1 VERCELLINO, JOHN	IL MAJESTIC
3 JONES, BRIAN	TX IC-R70	1 WEBER, DONALD	OH R2000
1 JONES, DAVID	VA 5-1B1	2 WEIKEL, FRANK	MI S-38E
1 KANOPKA, LEON	NY	5 WELCH, FRANK	MA ICF6800W
1 KAPINOS, JOHN	MA R2000	5 WESTENHAVER, WILLIAM	QU
4 KEENAN, DAVID	CA IC-R71A	2 WEYRICH, CARROLL	MD RF4900
1 KENNEY, DENNIS	MA	3 WHITE, DARREN	MS R1000
1 KERRIGAN, PATRICK	IL R1000	5 WHITE, FRED	FL NR0515
4 KLOPFENSTEIN, DAVID	OR NRC60	1 WILLIAMS, JOHN	FL IC-R71A
1 KLOSOWSKI, LORI	FL CR2021	4 WITTE, MARJORIE	CA FR87
2 KNIGHT, ROBERT	WA DX400	3 WOERING, HAROLD	MA R1000
1 KRIST, KRAIG	VA FR87700	1 YAJKO, ROBERT	PA
1 KUBALA, ED	NY RFB600	2 YEAGER, CARL	PA
1 KUBALIK, TIM	AB FR87000	1 ZIEGLER, EDWARD	ME R2000
6 LEHMAN, DIANN	MA R2000	2 ZILMER, ROBERT	NM R1000
1 LEITE, STEVE	MA IC-R71A	2 ZIRKELBACH, BOB	CA R1000

Howdy Contributors...haven't said anything in a while so it's about time! To begin with, thanks to all of you who have so faithfully contributed to SPEEDX over the last few years. It is because of all of you that we are so successful. Keep up the good work.

Next, I'd like to publically thank the SPEEDX BOD for choosing me as SPEEDXer of the YEAR for 1985. It was indeed a shock to receive the January issue with my picture on it. Thought maybe I'd died or something - hi! And, thanks to Tom Kephart for the fine review of my time with SPEEDX. It sure hasn't seemed that long...but then again...

Finally, I hope that all of you will support the current BOD as much as you have supported former BODs. In my opinion, we currently have the finest board, what with Jack Sanderson, Tom Kephart, Rick Drollinger, Peggy Thompson and David Sharp at the helm, we can't go anywhere but up! SPEEDX is getting better every day, and with your help, it will remain so.

Even though I'm no longer on the BOD, by choice [I needed the rest - geeze - hi!] I will continue to be actively involved with SPEEDX either through this column or other jobs. Thank you all for your kind words this past month, and here's to an even better 1986!

73   
John

# SPEEDX

ads

TOM KEPHART, Ads Editor  
Post Office Box 2041  
Mount Pleasant, MI 48858-6041

Ads are run for one month only on a first-received, first-printed basis. This service is for the use of SPEEDX members only; no dealers or retailers please. Please NO COLLECT CALLS to advertisers who list phone numbers, unless indicated otherwise in the ad. SPEEDX claims no responsibility for the claims made by advertisers, or for the condition of merchandise purchased from advertisers.

FOR SALE: Realistic DX-300 with manual, fine condition, \$250 or best offer. Also scanner crystals for Regency or Realistic scanners, won't work for Bearcat, \$1.00 apiece. SASE for list of frequencies available. Daniel J. Sampson, Route 1 Box 36, Black River Falls, WI 54615. Phone (715) 284-4243.

WANTED: 1981 issue of WRTM complete, no extractions. Write and quote. George C. Schrammel, 3009 West Lakefield Drive, #3, Milwaukee, WI 53215.

WANTED: A copy of the ELWA story "A Voice Under Every Palm" and a cassette copy of the DX Party Line program broadcast on Christmas Day 1985. Ed Soomre, 1 Alcott Drive, Northboro, MA, 01532. Phone (617) 393-6052.

# CONTRIBUTORS LIST\*

FEBRUARY 1986

EDITED BY: JOHN TRAUTSCHOLD & THE ALTAIR 8800 COMPUTER  
354 N. WINSTON DRIVE, PALATINE, IL 60067 U.S.A.

TOTAL CONTRIBUTORS: 170

5	ABBINANTE, PHIL	IL IC-R71A	4	LEMKE, RICHARD	AB IC-R71A
3	ADAMS, ROBERT	MA R2000	1	LEONARD, MICHAEL	ME ICF2002
1	ADDISON, JOE	KS R600	5	LEVISON, HAROLD	PA IC-R70
1	AGNER, MIKE	PA	1	LENKOWICZ, ABE	MA DX302
1	AKED, ROBER	FR NR0515	4	LUXON, CHIP	IL
1	ALEXANDER, DUKE	TX	1	MACGIBBON, BRUCE	OR R1000
4	ALEXANDER, HARRY	NJ	1	MACRIE, VIRGINIA	NJ R2000
1	ALEXANDER, RODNEY	IA IC-R70	1	MAHONEY, MICHAEL	FL 8PR4
1	ARNOLD, ALBERT	VA	2	MANDERSCHIED, MIKE	CA ICF6700W
3	ATKINS, GUY	WA IC-R70	1	MARGOLIS, ROBERT	IL
1	BEAUDOIN, ROBERT	CT R2000	2	MARSHALL, RONALD	AZ
1	BEAVER, WILLIAM	IN FR07700	1	MARTINS, PIETER	SA R2000
1	BELGHAUS, FRED	NJ IC-R71A	1	MENDEZ, LUIS	NJ R1000
5	BERRI, JASON	CA RF2900	1	MERRIFIELD, FRANCIS	??
4	BINGHAM, FRANK	MA R7000	4	MILLEV, WILLIAM	CA DX400
5	BISHOP, FORREST	NY RF4000	1	MOLL, SUSAN	MI FR07700
3	BLAIR, ARTHUR	CA R1000	1	MORRAIS, RON	??
1	BODENHAGEN, FRED	FG SAT 3400	1	MORIN, KATHY	ON RF3100
2	BOEHNKE, CHARLES	HI	1	MUZYKA, WILLIAM	NY RF4900
2	BOWDEN, RALPH	CA FR07700	2	MCCANTS, DON	AL ICF2001
5	BREWER, DON	AR R1000	4	NEFF, GEORGE	OH ICF4000
5	BROWN, EDWARD	IL RF2200	4	NEUVERTH, MICHAEL	CO DX400
1	BYRON, LESLIE	PA PATROL 9	2	NIKOLICH, MIKE	IL
5	CADRETTE, NORMAN	MA IC-R70	3	NORCROSS, DAVID	CA R300
3	CEREGHIN, JOHN	MD DX400	1	O'CONNOR, PATRICK	NH FR07
1	CHICKERELL, LARRY	WV DX400	5	ORR, TONY	FL R600
1	CHANSKY, MARK	NY ICF5900W	5	PALMER, ROBERT	WA IC-R71A
3	CIRONE, JOSEPH	NJ IC-R70	1	PETERSON, ADRIAN	II
3	CLAYTOR, DAVID	MI R1000	1	PIKE, ARTHUR	NM ICF6800W
6	CODAY, RICHARD	CA DX66	3	PRATH, JOHN	FL IC-R71A
4	COLEMAN, ROBERT	MA FR07	5	QUAGLIERI, AL	NY EC958/3
1	CONWAY, PETER	UK 51J-4	1	RADTKE, CARL	CA 8PR4
2	COUTERMARSH, JIM	VT DX300	1	REINSTEIN, STEVE	FL
3	D'ANGELO, RICHARD	PA NC190	6	ROBERTS, KEN	FL R2000
5	DALY, TOM	NY NR0515	2	ROBINSON, BETSY	TN FR07700
1	DAVIDSON, KEVIN	??	5	ROCKER, RAYMOND	MS FT757GX
2	DEMMITT, JOHN	PA HOMEBREW	2	ROMANIN, GIORGIO	IT
1	DEXTER, GERRY	WI	3	ROSS, ROBERT	ON TS4308
5	DICKERMAN, WILLIAM	PA DX400	1	ROTHENBOUGH, IRA	MO
7	DILLON, PETER	MD DX400	4	RUHE, ROBERT	PA DX400
3	DONEGAN, PAUL	CA ICF2002	1	SABLE, THOMAS	PA TS4308
1	DORBETT, GERALD	NC	5	SAMPSON, DANIEL	WI DX400
4	EMERSON, TERRY	OR R2000	1	SAMS, MITCH	KS
4	EVANS, JAMES	TN R2000	1	SANDERSON, JACK	AZ R1000
2	FALBO, ANTHONY	OR R1000	2	SCHEEL, MICHAEL	IA ICF2001
1	FAMULARO, RALPH	JP RF-B30	3	SCHMUCKER, RICK	NE DX160
1	FILIPPI, MARIO	PA R2000	1	SCHULSINGER, MICHAEL	?? FR07
1	FINKLE, PHIL	CA TR7A	8	SHAMBLIN, BILL	AR IC-R71A
2	FORSBREN, RAY	WI FR07700	2	SHANKLIN, GEOFF	MA
4	FRANK, KENNETH	ON RA17	2	SHARP, DAVID	FL R600
5	FRASER, BOB	MA CR2021	4	SHARPE, BRYAN	CA DX302
3	FROENMING, GARY	AZ TS4308	7	SHEEDY, DAN	CA IC-R70
1	GAFFIN, JOSH	NY	2	SHIMADA, SENGHU	JP FR07700
1	GARDINER, HERBERT	HI	1	SKROBLUS, GEORGE	AZ
3	GEORGE, STEVE	MA 885	2	SMALLWOOD, JAMES	AL RF2000
7	GERSTNER, JOHN	NY DX1000	5	SOOMRE, ED	MA R2000
3	GOODMAN, JOEL	IA R390	1	SPAN, BILL	
2	GROSVENDOR, NORMAN	CA FR07	8	STANLEY, TREVOR	AZ ICF2010
3	GRUBSLING, LINDA	ID IC-R71A	1	STEIN, RICKEY	NJ FR07700
1	GUNTER, JOHN	N R2000	4	STEPHENSON, NORMAN	CA IC-R70
1	HALL, TIM	CA ICF2001	4	STRANSKY, LARRY	NY R2000
3	HARRIS, MIKE	OH IC-R71A	1	TAYLOR, LYLE	SD FR07700

via R. RSA: N. America - 0200 UTC Monday on 9615/6010/5980  
C. Africa - 0300 UTC Sunday on 9585/7270/5980/4990/3230  
W. Africa - 0630 UTC Sunday on 11900/9585/7270/5980  
and U.K.

(broadcast every fourth weekend)

via KCBI: 1903 & 2000 UTC weekdays on 11790  
1830 UTC Sundays on 11905

("SPEEDX Report" has been on Sundays so far, but could change)

Don't forget the special SPEEDX QSL cards, available from David Sharp for a correct reception report on any of the above stations during a "SPEEDX Report" broadcast. David's address is on page 3. Give it a listen!

And now, let's check the mailbox...

"Dear Tom:

About the chap who has been in the hobby for 12 years and wants the loggings, the whole loggings, and only the loggings. [cf December *Up Front*, page 2. ed.] I don't think you can run *SPEEDX* on the rabid DXers alone. We "mere" SWLs who scan the loggings and read the "prose" (after 45 years in may case) foot much of the bill, you know."

*Arthur H. Friezsche, San Luis Obispo, California*

"Dear Mr. Kephart:

When President Reagan addressed the joint members of Congress upon his return from the Geneva conference, he remarked: "There were 3000 reporters in Geneva. That meant 3000 different opinions."

I'm quoting President Reagan after reading Mr. Trotto's letter and your reply. I believe you are doing a fine job. *SPEEDX* magazine is well balanced, and I should say it covers the interests of every subscriber. Personally I enjoy the columns prepared by David Sharp, Michael Nowicki, Woody Seymour, and Ralph Bowden. But I also appreciate the work of each of the continental editors. Several times I have consulted their columns to see if my FR6-7 can pick out a station. So, as you see, I thoroughly enjoy *SPEEDX* magazine."

*Norman C. Grosvenor, Chatsworth, California*

"Dear Sir:

I read in the last number that this year *SPEEDX* has his 15th Anniversary. I think that I am one of the oldest member of *SPEEDX*. I have at home all the reports from Utility scene from April 1972. This is my hobby to received utility stations, RTTY, CW and aero and so on.

I started in this hobby in 1938 with some friends to receiving B.C. stations. Also in the war to September 1944 there was no electricity till Mai 1945 - the liberation.

Every month I am looking for the new number. I am now 64 years old. I wish *SPEEDX* many years of good publishing. With many regards."

*A.L.B. Jansen, Utrecht, Holland*

"Dear Tom:

How about an "all band-all mode" DX contest? I would enjoy participating and I believe some other members would also. I could be a 24-hour event perhaps with a certificate for the winner.

I wrote projects coordinator Kraig Krist with a proposed set of rules for such a contest. How about [the members] sending Kraig a post card to show support or non-support of a contest?

I always enjoy my *SPEEDX* and thanks for your considering such a contest."

*Gary Stone, Spokane, Washington*

Thank you, gentlemen, for your comments and kind words. A contest sounds great, Gary, hopefully Kraig and I, along with David Sharp perhaps, can set up something for the not-too-distant future.

PROPAGATION NOTES: Last-minute info via "MediaNetwork", Radio Nederland, 23 January edition: current solar index is around 16 (very low), and some experts think we may be on the way back up, which would improve reception just a wee bit, I'd say. Some experts feel the next solar cycle will peak at around 80, which would be a low peak, and others think it could peak as high as 120-130. This peak could occur as soon as 1990, according to current solar conditions.

Out of room! I'll get to an idea from Michael Leonard-ME next month. 73! Tom

## Up Front

written the way they are.

...[W]hether or not I listen or you listen is immaterial. What is material is that you and I and the rest of the public are, putting it quite too nicely, being asked to give up our freedom to listen to certain frequencies or bands (we don't even know which ones because of the way the bills are written) so that cellular telephone companies can make good on their sales pitch of communications privacy.

If users want secure conversations, the technology exists, at reasonable cost, for the cellular phone companies to encrypt the signals in such a way that they're intelligible only to phone customers. Then why don't the companies do just that? First, it would cost them a couple hundred dollars per phone, and second, they just might be able to get privacy free -- EXCEPT FOR THE COST TO THE PUBLIC -- from the Congress...."

*Richard Berg-Andersson, SPEEDX member, Woodside, New York:*

"...I think there are more problems than those pointed out by Terry Colgan [see above. ed.]. Among these are:

1. The simple fact that this bill dilutes the concept of public ownership of the airwaves by tipping the delicate balance between private/governmental interests (which permit laws forbidding us from using/divulging message content) and the public interest (which permits us to listen/monitor) away from the public interest and away from we in the radio hobby.

2. Even if the damage were to be kept minimal ('the scanner buffs lose a few frequencies, so what?'), it would set in motion a chain of events detrimental to our hobby. If one radio service is given a higher standard of privacy than other radio services, how much longer can it be before those others clamor for -- nay, demand -- the same higher standard? How much longer before police, fire, aircraft radio monitoring becomes 'wiretapping'? How much longer before utility DXing becomes 'wiretapping'? If 'wiretapping' includes hearing ship-to-shore communications via WOO, is not Jeff Knapp's column a 'conspiracy to wiretap'? There is even loose talk of including some provision by which some authority may make it illegal to hear certain foreign broadcasters; logging Radio Jamahriyah, Radio Moscow, or Radio Havana could become 'conspiracy to violate national security'...."

*Stephen G. Moye, "Contact" editor, December FRENEX:*

"...There is an increasing tendency to make consumers legally (and, by implication, morally) responsible for the faulty and penny-pinching engineering and planning on the part of manufacturers.... Caveat emptor? That tired phrase has been used all too often in order to shift the blame from the manufacturers to consumers: it is not the function of business merely to outwit the consumer...."

The possible effects of these bills are impossible to pin down. It is probable that the bills will pass in some form, simply because of the lobbying groups in favor of them. It could conclude with a simple addition to the law making it unlawful to use the information monitored from certain, well-defined services (such as cellular phones) to personal gain or harassment of others. That would make sense, although Title 18 possibly already covers that. Or it could be so vague and ill-defined that SPEEDX could no longer print certain types of loggings (such as UTEs or "national security risk" international broadcasters), because in printing them, the contributor would be, in effect, admitting to a felony, and the magazine staff would conceivably be part of a "conspiracy to commit a felony".

Back to Terry Colgan:

"...After you've studied everything, tell your elected representatives in Congress [representative and both senators. ed.] how you feel. Make your letters brief and to the point. State what you think and why. Be specific. Generalizations don't influence opinions or sway votes.

Things in Congress may move rapidly after the holiday recess. If you waste time now, you may have wasted money on your radios."

**THE SPEEDX REPORT:** The current schedule for "The SPEEDX Report", hosted by DX Montage editor David Sharp, is as follows:

via HCJB: N. America - 0230 & 0630 UTC Sunday on 6095/9870  
Europe - 2130 UTC Saturday on 21477.5/17790  
Oceania - 0930 UTC Saturday on 6230/9745/11915  
(broadcast every Saturday/Sunday)



\*\*\* QSLs \*\*\*

CNTRY	CALL	DES/ID	NAME/LOCATION	QSL/ POSTAGE/ #DAYS	FREQ	CONTRB
	3E1C 2	M/V	CARIBE ONE	PPC MS 17D	4112.5	EZ -ME
	CG 1447	USCGC	AIRCRAFT	PPC MS 11D	5696.0	POC-NH
	CG 1501	USCGC	AIRCRAFT	PPC MS 74D	5696.0	POC-NH
	CG 1712	USCGC	AIRCRAFT	PPC MS 6D	5696.0	POC-NH
	HPFG	M/V	FESTIVALE	PPC MS 17D	4112.6	EZ -ME
	LITA	SS	NORWAY	CARD MS 17D	4090.9	EZ -ME
	NNNOCDJ	USS	BOWEN	PPC NO POST 21D	14483.5	AL -MA
	NNNOCRM	USS	JOSEPH HEWES	PPC NO POST 18D	14477.0	AL -MA
	NSNH	M/V	SEALAND LEADER	PPC NO POST 58D	8294.2	AL -MA
	WZR 8532	R/V	CALANUS	PPC NO POST 14D	6200.0	AL -MA
CAN	CYFB	AERO	FROBISHER BAY	PPC 11RC 19D	8891.0	EZ -ME
CAN	VCA	CCG	CHARLOTTETOWN	PPC 11RC 24D	2182.0	POC-NH
CAN	VCM	CCG	ST. ANTHONY	PPC 11RC 20D	2182.0	POC-NH
CAN	VCP	CCG	ST. LAWRENCE	PPC 11RC 132D	2182.0	POC-NH
EIRE	EIP	AERO	SHANNON	PPC MS 12D	8891.0	PAC-UK
EIRE	EJK	MARCO	VALENTIA	PPC MS 20D	2182.0	POC-NH
ENG			SPEEDBIRD LONDON	PPC MS 14D	13335.0	PAC-UK
BDR	Y3S	SFTS	NAUEN	CARD 11RC 181D	4525.0	AL -MA
NCAL	FUJ	NAVRAD	NOUREA	LETTER 31RC 82D	8657.0	AL -MA
NOR	LIB	AERO	BODO	PPC 11RC 10D	8891.0	PAC-UK
NOR	OFU	MARCO	KOTKA	PPC 11RC 10D	2182.0	PAC-UK
SDAF	ZUD	SFTS	PRETORIA	PPC MS 232D	5000.0	PAC-NH
SWIS	HEB	MARCO	BERNE	PPC 11RC 15D	10069.0	PAC-UK
USA		ARINC	NEW YORK	LETTER 11RC	13330.0	PAC-UK
USA		NDB	ATHENS	PPC	221.0	HH -MD
USA	BJT	AERO	NEW YORK	PPC MS 12D	10051.0	EZ -ME
USA	KEA 5	MARCO	GALVESTON	PPC MS 11D	8666.0	EZ -ME
USA	KLC	MARCO	GALVESTON	PPC MS 279D	8666.0	POC-NH
USA	KLC	MARCO	GALVESTON	CARD MS 11D	8728.2	EZ -ME
USA	KMI	MARCO	DIXON	PPC MS 15D	6577.0	EZ -ME
USA	NWA 3	AERO	SAN JUAN	PPC 11RC 22D	8825.0	PAC-UK
USA	NWA 3	AERO	SAN JUAN			

\*\*\* CONTRIBUTORS \*\*\*

NAME	INI-ST	RECEIVER	# LOGS
AKED, ROGER	RMA-FR	EDDYST. 1650/2	18
ALEXANDER, RODNEY	RMA-IA	R 70	17
ATKINS, GUY W.	GWA-WA	R 70	9
BEAVER, WILLIAM R.	WRB-IN	FRG 7700	2
BELHAUS, FRED W.	FWB-NJ	R 71A	45
BERRI, JASON E.	JEB-CA		11
BODENHAGEN, FRED	FB -FG	SATELLIT 3400	26
BREWER, DON	DB -AR		1
CADORETTE, N.R.	NRC-MA	R 70	17
CHICKERELL, LARRY J.	LJC-WV	DX 400	1
CIRONE, JOSEPH P.	JPC-NJ	R 70	12
CONWAY, PETER A.	PAC-UK	COLLINS 57J-4	29
DICKERMAN, WILLIAM O.	WOD-PA		4
FINKLE, PHIL	PF -CA	TR 7A	1
GARDINER, HERBERT G.	HGG-HI		18
GERSTNER, JOHN	JG -NY	DX 1000	20
HARTUNG, JAMES C.	JCH-MD	R71A	30
HOLBROOK, HANK	HH -MD		2
JONES, BRIAN	BJ -TX	R 70	10
KERRIGAN, PATRICK	PK -IL		1
KLOPFENSTEIN, DAVID	DK -OR	NC60B	31
KNIGHT, ROBERT W.	RWK-WA		24
LEWKOWICZ, ABE	AL -MA	DX 302/ICF 2001	28
MARGOLIS, ROBERT	RM -IL		9
MOL, SUSAN M.	SMM-MI	FRG 7700	16
O'CONNOR, PETER	POC-NH	DX 302	24
PIKE, ARTHUR H.	AHP-NM	ICF 6800W	16
ROBERTS, KEN	KR -FL	R 2000	58
ROCKER, RAYMOND	RR -MS	FT 757GX	78
ROSS, ROBERT S.	RSR-ON	FR 101S	7
SHAMBLIN, JR., BILL	BS -AR	R 71A	4
SHANKLIN, GEOFF	GS -MA		2
SHEEDY, DAN	DS -CA	R 70	2
SODMRE, ED	ES -MA		12
STANLEY, TREVOR	TS -AZ	SONY 2010	31
TAYLOR, LYLE	LT -SD	FRG 7700	3
THOMPSON, PEGGY	PAT-CA	FRG 7	3
WHITE, FRED	FW -FL	TWO NRD 515	14
WILLIAMS, JOHN D.	JDW-FL	R 71A/ R 7A	38
ZIEGLER, ED	EZ -ME	R 2000	26

The new masthead was brought about because I lost easy access to particular photocopier; so I wrote a program to print this masthead on my computer.

I don't have enough to fill another page, so I'll just cut it off here. Until next month, 73's and BEST DX!

9027.0	U	1217	DESIREABLE	WKG	REARRANGE	JDW-FL
9027.0	U	1224	SPITBALL	WKG	AEROBIC	JDW-FL
10075.0	U	2044	NOVEMBER 620 SIERRA	WKG	HOUSTON	KR -FL
10493.0	U	1722	EVERGREEN	WKG	WGY 908	RR -MS
10780.0	U	1201	AGAR 21	WKG	CAPE RADIO	JDW-FL
11104.0	U	1240	511	WKG	CAPE LEADER	JDW-FL
11126.0	R	0207	RUBDOWN	WKG	ALBROOK	JPC-NJ
11182.0	U	2150	JOLLY 41	WKG	RESCUE OPS	JPC-NJ
11272.0	U	1910	DETONE BRAVO	WKG	TRENTON CANMIL	PK -IL
14397.0	U	1158	AGAR 21	WKG	CAPE RADIO	JDW-FL

\*\*\* NUMBERS \*\*\*

DATE	STRT-STOP	FREQ	M	LL/88	TRAFFIC	CONTRB
10/03/85	0722-0733	6225.0	A	SS/YL	5D/2D/5D, REPEATED	PK -IL
12/04/85	0208-----	7379.0	A	66/	5D IN PROGRESS	KR -FL
12/04/85	0508-0544	6797.0	A	SS/YL	4D	PK -IL
12/08/85	0408-0411	4824.0	A	SS/YL	5D GRPS	JEB-CA
12/09/85	0412-----	6802.0	A	SS/YL	4D GRPS	FW -FL
12/12/85	0430-0453	6912.0	A	SS/YL	5D GRPS	AHP-NM
12/12/85	2300-2343	6802.0	A	SS/YL	5D GRPS	AHP-NM
12/14/85	0604-0634	7910.0	A	SS/YL	5D GRPS	AHP-NM
12/14/85	0700-0709	6833.0	A	SS/YL	5D GRPS	AHP-NM
12/15/85	0400-0433	6802.0	A	SS/YL	4D GRPS	AHP-NM
12/15/85	0417-----	5805.0	A	SS/YL	4D GROUPS IN PROGRESS	PAT-CA
12/17/85	0400-0500	5240.0	A	SS/YL	5D GRPS, // 6803	AHP-NM
12/17/85	0405-0410	5238.0	A	SS/YL	'545', 10 COUNT	RR -MS
12/17/85	0442-0455	5240.0	A	SS/YL	5D GRPS SLOWER THAN USUAL	RR -MS
12/17/85	0658-0715	4111.0	C	/	5D GRPS	RR -MS
12/17/85	0702-0715	3445.0	A	SS/YL	5D GRPS	RR -MS
12/18/85	0202-0213	7379.0	A	66/YL	5D GRPS	RR -MS
12/18/85	0235-0241	4777.0	A	SS/YL	LIVE 5D GRPS	RR -MS
12/18/85	0405-0413	6867.0	C	/	5D CUT NUMS, 30DB > 89	RR -MS
12/19/85	0006-0017	6803.0	A	SS/YL	5D GRPS	AHP-NM
12/19/85	0340-0345	5924.0	A	SS/YL	5D GRPS	RR -MS
12/21/85	0451-0515	5182.0	A	SS/YL	5D GRPS	RR -MS
12/21/85	0502-0516	5182.0	A	SS/YL	5D GRPS	AHP-NM
12/21/85	0610-0620	5136.0	A	SS/YL	5D GRPS	RR -MS
12/21/85	0630-0640	5015.0	A	66/YL	'PAPA NOVEMBER', FLUTE MX	RR -MS
12/21/85	0644-0705	7887.0	C	/	5D CUT NUMBERS	RR -MS
12/22/85	0403-0410	4824.0	A	SS/YL	5D GRPS	RR -MS
12/24/85	0804-0825	6572.0	A	SS/YL	5D GRPS	AHP-NM
12/24/85	0830-----	5813.0	A	SS/YL	TONES MIXED WITH NUMBERS	AHP-NM
12/25/85	0300-0324	5813.0	A	SS/YL	4D GRPS	AHP-NM
12/27/85	0500-0555	5750.0	A	SS/YL	5D	AHP-NM
12/29/85	1234-1240	4752.0	A	SS/YL	5D IN PROGRESS	JEB-CA
12/30/85	0400-0436	5182.0	A	SS/YL	5D GRPS	AHP-NM
01/05/86	0900-0914	5827.0	A	SS/YL	5D GROUPS, MOSTLY 1,3,8,9	DK -OR

\*\*\* BEACONS \*\*\*

FREQ	M	TIME	CALL	TYPE	TRAFFIC	CONTRB
29452.0	C	2358	RS 5	SATLT	RR SATELLITE W/TELEMETRY	EZ -ME

\*\*\* UNIDENTIFIED \*\*\*

FREQ	M	TIME	DATE	CALL	TRAFFIC	CONTRB
4391.5	U	0130		WML	TFC LIST	J6 -NY
4607.0	C	0447	12/19/85	78KLP	CLG 72HVY	RR -MS
4625.0	A	0615	12/21/85	VEB 2	TIME SIGS. TENTATIVE ID	RR -MS
13556.0	C	2334	12/15/85	W	W RPTD	BJ -TX
14401.0	R	0825	12/27/85	BXT 1	RYS 5L GRPS	FB -FG
14811.7	R	1845	/	AL JAGUAR	CRYPTO TELEX/SS CHATTER	GWA-WA
15091.0	U	2305	12/27/85		WKG '102' W/ DF INFO	WDD-PA
15963.0	R	2230	01/02/86	JMS	RYS INTO 5L TFC	JEB-CA
20039.8	R	1650	12/17/85	EMBACUBA	'EMBACUBA ZAIRE' 50-425N	RR -MS

\*\*\* VLF/LF/MW \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
CAN	224.0	C	0105	OM		NDB	ID	RSR-ON
CAN	285.0	C			GODERICH	NDB	ID.	SMM-MI
CAN	335.0	C	0151	UQC	STIRLING	NDB	ID	SMM-MI
CAN	353.0	C	0155	QB	WINDSOR	NDB	ID	SMM-MI
CAN	359.0	C	0157	PN	PORT MENIER	NDB	ID	SMM-MI
CAN	517.0	C	0213	YWA	PETAWAWA	NDB	ID	EZ -ME
GIBR	500.0	C	2155	ZDK	GIBRALTER	MARCO	WKG SYXG	PAC-UK
MROC	500.0	C	1958	CNP	CASABLANCA	MARCO	CLG DWHG	PAC-UK
SPAN	500.0	C	2237	EAV	CABO DE LA NAO	MARCO	CLG J4LS	PAC-UK
USA	193.5	C	0329	TUK	NANTUCKET	NDB	WX	FW -FL
USA	206.0	C	0337	GLS	GALVESTON	NDB	ID	FW -FL
USA	209.0	C	0125	GDW	GLADWIN	NDB	ID	SMM-MI
USA	236.0	C	0344	GNI	GRAND ISLE	NDB	WX	FW -FL
USA	255.0	C	0131	MB	FREELAND	NDB	ID	SMM-MI
USA	285.0	C	0136	PT	PENTWATER	NDB	ID	SMM-MI
USA	304.0	C	0420	BH	BOSTON	NDB	LIGHTED BOUY ID	ES -WA
USA	322.0	C	0139	B	SOUTH BUFFALO	NDB	ID	RSR-WA
USA	329.0	C	0143	ADD	HARTFORD	NDB	ID	RSR-ON
USA	331.0	C	0148	AMN	ALMA	NDB	ID. SHOULD BE 329KHZ	SMM-MI
USA	335.0	C	0153	DE	DETROIT	NDB	ID. SHOULD BE 338KHZ	SMM-MI
USA	472.0	C	0505	NMC	SAN FRANCISCO	USCG	WX	GWA-WA



5696.0	U	1420	CG 2118	WKG NEW ORLEANS	RR -MS
5696.0	U	0046	CG 2129	WKG CORPUS CHRISTI	JG -NY
5696.0	U	0041	CG 2139	WKG BORINGUEN AIR	JG -NY
6200.0	U	0701	R3F	CLG HONOLULU	RWK-WA
6577.0	U	0227	AIR FRANCE 533	WKG NEW YORK	TS -AZ
6577.0	U	0154	AIR MEXICO 454	WKG NY	KR -FL
6577.0	U	0133	CLIPPER 217	WKG NY	KR -FL
6577.0	U	2335	CLIPPER 217	WKG NY RADIO	RMA-IA
6577.0	U	0156	CUBANA 444	WKG NY	KR -FL
6577.0	U	0152	EASTERN 44	WKG NY	KR -FL
6577.0	U	0143	EASTERN 920	WKG NEW YORK	JDM -FL
6577.0	U	0200	EASTERN 960	POSITION REPORT TO NY	KR -FL
6577.0	U	0203	LIMA NOVEMBER 455	WKG NEW YORK	TS -AZ
6577.0	U	0313	SPEEDBIRD 292	WKG NEW YORK	TS -AZ
6577.0	U	0213	TWA 17	WKG SAN JUAN	TS -AZ
6577.0	U	0156	VARIG 861	WKG NY	KR -FL
6738.0	U	0530	SAM 0712	WKG HICKAM	HGG-HI
8825.0	U	2009	CARIBBEAN 003	WKG NEW YORK	POC-NH
8843.0	U	0025	CLIPPER 11	WKG SAN FRANCISCO	TS -AZ
8843.0	U	0016	DELTA 25	WKG HONOLULU	TS -AZ
8843.0	U	0237	HAWAIIAN 213	CLG SAN FRANCISCO	KR -FL
8843.0	U	0030	HAWAIIAN AIR 509	WKG SAN FRANCISCO	TS -AZ
8843.0	U	0028	WORLD 1	R/C W/SAN FRANCISCO	TS -AZ
8846.0	U	2130	CLIPPER 221	WKG SAN JUAN	JDM -FL
8846.0	U	2208	UNITED 46	WKG NEW YORK	JG -NY
8861.0	U	0040	CEBANA 493	WKG D4B	AL -MA
8861.0	U	0041	SPEEDBIRD 244	WKG D4B	AL -MA
8861.0	U	0057	SPEEDBIRD 248	WKG 6VU	AL -MA
8864.0	U	2125	AEROFLOT 333	WKG NEW YORK	JDM -FL
8864.0	U	1304	CLIPPER 55	WKG GANDER	JDM -FL
8867.0	U	0737	QANTAS 11	WKG NANDI	HGG-HI
8891.0	U	1240	JAPAN AIR 41	WKG CHURCHILL AERO	JDM -FL
8891.0	U	1235	MAC 60179	WKG GANDER	JDM -FL
8891.0	U	1237	SPEEDBIRD 495	WKG SHANWICK	JDM -FL
8903.0	U	0458	MAC 38088	WKG TOKYO	HGG-HI
8903.0	U	1259	MAC 60121	WKG HONOLULU	JDM -FL
8903.0	U	2056	MAC AIREVAC 60191	WKG HONOLULU	HGG-HI
8942.0	U	0955	AC 8703	WKG HO CHI MINH VILLE	HGG-HI
8942.0	U	1003	CATHAY PACIFIC 721	WKG BANGKOK	HGG-HI
8942.0	U	1035	JAPAN 719	WKG SINGAPORE	HGG-HI
8942.0	U	0953	MALAYSIAN 11	WKG BANGKOK	HGG-HI
8942.0	U	0952	MALAYSIAN 62	WKG MANILA	HGG-HI
8999.0	U	0123	AIR FORCE 019	WKG KELLY	JPC-NJ
8993.0	U	2250	CG 1503	WKG HOWARD	JPC-NJ
9006.0	U	1329	CANMIL 711	WKG TRENTON MILITARY	JDM -FL
10066.0	U	1101	SPEEDBIRD 11	WKG MADRAS INDIA	HGG-HI
11176.0	U	2245	CG 1503	WKG HOWARD	JPC-NJ
11176.0	U	1852	LOBAR 77	WKG ALBROOK	RR -NS
11182.0	U	2050	CE544	WKG SCOTT	LJC-WV
11182.0	U	2115	MAC 70001	WKG SCOTT	WRB-IN
11282.0	U	2331	UNITED 602	WKG HONOLULU	RWK-WA
11384.0	U	0133	CLIPPER 381	WKG HONOLULU	TS -AZ
11384.0	U	0124	CONTINENTAL 557	WKG HONOLULU	TS -AZ
11384.0	U	0454	MAC 50219	WKG HONOLULU	HGG-HI
11384.0	U	2335	NAVY CHARLIE QUEBEC	WKG HONOLULU	TS -AZ
11384.0	U	2210	NORTHWEST 15	WKG HONOLULU	TS -AZ
11384.0	U	0129	PAN AM 779	WKG HONOLULU	TS -AZ
11396.0	U	0954	GANTAS 15	WKG DARWIN	HGG-HI
13333.0	U	1352	GULFAIR 006	P/P THRU SPEEDBIRD LONDON	PAC-UK

\*\*\* TACTICAL \*\*\*

FREQ	M	TIME	CALL	TRAFFIC	CONTRB
4585.0	U	0452	CENTRAL	FLT PLAN FOR SANTA CLAUS	POC-NH
4627.0	U	0315	SOUTHWEST 28	CAP NET	RR -MS
4725.0	U	0720	GUMMY	CODED TFC TO GIMMICK	RR -MS
5550.0	U	0237	235 DELTA HOTEL	WKG SAN JUAN	KR -FL
5550.0	U	0339	HOTEL SIERRA 035	WKG SAN JUAN	KR -FL
6577.0	U	0232	AIREVAC 50236	WKG NY	KR -FL
6697.0	U	1847	PARCHEESI	CODED TFC	RR -MS
6712.0	U	1305	DOUBLE HEADER	WKG SYNTAX	JDM -FL
6712.0	U	1300	WASHTUB	WKG TUNEABLE	JDM -FL
6724.0	U	1535	Q4B	WKG 8AB	PK -IL
6739.0	U	1104	AC 79	WKG YOKOTA	HGG-HI
6739.0	U	1845	SKI 61	CLG ANY STATION FOR R/C	RR -MS
6761.0	U	0223	ABRUPTION	WKG RUBDOWN	AHP-NM
6761.0	U	0318	APPRAISER	WKG 64 QUEBEC	KR -FL
6761.0	U	1851	ARMSTRONG	CODED TFC	RR -MS
6761.0	U	1426	OIL TANK	CODED TFC TO BIRDNEST	RR -MS
6761.0	U	0754	RUBDOWN	CLG SKYBIRD	JPC-NJ
6761.0	U	2346	UNDERDOG	WKG FLY 110	RR -MS
6762.0	U	0503	CLRA 28	WKG DLGA CONTROL	PK -IL
6762.0	U	0543	WEARE 32	WKG APPRAISER	PK -IL
8846.0	U	2127	AGAR 21	WKG NEW YORK	JDM -FL
8846.0	U	0243	NOVEMBER 728 QUEBEC	CLG SAN JUAN	KR -FL
8864.0	U	0249	LIMA CHARLIE 87	CLG NY	KR -FL
8918.0	U	0210	NOVEMBER 841 FOXTROT	CLG PANAMA	KR -FL
8989.0	U	0115	GOLD 18	WKG ELMENDORF	JPC-NJ
8993.0	U	2204	GULL 09	WKG MIAMI MONITOR	JPC-NJ
8993.0	U	0248	GULL 18	WKG MACDILL	KR -FL
8993.0	U	0251	INDIA CHARLIE 2 ALPH	WKG MACDILL	KR -FL
8993.0	U	0253	INDIA CHARLIE 2 ALPH	WKG WINA 11	KR -FL
9006.0	U	1139	BRAVO 1 DELTA	WKG FOXTROT 5 FOXTROT	JDM -FL

16740.0	C	1701	JBFT	CANADIAN RAINBOW	WKG HPP		FWB-NJ
16744.0	C	1759	3FUA 2	BOTANY TRIDENT	WKG KPH		FWB-NJ
16754.0	C	2004	WHSG	SS PENNSYLVANIA			FWB-NJ
16755.0	C	1812	ONAY	FEDERAL OTTOWA	AMVER TO NMR		FWB-NJ
16755.0	C	1635	SVHU	M/V WORLD ATLAS	WKG OST		FWB-NJ
16762.0	C	1656	SIRT	M/V POSEIDON	WKG WNU		FWB-NJ
16764.0	C	1703	PPUU	FROTASANTOS	WKG PPJ		FWB-NJ
16766.0	C	1740	JEDN 3	STAPHANIE			FWB-NJ
16766.0	C	1714	D9JK	KOREAN PIONEER	WKG VCS		FWB-NJ
16766.0	C	2017	LQXC	ASTRACRUZ			FWB-NJ
16768.0	C	2204	3EFA 3	SILVER AYA	WKG JCT		FWB-NJ
16768.0	C	2004	3ELU 3	CLIPPER CHALLENGE	WKG WNU 45		FWB-NJ
16768.0	C	1518	ELEA 3	M/V ROMENA	WKG LPD		FWB-NJ
16770.0	C	1532	JIEC	KIJIMA	WKG WCC		FWB-NJ
16772.0	C	1618	SLWQ	M/V IVAN TOPIC	WKG FFL		FWB-NJ
16777.0	C	1701	SLGE	M/V TAESCHORN			FWB-NJ
16778.0	C	1803	C6BI 6	BOESTRAIT	WKG WCC		FWB-NJ
16782.0	C	1958	H9CM	M/V Balsa 1	WKG WNU		FWB-NJ
16795.0	C	1546	SXYE	M/V OCEAN KING	WKG SKD		FWB-NJ
16796.0	C	1941	3PHK 4	GOLDEN ORCHID	WKG KPH		FWB-NJ
16812.0	C	1623	HOLC	M/V FAMILY C	WKG WCC		FWB-NJ
16822.0	C	2010	6TAS	DOMINA			FWB-NJ
16846.0	C	1727	PPVD	LLOYD ARGENTINA	WKG WNU		FWB-NJ

\*\*\* AERO \*\*\*

FREQ	M	TIME	CALL	TRAFFIC	CONTRB
2887.0	U	0232	CUBANA 478	WKG NEW YORK	JDW-FL
2887.0	U	0206	SOUTHERN AIR 251	WKG NEW YORK	JDW-FL
2899.0	U	0247	AMERICAN 84	WKG GANDER	KR -FL
2899.0	U	0156	CLIPPER 110	WKG NEW YORK	JDW-FL
3016.0	U	0135	IBERIA 902	WKG NEW YORK	JG -NY
3494.0	U	0225	QUEBEC AIR 550	WKG NEW YORK	JDW-FL
5547.0	U	0617	CONTINENTAL 001	WKG SAN FRANCISCO	RR -MS
5547.0	U	2352	NORTHWEST 1	WKG SAN FRANCISCO	TS -AZ
5547.0	U	1825	NORTHWEST 87	WKG SAN FRANCISCO	TS -AZ
5547.0	U	2340	TIGER 72	WKG SAN FRANCISCO	TS -AZ
5547.0	U	0404	UNITED 02	WKG SAN FRANCISCO	RR -MS
5550.0	U	0005	UNITED 143	WKG SAN FRANCISCO	TS -AZ
5550.0	U	0142	AIR FRANCE 336	WKG NEW YORK	TS -AZ
5550.0	U	0015	AMERICAN 478	WKG NEW YORK	TS -AZ
5550.0	U	0138	AMERICAN 665	WKG NEW YORK	TS -AZ
5550.0	U	0022	CLIPPER 217	WKG NEW YORK	TS -AZ
5550.0	U	2356	DELTA 247	WKG NEW YORK	TS -AZ
5550.0	U	0136	EASTERN 953	WKG NEW YORK	TS -AZ
5550.0	U	137	QUEBEC AIR 742	WKG NEW YORK	JDW-FL
5550.0	U	0132	SOUTHERN AIR 520	WKG NEW YORK	JDW-FL
5550.0	U	0152	STARFLEET 95	WKG NEW YORK	JG -NY
5550.0	U	0332	TWA 14	WKG SAN JUAN	KR -FL
5574.0	U	0013	AIR CANADA 072	WKG SAN FRANCISCO	TS -AZ
5574.0	U	0024	AIR CANADA 072	WKG SAN FRANCISCO	TS -AZ
5574.0	U	1235	AMERICAN 574	WKG SAN FRANCISCO	JDW-FL
5574.0	U	0739	AMERICAN 64	WKG HONOLULU	HGG-HI
5574.0	U	0021	QUEEN AIR 002	WKG SAN FRANCISCO	TS -AZ
5574.0	U	0027	UNITED 107	WKG SAN FRANCISCO	TS -AZ
5598.0	U	0346	AIR FRANCE 2301	WKG SAN JUAN	KR -FL
5598.0	U	0126	AIR FRANCE 239	WKG SAN JUAN	KR -FL
5598.0	U	0112	AIR FRANCE 517	WKG NEW YORK	JDW-FL
5598.0	U	0359	ALITALIA 567	WKG SAN JUAN	KR -FL
5598.0	U	0226	CLIPPER 110	POSITION REPORT TO NY	KR -FL
5598.0	U	0354	CLIPPER 25	WKG NY	KR -FL
5598.0	U	0155	CUBANA 1491	WKG SAN JUAN	JDW-FL
5598.0	U	0349	CUBANA 1491	WKG NY	KR -FL
5598.0	U	0229	KLM 703	WKG NY	KR -FL
5598.0	U	2252	MAC 60187	WKG SANTA MARIA	JG -NY
5598.0	U	0356	SOUTHERN AIR 523	WKG NY	KR -FL
5598.0	U	0350	SPEEDBIRD 258	WKG NY	KR -FL
5598.0	U	0127	SPRINGBOK 204	WKG NY	KR -FL
5616.0	U	0318	AIR MEXICO	WKG NEW YORK	TS -AZ
5616.0	U	0119	AIR MEXICO 450	WKG NEW YORK	TS -AZ
5616.0	U	0238	AMERICAN 50	WKG GANDER	KR -FL
5616.0	U	0335	CLIPPER 106	WKG GANDER	TS -AZ
5616.0	U	0218	DELTA 20	WKG NY	KR -FL
5616.0	U	0237	MAC 60174	WKG NY	TS -FL
5616.0	U	0123	NAVY LIMA QUEBEC 564	WKG NEW YORK	TS -AZ
5616.0	U	0238	PEOPLES EXPRESS 08	WKG GANDER	JDW-FL
5616.0	U	0241	SPEEDBIRD 262	WKG NY	KR -FL
5616.0	U	0235	TWA 900	WKG NEW YORK	JDW-FL
5628.0	U	1229	CLIPPER 12	WKG HONOLULU	JDW-FL
5628.0	U	1134	NORTHWEST 8	WKG TOKYO	HGG-HI
5643.0	U	1210	POLYNESIAN 654	WKG NANDI	JDW-FL
5643.0	U	1200	GANTAS 11	WKG TAHITI	JDW-FL
5652.0	U		ITLALIA 843	WKG KHARTOUM	JG -NY
5652.0	U	2157	SPEEDBIRD 53	WKG ALGIERS	JG -NY
5658.0	U	2227	AIR FRANCE 1382	WKG KHARTOUM	JG -NY
5658.0	U	2308	AIR FRANCE 335	WKG CAIRO	JG -NY
5696.0	U	2000	CG 02	WKG MIAMI	JPC-NJ
5696.0	U	0222	CG 1503	WKG MIAMI OPS	KR -FL
5696.0	U	2235	CG 1503	WKG MIAMI OPS	JPC-NJ
5696.0	U	0220	CG 1703	WKG SAN FRANCISCO	KR -FL
5696.0	U	2313	CG 171	WKG NMA	RR -MS
5696.0	U	2109	CG 1714	WKG MIAMI	JDW-FL
5696.0	U	2105	CG 2109	WKG MIAMI	JDW-FL
5696.0	U	2200	CG 2110	WKG TRAVERSE CITY	JG -NY

\*\*\* SHIPS \*\*\*

FREQ	M	TIME	CALL	NAME	TRAFFIC	CONTRB
2182.0	U	2341	CGDQ	CGG ALERT	WKG HALIFAX	POC-NH
2670.0	U	1500	NODH	USCGC BITTERSWEET	WKG NMF 2	AL -MA
2670.0	U	1234	NSMF	USCGC POINT BONITA	WKG WOODS HOLE	AL -MA
4066.1	U			USS TRUETT	WKG NORFOLK RCSS	JCH-MD
4066.1	U	0300		USS NEW ORLEANS	WKG CSSI SAN DIEGO	JCH-MD
4066.1	U	0309		USS NASSAU	WKG NORFOLK ICSS	AL -MA
4066.1	U	0036	GBRP	USS RANGER	WKG SAN DIEGO	AL -MA
4112.6	U	0155		M/V ROYAL PRINCESS	WKG WOM	EZ -ME
4134.0	U	0155		USCGC NORTHWIND	WKG NEW ORLEANS	JG -NY
4134.3	U	0300	NODM	USCGC HORNBEAM	WKG NNN	AL -MA
4171.0	R	2329	PCPQ	AMSTEL MOLEN	WKG NETH. ANTILLES	RMA-IA
4172.0	R		UGBT	KAPITAN PANFILOR		JCH-MD
4172.0	R	1457	UVEK	TKH IVAN SKURIDIN	RYG	JEB-CA
4172.5	R		LIZA	SUN VIKING	WKG WLO	JCH-MD
4175.0	R		UJIP	DAYU NASTROJKU	WKG URB 2	JCH-MD
4175.5	R	0240	UZLW	TH LEONID SOBINOV	WKG ODESSA	RMA-IA
4178.0	R	0237	UIYH	BMRT 268	WKG LENINGRAD	RMA-IA
4407.0	U	0043	HPEN	M/V BRITANIC	WKG WOM	EZ -ME
4407.0	U	0014	LADE	M/V ROYAL VIKING SKY	WKG WOM	EZ -ME
5320.0	U	0110		USCGE SEA HAWK	WKG NMA	AL -MA
5320.0	U	1235	NJPJ	USCGC RELIANCE	WKG MIAMI	AL -MA
5680.0	U	2236		USCGC ALERT	WKG CG LIASON 80	ES -MA
6200.0	U		NHNC	HARRIET LANE	WKG USCG PORTSMOUTH	JCH-MD
6263.0	R		LITA	NORWAY	WKG WLO	JCH-MD
6263.5	R		ESBK	SEVERNYY VETER	WKG URB 2	JCH-MD
6265.0	R	0110	USGV	TH NOVOMOSKOVSK	WKG URB 2	RMA-IA
6268.0	R		USRM	MEKH GERASIMOV	WKG URB 2	JCH-MD
6268.7	R	0045	UNRS	TK NIKOLAI SHCHORS	WKG ODESSA	GWA-WA
6268.7	R		UTUH	VERMISHEV		JCH-MD
6282.0	C	2323	ELCW 3	M/T NICOPOLIS	MSG TO GKC	FWB-NJ
6283.5	C	0620	UNBD	M/V ARKADY GAI DAR	OBG TO WLO	FWB-NJ
6285.0	C	0146	5BJV	M/V ANATOLI	WKG GKD	FWB-NJ
6290.0	C	2308	UJCI	M/V MEKHANIK KONOVALOV	MSG TO HPP	FWB-NJ
6293.0	C	0524	3EAD 4	JARACONDA	WKG WNU 42	FWB-NJ
6303.0	C	0108	7JVM	SACHIKAWA MARU	OBG TO WCC	FWB-NJ
6312.0	C	0121	6BDE	FORT EDMONTON	WKG XFQ 3	FWB-NJ
6338.5	R	0237	WTEQ	NOAA PIERCE	WKG NNN	AL -MA
6506.4	U	1320		USS MCDONALD	WKG MIAMI	JDW-FL
6506.4	U	1210	NODP	USCGC MARIPOSA	WKG PORTSMOUTH	JCH-MD
6506.4	U	1256	NODR	USCGC SEABRUSH	WKG SAN JUAN	AL -MA
8198.1	U	2358	PJCO	M/V NOORDAM	WKG WOM	EZ -ME
8222.9	U	0051	ELBM 9	M/V TROPICALE	WKG WOM	EZ -ME
8288.0	U	2337	GCCG	M/V CUNARD PRINCESS	WKG WOM	EZ -ME
8288.0	U	2328	LENA	M/V SONS OF AMERICA	WKG WOM	EZ -ME
8344.0	R	2343	UIDG	GAGRUNER ZARVA	CLG USA	RMA-IA
8344.0	R		UJDS	BRASILAVA	WKG UHM 2	JCH-MD
8344.0	R	0220	UVXJ	TK AKADEMIK NIKOLAJ		JEB-CA
8344.0	R	0235	UYDQ	TK LENINAKIN	TFC	RMA-IA
8344.5	R			ANGEL VICTORY	WKG GKE 4	JCH-MD
8344.5	R	1427	ONCD	ISLA PLAZA	CLG WNU	RMA-IA
8346.0	R		DGCE	CARIBA EXPRESS	WKG WLO	JCH-MD
8351.0	R	0332	LENA	SONG OF AMERICA	RELAYING TFC	RMA-IA
8352.5	A		GWEP	ARAPAH0		JCH-MD
8353.0	R	0154	UWHN	TK NIKOLOZ BARATASHVIL	RYG	JEB-CA
8353.0	R	0127	UWKF	BMRT TUMALIN	WKG UNID MARCO	FB -FG
8354.0	R			ANDDMALES	WKG WCC	JCH-MD
8354.0	R		3FAQ	VERACRUZ 1	WKG WCC	JCH-MD
8356.5	R	0132	UTDX	NIS KOSH. P. BELYAEV	WKG URD	FB -FG
8356.5	R	0138	UZVZ	NIS KOSH. DOBROVOLSKYY	WKG URD	FB -FG
8376.0	C	0318	TCWL	M/V MERIC	WKG GKC	FWB-NJ
8383.0	C	0008	ISZH	NAICARLA	AMVER TO NMR	FWB-NJ
8387.0	C	2244	J4QX	M/V ALKMINI		FWB-NJ
8389.0	C	0414	J5XJ	BUNGO REEFER	WKG WNU	FWB-NJ
8390.0	C	0045	ELCI 6	M/T PROTEUS	WKG SVD	FWB-NJ
8404.0	C	2328	BQHC	M/V JINSHANHAI	WKG WCC	FWB-NJ
8404.0	C	2306	DJHC	SINGAPORE VICTORY		FWB-NJ
8404.0	C	2319	UJHC	M/V VASILIIY SHELGUNOV	WKG FFL	FWB-NJ
8405.0	C	0326	PPLP	DOCEVIRGO	WKG PPR	FWB-NJ
8405.0	C	0434	SYIW	M/V GOLDEN EVAGELISTRA	WKG WCC	FWR-NJ
8409.0	C	2233	ENGS	RTM AKHUN		FWB-NJ
8426.0	C	0124	S6AL	SINGAPACIFIC	WKG WCC	FWB-NJ
8433.0	C	0406	OUKV	TUNISIAN REEFER	WKG WNU 33	FWB-NJ
8879.0	U			MAURITIUS	WKG NAIROBI	JCH-MD
12495.5	R	1200	UERZ	TH J. GAGARIN	WKG ODESSA	RMA-IA
12503.5	R		ELEU 8	OSCO BEDUIN	WKG WLO	JCH-MD
12512.0	R	1504	UZCT	TH ZVENIGOROD	WKG UHV	FB -FG
12519.0	R			EGIY BALEARES	WKG GKB 5	JCH-MD
12519.0	R	1401		RTMS 7505	WKG UFL	FB -FG
12522.5	R		UKQC	TR OTTO GROTEWOL	WKG UMN	FB -FG
12524.0	R	1400	LUITB		RYG TO UJY	FB -FG
12524.5	R	1349	UOXO	TK TALSJ	WKG UDH	FB -FG
12525.0	R	1450	UOXX	TK TESIS	WKG UAT	FB -FG
12540.0	C	1322	UKXI		CLG FFL	FB -FG
12543.0	C	1437	ATLP	JAG SHAKTI	CLG UNID MARCO	FB -FG
12545.4	C	1333	DZET	EASTERN SATELLITE	CLG GKB	FB -FG
12546.6	C	1439	ELCR 2		CLG LGB	FB -FG
13145.0	U	2215		SUN VIKING	P/P VIA WOM	WRB-IN
13522.5	R	1509	ULFD	TH OKT. REVOLYOTSIYA	WKG UFB	FB -FG
16700.0	R	2318	UYVS	NIS AKADEMIK ALEKSANDR	WKG NOVOROSSISK	RMA-IA
16722.0	C	1927	3EFK	EXPLORER	AMVER TO NMC	FWB-NJ
16722.0	C	1435	ABEE	M/S DLGATOPIC	WKG OST	FWB-NJ

PAKI 13342.0	U	1120	ARA	KARACHI	AERO	WKG 787	PAC-UK
PHIL 12908.0	C	2213	DZJ	BULACAN	MARCO	CQ MARKER	RWK-WA
PRC 10000.0	C	2330	BPM	XI'AN	SFTS	ID UNDER WWV	RR -MS
SING 4322.0	C	1209	9VG	SINGAPORE	MARCO	V MARKER	AL -MA
SING 6340.5	C	1016	9VG	SINGAPORE	MARCO	CQ MARKER	RWK-WA
SING 6411.5	C	1025	9VG	SINGAPORE	MARCO	CQ MARKER	RWK-WA
TWN 8631.3	C	1557	XSW	KAOSIUNG	MARCO	CQ MARKER	PF -CA

\*\*\* PACIFIC \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
AUST	6428.0	C	0840	VIX	CANBERRA	MARCO	V MARKER	RWK-WA
AUST	8867.0	U		VZSY	SYDNEY	AERO	WKG QANTAS 46	JCH-MD
AUST	12000.0	A	2150	VNG	LYNDHURST	SFTS	TIME SIGNALS	BS -AR
AUST	13075.0	C	0823	VIP	PERTH	MARCO	CQ MARKER	RWK-WA
FIJI	8867.0	U		3DN	NANDI	AERO	WKG AUSSIE 381	JCH-MD
GUAM	12746.0	C	0652	NRV	APRA HARBOUR	USCG	CQ MARKER	RR -MS
HI	5547.0	U	0533	KUA	HONOLULU	AERO	WKG UNITED 002	AHP-NM
HI	13201.0	U		AGA 2	HICKAM	USAF	CODED MSGS	JCH-MD
HI	13201.0	U	0140	AGA 2	HICKAM	USAF	WKG MAC 60147	RR -MS
HI	13282.0	U		0133	KVM 70	HONOLULU	VOLMET WX	RR -MS
HI	13655.0	C	0127	NMO	HONOLULU	USCG	WX	RR -MS
NCAL	6330.5	C	1039	FJP 6	NOUMEA	MARCO	CQ MARKER	RWK-WA
NCAL	8658.0	C	0814	FUJ	NOUMEA	NAVRAD	V MARKER	RWK-WA
NZEL	8503.7	C	1800	ZLB 4	AWARUA	MARCO	CQ MARKER	RMA-FR
NZEL	8828.0	U	1220		AUCKLAND	AERO	MERRY CHRISTMAS MSG	NRC-MA
NZEL	8828.0	U	0750		AUCKLAND	AERO	WX	H66-HI
NZEL	8867.0	U			AUCKLAND	AERO	WKG QANTAS 11	JCH-MD

\*\*\* RTTY \*\*\*

FREQ	TIME	BD-SHIFT	CALL	CITY	IDENT	CNTRY	TRAFFIC	CONTRB
1919.5	1738	ARQ	PCH	SCEVENINGEN	MARCO	HOLL	WKG PACIFIC PRINCESS	RMA-FR
3196.1	0330	50-425N	OLB 25	PRAGUE	METEO	CZEC	CODED & CZEC WEATHER	GS -MA
3602.5	2200	50R	STK	KHARTOUM	AERO	SUDN		RMA-FR
4001.4	0222		HZJ	JEDDAH	AERO	SAUD	RRS	AL -MA
4004.5	0900	50-850R	LRO 2	BUENOS AIRES	TELAM	ARGN	SS NEWS	RMA-IA
4271.0		100-850	CFH	HALIFAX	CANMIL	CAN	WX	JCH-MD
4271.0	0204	75-425R	CFH	HALIFAX	CANMIL	CAN	WX	KR -FL
4279.0		100-850	72JKL	MADRID	NAVRAD	SPAN	WKG 78EAL	JCH-MD
4316.0	0928	75-850R	NMG	NEW ORLEANS	USCG	USA	TFC	RMA-IA
4510.0	0302	50-425R	96C	ACCRA	AERO	GHAN	RRS	KR -FL
4583.1	2230	50-425R	DDK 2	HAMBURG	METEO	FRG	METEO	GS -MA
4764.0	0403	50-850R	CCS	SANTIAGO	NAVRAD	CHIL	RRS	JEB-CA
5424.0	0445	50-350N	6VU	DAKAR	ASECNA	SENE	RRS	RR -MS
5612.0	2156	50-425	SUC	CAIRO	AERO	EGPT	DE MARKER	PAC-UK
5925.0	0124	75-850N	WBR 70	MIAMI	METEO	USA	WEATHER	KR -FL
6276.2	1725	75-850N	74EBP	HALIFAX	NAVRAD	SAPN	CLG 78CFJ	RMA-FR
6330.4	0540	75-850R	CFH	HALIFAX	CANMIL	CAN	CE WX	GWA-WA
6795.0	0534	50-425R	LZM 7	SOFIA	METEO	BUL	METEO	RR -MS
6965.0	2250	50-425N	RFLIA	FT DE FRANCE	NAVRAD	MART	WX	RR -MS
7442.0	0212	75-425R		MONROVIA	USIA	LIBE	FF NEWS	KR -FL
7756.2	0155	75-850N	WFB 37	NEW YORK	ITT	USA	FOXES, 10 COUNT	KR -FL
7946.5	1830		DHJ 51	GRENGEL	METEO	FRG	METEO	RMA-FR
7954.5	0211	75-800R	LRN 85	BUENOS AIRES	DYN	ARGN	SS NEWS	GWA-WA
8085.2	0130	50-425N	RVL 21	KHABAROVSK	METEO	USSR	METEO WX	GWA-WA
8454.2	1812		UJY	KALININGRAD	MARCO	USSR		RMA-FR
8707.0	2335	FEC	WLO	MOBILE	MARCO	USA	WX	GWA-WA
8707.5	1705	ARQ	UAT	MOSCOW	MARCO	USSR	NEWS	RMA-FR
8710.8	1810	ARQ	OST	OOSTENDE	MARCO	BELG	'MAIL BOX'	RMA-FR
8715.0	2342	ARQ	WCC	CHATHAM	MARCO	USA	AP NEWS	GWA-WA
8716.6	1100	ARQ	DCF	NORDEICH	MARCO	FRG	WKG DBFP	RMA-FR
9217.0	0203	50-425N	SUA	NAMERY	ASECNA	NIGR	DE MARKER	KR -FL
9252.2	0330	50-350N	ELRB	MONROVIA	AERO	LIBE	RRS	RR -MS
9846.0	0315	50-425N	TUH	ABIDJAN	ASECNA	IVRY	RRS	RR -MS
10137.1	0257	50-575N	TNL 96	BRAZZAVILLE	METEO	CONG	RRS	RR -MS
10536.3	0039	75-850R	CFH	HALIFAX	CANMIL	CAN	FREQ LIST, WX	FW -FL
10640.0	1630	50-425R		KINSHASA	AZAP	ZIRE	FF NEWS	FB -FG
10726.0	1100	75-425N	P6Z	PARIS	MFA	FRAN	SL GRPS TO H6L	RR -MS
10805.0	0235	50-425N		BUENOS AIRES	NA	ARGN	SS NEWS	RR -MS
10880.0	0224	75-425R	5LA 10	MONROVIA	USIA	LIBE	FF NEWS	RR -MS
11000.0	2340	50-250N		DAKAR	PANA	SENE	FF NEWS INTO EE NEWS	JEB-CA
11013.0	0216	75-850R		BUENOS AIRES	DYN	ARGN	SS NEWS	RR -MS
11677.5	1652	50-425R	TJK	DOULA	ASECNA	CAME	RRS	FB -FG
13665.2	2140	50-425N	6VY 41	DAKAR	AERO	SENE	METEO	GWA-WA
13779.0	2318	50-425R	BCA 95	SHANGHAI	PTT	PRC	RRS	JEB-CA
13822.3	1625	50R	SOI 219	WARSAW	PAP	POL	EE NEWS	RMA-FR
13963.0	0040	50-850R	JMI 3	TOYO	METEO	JPN	METEO	RR -MS
13998.0	1836	50-425N	FTN	PARIS	DIPLO	FRAN	FF NEWS	FW -FL
13998.0	1805	50-425N	FTN 99	PARIS	DIPLO	FRAN	EE NEWS	RR -MS
14363.0	1453	75-425N		SOFIA	MFA	BUL	TFC TO EMBASSIES	FB -FG
14392.5	1555	75-850R	AGA7ZW	ZWEIBRUCKEN	USAF	FRG	MSG6 TO AIR	FB -FG
14392.5	1617	75-850R	AIR	ANDREWS	USAF	USA	TFC TO AGA 7ZW	FB -FG
14413.0	1012	100-425R	Y7F 44	DAMASCUS	EMBASY	SYRA	GDR EMB. PRESS REVIEW	FB -FG
14638.0	1938	75-425N	WFK 54	NEW YORK	USIA	USA	EE NEWS	FW -FL
14776.8	1550	50-850R	SUC 66	CAIRO	AERO	EGPT	WKG QATAR, AMMAN	RMA-IA
14875.3	1910	50-850N	WFE 34	NEW YORK	ITT	USA	FOXES	FW -FL
14901.0	1630	50-425N	CLN 451	BAUTA	TASS	CUBA	RRS DE	RMA-IA
20471.5	2014	75-850R	CXR	MONTEVIDEO	NAVRAD	URGY	RRS/FOXES	RR -MS
20560.2	1635	50-425R		TRIPOLI	LYBA	EE NEWS		RR -MS

EIRE	2182.0	U	0830	EJK	VALENTIA	MARCO	WX	ES -MA
ENG	2697.0	O	0507	BLD 3	LAND 'S END	MARCO	ID	POC-NH
ENG	6428.5	O	0112	GKD	FORTISHEAD	MARCO	DE MARKER	NRC-MA
ENG	8545.6	O	2320	GKA	FORTISHEAD	MARCO	WKG GOLDEN FLEECE	RMA-FR
ENG	11142.0	C	1636	KRH	LONDON	EMBASY	GRA MARKER	POC-NH
FIN	14923.6	O	1935	DFJ 50	HELSINKI	MARCO	ID	POC-NH
FRAN	4350.0	C	0047	HWN	PARIS	NAVRAID	V MARKER	RWK-WA
FRAN	6422.0	C	0030	FFL 3	ST. LYS	MARCO	CQ MARKER	RWK-WA
FRAN	7727.5	C	2301	FDY	ORLEANS	FAF	DE MARKER	RR -MS
FRAN	8522.0	C	2350	FFL 4	ST. LYS	MARCO	CQ MARKER	RWK-WA
FRAN	12912.0	C	2216	FFL 6	ST. LYS	MARCO	V MARKER	RWK-WA
FRAN	13178.3	C	1827	FFL 61	ST. LYS	MARCO	VOICE MARKER	RR -MS
FRG	4565.0	U	0308		HOLZKIRCHEN	FEEDER	R. LIBERTY FEEDER RR SVC	RR -MS
FRG	5125.0	U	0609		HOLZKIRCHEN	FEEDER	RFE POLISH SVC FEEDER	RR -MS
FRG	5690.0	U	2117	DHM 95	LAHR	AFB	AVIATION WX	JG -NY
FRG	8671.4	C	2040	DAF	NORRDEICH	MARCO	V MARKER	EZ -ME
GDR	4233.5	C	2334	Y5M	RUGEN	MARCO	WKG YSKV	RR -MS
GDR	4233.5	C	0136	Y5M	RUGEN	MARCO	V MARKER	KR -FL
GDR	8585.0	C	1444	Y5M	RUGEN	MARCO	DE MARKER	DS -CA
GREE	4223.0	O	0432	SVD	ATHENS	MARCO	DE MARKER	RR -MS
GREE	4327.0	O	0227	SVF	ATHENS	MARCO	DE MARKER	KR -FL
GREE	4623.0	O	0553	NGR	KATO SOLI	USN	CQ MARKER	RR -MS
GREE	8536.5	O	0149	SVF	ATHENS	MARCO	DE MARKER	KR -FL
GREE	8687.0	O	1748	SVA	ATHENS	MARCO	DE MARKER	NRC-MA
GREE	14964.0	C	1030	SVL	AMNOS	MARCO	DE MARKER	RMA-FR
GREE	14981.5	C	1035	SVG	ATHENS	MARCO	DE MARKER	RWK-WA
HOLL	6490.0	C	2353	PJC	WILLEMSTAD	MARCO	CQ MARKER	RWK-WA
HOLL	8695.0	C	2349	PJC	WILLEMSTAD	MARCO	CQ MARKER	RWK-WA
NOR	2880.0	C	0450	L6X	ROGALAND	MARCO	'LGX TLX'	POC-NH
PORT	6389.0	C	0034	CTP	QEIARAS	NATO	V MARKER	NRC-MA
SPAN	6930.0	C	1714	EBA	MADRID	NAVRAID	CQ MARKER	FB -FG
SPAN	8447.0	C	2115	EAL 78	LAS PALMAS	MARCO	DE MARKER	EZ -ME
SPAN	8618.0	C	0116	EDZ 4	ARANJUEZ	MARCO	CQ MARKER	NRC-MA
SPAN	8618.3	C	1758	EDZ 4	ARANJUEZ	MARCO	CQ MARKER	EZ -ME
USSR	5004.0	C	1518	RID	IRKUTSK	SFTS	ID & TIME SIGNALS	JEB-CA
USSR	8550.0	C	2234	UGA 4	KIEV	MARCO	GSX MARKER	KR -FL

\*\*\* AFRICA/MIDDLE EAST \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
ALGE	6415.0	O	1947	7TA	EL DJAZA'IR	MARCO	CQ MARKER	AL -MA
ANGO	6369.0	C	0018	DSE 41	LUANDA	MARCO	CQ MARKER	NRC-MA
ANGO	12025.0	O	2228	DSE 41	LUANDA	MARCO	CQ MARKER	RWK-WA
BRAN	5655.0	U	2305		BAHRAIN	AERO	CHECKING WITH CAIRO	PAC-UK
DJIB	8682.0	C	1455	J7A 8	DJIBOUTI	MARCO	CQ MARKER	DS -CA
DJIB	8682.0	C	1356	J2A 8	DJIBOUTI	MARCO	CQ MARKER	RR -MS
EGPT	5658.0	U	2307	SUC	CAIRO	AERO	WKG KHARTOUM	JG -NY
IRAQ	14412.0	C	1258	Y7F 47	BAGHDAD	EMBASY	GDR EMB. V MARKER	FB -FG
ISRL	4238.0	C	0226	4X0	HAIFA	MARCO	CQ MARKER	WOD-PA
ISRL	4238.0	C	0432	4X0	HAIFA	MARCO	CQ MARKER	RR -MS
ISRL	4238.0	C	0142	4X0	HAIFA	MARCO	CQ MARKER	KR -FL
ISRL	4241.4	C	0145	4XZ	HAIFA	NAVRAID	V MARKER	KR -FL
ISRL	6380.0	C	0052	4XZ	HAIFA	NAVRAID	V MARKER	RWK-WA
KEN	13065.0	C	1524	SZF 3	NAIROBI	MARCO	V MARKER	PAC-UK
LEB	13330.0	U	1305		BEIRUT	AERO	R/C W/HC ON GROUND	PAC-UK
LIBE	11474.0	C	2024	KKN 44	MONROVIA	EMBASY	GRA MARKER	POC-NH
LYBA	5658.0	U	2216		TRIPOLI	AERO	WKG KHARTOUM AERO	JG -NY
MORO	8685.7	C	1715	CNP	CASABLANCA	MARCO	CQ MARKER	RMA-FR
MURCI	11167.7	U	1645	STA 17	NOUADHIBOU	SNIM	FF TFC TO PARIS	FB -FG
NIGE	8993.0	U	1648		NIAMEY	AERO	CLG 279	PAC-UK
NIGR	8903.0	U	1653	SNK	KANO	AERO	WKG AIR INDIA 212	PAC-UK
QATR	4231.0	C	2354	A7D	DOHA	MARCO	DE MARKER	PAC-UK
QATR	14680.0	C	1020	A7D	DOHA	MARCO	DE MARKER	RMA-FR
REUN	4332.0	C	2341	FUX	SAINT DENIS	NAVRAID	V MARKER	RR -MS
REUN	8475.3	C	1810	FUX	SAINT DENIS	NAVRAID	V MARKER	RMA-FR
REUN	13215.5	C	1827	FUX	SAINT DENIS	NAVRAID	V MARKER	RR -MS
SENE	16951.5	C	1015	6MW	DAKAR	NAVRAID	V MARKER	RMA-FR
SOAF	5000.0	A	0305	ZUD	PRETORIA	SFTS	ID/TIME SIGS 5 MIN CYCLE	RSR-ON
SOAF	6336.8	C	0011	ZRH	CAPETOWN	NAVRAID	DE MARKER	NRC-MA
SOAF	6338.0	C	0021	ZRH	CAPETOWN	NAVRAID	DE MARKER	RWK-WA
SOAF	6338.5	C	0052	ZRQ	SIMONSTOWN	NAVRAID	V MARKER	NRC-MA
SOAF	6340.0	C	2341	ZRQ	SIMONSTOWN	NAVRAID	V MARKER	RWK-WA
SOAF	6385.0	C	0129	ZSJ 4	CAPETOWN	NAVRAID	CQ MARKER	RWK-WA
SOAF	6428.0	C	1032	ZSJ 4	CAPETOWN	NAVRAID	V MARKER	RWK-WA
SOAF	8565.0	C	2354	ZSJ 4	CAPETOWN	NAVRAID	CQ MARKER	RWK-WA
SOAF	12962.2	C	0651	ZRH	CAPETOWN	NAVRAID	DE MARKER	RR -MS
SUPD	5658.0	U	0138	STK	KHARTOUM	AERO	WKG CAIRO	JDW-FL
TURK	4259.8	C	0434	TBA	ANKARA	NAVRAID	V MARKER	RR -MS
YEMN	5658.0	U	1230		ADEN	AERO	WKG KUWAITI 731	JG -NY
YEMN	8441.3	C	2645	70A	ADEN	MARCO	DE MARKER	RMA-FR
YEMN	11300.0	U	1008		SANAA	AERO	CLG JEDDAH	PAC-UK
ZIRE	8445.0	C	2112	9PA	BANANA	MARCO	MANUAL CQ & QRZ	PAC-UK

\*\*\* ASIA/FAR EAST \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
COCO	10066.0	U	1047			AERO	WKG MAC 60191	HGG-HI
INDI	3467.0	U	0610		BOMBAY	AERO	WKG SINGAPORE 32	PAC-UK
JAPAN	5000.0	C	0229	JJY	TOKYO	SFTS	CW ID/'1530'/JJY VOICE ID	RR -MS
JAPAN	6468.5	C	1034	JCX	NAHA	MARCO	CQ MARKER	RWK-WA
JAPAN	7662.0	C	1432	KWL 90	TOKYO	EMBASY	GRA MARKER	RR -MS
JAPAN	13055.0	C	2330	JDC	CHOSI	MARCO	CQ MARKER	BJ -TX
MLAY	12784.0	C	2355	9MB 4	BAYAN LEPAS	NAVRAID	V MARKER	RWK-WA
NOKO	13581.4	C	2329	HMF 36	PYONGYANG	KCNA	CQ MARKER	RR -MS

USA	5696.0	U	1645	NMY	41	SHINNECOCK	USCG	WKG CG 1490	JPC-NJ
USA	5696.0	U	0301	NOR		SAN DIEGO	USCG	WKG CG HELO 1471	AL -MA
USA	6218.6	U	1322	WRI		JACKSON	MARCO	WKG GILDA SHURDEN	RM -IL
USA	6221.0	U	1340	WHS		JACKSONVILLE	MARCO	WKG TUG GAUNTLET	RR -IL
USA	6221.6	U	1623	KBB	659	VICKSBURG	MARCO	WKG JOHN C. BIRD	AHP-NM
USA	6351.5	C	0255	WMH		LAFAYETTE	MARCO		RR -MS
USA	6369.0	C	0141	KLC		BALTIMORE	MARCO	V MARKER	PAT-CA
USA	6411.5	C	0056	WDE		GALVESTON	MARCO	CQ MARKER	WOD-PA
USA	6416.0	C	0243	WLO	2	LANTANA	MARCO	V MARKER	NRC-MA
USA	6446.0	C	0455	WLO	2	MOBILE	MARCO	DE MARKER	WOD-PA
USA	6506.4	U	0057	NMN		PORTSMOUTH	USCG	CQ MARKER	LT -SD
USA	6506.4	U	0043	NMA		MIAMI	USCG	WKG MARIPOSA	KR -FL
USA	6515.7	U	2008	WCM		WITHAMSVILLE	MARCO	CYK COURAGEOUS	KR -FL
USA	6751.0	U	0439			MACDILL	USAF	CITY LIST	POC-NH
USA	6875.0	U	0326			JACKSONVILLE	FEEDER	OM W/ SKYKING MSG	PK -IL
USA	8294.1	U	0808	WFE		SCOTT	MARCO	VOA EE FEEDER FOR AFRICA	PK -IL
USA	8294.2	U	1643	WRD	691	JACKSONVILLE	MARCO	WKG TUG PIONEER	RM -IL
USA	8363.6	C	0907	NMC		TAMPA	MARCO	WKG ALUTIAN COMMAND	RM -IL
USA	8615.5	C	0047	WPD		SAN FRANCISCO	USCG	CQ MARKER	RMA-IA
USA	8615.0	C	2344	WPD		TAMPA	MARCO	CQ MARKER	PAT-CA
USA	8706.0	C	0028	KFS		TAMPA	MARCO	V MARKER	RWK-WA
USA	8728.2	U	2350	KMI		SAN FRANCISCO	MARCO	V MARKER	NRC-MA
USA	8762.3	U	0014	WOD		DIXON	MARCO	P/P W/FAIRSKY	RWK-WA
USA	8790.2	U	2115	WLO		OCEAN GATE	MARCO	P/P W/NORWAY	KR -FL
USA	8989.0	U	0105	AFI		MOBILE	MARCO	RADIO CHECK	JDW-FL
USA	9610.4	C	2050	WMH		MCCLELLAN	USAF	WKG JAKE 51	JPC-NJ
USA	11239.0	U	0206	AFI	2	BALTIMORE	MARCO	V MARKER	EZ -ME
USA	11249.0	U	1730	AFI	3	MCCLELLAN	USAF	WX	RR -MS
USA	12429.2	U	1908	WKC		ANDREWS	USAF	WKG AIR FORCE 1	ES -MA
USA	12429.2	U	1826	WHW	248	TAMPA	MARCO	CLG M/V TONGA	RM -IL
USA	12429.2	U	1230	WRF		HOUSTON	MARCO	WKG BULLFIGHTER	RM -IL
USA	12432.3	U	2119	WRV		ELIZABETH	MARCO	WKG SS SAN PEDRO	RM -IL
USA	12432.3	U	2114	WEJ		PORT RICHMOND	MARCO	WKG JOE MORGAN	RM -IL
USA	12432.3	U	1844	KUZ	523	MIAMI	MARCO	WKG TAMPICO	RM -IL
USA	12879.5	C	1258	WSC		MIAMI	MARCO	WKG AMBASSADOR	RM -IL
USA	13330.0	U	1330			TUCKERTON	MARCO	CQ MARKER	PAC-UK
USA	14469.5	C	1912	KNY	23	HOUSTON	AERO	PASSING GENEVA WX	PAC-UK
USA	14687.1	U	2002	KUF	773	WASHINGTON	EMBASY	CLG OMZ	RR -MS
USA	16589.1	C	2148	NMC		MARCUS HOOK	MARCO	WKG TROPIC SUN	RM -IL
USA	16880.9	C	2148	NMC		SAN FRANCISCO	USCG	CQ MARKER	RR -MS
USA	17016.5	C	2151	KPH		SAN FRANCISCO	MARCO	V MARKER	KR -FL
USA	17021.8	C	0159	WLO		MOBILE	MARCO	CQ MARKER	FW -FL
USA	17204.5	C	0218	WLO		MOBILE	MARCO	DE MARKER	FW -FL
USA	17236.0	U	2101	KMI		DIXON	MARCO	TFC	FW -FL

\*\*\* CENTRAL AMERICA \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
PANA	4275.0	C	0909	HPP	PANAMA INTELMA	MARCO	CQ MARKER	PAC-UK
PANA	4275.0	C	0211	HPP	PANAMA INTELMA	MARCO	TFC LIST	KR -FL
PANA	6479.0	C	0145	HPP	PANAMA INTELMA	MARCO	CQ MARKER	NRC-MA
PANA	11176.0	U	1850	AFH 3	ALBROOK	USAF	WX	RR -MS
PANA	15015.0	U	2050	AHF 3	ALBROOK	USAF	WX	RSR-ON
PANA	16869.0	C	2147	HPP	PANAMA INTELMA	MARCO	CQ MARKER	RR -MS
PANA	18019.0	U	2022	AHF	ALBROOK	USAF	WEATHER	KR -FL

\*\*\* CARIBBEAN \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
BARB	16947.6	C	1919	8PO	BRIDGETOWN	MARCO	DE MARKER	POC-NH
CUBA	8496.0	C	1635	CLA	HAVANA	MARCO	CQ MARKER	DB -AR
CUBA	11114.0	C	1500	CMU 967	SANTIAGO	NAVRAD	CLG RMPV	RMA-IA
CUBA	12792.0	C	0152	CLA	HAVANA	MARCO	CQ MARKER	RR -MS
CUBA	13986.0	C	2305	CLP 1	HAVANA	MFA	CLG CLP 16	RR -MS
CUBA	22357.5	C	1705	CLA	HAVANA	MARCO	CQ MARKER	FW -FL
JAM	8465.0	U	2118	6YI	KINGSTON	MARCO	CQ MARKER	PAC-UK
MART	22390.0	C	1152	FUF	FT DE FRANCE	NAVRAD	V MARKER	FW -FL
PR	5696.0	U	0533	NMR 26	BORINQUEN	USCG	CLG CG 2139	POC-NH
TRIN	8441.0	C	2130	9YL	NORTH POST	MARCO	V MARKER	PAC-UK

\*\*\* SOUTH AMERICA \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
ARGN	8646.0	C	0200	LPD 44	GEN. PACHECO	MARCO	V MARKER	KR -FL
ARGN	13715.0	U	0115	LUB	BUENOS AIRES	AF	TFC 5KM	RR -MS
ARGN	15780.0	C	2223			FEEDER R	RIVADAVIA ID @ 2225	FEB-CA
ARGN	17190.8	C	2048	LSA	BOCA	MARCO	V MARKER	FW -FL
BR7L	12958.4	C	0148	PPO	OLINDA	MARCO	V MARKER	RR -MS
CHIL	9968.5	C	0308	CCS	SANTIAGO	NAVRAD	V MARKER	RR -MS
ECUA	7600.0	A	0742	HD 210A	OLINDA	MARCO	V MARKER	FW -FL
SURI	16956.0	C	1740	PZN	PARAMARIBO	MARCO	CQ MARKER	NRC-MA
URGY	8602.0	C	0112	CWA	CERRITO	MARCO	CQ MARKER	NRC-MA
VENE	6100.0	A	0709	VVTO	CARACA	SFTS	TIME SIGNALS	BS -AR

\*\*\*EUROPE \*\*\*

CNTRY	FREQ	M	TIME	CALL	CITY	IDENT	TRAFFIC	CONTRB
AZOR	4292.0	C	2340	CUG 23	PONTA DELGADA	MARCO	CLG CUFL	RR -MS
BUL	4220.0	C	0431	LZW	VARNA	MARCO	DE MARKER	RR -MS
BUL	4220.0	C	0035	LZW	VARNA	MARCO	DE MARKER	RSR-ON
BUL	14363.0	C	1035	DOR	SOFIA	MFA	BUL NX TO EMBASSIES	FB -FG
CYPR	2700.0	U	0318	SBA	NICOSIA	MARCO	VOIX MARKER	AL -MA
CYPR	11255.0	C	2056	KWS 78	NICOSIA	EMBASY	QRA MARKER	POC-NH
DEN	12916.0	C	2219	OXZ 6	LYNGBY	MARCO	CQ MARKER	RWK-WA





/ECUADOR/ HCJB: 6095 f/d "Taxis" cd. in 52 ds. (Soomre-MA). 9870 f/d "Bus" cd. in 30 ds. (Keenan-CA). same in 30 ds. w/ sked. & calendar for ms. (Keenan-CA). f/d "727" cd. in 24 ds. for an irc. (Brown-IL)... Edward tells us that next years ('86) cds will be about birds... "Truck" cd. in 24 ds. for an irc. (Brown-IL). 2 cds. w/ sked. and calendar in 35 ds. for 2 irc's. (Westenhaver-PQ). same in 41 ds. (Lemke-AB). 17790 f/d cds. in 75 ds. for .44¢ ms. (Adams-MA). same in 24 ds. for an irc (Brown-IL). SPEEDX Report via HCJB: 6230 f/d "Logo" cd. in 6 ds. for ms. V/S David Sharp. (Forsgren-WI).

/FALKLAND ISLANDS/ FIBS: 3958 f/d cd. #352 w/ station history notes in 9 wks. for 3 irc's. (Leite-MA).

/FRENCH GUIANA/ RFI Relay: 9800 via Montsinery f/d "Transmitter" cd. in 51 ds. (Beaudoin-CT).

/PERU/ Radio Ancash: 4990 f/d ltr. w/ postcard in 30 ds. for ms. V/S Armando Moreno Romero. (Yeager-PA).

/VENEZUELA/ Radio Rumbos: 4970 f/d cd. in 64 ds. for a SS rpt. and 2 irc's. (Shamblin-AR).

#### CLANDESTINES & PIRATES

La Voz del CID: 4980 via Ecos del Torbes, f/d certificate in 530 ds. for a SS rpt. and ms. Sent to Chicago and received from Costa Rica. (MD-Dillon)... Peter had already received a QSL for this one in '84, so this makes 2 QSL's for 1 report!!

Radio Clandestine: 7355 f/d ltr. in 78 ds. for ms. V/S R.F. Burns. (OH-Weber).

**SPEEDX**  
**SPEEDX the dx radio club for  
active shortwave listeners**

**"QSL"**

Here is what the QSL from David Sharp looks like. To get one, just send David a reception report of "The SPEEDX Report" along with return postage.

Just received some distressing news from the local Post Office; the cost of IRCs' has gone up, supposedly to .80¢...more cost to QSLers'.



760 KHZ ONDA MEDIA 4.920 KHZ ONDA CORTA

Now for some good news! For all of you who collect pennants, the Voice of Free China has two new ones just for the asking. Not too bad looking either!!

Once again, I would like to ask you to send in good clear copies of your QSLs! and such for this column. Thanks!!  
73's & best of DX,

*Ray*

/CANADA/ CKZN: 6160 f/d cd. in 55 ds. for an irc.V/S D. Uttaro. (OH-Weber). CKZU: 6160 f/d "CBC Centre" cd. in 16 ds. for an irc.V/S D.J. Horner. (Keenan-CA).

/CUBA/ Radio Havana: 6090 f/d "Spearfishing" cd. w/ sked. in 115 ds (Brown-IL). 17885 f/d cd. in 90 ds. (Weyrich-MD).

/HONDURAS/ HRVC: 4820 p/d "Silver Wedding" cd. w/ ltr. in 21 ds. for an irc.V/S R.M. Figueroa. (George-MA). same in 61 ds. (Coday-CA). same in 356 ds. w/ ltr. and pennant for 3 irc's. (Thim-CT).

/NETHERLAND ANTILLES/ Radio Nederland: 9665 f/d "Flevo" cd. in 32 ds. (Brown-IL). 9590 cd. in 20 ds. (Brown-IL). 17605 cd. in 23 ds. (Brown-IL). T.W.R.: 9535 f/d "Underwater Beauty" cd. w/ goodies in 33 ds. for 2 irc's. V/S Sally Rork. (Brown-IL). 11815 same cd. in 3 wks. (Bowden-CA).

/UNITED STATES/ VoA: 9455 via Dixon f/d cd. in 3 wks. (Weyrich-MD). 9650 via Greenville cd. in 18 ds. (Brown-IL). 9670 via Greenville cd. in 22 ds. (Brown-IL). 9760 f/d cd. in 3 wks. (Bowden-CA). AFRTS: 11805 via Delano/Dixon f/d "Armed Forces Seal" cd. in 13 ds. (Weyrich-MD). VoPC via WYFR: 5985 f/d "Ox" cd. in 19 ds. (Ruhe-PA). same in 35 ds. (Brown-IL). 11805 same in 23 ds. w/ sked. (Levison-PA). WRNO: 7355 n/d "Worlds' Fair" cd. in 35 ds. for ms. (Brown-IL). 9770 same f/d cd. in 40 ds. w/ ltr. & decal. (Brown-IL). 11705 p/d "DX Club" cd. w/ sked. in 24 ds. for ms. (Lemke-AB). WYFR: 11830 f/d cd. w/ sked. in 40 ds. (Mc Cants-AL). Radio Marti: 6075 f/d "Bust of Jose Marti" cd. in 7 mo. for a SS rpt. (CA-Bowden). same in 6 mo. for a SS rpt. (Bowden-CA). KCBI: 11790 f/d cd. in 37 ds. for ms. (Hosmer-MI). 11905 f/d "Texas to the World" cd. in 8 ds. for an irc. (Thim-CT). same in 11 ds. for 2 Canadian ms. (Lemke-AB). KGEI: 6010 f/d "Frisco Skyline" cd. w/ ltr. in 41 ds for Canadian ms. V/S Alex Kozued. (Lemke-AB).

#### OCEANIA

/AUSTRALIA/ Radio Australia: 6045 f/d "Woodchopping" cd. in 8 wks. (CA-Bowden). 6060, 9580 f/d "Koalas" cd. w/ sticker, skeds. and map in 21 ds. for 2 irc's via S.F. (Westenhaver-PQ). 9580 f/d cd. w/ sked. in 24 ds. (Ruhe-PA). same in 60 ds. (Adams-MA). in 4 wks. (Bowden-CA). 9770, 17795 f/d "Black Swans" cd. in 42 ds. (Gerstner-NY). VLM4: 4920 p/d "Symphony" cd. in 22 ds. for an irc. (Gerstner-NY). VLW9: 9610 f/d "Map" cd. in 28 ds. (Levison-PA). same in 63 ds. for 2 irc's. (Weber-OH).

/MARIANAS ISLANDS/ KTW: 9820 f/d "Outline of Guam" cd. in 5 wks. for a Mandarin rpt. V/S Sandy Sanick. (Bowden-CA). 9870 f/d "Tape Decks" cd. in 21 ds. for ms. (Weber-OH). KFBS: 15135 f/d "Map" cd. w/ sked. in 28 ds. (Shimada-JAPAN). KYOI: 15405 f/d "Bird" cd. in 24 ds. for ms. V/S Alex U. Igisaiar. (Gerstner-NY). . . . as per Bob Thunbergs' A/O column from Jan., this station is having difficulties, so if you've yet to get them verified, you'd better hurry! rjf.

/SOLOMON ISLANDS/ SIBC: 5020 f/d "Logo" cd. in 26 ds. for an irc. (MA-George).

#### SOUTH AMERICA

/ARGENTINA/ RAE: 9690 f/d cd. in 44 ds. (Levison-PA).

/BRAZIL/ Radio Bras: 11745 f/d "Cathedral" cd. in 11 ds. V/S Claudia Carneiro. (Vercellino-IL). same in 26 ds. for an irc. V/S Denise Uchoa. (George-MA). f/d "Bahia" cd. in 4 wks. (Bowden-CA). same in 32 ds. w/ sked and rpt form. (Bishop-NY). f/d "Iguacu Falls" cd. in 40 ds. for 2 irc's. (Westenhaver-PQ). in 35 ds. w/ sked. (Ruhe-PA). 11745, 15155 f/d "Brasilia" cd. in 21 ds. (Brown-IL).

/COLOMBIA/ Ondas del Meta: 4885 n/d personal ltr. in 22 ds. after f-up for a SS rpt. and \$1 US. V/S German Castaneda C. (Forsgren-WI). Ondas del Ortuquaza: 4975 f/d pfc w/ sticker in 35 ds. after f-up for a SS rpt. and \$1 US. (Forsgren-WI). Radio Cinco: 5040 f/d pfc w/ ltr. in 20 ds. after f-up for a SS rpt. and \$1 US. V/S Ana Teresa Silva C. (WI-Forsgren). Radio Sutatenza: 5075 f/d ltr. in 76 ds. for a SS rpt. and 2 ircs. V/S Nohora Rodrlgeuz Jimenez. (Weber-OH).

MALTA Radio Mediterranean: 6110 f/d "Map-Logo" cd. in 24 ds. for 2 irc's. (Shamblin-AR). same in 60 ds. w/ booklet. (Adams-MA). in 83 ds. for 3 irc's. (Weber-OH). IBRA Radio: 6110 f/d "CN Tower" cd. w/ goodies in 38 ds. for ms. (Gerstner-NY). same in 37 ds. for \$1 US. V/S Margie Imler (Weber-OH)... Don states that the Can. maildrop is fast, but confused, as all of the details on his card were wrong!!?!

MONACO TWR: 7160 f/d cd. in 22 ds. for 2 irc's. (Weber-OH).

NETHERLANDS Radio Nederland: 6165 f/d "Flevo" cd. in 6 wks. (Bowden-CA). 15560 f/d "National Aerospace Lab" cd. in 30 ds. (Adams-MA).

NORWAY R.N.I.: 11850 p/d "Costumes" cd. in 20 ds. V/S Erling Thokle. (Westenhaver-PQ). same in 4 wks. for a Norwegian rpt. (Bowden-CA). 15305 cd. in 28 ds. (Gerstner-NY).

POLAND Radio Polonia: 7145 f/d cd. w/ sked. and rpt. forms in (?) ds. V/S Zdzislaw Frackiewicz. (Levison-PA). 7270 f/d "LOT" cd. in 26 ds. w/ stickers. (Woering-MA). same in 92 ds. w/ goodies. (Morin-ON).

PORTUGAL Radio Portugal: 15250 f/d two tone cd. w/ sticker in 30 ds. (Grussling-ID). f/d plain white cd. in 30 ds., but had wrong freq. (CA-Coday).

SPAIN R.E.E.: 6125 f/d cd. in 5 wks. (Bowden-CA). 9630 "Castle" cd. in 34 ds. w/ sked. for an irc. (George-MA). same in 43 ds. (Gerstner-NY). in 44 ds w/ sked and rpt form. (Levison-PA). in 52 ds. (Brown-IL). same in (?) ds. (Ruhe-PA). 9650 f/d "Parador Nacional de Siguenza" cd. in 6 wks. (Bowden-CA). 11880 f/d cd. in 44 ds. (Bishop-NY).

SWEDEN R.S.I.: 6075 f/d "MW Station" w/ sked. in 38 ds. (Keenan-CA). 9695 f/d cd. in 19 ds. V/S Kristina Martenson. (Westenhaver-PQ). f/d "Smelt Fishing" cd. in 6 wks. for a Sewdish rpt. V/S Carl Frossmark. (CA-Bowden). 15345 f/d cd. w/ sked. in 10 ds. V/S Oland Staphanson. (Levison-PA). same in 16 ds. (Gerstner-NY).

SWITZERLAND S.R.I.: 6135, 9725, 12030, 15570 n/d "St. Gall" cd. in 40 ds. (Brown-IL). 6135 f/d "Church" cd. in 22 ds. (Weyrich-MD). Red Cross B'casting: 11840 p/d "Globe & Headphones" cd. in 14 ds. (Coday-CA). 15570 same in 20 ds. w/ goodies for 2 irc's. (Westenhaver-PQ).

VATICAN CITY Radio Vaticana: 11845 f/d cd. in 6 wks. (Bowden-CA).

YUGOSLAVIA Radio Yugoslavia: 9620 f/d "Capjina" cd. w/ sked. in 122 ds. (Morin-ON). f/d "Mountains" cd. in 125 ds. for 2 irc's. (Evans-TN).

#### U.S.S.R.

Radio Moscow: 7260 f/d cd. in 48 ds. (Brown-IL). f/d "Peace" cd. in 45 ds. (Soomre-MA). 11710 via Petropavlosk-Kamchatsky cd. in 62 ds. (CA-Zirkelbach). 11840 "Rowing Canal" cd. w/ Christmas card in 42 ds. (PA-Levison). "Bolshoi" cd. in 8 wks. (Bowden-CA). 12050 cd. in 6 wks. (Bowden-CA). 15100, 15540, 15550 cds. w/out sites in 30 ds. (Westenhaver-PQ). 15140 cd. in 6 wks. (Bowden-CA). Radio Kiev: 7175 f/d "Supreme Soviet" cd. in 55 ds. (Brown-IL). 41 mb: "City Centre" cd. in 86 ds. for 1 irc. (George-MA). 9820 f/d "Great belltower" cd. w/ sked. in 85 ds. (Brown-IL). Radio Peace and Progress: 41 mb: date & time cd. in 35 ds. (Coday-CA). Radio Tashkent: 9715 f/d cd. in 65 ds. for 2 irc's. V/S Florida Sabirova. (Weber-OH).

#### NORTH AMERICA

ALASKA KNLS: 6070 f/d "Station-Antenna" cd. w/ sked. in 14 ds for 2.22¢ ms. (Lemke-AB). 7355 f/d "Station Photo" cd. in 15 ds. for ms. (Coday-CA).

ANTIGUA DW Relay: 6040 n/d "B'casting Centre" cd. in 49 ds. (George-MA)

BELIZE Radio Belize: 3285 p/d "Logo" cd. in 30 ds. for 2 irc's. (AR-Shamblin).

/JAPAN/ Radio Japan: 5990 p/d cd. w/ sked. in 3 wks. (Sheedy-CA). same in 4 wks. (Bowden-CA). 9645 cd. in 22 ds. (Bishop-NY). 15420 cd. in 21 ds. (Gerstner-NY).

/KUWAIT/ Radio Kuwait: 11675 f/d cd. in 26 ds. for an irc. (George-MA).

/MALAYSIA/ R. Malaysia-Kota Kinabalu: 4970 p/d "Map" cd. in 70 ds. (CA-Coday).

/SOUTH KOREA/ Radio Korea: 6135 f/d "Asian Games" cd. in 9 wks. for a CC rpt. (Bowden-CA). 7275 cd. in 2 mo. V/S Park Jin. (Bowden-CA). 9870 same in 2 mo. (Bowden-CA). 11810 cd. in 47 ds. w/ sked, rpt form and Christmas cd. (Bishop-NY). in 86 ds. (Bishop-NY). 15575 cd. in 56 ds. (Bishop-NY).

/SRI LANKA/ AWR: f/d cds. in (?) ds. for ms. (Hosmer-MI)...Don says that this cd. is marked "Last QSL for R.M.I.". He got 3 cds., AWR, RMI and RCI Asian Edition. These were received from Adrian P. at his new QTH in Indiana. S.L.B.C.: 15425 f/d "Studio" cd. in 232 ds. for 3 irc's. (Thim-CT)...very, very nice one Bill. Congrats' !! rjf

/TAIWAN/ VoFC: 7130 f/d "Animal Symbol" cd. in 3 wks. for a Mandarin rpt. (Bowden-CA). 7285 same in 8 wks. for a Mandarin rpt. (Bowden-CA).

/TURKEY/ Voice of Turkey: 9560 f/d "Kekoua" cd. w/ sked, stickers and pennant in 78 ds. for 2 irc's. (Brown-IL).

/UNITED ARAB EMIRATES/ U.A.E. Radio: 15320 f/d "Map-Antenna" cd. w/ pennant in 29 ds. V/S K.J. Fenner. (Woering-MA). 17775 same cd. in 33 ds. for an irc. (George-MA).

#### EUROPE

/ALBANIA/ Radio Tirana: 7065 p/d "Revolutionary Spirit" cd. in 104 ds. (Weyrich-MD). 7120 same in 115 ds. For an irc. (George-MA). 7300 cd. in 107 ds. (Shamblin-AR).

/AUSTRIA/ Radio Austria Int.: 6000 f/d "Costume" cds. in 5-7 wks. (CA-Bowden). 9635 2 cds. in 8 wks. (Bowden-CA). f/d cd. w/ Christmas cd. in 59 ds. (Bishop-NY). cd. in 114 ds. w/ sked. and rpt. forms (Zirkelbach-CA). 15320 f/d "Costume" cd. in 67 ds. (Westenhaver-PQ)...William says that this is #5 in a series of 6 cds. One may request these cds. by number. Tnx for this info William. rjf...same in 47 ds. w/ skeds. and sticker. (Brown-IL).

/BELGIUM/ BRT: 5910 f/d "Nude Painting" cd. w/ goodies in 44 ds. (NY-Gerstner). same cd. in 45 ds. (Levison-PA). f/d for, letter in 90 ds. for an irc. (George-MA)...Steve, one has to be a member of this stations' DX Club in order to get QSL cds...rjf...9880 f/d "Kortrijk" cds. in 4-5 wks. (Bowden-CA). 9925 cds. in 4-5 wks. (Bowden-CA). 15590 cds. in 46 ds. (Westenhaver-PQ).

/CZECHOSLOVAKIA/ Radio Prague: 7345 f/d "Wallachian Museum" cd. in 26 ds. (Weyrich-MD). "Russian Tank" cd. in 30 ds. (Levison-PA). same cd. in 33 ds. (Coday-CA).

/FRANCE/ R.F.I.: 6055 f/d "Antennas" cd. w/ sked and pennant in 40 ds. (Ruhe-PA).

/GERMAN DEMOCRATIC REP/ R.B.I.: 6125 f/d "Humboldt University" cd. w/ calendar and sked. in 56 ds. (Brown-IL).

/GREAT BRITAIN/ VoA Wooferton: 6040 f/d cd. in 20 ds. V/S Janet Scadron (Brown-IL).

/GREECE/ VoG: 9420 f/d "Olympic Torch" cd. in 45 ds. after 3 f-ups. (Grussling-ID). f/d "Palaistra from Nord" cd. in 6 wks. for a Greek rpt. (Bowden-CA). 9905 f/d "Monuments" cd. w/ sked. in 6 mo. (Adams-MA). 11645 f/d "Ruins" cd. in 45 ds. (Coday-CA).

...lots more from Europe to come...

# QSL REPORT

EDITOR:

DEADLINE: 12th

RAY FORSGREN  
RT. #4, BOX 213  
CHIPPEWA FALLS, WI.  
54729

Greetings, and welcome to the February edition of QSL Report. This month there was a total of 33 contributors...thanks everyone. We've got a total of 62 countries reported, with some not too often heard from stations...

## AFRICA

CENTRAL AFRICAN REPUBLIC/ RDTV Centrafricaine: 5035 p/d "Map-Logo" cd. in 49 ds. after f-up for a FF rpt. and \$1 US. V/S Michel Bata. (WIForsgren).

EQUATORIAL GUINEA/ Radio Africa: 15106 f/d ltr. after a f-up plus a tape in 21 ds. for ms and 1 irc. V/S Gene Grassie. (Witte-CA).

GABON/ Radio Japan relay: 9570 p/d "50th Anniversary" cd. w/ sticker in 39 ds. (Westenhaver-PQ).

GHANA/ G.B.C.: 4915 f/d "Golden Jubilee" cd. in 58 ds. for 3 irc's. V/S Nick Fevet. (Weber-OH). same in 72 ds. for 2 irc's. (Brown-IL).

LIBERIA/ VoA Relay: 3990, 6035, 7280, 9550, 11835 f/d "Statue of Lib." cd. in 2 wks. (Sheedy-CA). 3980 same cd. in 22 ds. (Coday-CA). 7280 same cd. in 24 ds. V/S Janet Scadron (Brown-IL).

LIBYA/ Radio Jamahiriya: 15450 f/d cd. in 75 ds. via Malta. (Weber-OH).

MALI/ RDTV Malienne: 5995 p/d "Map" cd. in 82 ds. for 2 irc's. (Welch-MA).

MOROCCO/ VoA Tangier: 9870 f/d cd. in 21 ds. V/S Janet Scadron. (IL-Vercellino). 11835 same in 20 ds. (Gerstner-NY)...John says that this was for a special b'cast by the President...

NIGERIA/ Plateau B'casting Corp.: 5965 via Jos f/d form ltr. in 130 ds. for 2 irc's. (Thim-CT).

SENEGAL/ ORTS: 4890 f/d cd. in 30 ds. for an EG/FR rpt. and 3 irc's. (Weber-OH).

SOUTH AFRICA/ Radio RSA: 5980, 6010 f/d "Garden Snails" cd. in 32 ds. (Keenan-CA). 6010 f/d "Landmarks" cd. in 45 ds. V/S Colin Miller (MA-Adams). 9615 f/d cd. in 25 ds. (Brown-IL). SABC: 4880 f/d "Industry" cd. w/ sticker and 2 pennants in 17 ds. (Gerstner-NY).

## ASIA

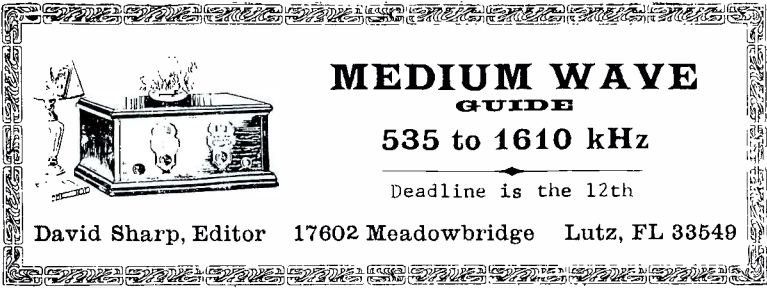
CHINA/ Radio Beijing: 9535 3 f/d cds. in 4 wks. (Bowden-CA). 9550 f/d cds. in from 4-5 wks. (Bowden-CA). 9860 f/d cds. in from 3-4 wks. (CA-Bowden)...Ralph notes that the "Minority Costumes" cd. is especially colorful, this section should be named Ralphs' China!!! rjf

IRAN/ VoIRI: 9022 f/d "Women" cd. in 79 ds. for an irc. (George-MA).

IRAQ/ Radio Baghdad: 9610 date only "Scenes" cd. w/ pennant in 70 ds. for an irc. (George-MA)...this is a BIG card...

ISRAEL/ KOL Israel: 7410 f/d "Logo" cd. in 36 ds. (Bishop-NY). also received were reporting forms and skeds.





# MEDIUM WAVE

GUIDE

535 to 1610 kHz

Deadline is the 12th

David Sharp, Editor 17602 Meadowbridge Lutz, FL 33549

I hope you like our new masthead. Although I had to make a few modifications, I thought it was pretty good. Our thanks to Herb Harnish-IN, for sending this in. Contributions down a bit, so I don't know if we can get in two pages or not.....

- 529.8 R. Rumbo Costa Rica/0121/SS/vocal mx, OM DJ (Hosmer/MARE DXpedition)
- 535 R. Grenada/2257/relay of BBC sx, ID and TC (Hosmer/MARE DXpedition.)
- 555 HIC555 Nicaragua/0403/SS/Excitable OM tx, TC (gd 12-5 Robert Ross.)
- 595 Dominica BC/2350/Mx show w/lcl ads, including auto parts store (free lottery ticket with every \$50 purchased!) (Hosmer/MARE DXpedition)
- 650 HRWV Honduras/0455/SS/Tx and mx, ID, under WSM (gd 12-3 Robert Ross)
- 655 YSS El Salvador/0310/SS/Lengthy OM tx, lcl ments (12-5 Robert Ross)
- 660 KSKY Dallas/2305/Religious pgm & gospel music (fr 12-26 Robert Ross)
- 670 YVLL Caracas Venezuela/0050/SS/ID as "Rumbos." (vg 12-23 Robert Ross)
- 680 RNBR San Francisco/0815/Radio Shack ad, ID (333 1-2 Klopfenstein-OR)
- 690 WAPE Jacksonville FL/2220/Ads, rock mx, OM DJ (gd 12-27 Robert Ross)
- WNZK Westland MI/1425/IT/Ethnic Italian pgm. (gd 12-8 Robert Ross)
- 710 R. Rebelde Cuba/0122/SS/Lively SS pops, YL DJ (vg 12-23 Robert Ross)
- 720 R. Jamaica/0400/Relg pgm, ID as "R. Jamaica." (gd 12-3 Robert Ross)
- HJAN Colombia/0305/SS/Mx and tx, OM DJ, ments of "Barranquilla" and lcl time checks (gd 12-29 Robert Ross-ONTARIO)
- 750 HTA750 Nicaragua/0328/SS/"R. Sandino" ID, coke ad (12-5 Robert Ross)
- 756 CPBS-1 PR China/0945/CC/mx, tx, TP's, ID at 1000; mixing with NHK-Kumamoto (pr-fr 12-31 Ralph Famularo-JAPAN)
- 790 KGHL Billings MT/0811/lcl wx, hwy info, country mx (Klopfenstein-OR)
- 810 HJCY Colombia/0445/SS/ID as "Sutatenza," SS mx. (12-29 Robert Ross.)
- 825 R. Paradise St. Kitts/2337/EE preacher speaking and yelling (he was really into it!) ID at 0000. (Hosmer/MARE DXpedition 12/6.)
- 1000 KOMO Seattle/0800/ABC nx, lcl nx/wx, oldies mx (222 Klopfenstein-OR)
- 1010 CBC Calgary ALB/0745/Comedy show, OM DJ, "Weird Al" Yankovic, Bob-n-Ray, etc. CBC nx at 0756 (433 1-2 Klopfenstein-OR.)
- 1030 WXSS Memphis/0251/Gospel pgm, ads, ID, under WBZ (gd 12-23 Ross-ON)
- 1040 Caracol Ntwk Colombia/0154/SS/Tx by two OM, ments of "CARACOL" (gd 12-23 Ross-ON) Any idea of stn call, Robert? ds.
- 1070 CBA Moncton NB/0205/sx, nx, wx, ID as "CBC maritime." (12-28 Ross-ON)
- 1090 HJOM Colombia/0508/SS/ID as "Radio Bucanero." (fr 12-4 Robert Ross)
- 1100 ZDK Antigua/0215/Ads, promos, ID as "ZDK" and "Magic Radio." (gd 12-28 Robert Ross)
- 1110 WBT Charlotte/2225/Hrd with pgm of popular mx (311 1-4 L. Towle-MD)
- 1120 HICO Dominican Rep./0204/SS/mx, ments of "Santo Domingo," in null of KMOX (gd 12-23 Ross-ON)
- 1170 WWVA Wheeling WV/2213/pgm of popular mx (333 Towle-MD) I thought they had a country format??? ds.
- 1370 WDEF Chattanooga TN/2345/wx, ID, Dixieland mx by Teddie Wilson (322 1-1 Laird Towle-MD)
- 1440 WRRO Warren MI/0040/countdown of 1985 hits (312 1-1 Laird Towle -MD)
- 1490 WMOA Marietta OH/2036/sports promo, ID, mx (gd 12-19 Robert Ross)
- 1530 WCKY Cincinnati/0034/ad for "Cincinnati Magazine" and ID (Towle-MD)
- 1548 Shandong PBS PR China/1259/CC/YL tx, TPs, OM ID, nx, into radio drama (fr-gd 12-15 Ralph Famularo-JAPAN)
- 1560 WQXR New York City/0018/classical mx, PSA (333 1-2 Laird Towle -MD)

That is all for this month. As with DXM, we received a few late loggings, which will be included next month. Remember, we can have a second page IF support warrants. 73s. David.

## 日本レポート

## Japan Report.

Ralph Famularo, Koike Bunka 1F, Shido Azasuenaga 95, Amagasaki-shi 661  
JAPAN

B A N G L A D E S H

6005 1530 Radio Bangladesh: bengali sub-continent mx, IDs, nx, 1545\* (fr-gd, 12/29)

C H I N A (TAIWAN)

6300 2354 WYFR relay: EE Xmas Eve pgm to India w/mx & Indian address (fr, 12/24)

C L A N D E S P I N E

15400 0440 VODemocratic Kampuchea: Cambodian folk songs, YL tlc, SEAsian mx, ID at 0456\* (good, 12/30)

I S R A E L

9435 0102 Kol Israel: EE world nx, ID losing out to co-channel UTE QRM (fr-pr, 12/14)

K A M P U C H E A

11958 \*1200 VOPeople of Kampuchea: EE; tone to s/on w/ mx and OM/YL ID, SEA mx, // 9095, both weak (poor-fair, 12/15)

K C R E A (RePUBLIC)

5835 \*1956 Radio Echo ~! Hope: KK s/on w/ folk mx, OM ID as per WRTH, tlc -- this is Koji Yamada's unidentified clandestine reported in the November Japan Report (excellent, 1/1)

6350a 0415 R. Echo of Hope: KK Xmas carols?, KK folk mx (strings & flute), OM/YL tlks, KBS/H. Korea theme mx (be careful when IDing), freqs., battling UTE QRM on 6349, 0502\* (fr-gd, 12/22 -- also heard \*0200 w/ID, 1/5)

L I B E R I A

3230 1920 ELWA: vernacular; lite mx, OM/YL tlks w/ELWA ID (good, 12/27)

M A D A G A S C A R

9540 1850 R. Nederland relay: EE nx, "Afro Scene", ID (fair, 12/13)

11735 1520 R. Nederland relay: EE lite mx, ID & address, freqs, promo for "Dutch by Radio", 1525\* (fair, 12/21)

M A L A Y S I A

6025 1025 RTMalaysia Kuala Lumpur: CC pop mx & vocals, OM/YL tlc, 1100 ID, more mx (fair, 12/15)

M O Z A M B I Q U E

3212 1940 R. Mocambique: PP; ni-life & reggae mx, CY Dj (fair-good, 12/27)

4734 2205 R. Mocambique: FP world nx, lite mx, drums/OM ID (good, 12/27)

P A K I S T A N

7365 1440 R. Pakistan: Urdu recitations, TPs (10 seconds fast), ID, OM nx, suddenly gone at 1503 (fair-good, 12/29)

75605 1005 R. Pakistan: EE rational nx, ID, p.m note into Uruu at 1010 (pr-fr, 1/1)

R O M A N I A

7195 1508 R. Bucharest: EE excerpt from nationalistic rally, mx, ID, tlc on holidays in Romania (fair, 12/29)

P A P U A N E W G U I N E A

3360 1335 R. Milne Bay: EE Xmas mx, OM ID amidst UTE QRM, anthem, 1400\* (poor-fair, 12/13)...sorry, out of order.

S O V I E T U N I O N

7170 \*1400 R. Station Peace & Progress (Lvov?): EE very biased nx & political reports, IDs, 1430\*. ironic woodpecker QRM (fr-gd, 1/8 & 1/9)

9540 1223 R. Tashkent: EE tlc on farming, ID, local mx, sked announced // 11785, 7235 & 5945 (fair, 12/23)

S W I T Z E R L A N D

9665 1105 Swiss Radio International: EE world nx, ID, report on World Cup skiing (gd-fr, 12/15)

V A T I C A N

9755 \*0715 Vatican R.: Ukrainian IS, bells, s/on, High Mass w/ choral singing (fair, 12/15)...That's it for February. Hope to have some interesting info next time. rmf.

15160 2156 RA: EE: MOR mx; TC, nx @ 2200; QRM de Unid stn; //15395, 17795 (323 12/15 Blair-CA) @ 0521 EE: tlk on UN's 40th anniv(12/18 Westenhaver-QUE)  
 15315 0636 RA: EE: Top nx items from 1985; 0700\*(333 12/31 Blair-CA) 15320?...ed  
 15320 \*0500 RA: FF: sked, FF pop mx, nx (454 12/18 Westenhaver-QUE)(Harris-Saf) @ 0115 FF: mx, //15160 (Blair-CA) @ 2200 EE: 1st anniv of Bhopal disaster (353 12/7 Hosmer-MI) @ 2300 EE:"Intl Report"(Stanley-AZ)(Grosvenor-CA)  
 15395 2130 RA: EE: Christmas in Australia (333 12/26 Stephenson-CA) "The Week in Science"; pop mx (343 Stanley-AZ) @ 0130 EE: Aborigine mx (Blair-CA)  
 15415 0700 RA: EE: relay of Austl/India cricket match; 0730\* (253 12/17 Rocker-MS)  
 17715 \*0700 RA: EE: opening to Asia & Pacific; //17750 (not hrd), 15395, 9655, 5995 (fr-gd 12/20 Sheedy-CA) Xmas mx, sked (444 12/24 Manderscheid-S.Arabia)  
 17795 0228 RA: EE: sked, TC; "Desert Island Discs"(222 12/28 White-FL) @ 0450 EE: nx, "Intl Report" (1/5 Dickerman-PA) @ 2200 EE: intvw w/Chinese actor; "Spinoff" pgm (12/14 Stanley-AZ) (434 1/1 Blair-CA)  
 17825 0530 RA: EE: freq sked; new freq?? (Harris-Saf)

VL8A-Alice Springs: TENT. SKED: 0700-2000 on 2310 kHz; 2230-0700 on 4835 kHz. VL8K-Katherine may test in late Jan. but VL8T-Tennat Creek not sked to test until March. (Jerome Fondulinden(?)) of Southern Cross DX Club on WORLD OF RADIO 1/12) See JAN A/O for other freqs and let's go after these stns-may be your best bet for a 120m logging! RBT

COOK ISLANDS

R. Cook Islands

11760 0548 RCI: EE/MAORI: pop mx; YL w/tlks & ads; TC as 6:50; 1st time hrd in long while (333 12/19 Berrin-CA) @ 0600 EE: Xmas mx (353 12/10 Radtke-CA) @ 0605 MAORI: YL w/island & rock mx (242 12/24 Thompson-CA)

GUAM

KTWR

MS)

15420 2258 KTWR: IN?: IS to 2259; ID w/clear "Trans World Radio" (152 12/19 Rocker-MS)  
 KTWR: new AA svc on 11735 until 0900; CC now on 7210 @ \*1000-1259\*, possibly replacing 7240. Again in CC @ \*1300-1500 ON 7355. (Noel Green-RDI, SWLD 1/6)

MARIANA ISLANDS

15405 2230 KYOI: EE/JJ: rock mx w/OM & YL ancrs (433 12/14 Zirkelbach-CA) EZ rock mx, ads in EE/JJ (333 1/1 Blair-CA)

NEW ZEALAND

R. New Zealand Intl

15150 1730 RNZI: EE: lcl nx & wx (423 12/22 Coday-CA) pop mx, lcl nx (Norcross-CA) @ 1820 EE: Bing Crosby mx; ID as "National Radio" (444 Miller-CA) "In Wellington" pgm, lcl nx (444 12/23 Trent-AK) @ 0326 (222 Blair-CA)  
 17705 0345 RNZI: EE: EZL mx, also tango by Boston Pops; "Roundabout"(322 Stanley-AZ)

PAPUA NEW GUINEA

4890 1236 NBC Port Moresby: EE: Xmas pgm; TPs @ 1300 into nx (343 12/24 Gerstner-NY) @ 1345 EE: 1t rock and C&W mx w/Aussie-sounding OM (343 12/21 Rocker-MS) pop & Xmas mx; 1400\* w/anthem (544 Miller-CA) @ 0945 EE (Coday-CA)

SOCIETY ISLANDS

R. Tahiti

11825 0300 RT: FF: Beatles mx; into TAHITIAN lang @ 0330 w/ID as "O Tahiti teie te tuhaatoru" (333 12/20 Stanley-AZ) (Stephenson-CA) (Miller-CA)  
 15170 0102 RT: FF: class mx, ID into MOR EE mx (222 12/17 Blair-CA) (Stanley-AZ)

SOLOMON ISLANDS

Solomon Islands Bcast Corp

5020 0658 SIBC: EE/PD: TPs & ID @ 0700; PD tlk by OM (432 12/15 Miller-CA)  
 9545 0701 SIBC: EE: nx, wx, pop mx (333 12/13 Coday-CA)

Not enough room for the usual DX A/O feature, SO I'll devote the remaining space to a plug for the latest SPEEDX publication, A GUIDE TO SOVIET RADIO, written and compiled by Michael Nowicki.

Understanding the complex Soviet shortwave scene can prove to be very confusing and frustrating-I know this from experience in my two years as A/O editor. But with A GUIDE TO SOVIET RADIO, the novice and somewhat experienced Soviet DXer can sort out and understand the vast realm of USSR radio broadcasts.

Included in this guide are chapters on Russian Language and Station Identification (by the world-known linguist Dr. Richard E. Wood), Propagation (including a Sunset-Sunrise chart for USSR xmtr sites), Internal Services (incl freqs of the most widely hrd sites), External Services from Soviet Republics, a Russian Lang Reporting Form (incl addresses), and a two page map showing xmtr sites. A GUIDE TO SOVIET RADIO is not for SWBC DXers only as it also contains a wealth of info for the UTE buff, including topics on AFRO freqs, Merchant & Fishing, FAX, & Satellite Telemetry etc. Order your copy from HQ today!

I'm allotted up to 8 pages in March and plan on devoting DX A/O to the topic of "Grayline Propagation" as it pertains to A/O SW broadcasting. Until then Best of DX and 73s,

*Bok*

<u>UNITED ARAB EMIRATES</u>		<u>R. Dubai</u>
7195	1334	<u>RD</u> : EE: nx, wx, "Islamic Literature" pgm on poetry of Muslim Empire; ARO QRM (333 1/10 Quaglieri-NY) wld nx, Mailbag(444 12/22 Manderscheid-S.Arab)
9595	1529	<u>RD</u> : EE: western style mx; nx @ 1600; AA listed at this time-may have been special EE pgm (322 1/1 Zilmer-NM) "Mailbag", nx into AA @ 1643; // 11955 (323 12/15 Westenhaber-QUE) @ 1445 (tent.) AA:AA mx, TPs, wld nx w/ment. of Beirut, Nigeria (354 12/20 Sampson-WI)
11955	1600	<u>RD</u> : EE: "Zionism Unmasked"; EZL mx (444 12/5 Bingham-MA) "Mailbag" w/reception reports and questions (433 12/7 Brown-IL)
15320	*1257	<u>RD</u> : AA: abrupt s/on w/AA vcls, ID & time sig. into nx (323 12/16 Westenhaber-QUE) @ 1335 EE: nx, "Islamic Literature" (323 12/12 Brown-IL)
17775	1330	<u>RD</u> : EE: 67th edition of "Mailbag" pgm (444 12/1 Hunt-NC) tlk abt conference in Dubai (444 12/7 Bingham-MA) "Mailbag" (333 12/22 Trath-FL)
17830	1344	<u>RD</u> : EE: "Islamic Literature"; AA @ 1400 (444 12/31 Bingham-MA)
21605	1335	<u>RD</u> : EE: tlk abt new radar system; "Zionism Unmasked" (322 Bingham-MA)

V. of UAE, Abu Dhabi: xmits irregularly when their Head of State is travelling abroad and on other special occasions. Usually found @ \*1300 on 9595 (R. Dubai freq..ed), with 7290 added later in the day. Also hrd on 17820 @ 1000-1400. The stn still running only with emergency power supply. (Wolfgang ?, WORLDWIDE DX CLUB, W. Germany on WORLD OF RADIO, 1/12)

<u>VIETNAM</u>		<u>V. of Vietnam</u>
10040	1800	<u>VOV</u> : EE: Weekly news review for Vietnam & the world; YL w/contest w/ing Viet folk songs (333 12/28 Sharpe-CA) "Sunday Pgm" on malaria in Vietnam (232 12/22 Falbo-OR) @ 1940 in FF to Africa (gd 12/23 Harris-Saf) FF @ 2110: cmty, orch & Viet vcl mx; ID & 2128* (151 12/9 Orr-FL)

<u>YEMEN ARAB REPUBLIC</u>		
9779.2	1835	<u>R. San'a</u> : AA: long vcl mx; solid ID @ 1841; during winter the high end of 31m is full of AA stns around local noon (354 12/20 Rocker-MS)

<u>YEMEN (DEM. PEOPLE'S REP.)</u>		<u>Dem. Yemen Bcast Svc</u>
7190	0330	<u>DYBS</u> : AA: NA, OM w/nx & full IDs into tlk (544 12/16 Orr-FL) Wonder if the coup being staged as I type this will affect bcasts from DYBS?..ed

<u>UNIDENTIFIED ASIANS</u>		
7110	1231	<u>FARSI</u> : tlk abt Khomeini, martial & AA style mx (322 12/23 Dillon-NC) may be VOIRI as they now use this freq (see IRAN)..ed
7295	1200	<u>UNID LANG</u> : TPs, YL w/oriental mx & prob. drama; 1230 f/out (12/23 Dillon)
9756	1800	AA: mostly Qur'anic recitations, some OM tlk w/ments of "Arabiyyah" but no ID hrd; noted to 2000 f/out for 1½ months; my guess is R. San'a (Quaglieri-NY) I've hrd this myself recently w/OM tlk @ 1810 & 1910 but too deep in mud to copy any possible ID..someone-Help!..ed

\*\*\*\*\* OCEANIA \*\*\*\*\*

<u>AUSTRALIA</u>		<u>R. Australia</u>
4920	1240	<u>VL4-Brisbane</u> : EE: Big Band mx (322 12/1 Hawk-VA) ABC nx, mx(Gerstner-NY)
5995	1130	<u>RA</u> : EE: soundtrack mx (343 1/4 Klopfenstein-OR) spts, tourist pgm (343 1/4 Falbo-OR) "Books and Publishing" (323 12/18 Westenhaber-QUE in IN)
6060	0105	<u>RA</u> : EE: nx, cmty on Indonesia (444 12/7 Neff-OH) @ 1405 EE: tlk on Philippine elections (433 12/17 Grosvenor-CA) (454 12/15 Radtke-CA)
6080	1333	<u>RA</u> : EE: lcl nx; survey of Austl' hospitals (232 12/13 Sampson-WI) NY)
6150	1250	<u>VL6-Lyndhurst</u> : EE: jazz mx, ABC nx; s/off anmts & 1330* (343 12/8 Gerstner)
7205	1900	<u>RA</u> : EE: nx, pop mx pgm (222 12/13 Lehman-MA) @ 1222 w/country mx (333 12/29 Brown-IL) "Soundabout" pop mx pgm; no //s hrd (Westenhaber-QUE)
7215	1147	<u>RA</u> : EE: tlk show; CW QRM-9580 much better (322 1/5 Luxon-IL)
9580	0850	<u>RA</u> : EE: hrd from 0850 to 1500 w/various pgms incl "Intl Report", "Interaction", Traveler's Tales", "Countrywide" by (Klopfenstein-OR)(Neff-OH) (Hesch-NY) (Shamblin-AR) (Fraser-MA) (Emerson-OR) (Alexander-NJ) (Miller-CA) (Hunt-NC) (Welch-MA) (Ruhe-PA) (Westenhaber-QUE) (Dillon-MD) (Roberts-FL)
9610	1400	<u>VL9-Perth</u> : EE: ABC nx, opera (444 12/23 Hunt-NC) Turn-of-the-century mx (343 12/18 Westenhaber-QUE) @ 1601 EE: nx, spts wx & 1606*(Gerstner-NY)
9645	1315	<u>RA</u> : EE: "Intl Report"; off abruptly @ 1330-test xmsn?(232 12/21 (Gerstner)
9655	*0658	<u>RA</u> : EE: ID, sked, wld nx; beamed to NZ & Europe (333 12/24 Westenhaber-QUE) (444 12/21 Rocker-MS) @ 0859 w/"Talkback" (Sun.) (1/5 Dickerman-PA)
9680	0809	<u>RA</u> : EE: World Victorian Inst. for Blind-Candlelight (333 12/24 Trent-AK)
11720	0804	<u>RA</u> : EE: "Intl Report"(232 1/4 Dickerman-PA) no stock exchange report due to Christmas holiday (444 12/24 Westenhaber-QUE)

SRI LANKA cont.

9720 1525 SLBC: EE: mx, relg pgm @ 1530 (333 12/27 Luxon-IL) @ 1422 EE; sermon w/ hymns (343 12/27 Levison-PA)  
11800 0110 SLBC: AA: AA mx; short tlk by OM (332 12/7 Miller-CA)

SYRIA

R. Damascus

7455 2114 RD: EE: nx, Syrian Press Review; Ute QRM (333 12/18 Westenhaber-QUE)  
9950 2112 RD: EE: nx, ID; "Flight of Bumblebee" (333 12/25 Westenhaber-QUE) @ 2209  
AA: AA string mx; ID & nx @ 2215; mx to 2230\* w/full ID (555 12/7 Orr-FL)  
12085 2130 RD: EE: nx, US pop mx w/Arab beat (353 12/18 Radtke-CA) @ 1700 AA: Syrian mx w/sitar, perc., dulcimer; ID & tlk @ 1704 (232 12/24 Abbinate-IL)

TAIWAN: Many VOFC logs were received but they were for 5985, 6065, 9680 kHz-all via the WYFR relay located in Florida...ed

THAILAND

R. Thailand

7115t 1251 RT: UNID: odd vcl mx by YL; brief ID by OM @ 1301 (unintelligible) into pgm of Western class. guitar and operatic mx; QRM de R.Australia CC pgm on 7120 after 1300. May be an Unid USSR stn but none listed nor reported here (222 1/10 Quaglieri-NY) Let me know if you anything definite Al...RBT  
hear

TURKEY

V. of Turkey

9560 2300 VOT: EE: nx-PF French Pres. meets same from Poland; QRM de unid co-channel (222 12/7 Stanley-AZ) Turk. pop mx (333 12/10 Stephenson-CA) "Letterbox"; Turkish mx (555 12/11 Hunt-NC)  
9730 \*2300 VOT: EE: piano IS, ID, TPs; nx, Press Review; "Letter from Turkey"; "DX Corner"; Turkish instl mx (343 12/21 Shimada-JP)

V. of Turkey: now back on 15220, ex-9660 in TURKISH at 0530 f/in. (Noel Green-RDI, SWLD 1/6)

USSR (ASIAN)

R. Moscow World Svc

CA)

4040 1418 RM Domestic Svc-Vladivostok: RR: RR opera; YL tlks(12/9 Berri-CA)  
4450t 0207 R. Afghanistan-Dushanbe: UNID: ME mx, OM tlk, no ID hrd; possibly my 1st reception of R. Afghan. either by USSR or Kabul-reception at this time is possible via polar path (222 12/20 Berri-CA)  
4635t 0255 R. Dushanbe-Tadzhik SSR: ? : YL ancr w/ME type mx; 6 TPs, IS, poss. ID @ 0300 into nx & cmt (252 12/31 Quaglieri-NY)  
4740 0315 R. Afghanistan-Ashkhabad Turkmen SSR: BALUCHI?: YL w/ID as Kabul; chant mx w/wind instrs; feature pgm w/OM & YL (151 12/31 Quaglieri-NY)  
4785 0440 Baku-Azerbaijan SSR: RR: YL & OM tlk w/ment of "Baku" (343 12/12 Orr-FL)  
5015 1332 R. Tikhiv Okean-Vladivostok: EE: YL w/nx then into RR (444 12/7 Coday-CA) @ 1315 RR: variety pgm w/OM & YL (444 12/21 Rocker-MS)  
5260 0207 Alma Ata-Kazakh SSR: RR: tlk-poss. nx incl ment of "Moscow" (323 12/14 Berri-CA)  
5900 1430 RMWS Petropavlovsk (per RDI): EE: nx in brief; folk mx; "Soviet Way of Life" (353 12/12 Sampson-WL)  
5985 \*1200 R. Tashkent-Uzbek SSR: EE: s/on amnts, wld & lcl nx, Mailbag pgm; anncd //s 5945, 7285, 9540, 11785 (252 12/14 Welch-MA)  
6035 1850 Vladivostok: RR: Dom. Svc #2 pgm of orch mx; RMWS IS, TPs, YL w/ID into nx; // 7200 (433 12/8 Berri-CA)  
6155 1750 Nikolayevsk 'Amure: Dom. Svc #2 w/EZL vx, RMWS IS, ID, nx (222 Berri-CA)  
7345 0835 Yakutsk: RR: Dom. Svc #1 w/RR mx & tlks incl ment. of "Moscow"; xmtr prob-Iems & woodpecker QRM; // 7320,7260,7210 (423 12/8 Berri-CA)  
9600 \*1200 R. Tashkent: EE: nx, "Home Nx", cmt on Afghanistan (333 12/8 Prath-FL) review of Gorbachev speech; propagandistic "Mailbag" pgm; 1227\* (323 12/28 Westenhaber-QUE visiting IN) FL)  
9675 1230 RMWS (site unknown): CC: nx, tlk, CC mx; IS & ID every 30 min (333 Prath-FL)  
9876 0728 RMWS (site unknown): EE: "News and Views" (333 12/17 Rocker-MS)  
11675 0809 RMWS Vladivostok (per RDI): EE: YL w/nx items (433 12/8 Berri-CA)  
11765 0650 RMWS Irkutsk: CC: typical tlks btwn OM & YL (233 12/14 Berri-CA)  
11790 0040 R. Kiev (site unknown): EE: "Ukraine Today" (222 12/5 Coday-CA)  
11990 0520 Komsomolsk: RR: pop mx; RM IS @ 0529 (222 12/15 Berri-CA) acc. to Bob Palmer and URSC, site is actually Vladivostok...ed MS)  
15425 2356 RMWS Petropavlovsk: EE: NAm Svc of lite mx; freq sked (333 12/16 Rocker-FL)  
17880 0303 RMWS (site unknown): EE: World Svc nx (141 1/6 Dickerman-PA)

R.Yerevan; new freq 9600 w/ARMENIAN @ 2130, FF @ 2152. (Ernie Behr-ONT on SWLD 1/13)

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I'm not sure how many SPEEDXers live in this sparsely settled part of the country, but I am interested in starting a local SPEEDX chapter for West. PA. Tentative boundaries could be from the Ohio line east to around State College, and the NY line south to Pittsburgh. Any members in this area or close to it are encouraged to let me know if you are interested.  
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11810 \*0200 UK: EE: TPs, ID, sked into nx; // weaker 15575 (433 12/10 Norcross-CA)

KUWAIT

R. Kuwait

6055 1119 RK: AA: AA mx, ID "Huna al Kuwait" (555 12/23 Manderscheid-S.Arabia)  
9840 1815 RK: AA: pgm of AA vcl & instl mx (454 12/27 Welch-MA)  
11675 1827 RK: EE: pop mx; ID & TPs @ 1830 into nx (353 12/20 Orr-FL) "Understanding  
the Qur'an" pgm (343 12/5 Bingham-MA) @ 2030 EE: rock mx (Roberts-FL)  
15505 1357 RK: AA: Qur'an recitation; ID @ 1403; cl mx (333 12/14 Westenhanv-QUE)  
ME mx w/chorus; better than //s 15495 & sometimes 9840 (343 Abbinante-IL)

LEBANON

Radio V. of Lebanon

6548v 2148 RVOL: AA: AA mx; YL anmts (243 12/26 Orr-FL)  
6550t 0452 RVOL: AA: tlk by OM; RTTY QRM (222 12/15 Soomre-MA)

MALAYSIA (EASTERN)

RTV Malaysia

4835 1515 RTM Kuching: MALAY: Malay pop vcls; nx from Kuala Lumpur by OM, ID then  
Qur'an reading before s/off (343 12/29 Sharpe-CA)  
4950 1503 RTM Kuching: EE: Xmas songs; ID @ 1515 into SE Asian nx (343 12/24 Sharpe-  
CA) nx, pop mx, Stock Exchange report (333 12/14 Coday-CA) tent. @ 1425 w/  
piano mx; market prices; hvy QRN, QSB (322 12/16 Zirkelbach-CA)  
4970 1533 RTM Kota Kinabalu: MALAY: Kuala Lumpur nx by OM; Malay pop vcls; full ID  
by YL @ 1550; Qur'an, closing anmts, NA & s/off (232 12/31 Sharpe-CA)  
5005 1430 RTM Kuching: EE: cmt; group singing; anthem (353 12/18 Radtke-CA)

OMAN

9735 1345 R. Oman: AA: local vcl mx, tlk (333 12/27 Zilmer-NM)

PAKISTAN

R. Pakistan

9465 1558 RP: EE: Eastern mx; @ 1600 OM w/freq sked then nx (232 12/28 Norcross-CA)  
1710 RP: EE: YL w/cricket results, wx; ID, mx; request for supplies by OM (242  
12/4 Frank-ONT)

R. Pakistan: new freq 11925, ex-11675 in // w/15595, 9465, 7365 incl EE nx at 1510 and slo  
speed EE @ 1600-1615. Slo speed EE also sked to Eaf on 11735, ex-12005 & //  
to 15515. Gen'l Overseas Svc to UK now on 11635, ex-11810 at 1645-1900-in EE  
until 1740 then URDU. (Noel Green-RDI via SWLD 1/6)

PHILIPPINES

R. Veritas Asia; Far East Bcast Co; VOA Relay; AFRTS

9595 1500 RVA: EE: OM w/relg pgm (444 12/13 Miller-CA)  
9700 2230 FEBC: IN: IS, ID, tlk & mx; 2325\*, hrd under AFRTS (222 12/27 Zilmer-NM)  
9770 0005 VOA: EE: nx abt P.R. of China (344 12/22 Berri-CA)  
11850nf \*0700 FEBC: EE: IS, ID, TPs; "Grace Worship Hour"; YL w/Asian nx @ 0730; "Faith  
in Focus"; // 15350 (454 12/22 Shimada-JP) new freq to Australia & NZ,  
0700-1000 (Noel Green-RDI via SWLD 1/6)  
15290 2331 VOA: EE: nx in special EE; "VOA Tuesday Morning" (343 12/16 Brown-IL)  
15445 2300 FEBC: EE: "DX Dial"; abruptly off @ 2310 (333 12/7 Zirkelbach-CA) @ 2330  
EE w/Asian nx & cmt; (333 12/23 Zilmer-NM)  
17740 2222 VOA: EE: tlk on new Toyota plant in US (233 12/7 Berri-CA) CA)  
17830 1830 VOA: AMHARIC/EE: mx pgm w/OM; addr; nx @ 1856, ID & 1900\* (433 12/22 Blair-  
21670 0730 AFRTS: EE: sports review-NFL Playoffs etc (253 12/24 Manderscheid-S.Arabia)

QATAR

Qatar Bcast Service

9905t 1750 QBS: AA: instl mx to 1800 TPs, poss. ID but signal too weak to be sure  
(252 12/20 Rocker-MS)

SAUDI ARABIA

Bcast Svc of the Kingdom of Saudi Arabia

9870 1745 BSKSA: AA: AA mx; cmt; on Geneva Summit; used ECSS/USB to separate from  
strong Ute on 9865 (333 12/20 Rocker-MS)  
17740 0630 BSKSA: AA: Qur'an; OM w/ID @ 0638 into relg cmt; more Qur'an to 0700\*  
(353 12/21 Shimada-JP) @ 1937 EE/UNID: EE pop mx w/YL anncing in EE; nx  
by OM in UNID lang @ 2000, then more EE pop mx (323 12/15 Emerson-OR)

BSKSA: "Call of Islam" svc hrd in AA at 1500-1700 on 9655. Domestic Svc hrd on new 7210  
until 2300\*. BENGALI & URDU svc on 11930 @ 1200-1500. (Noel Green-RDI on SWLD 1/6)

SINGAPORE

BBC Relay

3915 1600 BBC: EE: wld nx; cmt; on Soviet role in Afghanistan (333 12/28 Sharpe-CA)  
9740 1630 BBC: EE: "This is Christmas" (333 12/24 Thompson-CA)  
17710 0000 BBC: EE: nx of Argentine military trials; awful signal (222 12/10 Sharpe-CA)

SRI LANKA

Sri Lanka Bcast Corp

9720 1305 SLBC: EE/UNID: YL w/US pop mx & post-Xmas greetings; TC as 1945; "Music  
USA" (333 12/26 Dillon-NC) ID as "All-Asia Svc of SLBC" (252 1/10 Quagli-  
eri-NY) @ 1430 w/relg pgm (322 Frank-ONT) 1602\* (Gerstner-NY) (Bingham-MA)



9610 2101 R. Baghdad: EE: barely audible w/ID (122 12/23 Shamblin-AR) tlk abt PLO; AA instl mx (222 12/19 Bingham-MA) nx & ME mx (332 12/18 Neff-OH) @ 2030 GG: nx, cmtly, mx (434 12/18 Rocker-MS) FF @ 1932: ID & addr. (Orr-FL)

9635t 1932 RB: AA: YL w/nx? & poss ID into ME mx (444 12/28 Berri-CA)

9745 1740 RB: AA: AA vcl mx; clr ID by YL (243 12/20 Rocker-MS) (434 12/20 Orr-FL)

ISRAEL

5885 2232 KI: EE: wld nx; //7410 (444 12/8 Rocker-MS) "Let My People Go", nx & sked (343 12/15 Brown-IL) @ 0002 EE: Gerry Cheslow reads nx (233 12/11 Westen-haver-QUE) @ 0200 EE: disc. on Judaism (444 12/6 Hunt-NC) @ 0340 RR?: tlk abt Louis Farakhan; pop mx; ID (333 12/26 Dillon-NC)

7410 2230 KI: EE: wld nx, Israeli pop mx; TC into HH @ 0000 (343 12/9 Stanley-AZ) EE @ 0000: nx, "Calling All Listeners", "DX Corner"; jammed (232 12/16 Sampson-WI) EE @ 0100: Festival of Lights info (443 Neff-OH) tlk on PLO terrorism (444 12/29 Roberts-FL)(Bingham-MA)(Shamblin-AR) EE @ 2005: tlk on Soviet Jews (Coleman-MA) FF @ 2038: "Melodies nostalgique"(Westenhaver-QUE) FF @ 2217: mx, nx into EE @ 2230 (433 12/27 Brown-IL)

7465 2101 KI Reshet Bet: HH: nx, ads, pop mx; Ute QRM (333 12/22 Westenhaver-QUE)

9385 1800 KI: EE: nx, tlk on economy, wx (333 12/10 Bingham-MA)

9435 2000 KI: EE: tlk on Human Rights Day in Israel (333 12/10 Bingham-MA) nx, lis-teners letters (Stanley-AZ) @ 2235 EE: nx, Current Affairs (444 12/7 Hos-mer-MI) @ 0100 EE: nx of terrorist attacks in Rome & Vienna (444 12/29 Prath-FL)(Brown-IL)(Zirkelbach-CA)(Bishop-NY) @ 0200 EE: tlk on Hanukkah (444 12/8 Cadorette-MA) "Faith to Faith" (Ruhe-PA) FF @ 2058 (Berri-CA)

9815 2001 KI: EE: nx on terrorists (353 12/27 Welch-MA)"Living Here" pgm (343 12/11 Bingham-MA) EE @ 2230: nx, tlk of Mormon Center (433 12/22 Schmucker-NE)

11585 1800 KI: EE: tlk of US delegation investigating spy issue (333 12/11 Bingham-MA)

15615 1320 Rashuth Hashidur (Reshet Bet): Home svc pgm w/songs in EE, FF, SS, & HH; anmts, ID & 1355\*. 1st time hrd (454 12/3 Hesch-NY)(Westenhaver-QUE)

JAPAN

3925 0901 Nihon SW Bcast; R. Japan  
NSB: EE/JJ: "Telephone Corner", intvw w/YL who put on weight eating pizza & french fries in US (I know all abt that-hi! ed.) (333 12/12 Coday-CA) @ 1335 JJ: YL w/long tlk on Canada; ID (344 12/10 Miller-CA) @ 1453 JJ: JJ/EE lang lesson; ad & "R.Tanpa" ID (444 12/23 Sharpe-CA)

3945t 0710 NSB: JJ: YL & OM laughing & playing pop mx (333 12/12 Zirkelbach-CA)

5990 \*0900 RJ: EE: wld nx, "Japan Scene" etc. // 15195, 11955 (444 12/11 Neuverth-CO) @ 1525 EE: "R. Japan Journal"; YL telling how cold it is in Japan; JJ pop mx; TC as "10 min. to lam in Tokyo" (433 12/18 Zirkelbach-CA)

9595 0738 NSB: JJ: talk (fair 12/23 Harris-SAF)

9605 \*1700 RJ: EE: nx, // 5990 (444 12/29 Falbo-OR) @ 1926 EE w/nx (222 Berri-CA) @ 1900 on 9606 EE: nx of Japan, "Current Affairs" (333 12/29 Emerson-OR)

11955 0638 RJ: EE: nx, tlk on Vietnam & Kampuchea (232 12/14 Berri-CA)

15195 0235 RJ: EE: "DX Corner" w/report on RJ's freq changes (132 12/8 Gerstner-NY)

15420 2305 RJ: EE: wld nx, // 15235 (423 12/31 Berri-CA) into JJ @ 0000 (333 12/16 Rocker-MS) @ 0100 EE: Mid East nx till 0116 f/out (333 12/7 Stanley-AZ)

KOREA (DEM. PEOPLE'S REP.) Korean Cent. Bcast Stn; R.Pyongyang

2850 2135 KCBS Kanggye: KK: lots of class & march mx; good ID @ 2200 then 4 TPs into presumed nx; // 4273 Pyongyang-fantastic longpath opening though no other Asians hrd (good 12/13 Cereghin-MD) Gd luck in your future endeavors John!

Next logging out of order...sorry..ed

2300 1506 Hyesan-Yanggang: KK: YL tlk; song they always play (Song of Kim Il Sung?) & other KK mx (342 12/28 Sharpe-CA)

4373t 1445 KCBS Kanggye: KK: KK instl & vcl mx, OM tlk; no ID hrd; hvy QRM de KFS CW stn (412 12/10 Berri-CA) sure the freq wasn't 4273 Jason?..ed

6400 2303 RP: KK: YL w/nx; ID (per WRTH) @ 2305 into cmtly? (222 1/6 Quaglieri-NY)

11880 0025 RP: EE: KK martial & orch mx; YL ID (544 12/7 Miller CA)

13650 \*2300 RP: EE: nx, reunification cmtly (353 12/25 Sharpe-CA) cl vcl mx; YL w/mnt of "Great Leader" (343 12/31 Berri-CA) @ 2349\* (242 12/15 Zilmer-NM)

13700 0020 RP: EE: cmtly on Afro affairs; pgm on visit to Pyongyang Dept Store (gd 12/19 Sheedy-CA)

15150 0000 RP: EE: wld nx; cmtly on AIDS in S. Korea; mx (323 12/23 Sharpe-CA)

KOREA (REPUBLIC OF) R. Korea

5975 1600 RK: EE: YL w/ID, pgm sked & wld nx (433 11/30 Norcross-CA)

6480 2235 RK: EE: OM/YL invite listeners to write; "Mailbag" pgm; // 7550; multi-path echo (222 1/4 Quaglieri-NY)

9570 0405 RK: EE: wld nx, mx; 11810, 15575 not hrd (332 12/31 Norcross-CA)

9750 1430 RK: EE: YL w/pgm of 60s & 70s mx; QRN (422 12/14 Hunt-NC)(Norcross-CA)

9870 \*1556 RK: EE: IS, EE/KK ID; EE lang sked; // 5975 (343 12/9 Norcross-CA)

9535 \*1200 RB: EE: wld & CC nx; "Press Clippings"; "Chinese Folk Tales"; "Music From China"; // 9640 & 9820 (434 to 222 12/7 Neuverth-CO)(1/5 Luxon-IL)  
 9550 1300 RB: EE: world & lcl nx (353 1/3 Radtke-CA)  
 9820 \*0000 RB: EE: Nam Svc of nx, cmty & pgms incl "Across the Land", "Scrapbook", "Third World", "How to Speak Chinese" (343 12/17 Grussling-ID)(332 12/20 Neff-OH)(322 1/5 Luxon-IL)(322 12/25 Byron-PA)(Brown-IL)(Soomre-MA)(Levi-son-PA)(Shamblin-AR)(Stanley-AZ) @ 0325 EE: "In the Third World" pgm (454 12/5 Brewer-AR) @ 0100 CC (353 12/8 Orr-FL) & @ 2332 SS: mx pgm, YL w/"estimables oyentes" ("dear listeners") then tlk on colleges in Mexico (45333 12/31 Palmer-WA)  
 11515 2040 RB: EE: nx to Africa. 1st time hrd this yr and I had to go to Africa to do it! (12/23 Harris-OH while on trip to SAE) Tnx Mike-I assume you mean ur 1st reception of R.Beijing on this freq...RBT  
 11980 \*0300 RB: EE: nx, Third World tlks (343 12/19 Falbo-OR) intvw w/visiting Chinese-Hawaiian; // 11860 (gd 12/19 Sheedy-CA) @ 0117 SS: nice orch mx; ID into CC vcl mx (454 12/29 Thompson-CA)  
 15100 0105 RB: SS: nx by OM & YL, ID (333 12/11 Blair-CA)  
 15330 0000 RB: CC: YL tlk & sked; no ID but hrd IS (333 12/17 Rocker-MS)  
 17775 2325 RB: CC: OM w/Xmas greetings, guitar mx; WCNA must be in beam path as signal was booming in (of course xmtr is 500kW!) (455 12/24 Berri-CA)

CYPRUS

BBC Relay

6180 1759 BBC: EE: Theme March, TPs, wld nx; found while looking for Senegal (252 12/22 Quaglieri-NY)  
 7140 2144 BBC: EE: EE by Radio; sked & 2145\* (444 12/20 Rocker-MS)

INDIA

All India Radio

7235 1348 AIR Madras: UNID: Vividh Bharati Comm'l Svc pgm of Indian mx; OM w/ID @ 1401; hrd well when no ARO QRM (322 1/10 Quaglieri-NY)  
 9445 1330 AIR: EE: ID, beast info then YL w/wld nx (333 12/18 Neff-OH) I can't find this freq listed anywhere--does anyone know the xmtr site?..ed  
 9912 0102 AIR Aligarh: EE: GOS to NE Asia of nx & cmty (333 12/1 Coday-CA)

INDONESIA

Radio Republik Indonesia

3277 1525 RRI Jakarta: IN: pop mx; nice ID @ 1530 into cmty on Indo mx, then Xmas mx--some in EE; hrd while looking for Kashmir (12/23 Kusalik-ALB)  
 3305 1515 RRI Dili: IN: pgm of guitar mx w/YL anc; nice Hawaiian-style ballad to 1528 ID "RRI stasiun Dili"; Xmas drama pgm; strong & in the clear till 1535 QRM--must have been on late due to Xmas season (12/24 Kusalik-ALB)  
 3394.8 1505 RRI Tanjung Karang: IN: strong at t/in w/Jakarta nx, ID (nx in // w/4719), anthem, lcl ID into lcl nx; pgm of Kroncong mx (12/23 Kusalik-ALB)  
 3945 1552 RRI Denpasar: IN: btwn AROs was able to hear YL/OM tlks w/background orch mx; nice ID @ 1558, "Song of Coconut Is" then Jakarta nx till 1604½, then short anthem, lcl ID & tlk pgm; finally hrd after 7 yrs! #48 Indo for me (12/24 Kusalik-ALB) very nice Ed...ed  
 4719 0926 RRI Ujung Pandang: IN: pgm of pop & Country mx; full ID @ 1000 (252 1/4 Orr-FL) @ 1437 IN: YL/OM tlk w/march mx breaks; choral mx & EE pop mx; pulsar QRM after 1443 (333 12/13 Thompson-CA)  
 4774M 1558 RRI Jakarta: IN: Nasional Pgm w/cmty on Vietnam/Indonesia; ID as "Re-Ra-Ia Nasional Pgm, Jakarta" into Jakarta nx (12/18 Kusalik-ALB)  
 4775.5 1459 RRI Jakarta: IN: "SCI", ID & nx by OM; pgm info (333 12/31 Sharpe-CA)  
 4944 1620 RRI Bandung: IN: variety pgm of modern dance & pop mx; poss ID @ 1630 into pgm of Eaf-type mx; 6 TPs & ID @ 1700, lcl mx & 1712\* w/"love Ambon" (strong 12/18 Kusalik-ALB)  
 5046 1613 RRI Yogyakarta: IN: Xmas mx; relay of Catholic Midnight Mass w/hymns sung in Indo lang; short RRI ID @ 1635 (12/24 Kusalik-ALB)  
 11770 0705 RRI Jakarta: IN: "Programa Nasional" ID; wld & lcl nx then pop mx past 0730 (fr/gd 12/14 Sheedy-CA)  
 11790 1545 V. of Indonesia: EE: electronic mx; tlk by OM w/hvy accent, nx, sked & ID @ 1558 (433 12/2 Zirkelbach-CA)

IRAN

V. of the Islamic Republic of Iran

4990 0441 VOIRI: FARSI: ID by OM; Pink Floyd theme into OM tlk (333 1/6 Orr-FL)  
 6080 2007 VOIRI: EE: tlks on OPEC & on ethics & morality (332 12/12 Welch-MA)  
 9022 1927 VOIRI: EE: AA mx; tlks incl report on increased airport security (222 12/19 Bingham-MA)  
 9525 0700 VOIRI: AA: freq sked, ID, nx & cmty, mx (533 12/24 Manderscheid-S.Arabia)  
 VOIRI: sked for new 500kW xmtr: AA @ \*0330 on 7110; PERSIAN @ 1000-1715 (exc. RR 1515-1615) on 9770; GG, FF, TURKISH, & EE @ 1730-2030 on 6080, 9022, 9770.(BBCMS, SWLD 1/13)

IRAQ

Sawt ul Jamaheer; R.Baghdad

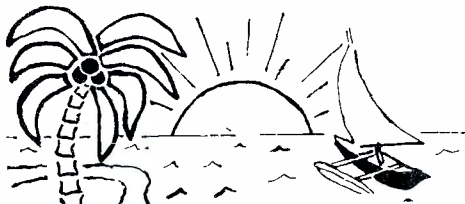
9505 0634 SuJ: AA: AA mx w/dedications, ID; // 9485 (555 12/24 Manderscheid-S.Arabia)

# ASIA-OCEANIA

EDITOR:

BOB THUNBERG  
409 Burt Street  
DuBois, PA 15801

DEADLINE: 12th of each month  
FREQUENCIES IN KILOHERTZ  
TIMES ARE IN GMT  
\*0000=sign on 0000\*=sign off



The winter DX season rolls along, so now is the time to try for those elusive A/O stations before the QRN on the lower frequencies becomes unbearable. I must admit that these past few months haven't been the best for DXing, but a few good openings must be occurring. So I invite you to check out the nice catches from the P.R. of China, Indonesia, Korea, the tentative logging from Thailand, as well as the many other fine contributions this month. The Chinese New Year is almost upon us—the Year of the Tiger, so GO GETEM TIGERS!

BANGLADESH		R. Bangladesh		NC)
17670	1450	RB: UNID ASIAN	Lang: OM & YL ancrs w/Asian mx; noisy reception	(322 Hunt-
BURMA		Burma <u>Bcast Service</u>		
4725t	1208	BBS: UNID: YL ends poss. nx into lcl pop mx pgm typical of this stn-a mishmash of western pop instruments w/Asian vcIs (252 1/9 Quaglieri-NY)		
5985	1430	BBS: UNID: YL & OM anmts incl ment. of "Burma"; poss. nx then lcl mx; anthem @ 1500 then tlk; R.Japan QRM @ 1456 (322 11/30 Norcross-CA)		
CHINA (PEOPLE'S REPUBLIC)		R. Beijing		CA)
2340	1536	Fujian <u>PBS</u> : CC: CC cl mx; OM & YL tlk; sig gone by 1600(242 12/28 Sharpe-		
2430	1430	FFS-2: CC: OM tlk; CC folk & opera mx; // 2600, 2800, 3300, 3900 & 4380-all hrd (232 12/14 Froemming-AZ)		
2475	1415	Zhejiang-1: CC: CC mx & YL tlk (242 12/21 Froemming-AZ)		
3200	1435	FFS-1: CC: CC opera; ID? @ 1455, more opera than OM tlk @ 1500 incl ment. of "Taiwan"(323 12/28 Sharpe-CA) // 3535, 3640, 4045, 4330, & 2490. (232 12/15 Froemming-AZ)		
3220	1450	CPBS-1: CC: CC tlk & mx; // 4460 (333 12/21 Froemming-AZ)		
3815	1440	CPBS, <u>Taiwan-1 Svc</u> : CC: OM tlk (242 12/21 Froemming-AZ)		
3900	1400	FFS-2: CC: weak tlk by YL; // 3535; co-channel QRM (322 12/9 Berri-CA)		
3970	1400	Nei Menggu: CC: CC mx; ID @ 1400; ARO QRM (232 12/22 Froemming-AZ)		
4380	1315	FFS-2: CC: CC mx & tlk; ID @ 1330; ARO QRM (?..ed) (444 12/10 Miller-CA)		
4735	1100	CPBS <u>Urumqi</u> : CC: OM w/nx, read by dateline city; YL w/ID & cmtv (252 12/6 Quaglieri-NY)		
4770t	1450	CPBS <u>Taiwan-1</u> : CC: CC instl mx, YL tlk (423 12/17 Berri-CA)		
4815	1452	RB: KK?: soft CC mx; OM & YL w/low tlks; IS (433 12/18 Berri-CA) Danish TBS lists MONGOLIAN lang at this time...ed		
4850t	1550	CPBS <u>Taiwan-2</u> : CC: // 5090-pr & 6790-fr (333 12/28 Norcross-CA)		
4865t	2148	Gansu <u>PBS</u> : CC: YL tlk & occ. CC mx; 2227 f/out (232 Daly-NY)		
4905	2225	CPBS <u>Beijing</u> : CC: tlk by OM; instl mx incl talkover when march mx played; 2258 f/out tho TBS says 2230*; // weaker 5860 (353 12/2 D'Angelo-PA) tent @ 2142 EE/CC: pgm on fertilizer; CC intvw translated into EE; TPs @ 2200 (233 12/13 Gerstner-NY)		
4990	1430	Hunan <u>PBS</u> : CC: OM tlk (242 12/21 Froemming-AZ)		order..ed
4925	0715	Heilongjiang <u>PBS</u> : CC: flute instl & CC opera (3+ 12/27 Witte-CA) out of		
5030t	1418	CPBS-2 <u>Beijing</u> : CC: OM & YL w/political? tlk; QRM de RIM-Kuching; //5075 (433 12/19 Berri-CA)		
5040	0852	Fujian <u>PBS</u> : CC vcl mx; 6 TPs @ 0859 then OM anmts (222 1/6 Orr-FL)		
5145t	1131	RB: MONGOLIAN (listed): OM tlk (222 12/6 Quaglieri-NY)		
5170t	1140	FFS-2: CC: agitated OM w/political tlk (322 12/6 Quaglieri-NY)		CA)
5880	1400	CPBS-1 <u>Beijing</u> : CC: tlk abt "Star Wars"; nx; //5860 (333 12/16 Zirkelbach-		
7025	0833	FFS-2 <u>Taiwan Svc</u> : CC: OM tlk; CC orch mx; Ute QRM (222 1/6 Orr-FL)		
7525	2250	CPBS-1: CC: OM & YL tlk; CW QRM (323 12/7 Hosmer-MI)		MS)
7590	2354	RB: AMOY?: tlk to 2356 then s/off w/"The East is Red" (333 12/17 Rocker-		

SWAZILAND

3200 0406 TWR: unid; pgm of religious mx in unid lang [GG sked, per '86 WRTVH-ed.]  
under hvy CW QRM. 323(12-30 Sharp-FL)

TANZANIA

3339 0313 R. Tanzania Zanzibar(t):Swa; vly faint w/OM tlk; also poor on 4785 and  
5050 2140 R. Tanzania: Swa; wild drum/voc mx, into long tlk by OM who sounded like  
he was in an echo chamber, maybe a religious sce or speech? ID at top  
of hour; RTTY QRM. fair(12-30 Cereghin-MD)

TOGO

3222 2145 R. Togolaise(t): FF; OM nx, foll by EE & FF pop songs; only tent ID,  
fade by 2230. 342(12-12 Lehman-MA)  
5047 2207 R. Togolaise: FF; OM African nx, world nx, Afro mx, interview, ments of  
Lome. 433(12-23 Dillon-NC). 434(12-25 Bishop-NY). @\*0526 IS, NA, hymn,  
sermonette & prayer, @0535 "Radio Lome, la voix de la nouvelle marche,  
chaine internationale." 323(12-20 Westenhaver-IN). 434(12-31 Sharp-FL).  
554(12-27 Orr-FL). 343(12-27 Thompson-CA)

TUNISIA

7225 0552 R. Tunis: AA; AA mx w/OM vcls, ID @0600 by OM, foll by nx, //new 7125.  
[Also // 7280-ed.] 444(12-12 Orr-FL). 444(12-30 Sharp-FL)

ZAIRE

5066 2103 R. CANDIP(t): FF; vly wk..some OM babble and mx on stringed instruments.  
232(1-1 Sharp-FL)  
15245 2200 LV du Zaire: FF; great mx (tribal/hilife mix), OM ancr @2007 "La Voix du  
Zaire", tlk, more similar mx. Only audible after VOA vacates freq @  
2200 until HCJB's RR pgm @2230 on 15250. Sig wobbly, deep fades. 242  
(1-15 ed.)

ZAMBIA

3346 0404 R. Zambia: EE; OM details pf day's pgms, IS "This is the General Sce...  
from Lusaka"; pop mx; hvy UTE QRM. 323(12-21 Westenhaver-IN). 322(12-  
30 Sharp-FL). 211(12-30 Daly-NY)  
4910v \*0345 R. Zambia: Vern/EE; Fisheagle IS to 0353, vern ID, ment Home Service,  
ID@0400, "One Zambia One Nation", into nx. [SIO??](12-7 Smallwood-AL).  
333(1-6 Orr-FL). 433(12-21 Rocker-MS). 343(12-21 White-MS)  
[Several people have asked what a fisheagle sounds like....it sounds like a seagull.-ed]

ZIMBABWE

3396 0431 VO Zimbabwe(t): EE/Vern; no ID, but prob the one with pop mx; cochannel  
Latin (on 3395) already off. Vly poor audio. 2/322(12-30 Sharp-FL)  
[Media Network sez this country is planning an external sce.]

CLANDESTINE

4950v 0514 A Voz da Verdade: PP; OM tlk, chimes, YL ID, Afro mx. 332(12-9 Orr-FL).  
@0330. 333(12-27 Witte-CA)[Location: RSA-ed.]  
11975 1904 VO Libyan People: AA; OM tlk, chanting, strident tlk ment Libya; noted @  
2100 w/jamming. 343(12-20 Orr-FL). @0535 similar w/siren jammer. 322  
(12-8 Hosmer-MI)[Location: Egypt-ed.]

UNIDENTIFIED

4932 0319 UNID: PP; Afro mx, TCs, part. ID "Republica Popular..". 252(1-2 Orr-FL).  
333(1-1 Witte-CA).[Angolan..dunno which one.-ed.]  
4972 0438 UNID: PP; OM tlk, Afro mx, fade by 0500. 252(12-30 Orr-FL)  
[SCDX rpts UNID on 3316 frm 2101-2117, hrd by Bob Hill. Maybe Sierra Leone?-ed.]

.....  
This month's nat'l holidays: FEBRUARY 11-Youth Dy (Cameroun); 11-Armed Forces Dy-  
Liberia; MARCH 2-Battle of Adowa(Ethiopia); 3-Festival of the Throne(Morocco); 3-Mar-  
tyrs' Dy(Malawi); 3-Unity Dy(Sudan); 5-Independence Anniversary(Eq. Guinea); 6-Inde-  
pendence Day(Ghana). I can't promise you'll hr special pgms, but you never know!  
.....

RANDOM NOTES: Effective immediately, I will not use outdated logs, those without sig-  
nal reports, or those with insufficient details.....also, please send only your best  
logs for South Africa..I can only use so many rpts in this section, so please do a lit-  
tle editing yourselves.....Many thanks to Bob Thunberg for reading SCDX and Media Net  
to me over the phone!...congrats to M.A.R.E.(Mich club) on what sounded like a fine  
DXpedition...and of course thanks to all our sharp-eared contributors for their help!

*B,al*

## SIERRA LEONE

5980 2147 SLBS; EE; YL tlc, clr ments of Freetown, under vy strong OC. 322(1-2 Sharp-FL)[Excellent African condx necessary for this now that freq is hogged at best times by Paris and Moscow-ed.]

## SOMALIA

7200 0331 R. Mogadishu: AA; OM w/nx, 0336 full AA ID as per WRTVH, then pgm of mx/OM anmts and pop mx. 543(12-10 Orr-FL). 344(12-30 Sharp-FL)

## SOUTH AFRICA

3230 \*0300 R. RSA: EE; ID, TC, African Review. 333(12-12 Stanley-AZ). 444(12-14 Daly-NY). 333(12-24 Dillon-NC). 222(12-23 W'haver-QUE). 333(12-30 Sharp-FL)

3250 0308 R. Orion/SABC: EE/Afk; pop mx, multi-lang anmts & TCs, EE DJ reads list of wx around the world, nx @0330, gone by 0340. 333(12-24 W'haver-IN)

3930 0436 Capital Radio: EE; OM DJ, rock & pop mx, occasionally KO'ed by ARO QRM. 333/312(12-30 Sharp-FL). 322(1-2 White-MS)

4835 2125 SABC: EE; Nightline from Capetown: phone-in show addressing African problems (mostly traffic problems)[yep, traffic is probably this country's #1 problem!-ed.]. 444(12-6 Gerstner-NY). @0355 Dixieland mx to 0400, then "Calling All Farmers" pgm. 534(12-25 George-MA). 443(12-15 Thompson-CA). 344(1-3 Evans-TN). 333(12-18 Westenhaver-IN). 332(12-17 Norcross-CA). 333(1-1 Witte-CA). 434(12-21 Rocker-MD)

4880 \*0346 SABC: AFK; IS (like RSA but not identical). rooster crowing, then ID and NA. 544(12-25 George-MA). 444(12-28 Brown-IL). @2125 pop mx, OM DJ, interview, boys' chorus. 434(12-23 Dillon-NC)

4990 0303 R. RSA: EE: Nx about Uganda, ID, sports scores. 222(12-21 Brown-IL). 323(1-6 George-MA)

5980 0200 R. RSA: EE; OM cmtry cruelty to animals, Halley's comet over Africa. 423(12-18 Keenan-CA). 333(12-10 Stanley-AZ). 444(12-13 Brown-IL).

6010 0210 R. RSA: EE; speech by Ted Kennedy; QRM BBC/Ascension 6005. 422(1-2 Goodman-IA). 323(12-15 Brown-IL). 434(12-31 Berri-CA)

7270 2054 R. RSA: EE; and PF pgm, IS, EE sce opens w/OM nx. //9585 better hr. 453(12-22 Palmer-WA). 222(12-14 Westenhaver-QUE). 333(12-28 Brown-IL). @0300 OM w/nx. 333(12-9 Stanley-AZ).

9585 2100 R. RSA: EE; Nx, sports: Langer wins Sun City tournament, recap nx. 333(12-8 Brown-IL). 333(12-22 Frank-ONT). 333(12-22 Westenhaver-IN)

9615 0230 R. RSA: EE; tlc abt new hiking trail thru beautiful uninhabited forests; takes 3 dys to hike the trail.[and 4 dys to build a new "Homeland" at its end-ed.]. 433(12-13 Zirkelbach-CA). 434(12-15 Brown-IL). 454(12-14 Welch-MA). 444(12-15 Stephenson-CA). 544(12-23 Scheel-IA). 433(QRM de WHRI test)(12-7 Hosmer-MI). 555(12-6 Hunt-NC). 444(12-21 Levi-son-PA). 444(12-1 Cadorette-MA). 454(12-2 Hesch-NY). 333(12-7 Stanley-AZ). 333(12-18 Neff-OH)

9765 0544 Capital Radio: EE; string of ads for Coppertone, etc., OM ID, mx by David Bowie. 333(12-21 Berri-CA). @0605 end nx, ad for Sun Int'l vacations in Swaziland, wx, Bryan Adams mx. 343(1-10 ed.)

11900 2132 R. RSA: EE: "Peoples of South Africa", Africa Today, 2157\*. 454(12-11 Bingham-MA). 433(12-7 Brown-IL). 444(12-28 Roberts-FL). 444(12-28 George-MA)

15185 1746 R. RSA: Dutch; DX pgm w/tips on dipoles, nx headlines, 1756\*; QRM de unid carrier after 1750. 243(12-14 Westenhaver-QUE)

17780 1305 R. RSA: EE; Mailbag, tlc on magazines available from RSA. 232(12-7 Gerstner-NY). 343(12-19 Bingham-MA). @1500 TPs, ID, nx to 1505, pgm "Down Our Way". 343(12-21 Rocker-MS). 233(12-20 Brown-IL).

[NOTE: Media Network/Richard Ginbey report that R. RSA domestic sce in EE and AFK are closing down. Now, freqs 3320, 4835, and 4880 leave the air @1930, leaving only 3250 carrying Radio 5 to 2200, then into Radio Orion allnite sce.]

## SOUTH WEST AFRICA

3270 0501 R. SWA: AFK; YL ID, mx, //3295, completely KO'ed by UTE at 0503. 333(12-30 Sharp-FL)[This is the 3rd KO in David's rpts this month..these poor stations are taking a real beating!!-ed.]

3295 0353 R. SWA: AFK/EE; EZListening mx, YL w/ID @0400. 423(12-8 Berri-CA). 343(12-21 Westenhaver-QUE). 434(12-30 Sharp-FL). 122(12-24 Shamblin-AR)

## SUDAN

5039v 0422 R. Omdurman(t); AA; no ID hrd, only Qur'an recitations; slight mix/het w/USSR regional. 222(12-30 Sharp-FL). @2003 AA vocals, OM anmt @2010, QRM de Tbilisi by 2015. 241(12-9 Welch-MA)

MOROCCO

- 11760 2032 VOA Relay: EE; VOA Jazz Hour: xmas mx. Been trying for this all year!  
[well, there's your xmas gift from VOA!-ed.]. 433(12-24 Dickerman-PA)  
11920 2027 RTV Marocaine: AA; OM vcl mx, OM anmts, AA instrumentals. 322(12-7 Orr-FL)  
15335 1621 RTV Marocaine: AA; YL ID, into lcl mx w/OM presenter. 333(12-13 Westen-  
haver-QUE). //11920 much better. 243(1-6 Sharp-FL)  
17595 1445 RTV Marocaine: AA; Maghrebi mx, YL ID @1500 "Itha'at ul-Mamlakat il-  
Maghrebiyyah", nx headlines, call to prayer. 333(12-23 Dillon-NC)

MOZAMBIQUE

- 3212 0355 R. Mocambique: PP; pgm of lite mx, OM tlk @0358, decent sig strength,  
lousy mod. 333(12-30 Sharp-FL). vy poor. 121(12-30 Daly-NY)  
3338 0359 R. Mocambique: PP; audible w/some mx & ID, poss OM nx after 0400. Weak-  
er than 3212. 232(12-30 Sharp-FL)  
4733.7 \*0258 R. Mocambique: PP; NA, 4-note chime, into solemn tlk by YL. Usual UTE  
QRN gone. 453(12-19 George-MA). 242(12-13 D'Angelo-PA). 333(12-27 Witte-  
CA). 333(12-21 Rocker-MS). 252(12-31 ed.). (11-30 Nikolich-IL)  
9618 0455 R. Mocambique: PP; best ever hr, mx "Hello Africa", OM TC, @0500 4 chimes,  
ID/nx, then "Uma Data em Historia". 444(1-10 ed.). 333(12-30 Sharp-FL).  
333(12-14 Orr-FL)  
9637.5 0511 R. Provincial de Sofala: PP; pgm of Afropops, ancr over gtr/soprano sax  
bed every break, mni IDs. Bad hum in audio. 322(1-10 ed.)  
11818 0455 R. Mocambique(t): PP; some Michael Jackson mx, OM tlk, sig just above QRN.  
Seemed to //90m outlets. 132(12-30 Sharp-FL)

NIGER

- 3260 0647 RTV Niger(t): vern; nothing but flute mx, no ID or anmts given. 5020 was  
KO'ed by Albania. 232(12-31 Sharp-FL)  
5020 0632 RTV Niger: vern/FF; OM tlk, vern chants, @0700 2 pips & OM "Ici Niamey, la  
Voix du Sahel", then YL tlk. 333(12-27 Orr-FL). vy good(1-9 Sheedy-CA).  
@2123 in FF w/OM tlk. 242(1-8 Sharp-FL). 323(12-1 Hawk-VA)

NIGERIA

- 4770 2245 R. Nigeria-Kaduna: EE; Afro mx, OM New Yrs greetings, brief nxcast @2255;  
sked info, OM wishing all goodnite & Happy New Year. 2300\*. fair(12-31  
Thunberg-PA). 454(12-31 George-MA). 243(12-19 Abbinante-IL). 333(1-3  
Norcross-CA). 344(1-2 Sharp-FL). ???(1-11 Harnish-IN)  
5965 0648 R. Plateau, Jos: EE/vern; mx, ad: PRTVC will videotape your wedding in its  
new open-air studios; ID @0658 "...radio sce of the Plateau Radio Tele-  
vision Corporation, Jos."; 4 pips, TC, vern. nx. 343(1-10 ed.)  
6089.9 0610 R. Nigeria-Kaduna(t): Hausa; long interview w/YL & OM, great percussive  
mx, fade by 0632. fr/pr(12-20 Sheedy-CA). @0715 w/indigenous mx & Hausa  
pgm, mixing w/2 others on 6090. 222(1-10 ed.)  
7255 2022 VO Nigeria: EE; full ID, soul mx, end pgm anmts @2026, IS, into Hausa @  
2029. 433(12-14 Westenhaver-QUE). @0500 "Special Christmas Edition of  
VON", xmas songs, etc. 444(12-10 Zirkelbach-CA). 323(12-14 W'haver-QUE).  
@0800 222(12-7 Brown-IL). 544(12-12 Scheel-IA)  
11770 1959 VO Nigeria: EE; Afro mx, OM anmts, ID @ 2000. 252(12-20 Orr-FL)  
15120 2138 VO Nigeria: EE; OM wld nx, ID, cmtry on Afr problems. 342(12-9 Norcross-CA)

RWANDA

- 3330 0321 R. Rwandaise(t): unid; solid drum mx, no ID, hrd under CHU. pr(1-6 Sharp-FL)  
7225 0440 DW Relay: EE; OM discussing EEC policies. QRN co-ch Tunis.422(12-8 Hosmer-MI)  
9735 1940 DW Relay: GG; OM tlk, holiday mx, ments Deutschland, DW IS. 323(12-28Berri-CA)  
15410 \*1230 DW Relay: EE; s/on w/ IS & ID. 332(12-19 George-MA)  
17800 1254 DW Relay: EE; Newsline Cologne, pgm lineup, ID Afr. Sce. 444(12-10Bingham-MA)

SAO TOME E PRINCIPE

- 4805a \*0530 R. Nacional: PP; s/on w/military band NA, ID, then tlk by OM. Vy severe  
QRN de Africa #1. poor(1-6 Sharp-FL)

SENEGAL

- 4890 \*0557 RTV Senegal: FF; IS to 0559, NA, ID "Office du R.Diffusion Television du  
Senegal", freqs, into Qur'an recitations. vy good.(12-7 Smallwood-AL).  
@2145 lcl mx, anmts ment Dakar @2200, TC, nx. 433(12-23 Dillon-NC). 333  
(12-9 Cadorette-MA). 322(1-5 Thim-CT). 343(12-8 Weikel-MI).

SEYCHELLES

- 11720 1735 FEBa: unid; "What a Friend.." IS, then ment "Radio Feeba". 454(12-25  
George-MA).[WRTVH '86 lists lang as Oromo...small wonder you didn't  
recognize it!-ed.]



IVORY COAST

7215 0715 RTV Ivoirienne: FF; w/ads (milk, cigarettes, Renault), OM tlc, ID @ 0729  
 "R. Cote-d'Ivoire", nx pgm @ 0745. 323(12-10 Orr-FL). @2140 reggae and  
 Francopops, no AROs today; seems irreg sked hr. 333(1-2 Sharp-FL)

KENYA

7220 0316 VO Kenya: EE/SWA; OM tlc & hilife mx hrd; might be a decent signal were  
 jammer not here. 322(1-6 Sharp-FL)  
 9725 1412 VO Kenya: EE; tribal mx w/YL running cmtry on song's background; per anmt  
 it's a weekly pgm; TPs @1430, YL ID, into feat pgm. 242-221(12-14  
 D'Angelo-PA). @1500 disco & rap mx in mud, but clr YL ID "This is the  
 Voice of Kenya. It's 6 O'Clock..." into nx.[SIO??](12-5 Nikolich-IL)  
 [Media Network reports GS sked as 0300-0630 and 1830-2006/2106 wkends on 6000 (poss 6050  
 now--see next item), and weekdays 1300-1530 & weekends 0630-1530 on 9725.  
 Talkback reports reception of VOK in Swahili on 6050 from around 1800-2010\*, //4885]

LIBERIA [Sorry..abbreviated to save space. 'Twas either this or S. Africa again-ed.]  
 3230 2220 ELWA: EE; Bible talk, ID/freq/time, NA to 2227\*. 222(12-29 Daly-NY)  
 3255 2200 ELBC: EE;(D'Angelo/Rocker/Orr/Gerstner/Daly/George/Sharp/Westenhaver)  
 3990 0317 VOA Relay: EE; Dateline Africa, ID, Africa Nx. 322(12-31 Thim-CT)  
 4760 2200 ELWA: EE;(D'Angelo/Gerstner/Lehman/orr/Sharp/Westenhaver)  
 6070 0830 ELWA: EE; religion by Afro evangelists. Never hrd this late.(12-8Nikolich-IL)  
 11830 0815 ELWA: EE; ID, rel pgm in vern to 0845\*, off after IS.[SIO??](12-7Smallw'd-AL)  
 11860 2105 ELWA: AA?; sermon by OM, ment "ELWA Monrovia", into diff lang.354(1-8Sharp-FL)  
 11940 0630 ELWA: AA; IS to 0635, s/on, AA mx, rapid fade. 253(12-17 Rocker-MS)  
 VOA RELAY hrd on 6035/6045/7280/9550/11715/15315/15320/15445/16500/17870 by Berri/Bing-  
 ham/Brown/Dickerman/Sampson/Miller/Roberts/Westenhaver/Zirkelbach/Brewer/Alexander

LIBYA

6155 0322 R. Jamahiriya: AA; lcl AA mx, ID, long NA, off 0330\*(11-30 Nikolich-IL)  
 15415 1412 R. Jamahiriya: AA; AA mx OM vcls, ments of Jamahiriya, Qur'an discus-  
 sion. 444(12-17 Abbinante-IL)  
 ["V.O. the Greater Arabic Homeland" ES in AA sked 1200-1330 on 17895, 15235. All EE,  
 including V.O. Africa, currently gone. Libya has accused the U.S. Military of jamming  
 its domestic sce broadcasts. (R. Nederland Media Network)]

MADAGASCAR

3287v 0329 R. Madagasikara: Malagasy; occasional tlc OM, usual selection of local mx;  
 Belize off tonite, so coming thru QRN. 232(1-6 Sharp-FL)  
 7285 0003 RN Relay: Dutch; OM w/nx, ID. 343(1-2 Orr-FL)  
 9540 1836 RN Relay: EE;Nx, Newline re:Philippines elections. 433(12-12 Brown-IL).  
 444(11-30 Cadorette-MA). 232(12-28 Berri-CA). 444(12-4 Bingham-MA).  
 9715 2050 RN Relay: EE; Literary reading by Wm Burroughs. 554(12-31 Goodman-IA).333  
 (12-10 Bingham-MA)  
 11740 2015 RN Relay: FF; FF vers of Newline, freq IDs.//9540. 355(12-18 Rocker-MS)  
 15570 \*1528 RN Relay: AA; RN IS, AA ment Hilversum. 454(12-29 George-MA). @1630 in EE  
 454(12-12 Bingham-MA). 333(12-7 Brown-IL)

MALAWI

5995 0409 MBC: Chi?/EE; Euro- and Afropops, Honda ad @0411 w/phone #, ments of  
 Blantyre & Lilongwe, f/out by 0456. fr/pr(12-8Sheedy-CA)[showoff!-ed.]

MALI

4783.4 2235 R. Mali: FF; mx about border war w/Burkina-Faso, ID 2250, Afro mx. Usual  
 audio hum. 433(12-28 George-MA). 444(12-11 Gerstner-NY). 333(12-23 Dil-  
 lon-NC). 333(12-24 W'haver-IN). 333(1-2 Witte-CA).[runs //next freq-ed.]  
 4834.8 2205 R. Mali: FF; strong, w/stringed-instrument mx, FF anmts. 444(1-6 Sharp-  
 FL). 353(12-14 D'Angelo-PA). s/off 0002\*. 433(12-30 Bishop-NY). fair  
 (12-14 Sheedy-CA)  
 7285 0850 R. Mali: Vern; YL/OM tlc, gtr mx, ments Bamako. 433(12-10 Orr-FL)

MAURITANIA

4845 0700 RTV Mauritanie: AA; OM w/nx, into string mx. pr(12-25 Witte-CA). 433  
 (12-14 Scheel-IA). QRN de Columbia/4850. fr(12-31 Sharp-FL).

MAURITIUS

9709v 1435 MBC(t): unid; barely audible, apparent mx from Indian sub-continent,  
 YL tlc, couldn't hear ID. 232(12-31 Sharp-FL)

[This was fairly regular hr 'til quite recently--not a peep in past few weeks, 'tho...  
 not sure still active this freq; also, I don't recall exact details, but I heard some-  
 where some MidEast stn drifts arnd this freq too, so ID carefully.-ed.]

## EGYPT (cont.)

- 9756v 1855 R. Cairo(t): AA; almost nonstop AA mx (recitations), occ brief OM anmt @1940, fade by 2100. 322(1-10 ed.) [this one's been puzzling me for over 2 months now. Paul Donegan tells me Cairo sked hr (9755) from 0200-2200, and AA expert Peter Dillon sez he's heard "al-Qira'a min al Qahirah" (Recitation from Cairo) a few times hr, not //12050. Can someone get a positive ID here?? Please??-ed.]
- 9770 0542 R. Cairo: AA; AA mx w/YL voc, 0544 ID into OM tlc. 433(12-27 Orr-FL)
- 9805 2115 R. Cairo: EE; end nx by YL, mx to 2121, report on pgms in the desert. 433 (12-7 Hosmer-MI). 232(12-1 Cadorette-MA). A1844 in Ital. 353(12-20 Rock-
- 9850 1500 R. Cairo: AA; sounds like soap operas, no mx. //12050. 453(Donegan-CA) |er-MS)
- 11905 0531 R. Cairo: AA; YL w/nx, AA mx. 454(1-6 Orr-FL)
- 12050 2001 R. Cairo: AA; YL w/what sounded like wrld nx; bells on the hr. 354(12-23
- 17675 1230 R. Cairo: EE; march mx, YL nx, AA mx YL vocals. 232(Bingham-MA) |Shamblin-AR)
- 17690 1529 R. Cairo: Hindi/Urdu; end Hindi pgm, TP, into Urdu w/OM tlc, AA mx. 253 (12-21 Rocker-MS)

## EQUATORIAL GUINEA

- 4925 2137 RN Bata: SS; Afro mx, lively stuff to s/off anmts & usual long NA @2206\*. Wonder if they've dropped 5004? 242(12-28 D'Angelo-PA)
- 4926 \*0505 RN Bata: SS; late s/on w/lengthy NA, no anmts, into lcl mx & vocs. Strong-er at 0630 recheck. 333/434(12-30 Sharp-FL)
- 5003.6 2104 RN Bata: SS; YL/OM presumed nx, ID 2112 ment. Bata. Some WWV QRM, but the 500<sup>1</sup> bev. antenna aimed at Africa helped. 333(12-7 Hosmer-MI)
- 6250 2126 RN Malabo: SS; solid w/OM tlc, hrd in clr w/tlc about tourism and ments of Malabo. 343(1-8 Sharp-FL)
- [4925/5004 seem to alternate, and without any obvious pattern.-ed.]

## ETHIOPIA

- 7110 0540 VO Revolutionary Ethiopia: Amh; YL tlc, lcl mx, QRM de "bubble" jammer, better @\*0330. 222(1-8 Sharp-FL)
- 9560 1501 VO Revolutionary Ethiopia: EE; fade in, fair by 1507 w/mx, 1511 OM w/ID, pop & lcl mx, f/out by 1527. 232(12-28 Norcross-CA). 222(12-14 Soomre-MA)

## GABON

- 4810 2145 Africa #1: FF; end nx, full ID, rock/Afropops to s/off @2300\*. 444(12-30 Evans-TN). 455(12-7 Hosmer-MI). 434(12-23 Dillon-NC). @0510 ditto 444 (12-15 Zirkebach-CA). 333(1-4 Abbinante-IL). 544(12-31 Sharp-FL). 433 (12-6 Valentine-CA). 544(12-25 Brown-IL).
- 9570 0415 R. Japan Relay: RR/SW/IT; huge signal! RR to 0430, into Swedish @0445 & then Italian--ID/freq w/ment Moyabi relay. vy gd(12-15 Sheedy-CA). @ 0441 in SW/IT--Swed. ID & into Italian w/OM nx. 343(12-11 Westenhaver-
- 11705 1639 R. France Int'l Relay: EE; Literature Magazine; about author in Ni- |QUE) geria, rpt on Bantu tribe. 1650\*. 544(12-13 Brown-IL). 444(12-14 Miller-CA)
- 15200 1547 Africa #1: FF; tlc abt football w/cmtry on Chad-Gabon match. 333(12-14 Westenhaver-QUE). @1658\* switching to 15475. 534(12-25 George-MA)
- 15475 1950 Africa #1: FF; hilife mx, DJ talk about 1985's African mx. 544(12-22 Coleman-MA). 433(12-25 George-MA). 444(12-10 W'haver-QUE). 544(12-7 Berri-CA). 544(12-7 Valentine-CA). 444(12-25 Sharpe-CA). 454(11-30 Hesch-NY). 455(12-17 Rocker-MS). fair(1-6 Dickerman-PA)

## GHANA

- 3366 0543 GBC: EE; hilife mx, mni TCs & "Radio Two" IDs, ad @ 0555 ("9 out of 10 nutritionists recommend duck!"), full ID/nx @0600. 433(12-20 Westenhaver-IN). 434(12-30 Sharp-FL). @2150 pop/hilife mx & dedications, ID @ 2200 "This is the GBC", nx w/YL. 444(12-12 Gerstner-NY). 252(1-7 Welch-MA). 211(12-7 Hosmer-MI). 333(12-25 Levison-PA). 242(12-8 D'Angelo-PA). 454(12-26 George-MA). 333(12/22 Westenhaver-IN)
- 4915 0608 GBC: EE; nx: warning locals not to be setting brush fires. 333(12-8 Co-day-CA). 433(12-24 W'haver-IN). 333(12-12 Scheel-IA). 333(12-18 Brown-IL). @2248 OM nx, into Afro mx, foll. by rel. mx & vern tlc. 343(12-8 D'Angelo-PA). 333(12-8 Dillon-MD). ???(1-2 Sharp-FL)

## GUINEA

- 4910 2209 RDif Nationale: FF; OM w.ID, ment "Rep. du Guinee". 343(1-6 Sharp-FL)

## GUINEA-BISSAU

- 5475 0713 RD Nacional(t): PP; OM tlc, hrd under powerful OC, no clr ID hrd, though prob this. 211(1-2 Sharp-FL). @2256 w/nx & mx. 333(11-30 Hawk-VA)

ASCENSION ISLAND (Cont.)

17780 1620 BBC Relay: EE; tlk abt S. African violencé; ID. 333(12-20 Brown-IL)  
 17885 1552 BBC Relay: EE; mx by Berlin Philharmonic, Pgm lineup, nx/ 454(12-19  
 Bingham-MA). 222(12-14 Westenhaver-MA). 433(12-14 Brown-IL)/  
 21660 1732 BBC Relay: EE: "What the Afr'can Papers Say", 1745\*. 354(12-18 W'haver)

BENIN

4870 2100 ORTB Cotonou: FF; OM/YL tlk, gospel song, into Afro lang @2110, drums,  
 FF ID "La Voix de la Revolution". 333(12-23 Dillon-NC). @2237 mix of  
 EE/FF mx to NA & s/off 2359\*. 333(12-13 Gerstner-NY). @\*0458 on w/vcl  
 vers of NA, anmts & ID in FF. 333(date?-Rocker-MS). 434(12-30 Sharp-FL)

BOTSWANA

3354 0356 R. Botswana: Sets; Barnyard IS, NA/ID @0400. Hrd best using ECSS/LSB  
 to avoid UTE on 3357a. 333(1-6 Sharp-FL)  
 4820 \*0345 R. Botswana: Sets; beep tone for 5 min, then into moo cow/cowbell/rooster  
 clatter IS ot 0400, then NA , ID/freqs, into mx. 333(12-22 Abbinante-  
 IL). 333(12-17 Norcross-CA). 344(1-1 Sharpe-CA). 433(12-15 Scheel-IA).  
 444(12-14 Zirkelbach-CA). 554(12-24 George-MA). 333(12-21 W'haver-QUE)  
 7255 \*0347 R. Botswana: Sets; barnyard IS, NA, ID, prayer, icl mx. 444(1-3 Evans-TN)

BURKINA-FASO

4815 2320 RT du Burkina: FF; mx "We Are the World", long tlk, choral mx to "Ici  
 Ouagadougou" ID & s/off anmts, NA; 0001\*. 252(12-3 D'Angelo-PA). 333  
 (12-29 Evans-TN). @0638 w/nx, several items about Mali and recent  
 border war w/this country. 423(12-30 Sharp-FL). 333(12-19 Brown-IL)  
 [This freq was hrd jammed on 12/30, possibly by Mali. -SCDX]

CAMEROON

4000 0531 R. Bafoussam: EE; OM nx, ID "This nx is b/c in the Nat'l Sce of R. Came-  
 roon." //5010 Garoua 'til 0542, then lite pop mx. 222(12-9 Orr-FL). @  
 0655 in EE agn, mx pgm/DJ, ment of upcoming nx and wx. 333(1-2 Sharp-FL)  
 4795 \*0430 R. Douala: EE/FF; IS, ID "This is Douala, Ici Douala, R Dif du Cameroon",  
 ann //1106 kHz[bet you looked for it there too!-ed.], NA foll by hilife  
 mx. 232(12-31 D'Angelo-PA). 252(12-31 Norcross-CA). 232(12-23 Sharpe-  
 CA). 433(12-31 Sharp-FL). @2105 nx in EE. 434(12-22 George-MA)  
 4850 2103 R. Cameroon, Yaounde: EE; African nx, S. Afr/French relations, into Afro  
 mx @2113 w/FF ancr. CW QRM. 232(12-9 Sampson-WI). 243(12-22 George-MA).  
 353(12-8 D'Angelo-PA). @2105 EE nx, into FF pgm. 444(12-6 Gerstner-NY)  
 5010 0438 R. Garoua: FF/vern; Chanting, tlk in FF & vern, IS @0456 and again between  
 talk to 0530[huh?-ed.]. 222(12-23 Coday-CA). @0445 Afro mx, FF OM, then  
 EE nx, bk to FF @0505. 232(12-23 Sharpe-CA). 333(12-31 Sharp-FL). @2104  
 w/EE nxcst, ID, into hilife mx/FF OM DJ @2116. 443(12-23 Gerstner-NY)

CENTRAL AFRICAN REPUBLIC

5034.5v 0512 R. Centrafrique: FF; OM tlk, ments "Centrafricaine"[sounds like a pain-  
 killer used by Bangui dentists-ed.], telephone interview, ID @0530 and  
 YL nx. 242(12-12 Orr-FL). 433(12-31 Sharp-FL). @2228 YL cmtry about  
 Apartheid, OM ID @2234, into New Yrs Eve pgm. fair(12-31 Thunberg-PA)

CHAD

4904.5 2042 RN Tchadienne: FF; hilife mx, nx, ID/freqs @2100, 2 NAs: 1 sung by kids  
 and 1 played by band [what--no rap version??-ed.]. S/off @2104\*. 343  
 (12-23 Gerstner-NY). 242(12-26 D'Angelo-PA). @\*0457 in FF w/IS, ID/  
 freqs, mx, and tlk. 222(12-22 Coday-CA). 333(12-24 Westenhaver-QUE/IN).  
 @0650 OM tlk, Latin het, better hr afternoons. 232(12-30 Sharp-FL)  
 5287a 0539 R. Mondou(t): FF; OM w/"mensaje"-type notes [Ed. note: these are personal  
 messages broadcast by many Latin Am regionals], ment of listeners in  
 Cameroon & Gabon, no formal ID hrd but did hr ments Mondou, into bala-  
 fon mx. fr-gd(12-20 and 1-9 Sheedy-CA).[Nice catch from WCNA DAN!-ed.]

DJIBOUTI

4780 0311 R. Djibouti: AA; solid Qur'an recitations, hrd under hvy UTE/CW tfc[why  
 not write a nice thank-you note to FEMA, David?-ed.]. 322(1-6 Sharp-FL)

EGYPT

9455 0632 R. Cairo: AA; AA mx, YL tlk, more mx, YL tlk again. [sounds like some  
 fascinating programming-ed.]. Overmodulated. 444(1-2 Sharp-FL)  
 9475 0240 R. Cairo: EE; Life in Egypt pgm, mx, ID. 444(12-23 Roberts-FL). 533(12-  
 7 Hunt-NC). 433(12-8 Miller-CA)

# Africa

Al Quaglieri • P.O. Box 888 • Albany, NY 12201-0888

All times and dates UTC: Frequencies in Khz: \*0000 = s/on, 0000\* = s/off.

Submission Deadline is the 12th.

If you're at all interested in DXing Africa, this is the one column you'll keep coming back to for reference this year! With representation by nearly every African nation with a shortwave service, this month's loggings practically make up a concise "How to DX Africa" supplement! So increase your country count! Go for those QSLs! Impress your friends! Baffle the experts! Defy the sunspot count! Make millions in your spare time! (Let me know how you make out on that last one.).

LOGGINGS FOR FEBRUARY, 1986

## ALGERIA

- 9685 2003 R. Algiers: EE; OM nx abt Bulgarian visiting Algiers, etc., mx, ID/freqs/address. 333(12-5 Bingham-MA). @2010 nx, ID, pop mx. 232(12-14 Gerstner-NY). 252(1-1 Orr-FL). @0526 in FF w/old-time FF cabaret-style mx, YL ID. 333(12-30 Orr-FL)
- 15215 1941 R. Algiers: FF; tlk/ID by YL; usual terrible audio hum. 242(1-6 Sharp-FL)

## ANGOLA

- 4941 0708 ER de Malanje(t): PP; soft-spoken YL tlk, lcl pops, no clr ID, seems a little late for Angola, but this ain't Brazil. 232(1-2 Sharp-FL)
- 5043 0516 ER de Benguela: PP; OM tlk, Afro mx, chants; hrd often hr. 151(1-6 Orr-FL). @0426 lite mx, similar to SWABC, occ TCs/tlk OM. 333(12-30 Sharp)
- 7245 0740 R. Nacional(t): PP; possibly them w/hilife mx & OM tlk, no ID hrd.[SIO??] (12-8 Nikolich-IL)
- 9535 0526 R. Nacional: PP; Donna Summer mx, YL complete freq rundown, OM w/ID and "Oito o Canal B". 333(1-10 ed.). @2115 unid lang, under OC, hrd w/hilife mx & YL tlk. 322(1-8 Sharp-FL)

[Note: Yep, I promised an Angola feature here, and nope, I don't have the room for it this month. Next month for sure! Sorry 'bout that.-ed.]

## ASCENSION ISLAND

- 6005 2105 BBC Relay: EE; report on Bristol industries. 454(no CFCF!)(12-13 Fraser-MA). @0048 Westminster New Years sces. 444(1-8 Stransky-NY). 444(12-21 Levison-PA). @0520 Talkback on Network Africa. 444(12-12 Bingham-MA)
- 6020 \*0327 BBC Relay: EE; IS, ID: "Good morning, this is the BBC World Sce. b/cing to E. Africa from the Atlantic Relay Station." 353(12-16 D'Angelo-PA)
- 7105 0510 BBC Relay: EE; EE nx to FF program which began @0515. 433(12-19 Brown-IL)
- 9600 0602 BBC Relay: EE; Newsdesk re: WV prison riots, FF nx @0630. 332(1-4 Dickerman-PA). @0626 editorial from Brit papers. 343(12-8 Brewer-AR)
- 9670 \*0259 BBC Relay: EE; ID as Atlantic ry, into regular WS pgms. 434(12-11 Western-haver-QUE). @0405 nx, etc. Right atop VOA. 434(12-19 Rocker-MS)
- 11860 0500 BBC Relay:EE; World nx. 333(12-18 Alexander-NJ)
- 15105 1908 BBC Relay: FF; EE lang lesson: what to say if accused of stealing a pendant from a museum.[sounds vy practical-ed.] 343(12-14 W'haver-QUE)
- 15260 2020 BBC Relay: EE; "24 Hours" w/rpt on Syrian influence in Lebanon. 444(12-26 W'haver-QUE). @1710 nx, Xmas tlk. 444(12-1 Cadorette-MA)
- 15390 2156 BBC Relay: EE; New Yrs party; chimes, into PP @2200. 444(12-31 George-MA). @2216 pop mx, OM/YL w/New Yr greetings, ID. 444(12-29 Berri-CA)
- 15400 1635 BBC Relay: EE; "Sporting Life" pgm (African sports), "World Today". 333(12-30 Evans-TN). @1504 Nx, R. Newsreel. 333(12-13 Bingham-MA)

13665 1020 Kiev?: EE; Wld Svce?, f/out as tuned in (121 1/5 Dickerman-PA)  
13705 1651 Nikolayev Ukraine: EE; Soviets are working to stop the arms race but  
the U.S. continues in Warmonger ways (433 12/29 Thim-CT)(Neff-OH)  
(Dickerman-PA)(Westenhaver-IN)

15550 1330 EE; ID, nx in brief, tlk abt Israeli expansionism & high standard of  
human rights in Poland (233 12/14 Westenhaver-Quebec)

15585 1355 EE; Soviet folk mx, wld nx, // 15475, QRM kol Israel in RR (333 12/11  
Westenhaver-Quebec) Site is Lvov.

SPAIN Radio Exterior de España  
7105 2314 EE; nx items? interspersed w/brief musical bridges (322 1/5 DickermanPA)  
9360 0503 EE; YL invites listeners in Australia & New Zealand to write to EE lang  
svce, wld nx (433 12/11 Brewer-AR)

9630 0004 EE; wld nx, brief mx, ID @ 0012, sx (323 12/22 Blair-CA)(Stanley-AZ)  
(Neff-OH)(Rocker-MS)(Brown-IL)(Bingham-MA)

0133 EE; tlk, nx, local wx, mx (433 12/12 Roberts-FL)

11880 0057 EE; SS lang lesson, nx, ID (332 12/21 Bishop-NY)(Stanley-AZ)

11920 2227 SS; 2 OM w/tlks, YL w/ID, freq, sked (343 12/24 Berri-CA)

11945 \*2300 SS; IS, ID, nx, "Para America en Espanol," QRM (322 12/7 Prath-FL)

15375 1735 EE; wld nx, sx, Press Review, family traditions (444 12/14 Miller-CA)

17770 1602 SS; nx, ID (444 12/25 Brown-IL)(Berri-CA) /Saudi Arabia)

21595 0745 SS; ID, Xmas phone-in, horoscopes, Xmas mx, nx (454 12/24 Manderscheid/

SWEDEN Radio Sweden International  
9695 1408 EE; coverage of Nobel Prize banquet & special concert honoring Nobel,  
// 15345, QRM AFRIS 9700 (233 12/11 Westenhaver-Quebec)

2300 EE; nx abt Sweden, Rev. of politics & economy in Sweden, // 6045 (333  
12/22 Stanley-AZ)

11945 1401 EE; nx, ID, film premiere (333 12/? Neff-OH)

15345 1400 EE; Swedish Legion & folktales, trolls & elves in Scandinavia (555 12/8  
Hunt-NC)(Coleman-MA)(Brewer-AR)(Abbinante-IL)(Roberts-FL)(Brown-IL)

SWITZERLAND Swiss Radio International  
6135 0152 EE; flute mx, Dateline 0200-0210 (322 12/2 Marshall-AZ)(Goodman-IA)

6165 0205 EE; nx, problems w/ Malaysian Tin Council, Schultz criticises Yugo.,  
Mainpoints, Dateline, Soviet-Iraq tlks (423 12/17 Brown-IL)

6189 2259 EE; closing of EE pgm, mx (434 12/25 Bishop-NY)

9725 0200 EE; Dateline, Economic Week in Switz., // 9885 (333 12/7 White-FL)

0400 EE; nx, Ortega criticises U.S., // 6135, 9885, 9625 & 12305 (343 12/6  
Stanley-AZ)(Roberts-FL)

9870 1352 EE; tlk w/OM from Zurich brewery on drop in beer consumption in Switz.,  
co-channel RM QRM (333 12/18 Westenhaver-IN)

9885 0212 EE; tlk abt Gibraltar, Madrid & England (555 12/8 Cadorette-MA)  
(Sharpe-CA)(Hunt-NC)(Gerstner-NY)(Bingham-MA)

11935 1512 EE; IS, ID, freq, Swiss mx @ 1515, // 11840, 9885 & 15430 (434 12/12  
Berri-CA)

12030 1313 EE; Dateline, past week in Switz., Swiss SW Merry-Go-Round, accordion  
mx (333 12/28 Bingham-MA)(Brown-IL)(Westenhaver-Quebec)

15570 1328 EE; Alpine mx, nx, coup attempt in Nigeria, Dateline, Who meeting on  
AIDS in Geneva (322 12/20 Brown-IL)(Westenhaver-Quebec)

VATICAN CITY STATE Vatican Radio  
6015 0051 EE; special New Years pgm, Pope's N.Y. greetings (232 1/2 Stransky-NY)

6190 2105 EE; nx, ID, IS, SS @ 2110 (333 12/18 Rocker-MS)(Brown-IL)

6250 1714 FF/EE; Four Voices, wld nx in FF, 0721 EE ID & nx (333 12/24 Westenhaver  
9605 0055 EE; tlk abt Church 350 Years ago in Rome (535 10/12 Miller-CA) /IN)

9615 2220 EE; nx, new Costa Rica ambassador to the Vatican (444 12/29 Brown-IL)

9645 2027 PP; tlk by YL, ID (333 12/18 Rocker-MS)

11740 1458 GG; IS, ID, nx (444 12/23 Berri-CA)

11790 2041 Vern/EE; Vernacular pgming, 2045 ID, African Report, interview w/  
Vatican official, Pope speech on peace (333 1/4 Brown-IL)

15120 \*1045 EE; tlk on the meaning of Xmas (242 12/26 Welch-MA)(Brown-IL)(BinghamMA)

1552 EE; Bishop's Synod, blessing in Latin by Pope (242 12/8 Brewer-AR)

15405 \*1400 SS; bells IS; ID, IAM mx, tlk on veneration of Mary in IAM w/comments  
by Pope (333 12/13 Westenhaver-Quebec)(Brown-IL)

YUGOSLAVIA Radio Yugoslavia  
9620 2040 Greek; OM/YL tlk, Christianity (444 12/13 Miller-CA)

Write Em Up, Send Them In

7255 1454 Norw.; IS, EE ID by OM, new freq? (232 12/11 Blair-CA)  
9525 \*1900 EE; ID, targets & freqs, Line Up pgm, tlk abt prices of North Sea Oil  
gone down past 3 weeks (333 12/15 Bingham-MA)  
9590 1602 EE; ID, Norway Today (222 12/8 Brown-IL)  
11860 1558 EE; Norway Today-Nobel Peace Prize, problem of falling oil prices,  
Made in Norway (444 12/15 Brown-IL)  
15305 1416 Norw.; Mailbag, mx request show (344 12/14 Westenhaver-Quebec)  
15310 1320 EE; Newsletter from Norway, what Norw. eat for Xmas Dinner (444 12/8  
Hunt-NC)(Fraser-MA)(Prath-FL)  
17770 \*1300 EE; Norway Today, to Africa, // 15310 (232 12/15 Prath-FL)

POLAND Radio Polonia  
9540 1615 EE; Press Review, What's Been Said pgm, 1628 end of b/c (232 12/7  
Gerstner-NY)(Bingham-MA)

PORTUGAL Radio Portugal  
6095 0044 EE; nx, stamp pgm, tlk abt hand painted Port. stamps, march mx, 0102\*  
(444 12/28 Bingham-MA)  
9565 0300 ID, nx, what Schultz said during his stay in Yugoslavia, f/out 0310  
(322 12/18 Stanley-AZ)  
11800 1640 PP; to Eur, soccer game (453 1/5 Donegan-CA)  
15105 1606 EE; nx, tlk abt Dutch Minister visiting Port to tlk abt Port. & EEC,  
tourism pgm, march mx, 1631\* (343 12/12 Bingham-MA) /Quebec  
15285 1615 EE; pop mx pgm w/PP singers & inst mx (444 12/10 Bishop-NY)(Westenhaver/

ROMANIA Radio Bucharest  
5990 \*1930 EE; YL w/nx, poor signal (252 12/13 Welch-MA)(Rocker-MS)  
11940 1430 FF; FF svce to Africa (232 12/30 Daly-NY) 1300 EE OM w/nx, tlk on  
scientific research, QRM Finland (222 12/15 Westenhaver-Quebec)(Bingham

SOVIET UNION Sites from UHN Newsletter & Radio Database International  
7240 0358 Mayak Tula ERSFSSR: RR; IS, ID, nx by OM (333 12/18 Rocker-MS)  
9490 0350 R. Magallanes SS; tlk by OM/YL, ID 0358, IS, RM ID @ 0400 in EE (242  
12/7 Goodman-IA)  
12065 1420 R.S. Peace & Progress EE; comtry on Pakistan, ID (333 12/23 Frank-Ont.)

Radio Kiev  
5905 0033 EE; tour of the Ukraine, ID, story abt people in Ukraine over 100 years  
old, Ukrainian soccer (322 1/5-Thim-CT)(Roberts-FL)  
7205 0040 Lvov Ukrainian: EE; Ukraine Today (444 12/12 Ruhe-PA)  
9765 0302 EE; nx, trade betw US & USSR, USSR, Brazil, Nobel Peace Prize, Ukraine  
Today (333 12/11 Blair-CA)  
11860 0305 EE; Ukrainian nx, comtry on Libya, f/out 0315 (252 1/10 Sampson-WI)

Radio Vilnius  
5905 2300 EE; IS, ID, pgm info, wld nx, Lithuanian nx, tlk of Geneva Summit, pgm  
The Way We Live abt radio & computers in Lith. (444 12/13 Soomre-MA)  
(Rocker-MS)

Radio Moscow I believe I have enough room to fit all freqs reported in.  
4055 0735 Kalinin ERSFSSR: RR; mx, long pause, OM w/tlk & class mx (232 12/16  
Quaglieri-NY)  
4930 0229 lang; IS, presumed nx (142 12/12 Daly-NY)  
5915 2230 Simferopol Ukraine: EE; wld svce, Audio Book Club on Sat. (544 1/4  
Dickerman-CA)(Dillon-NC)(Rocker-MS)(Thim-CT)  
5980 0120 Riazan ERSFSSR: EE; political tlk, mx, // 7115 (333 12/22 Prath-FL)  
1845 Moscow ERSFSSR: EE; tlk, orch mx, // 5900 & 5950 (422 12/8 Berri-CA)  
6000 0430 Ulyanovsk? ERSFSSR: EE; ID, nxbrefs, mx contest (444 12/8 Berri-CA)  
1200 EE; wld nx, political comtry, feature on young mxians (433 12/31 ThimCT  
6020 2250 Kiev Ukraine: EE; Audio Book Club (544 1/4 Dickerman-PA)  
6065 2100 Danish; IS, ID, nx (434 12/28 Soomre-MA)  
6150 0600 EE; IS, s/on amnts, nx, // 5900 (333 12/13 Rocker-MS)  
6175 2159 Armavir ERSFSSR: EE; chimes, ID, nx, under BBC (222 12/25 Rocker-MS)  
6200 0658 EE; ID, theme mx, nx, // 7360, 7310, 7165 (545 12/16 Rocker-MS)  
7150 0050 Lvov: EE; Tashkent subway & those in other cities are extending their  
networks, Tonight (444 1/5 Dickerman-PA)(Ruhe-PA)(Roberts-FL)(SampsonWI  
7290 0112 Moscow: EE; Party Congress will be main political event of the year,  
American farmers & agricultural employment crisis (444 1/5 Dickerman-PA  
7370 0200 Moscow?: SS; ID "Estaes RM," QRM KGEI on 7365 (322 12/18 Rocker-MS)  
7400 2043 EE; speech by Gorbachev, In the News Today (454 12/10 Westenhaver-Queb.  
11710 1600 RR; to Sea, tlk by OM/YL, QRM France 11705 (443 1/5 Donegan-CA)  
12800 2048 Armavir: EE; childhood in Pakistan, mx (444 12/8 Neff-OH)  
11860 1705 Vinnitsa Ukraine: EE; S. Afr. violence, social pgm cuts in U.S. budget,  
Mainpoints, The Way We See It (444 12/24 Brown-IL)



11680 1500 AA; to Afr/Eur, AA mx, tlk, ID @ 1600 (453 1/5 Donegan-CA)  
12040 1327 Hungarian; tlk w/ment of America, 1329 "Ttt London" ID, freq used  
Sundays only (333 12/15 Westenhaber-Quebec)  
12095 1332 EE; sports nx w/detailed U.K. Football results, awful echo (333  
12/15 Westenhaber-Quebec)  
15070 1515 EE; tour of London's Tower Bridge (353 12/11 Fraser-MA)(Brewer-AR)  
17705 1544 EE; concert from Royal Albert Hall in London (333 12/15 White-FL)  
17790 1458 EE; Album Time, ID, TP, wld svce nx (344 12/21 Rocker-MS)  
Voice of America relay  
6040 0504 EE; nx, report of doctors for Armed Forces, Shuttle Columbia put  
off for a day, Newsline, Economic Report (433 12/17 Brown-IL)  
15205 1545 EE; Press Conference USA on OAS & Cent. Am., QRM Africa #1 (322  
12/14 Westenhaber-Quebec)

GREECE Voice of Greece  
7430 1925 EE; nx, train crash in Italy, Space Shuttle mission postponed,  
Greek mx @ 1930 (444 12/24 Coutermarsh-VT)(Rocker-MS)(Stanley-AZ)  
9420 0340 EE; ID, nx, Greek Prime Minister has declared that a firm hand will  
be used to deal with any future terrorism, // 7430 & 9905 (343 12/6  
Stanley-AZ)  
11645 1542 EE; nx, rpt on the pre-election campaign in Greece, 1550\* (354 12/7  
Gerstner-NY)(Bingham-MA)(Westenhaber-IN)  
15630 1540 EE; nx, tlk abt Greece budget for 1986, U.S. Secretary of State  
visiting Greece (333 12/9 Bingham-MA)  
17565 1520 Greek; mx, ID, end of b/c @ 1550 (444 12/14 Brown-IL)  
Voice of America relay  
9680 1350 Urdu; tlk abt alcoholism in America w/EE interviews translation into  
Urdu, wld nx, Yankee Doodle, het (323 12/26 Dillon-NC)  
11760 1806 EE; wld nx, Focus w/story of Schultz visit to Communist Eastern Bloc  
(333 1/5 Thim-CT)

HUNGARY Radio Budapest  
6025 0215 EE; YL tlk, AFRIS QRM (533 12/7 Miller-CA)(Stanley-AZ)  
11910 1517 EE; DX pgm, info on how to join RB SW Club, nx (232 12/13 Bingham-MA)

IRELAND Radio Dublin International  
6910 0015 EE; pop songs w/YL singer, OM ancr, f/in slowly (333 12/10 Hunt-NC)

ITALY Radiotelevisione Italiana  
5990 0100 EE; IS, ID, nx, Sudan Prime Minister to resume tlks w/Italian Premier  
Craxi, mx, 0120\*, into FF @ 0121, // 9575, QRM VOA 5995 (333 12/17  
Stanley-AZ)  
6150 1806 II; Xmas mx by Kenny Rogers, Springsteen, IS (252 12/22 Quaglieri-NY)  
9575 0100 EE; nx by YL, into FF 0120 (555 12/7 Miller-CA)(Stanley-AZ)  
Adventist World Radio  
6205 2000 EE; IS, open mx, Life Sounds pgm, request for reports (333 12/13 Soomre  
/MA)

LUXEMBOURG Radio Luxembourg  
6090 0000 EE; do not drink & drive, pop tunes (433 12/9 Hunt-NC)

MALTA Radio Mediterraneo  
6110 2217 FF; old-time FF pop mx, amnts, NA, 2231 into EE (434 1/1 Orr-FL)  
2310 EE; mx, ID, 2329 end of pgm (222 12/17 Brown-IL)(Shamblin-AR)  
6110 2015 IBRA Radio Bible Alive pgm (444 12/21 Welch-MA)(Soomre-MA)(Bingham-MA)  
11795 1620 Deutsche Welle relay GG; to Middle East, tlk, QRM (432 1/5 Donegan-CA)

MONACO Trans World Radio  
7160 0723 EE; IS, ID, freq, gospel mx, Back to the Bible, Light & Life Hour, QSB  
& QRM increasing @ 0800 (433 1/3 Evans-TN)(Weikel-MI)(Coday-CA)

NETHERLANDS Radio Netherlands  
6020 0151 EE; SW Feedback, question on calendars, mx, freqs (322 12/7 Brown-IL)  
9895 0138 EE; Newsline on Nobel Peace Prize & trial of ex-junta members in  
Argentina (232 12/11 Westenhaber-Quebec)  
13770 \*1427 EE; Happy Station Show (243 12/22 Gerstner-NY)(Bingham-MA)  
15560 1433 EE; Happy Station, mx (444 12/15 Bingham-MA)(Ruhe-PA)(Brown-IL)(WhiteFL)  
17605 2110 GG; ID, nx in Dutch till closed 2125 (333 12/14 White-FL)

NORWAY Radio Norway International  
6015 \*2200 Norw.; s/on amnts by GM, nx (433 12/21 Welch-MA)

CZECHOSLOVAKIA Radio Prague  
5930 2345 EE; IS, anthem (horns), nx, tlk, comtry, signal suffered at times due to QRM (333 1/2 Abbinante-IL)(Neff-OH)(Neuerth-CO)(Stanley-AZ)  
7345 0300 EE; ID, nx, Czech leader has met w/ the Romanian leader to discuss the results of the Geneva Summit, comtry on a team of American businessmen to Moscow to tlk w/ Gorbachev (333 12/11 Stanley-AZ)  
9505 1130 EE; semi-classical mx (222 12/17 Alexander-NJ)  
15110 \*1530 EE; nx YL/OM ancrs, QRM HCJB (242 12/26 Welch-MA)  
21705 0731 EE; ID, Xmas eve pgm-Review of 1985 in Czech, Xmas mx (454 12/24 Manderscheid-Saudi Arabia)

DENMARK Radio Denmark  
15165 1340 Danish; tlk w/3-4 people, 1352\* w/ ID in EE, NA (444 12/15 Prath-FL)

FINLAND Radio Finland  
11945 1402 EE; Finnish Independence celebration, trade news, wx, Compass North abt Independence (333 12/7 Neff-OH)(Alexander-NJ)(Dillon-MD)(Bingham-MA)  
15400 1330 EE; Airmail pgm, letters mentioned Dec 6 Independence Day (444 12/8 Hunt-NC)(Bingham-MA)

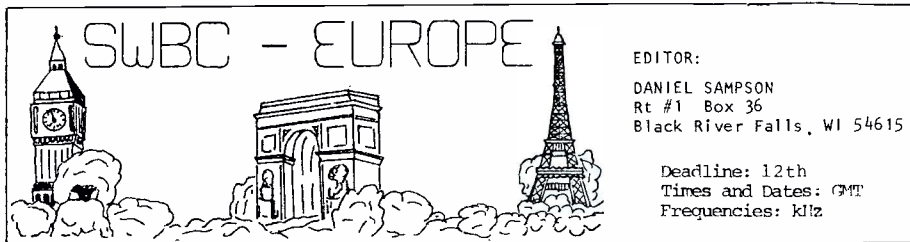
FRANCE Radio France International  
5950 0031 SS; ID, to Latin Am, YL (343 1/2 Stransky-NY)(Brown-IL)  
7135 0445 EE; nx, African summit in Paris, French politics (222 12/14 Brown-IL)  
9535 2158 PP; ID, mx (444 12/28 Woering-MA)  
9790 1845 FF; pop vocal mx, ID @ 1855, tlk, accordion mx (343 12/30 Goodman-IA)  
9800 0345 EE; new hijacking details (444 12/1 Stephenson-CA)(White-FL)(Miller-CA)  
11930 1600 EE; Paris Calling Afr, 12th ann Franco-S. Afr. summit ended in Paris yesterday, Afr mx, Spotlight on Africa (333 12/14 Stanley-AZ)(Brown-IL)  
15300 1857 FF; accordion mx to 1900, ID, nx (354 12/18 Rocker-MS)  
15365 1508 FF; mx, ID, tlk by OM (545 12/28 Roberts-FL)  
17605 1930 PP; OM w/ID, nx, audio drops out like a bad cable (544 12/1 Cadorette-MA)  
17620 1640 EE; Rpt on France-African summit, S. Afr. violence (444 12/12 Brown-IL)(Bingham-MA)  
17720 1250 FF; rock mx vocals in FF & EE, ID @ 1300 (333 12/13 White-FL)(Rocker-MS)  
17850 1445 FF; 2 OM tlk, pop mx, ID, QTH, IS, accordion mx @ 1455 (444 12/14 Thompson-CA)

GERMAN DEMOCRATIC REPUBLIC Radio Berlin International  
6125 2210 EE; mailbag pgm, Euro svce sked, s/off anmts (544 12/8 Rocker-MS)(Soomre-MA)(Bingham-MA)(Westenhaver-Quebec)  
15145 1603 DD; rock mx, ID @ 1606, into nx? (322 1/4 Blair-CA)

GERMAN FEDERAL REPUBLIC  
6085 0000 Norddeutscher Rundfunk GG; (BR relay), ID "Hier ist der Norddeutscher Rundfunk mit Nachrichten," nx, wx, traffic advisory, C&W mx, GG version of On the Road Again (Auf der Autobahn) (333 12/23 Shanklin-MA)  
6085 0820 Bayerischer Rundfunk GG; OM Tlk, GG pop mx, many ads for businesses in Munchen (Munich), few IDs (333 12/13 Lehman-MA)(Shanklin-MA)(Orr-FL)

Deutsche Welle  
3995 2341 GG; Say You, Say Me pgm, nx, tlk, EE songs (433 12/17 Neff-OH)(Stanley/AZ)  
6045 0601 GG; IS, ID in EE, wld nx, political tlk (333 1/5 Abbinante-IL) /AZ)  
6100 2204 GG; nx, on top of YUTO (444 12/13 Rocker-MS)  
9585 1503 Hindi/Urdu; ID after Urdu pgm closed @ 1520, into Hindi, Urdu has alot of words that sound like Sanskrit, excellent bridge mx (gd 12/20 Sheedy/CA)  
11795 2345 GG; German choir w/OM ancr (555 12/10 Ruhe-PA) /CA)  
15135 1035 EE; tlk w/ head of Int'l Olympic Committee for FRG, 1050\* (454 12/26 Welch-MA)(Bingham-MA)  
15150 1545 EE; learn GG, Afr svce, time, freq bands, 1550 into new lang (444 12/21 Brown-IL)  
15320 \*1240 Indo.; BRD transmitter anmt, wld nx, under Austria until 1255, under Dubai after 1257 (222 12/16 Westenhaver-Quebec)  
17765 1244 EE; Afr svce, wld nx, ID @ 1248 (333 12/13 White-FL)

GREAT BRITAIN British Broadcasting Corporation  
3955 2244 EE; ID, into Queen's Xmas b/c (333 12/25 Thim-CT)(Westenhaver-IN)  
3975 0351 Rom.; IS to 0400, into Romanian to Europe (433 12/7 Hosmer-MI)  
5975 2245 EE; Queen's b/c to the people of the Commonwealth (433 12/25 Bishop-NY)(Roberts-FL)(Ruhe-PA)(Westenhaver-Quebec)  
7325 0001 EE; wld nx, opposition groups in Philippines agree on widow of slain leader Aquino for election (343 12/12 Brewer-AR)  
9825 1850 AA; nx, nx, Big Ben's chimes on hour, bad QRM (323 12/20 Rocker-MS)



EDITOR:  
 DANIEL SAMPSON  
 Rt #1 Box 36  
 Black River Falls, WI 54615

Deadline: 12th  
 Times and Dates: GMT  
 Frequencies: kHz

This will be my 28th column and I'm still having fun. I received a lot of logs this month and will have no problem filling five pages. I wasn't expecting this amount of support this month but you SPEEDXers always pull through.

- ALBANIA Radiotelevizione Shqiptar (Gjirokaster)  
 5020 2001 Albanian; vocal mx, OM w/anmts (353 12/21 Welch-MA)  
Radio Tirana  
 7065 0020 Albanian mx w/vocals (444 12/22 Levison-PA)(Brown-IL)  
 0530 SS; nx, contry (333 12/19 Hawk-VA)  
 7080 0645 EE; Albania's progress in science, OM rattling on abt "democratic capitalism" and "consumer societies" ala Lenin (322 12/23 Brewer-AR)  
 7120 0238 EE; nx, Reagan's proposed military budget (433 12/9 Coleman-MA)  
 7300 0337 EE; wld nx, pgm Albanian Calendar (444 12/11 Roberts-FL)(Jones-TX)  
 9430 2327 SS; pop mx, nx, ID by YL, tlk, the Internationale-their s/off? (332 12/28 Sharpe-CA)  
 9480 2001 EE; nx, contry on facism & Leninism (454 12/29 Woering-MA)  
 9500 1945 EE; Albanian mx, tlk abt violence in S. Afr. (333 12/24 Coutermarsh-VT)  
 2002 FF to 2028\*, nx, "Ici Tirane" ID @ 2004, tlk, mx 2016, Anthem @ 2026; Persian (Farsi)? \*2030-2058\*, ID, OM w/nx, 2051 distinctively Tiranian male-chorus martial-sounding mx, NA; Turkish? \*2100 almost no copy by this time (352 12/30 Palmer-WA) I hope it is not too confusing the way I wrote this out!-djs  
 9760 0010 EE; OM w/nx abt unemployment in Capitalist countries, tlk abt Albania (434 12/23 Berri-CA)  
 11985 \*1400 EE; tlk abt celebration of 1986, nx, Albanian economic outlook, tlk abt CIA (222 12/31 Bingham-MA)
- AUSTRIA Radio Austria International  
 6155 0650 EE/GG; OM tlk abt model industry-ROCCO trains mentioned, YL ends pgm w/ID @ 0655, into GG w/OM (354 12/8 Hosmer-MI)(Bishop-NY)(Miller-CA)  
 9665nf 1430 EE; ID by YL @ 1430, Looking Back on '85, interview w/WYFR staff person (fr 12/15 Sheedy-CA) nf replacing 7240 for E.Asia (232 12/15 Westenhaver-Quebec)  
 9770 1350 GG; Strauss waltzes, ID & freq info, 1357\* (322 12/19 Westenhaver-IN)  
 15320 1230 EE; Panorama, recordings of WWII radio b/c (454 12/8 Fraser-MA)  
 (Bingham-MA)(Westenhaver-Quebec)
- BELGIUM Belgische Radio en Televisie  
 5895 0045 EE; folk mx, rpt on the Arts in Belgium, hvy QRM on // 5910 (444 12/22 Prath-FL)(Westenhaver-IN)  
 1934 EE; tlk on Common Market & wx in Belgium (353 12/21 Welch-MA)  
 5910 0045 EE; DX pgm, very wk but fairly clear (143 12/23 Shamblin-AR)(Hosmer-MI)  
 11695 1500 DD; to Africa, mx Dutch & American, tlk (453 1/5 Donegan-CA)  
 15590 1300 EE; sked, Belgium Today, King & Queen celebrate 25th Wedding Anniv (444 12/14 Coleman-MA)(Neff-OH)(Bingham-MA)(Westenhaver-Quebec)
- BULGARIA Radio Sofia  
 7115 0440 EE; contry, DX pgm (333 12/8 Coday-CA)(Hosmer-MI)(Brown-IL)(Prath-FL)  
 2130 EE; nx, buried by QRM from CW & ARO, initial ID hrd clearly (322 12/15 Stanley-AZ)(Fraser-MA)  
Radio Moscow relay  
 7115 0026 EE; fine Bach organ mx, pgm Tonight, tlk (433 12/12 Brewer-AR)(Fraser-MA)  
 0342 EE; tlk abt human rights, anti-U.S. (545 12/11 Roberts-FL)(Shamblin-AR)  
 7215 2345 EE; ARO QRM, tlk on farm production, // 7290, 7150 & 7115, jazz & banjo mx (333 12/24 Sampson-WI)

U.S.A. (cont.)

07400 0535 EE WHRI ez listening music;IS and ID by OM(323 1/11/86 Sable PA)  
 09615 0259 SS KGET ID;mx(243 12/08/85 D'Angelo PA)  
 09770 2117 EE WHRI First transmission: Xmas songs;IDs; names of donors and  
 their favorite bible verses 333 12/25/85 Westenhover IN)  
 09780 2100 EE WHRI Test;special qsls(555 12/22/85 Schmucker NE)  
 11780 2331 EE WHRI test;the international service of LeSea Broadcasting  
 Corp.(233 12/06/85 Dickerman PA)  
 11790 1303 EE WHRI Carrier;test tones;ID(444 12/07/85 Dickerman PA)  
 11790 2010 EE R.Earth Shortwave Pandemonium(323 12/29/85 Woering MA)  
 11790 1346 EE WHRI Tests and report requests(544 12/08/85 Gerstner NY)  
 11790 1900 EE R. Earth via KCBI; listeners' poll results(444 12/15/85 Neff OH)  
 11830 2215 EE WYFR Family Bible counseling;ID(555 12/26/85 Brown IL)  
 15125 1857 AA/EE UN Radio Report on Women's Rights(333 12/11/85 Brown IL)  
 15135 1840 Amharic VOA via Bethany; EZL and pop mx(323 12/14/85 Westenhover OU)  
 15170 1944 EE WYFR Congratulatory letter to Family Radio from Reagans(523 12/17/85  
 Knight WA)

VENEZUELA

03225 2350 SS R. Occidente Musica latina(333 12/29/85 White MS)+4  
 03253 0327 SS V. Tigre Latin pops and echo ID(243 12/30/85 Daly NY)  
 03275 0900 SS R. Mara OM does religious program; gives telephone nos. and address in  
 Maracaibo (444 1/01/86 Sable PA) (222 12/28/85 Atkins WA)  
 04770 2245 SS R. Mundial Bolivar Time check; ID; cumplean'os announcement(323 12/22/85  
 Westenhover IN)+3  
 04780 2220 SS V. Carabobo Musica latina; ID(444 12/26/85 George MA) ID; time  
 checks; dance mx(222 1/01/85 Sharpe CA)  
 04830 0315 SS R. Tachira Musica latina; OM:ID(433 12/30/85 White MS)+3  
 04940 2317 SS R. Yaracuy Musica latina; YL:ID(444 12/29/85 White MS)+3  
 04970 0240 SS R. Rumbos Musica latina; OM:ID(343 12/16/85 White MS)  
 04980 0228 SS Ecos del Torbes ID; mx; om(343 12/16/85 White MS)+5  
 09660 0900 SS R. Rumbos Musica latina(444 12/19/85 Coday CA)+3

William Westenhover sends in the following schedule of KVOH, a new sw station which will begin testing in late February or early March. The station is located in Rancho Simi, California and is financed by the same people who set up the Voice of Hope in Lebanon, High Adventure Broadcasting Network:6005 at 0600-0800; 9525 at 1400-1600; 9852.5 at 0300-0600; 11930 at 0000-0300; 15120 at 2200-0000; and 17775 at 1600-2200. Also look for them on 11940 at 1400-1700 and 15250 at 2200-0100 later in March.

I would like to thank all the contributors this month and I hope to hear from you again next month. Please send your "cut" loggings either directly to me by the twelfth of the month or to Peggy Thompson (our CDE) by the fifth of the month.

*W. J.*

NETHERLANDS ANTILLES

Radio Netherlands Relay Trans World Radio  
 06020 1120 EE RN Happy Station(444 1/05/86 Luxon IL)  
 06145 0725 PP TWR IS(434 12/17/85 Rocker MS)  
 06165 0605 EE RN relay Happy Station; Xmas greetings; birthday greetings(544 12/23/85 Dickerman PA)+1  
 09535 0436 EE TWR Om on Xmas in Bermuda(344 12/23/85 Shamblin AR)  
 09590 0231 EE RN Newslines; Images(534 12/17/85 Brown IL)  
 09630 0752 EE RN relay Images; the mx of Mozart(344 12/24/85 Westenhaber IN)  
 09630 0628 Dutch RN Nx(444 12/28/85 Brown IL)  
 09715 0530 EE RN Wednesday Report; Dutch Diary(544 12/11/85 Brown IL)  
 11815 1225 EE TWR Aruban independence; Caribbean news(454 1/01/86 Bingham MA)+3  
 15195 1730 EE/SS TWR Pres. Freed gives Xmas message(444 12/25/85 Soomre MA)  
 17605 1847 EE RN Shortwave Feedback(333 12/28/85 Bingham MA)  
 21685 1830 EE RN Happy Station; compact discs(454 12/17/85 Knight WA)+3

NICARAGUA

06015 0010 SS V. Nicaragua Pres.Ortega gives talk; more political discussions(434 1/02/86 (Abbinante IL)+3

PARAGUAY

09750 0105 SS R. Nac. Pop mx; ID; accordin mx (333 1/02/86 Sharpe CA)

PERU

04460 0417 SS R. Norandina vocal mx; ID; freqs; Andean flutes(333 12/21/85 Rocker MS)  
 04762 0535 SS R. Inca YL & OM; ID(222 12/12/85 Orr FL)  
 04790 0250 SS R. Atla'ntida New Year greeting; Latin vocals(222 1/02/86 Atkins WA)+4  
 04935 0224 SS R. Tropical DJ thanks listeners for support(252 1/02/86 Orr FL)+2  
 04970 0310 SS R. Atlantida ID;mx(222 12/16/85 Jones TX)  
 05010 0300 SS R. Eco Pop mx; IDs(333 1/03/86 Evans TN) Hard rock; Inca Cola ad(323 12/27/85 Dillon NC)  
 05030 1119 SS R. Los Andes Flute mx; ID 'buenas dias Peru y America'(Quaglieri NY)  
 05030 0305 SS R. Los Andes /tent/ TC; OM NA(232 12/27/85 Dillon NC)

PIRATES

07370 2027 EE Voice of Communism parody of Russian station; Tchaikovsky IS; Long Island phone no.(343 12/22/85 Westenhaber IN)  
 07375 0415 EE R. Clandestine IDs(222 12/25/85 Jones TX)  
 07425 0413 EE WMTV DJ=AC-DC; ID: South Florida's hottest rock on sw. Phone no and addr. said 75 watts power. 333 12/28/85 White MS)  
 07435 0215 EE R. Hypewave "Oldies; gave Fullerton CA maildrop"( 12/30/85 Jones TX)  
 07439 0240 EE WPBR Pig Boy Radio; consecutive reception report contest announced (FCC was winner? TFS) LSB(12/25/85 Jones TX)  
 07439 0240 EE WPBR Face transplants(444 12/25/85 Coutermarsh VT)  
 07440 2022 EE WGAT Gator Radio 'operating from the Great Dismal Swamp of Virginia'(444 12/28/85 Coutermarsh VT)

U.S.A.

condensed from 117 logs (WHEW!)

WHRI on 5995- 2 loggings test tones on 7355- 4 loggings on 11865- 4 loggings  
 " " 6100- 9 " on 9615- 2 " on 15105- 2 "  
 " " 6155- 5 " on 9770- 5 " on 15355- 5 "

VOA- 23 loggings AFRIS- 10 loggings VOFC via WYFR-11 loggings  
 WRNO-7 loggings R. Marti-6 loggings KNLS (Alaska)-4 loggings  
 BBC relay (via Greenville)-3 loggings KCBI-4 loggings

HCJB (cont.)

11900 2210 Quech OM mentions Jesus/tentative/(444 12/29/85 Berri CA)  
 11910 0056 EE Insight for Living; Calendar offer(444 12/18/85 Neff OH)  
 11960 1215 SS History prgm(544 12/29/85 Brown IL)  
 11960 2200 CC 1st CC bdcst;Xmas mx(322 12/25/85 Soomre MA)  
 15115 0153 EE Discovery:animal behavior(333 12/15/85 Westenhaber QU)+2  
 15160 1810 SS Religious talk(444 12/16/85 Miller CA)  
 15270 2125 GG YL;Xmas mx;ID(444 12/25/85 Berri CA)+3  
 15395 1649 PP Religious music;OM; ID(222 12/13/85 Westenhaber QU)  
 17745 2230 JJ Time pips;ID;OM(454 12/29/85 Berri CA)  
 17790 1830 GG German Christmas mx;YL talks with young children(555 12/24/85 Ruhe PA)  
 Mailbag(454 12/28/85 Bingham MA)  
 17890 1510 EE Shalom(444 1/02/86 Bingham MA)

GREENLAND

3999 0120 ?? Gronlands Radio OM & YL one time pip; tones; mx (222 12/08/85 Hosmer MI)

GUATEMALA

03300 0357 SS/EE R. Cultural Moody Presents(222 12/25/85 Westenhaber IN)+3  
 03360 0042 SS V. Nahuala' OM gives TC;SS pop mx; speech about workers and the year 1976;ID 242 12/31/85 Quagliere NY) Marimba; occasional talk; ID at sign off(253 12/27/85 D'Angelo PA)  
 03370 0008 SS R. Tezulutla'n musica latina;/tent/ (12/29/85 Berri CA)+1  
 03380 0004 SS R. Chortis marimba mx;ID with call letters; trumpet mx(343 12/31/85 Quaglieri NY)  
 04825 2346 SS R. Mam ID; vocals; frequency; signoff(353 12/07/85 D'Angelo PA)+1  
 04835 0126 SS R. Tezulutla'n flute local type mx;ID (433 12/21/85 Berri CA)

GUYANA

RFI relay

05055 2130 FF economic development(323 1/06/86 George MA)  
 05950 2155 FF ( 455 12/13/85 Rocker MS)  
 06055 0445 EE/FF Nx;ID(534 12/11/85 Blair CA) 0414 (12/10/85 Brown IL)  
 06170 0933 FF Om on FF politics(433 12/10/85 Orr FL)  
 09800 0317 EE OM with World nx(454 12/25/85 Shamblin AR)  
 15200 2300 SS ID; World nx(354 12/17/85 Rocker MS)

GUYANA

05950 0957 Guyana Broadcasting Corp. Jingle;ID(32300 12/24/85 Kubala NY) 0811  
 Listeners' letters; Mx(233 12/24/85 Shamblin AR)

HAITI

04930 2345 FF 4VEH Nativity story with mx(433 12/22/85 Westenhaber IN)+5

HONDURAS

03250 0400 EE R. Luz y Vida Unshackled;sked;address(333 12/30/85 Thim CT)+3  
 04820 1200 SS HRVC Religious prog. denounces 'machismo'; ID(444 12/25/85 George MA)+1  
 06075 1230 SS V. Junco ID;mx(333 12/22/85 Prath FL)

IAS MALVINAS

03958 0519 EE Falkland Islands Broadcasting Xmas mx; God Save the Queen(232 12/27/85 Orr FL) 0425 Soccer interview;/tent/(222 12/30/85 Atkins WA) 0003  
 Minesweeping operations; TC; Preview(322 12/07/85 Hosmer MI)

MEXICO

09555 0532 SS La Hora Exacta News by OM & YL;Time checks from National Observatory(222 12/27/85 Westenhaber IN)+1  
 15160 2250 SS V.America Latina Xmas greetings;ID(222 12/24/85 Berri CA)



COSTA RICA

- 04832 0444 SS R. Relej Marimba mx; ads; time check(333 12/24/85 Westenhover IN)  
Ave Maria(433 12/19/85 Brown IL)
- 04850 0145 SS R. Columbia Musical IDs; Mx(333 12/17/85 Stanley AZ) OM(433 12/15/85  
Zirkelbach CA) Ranchero mx with OM DJ; IDs; ad for first liquid soap in  
Costa Rica (I just leave mine in the soap dish TFS) 344 12/27/85  
Westenhover IN) Musica latina; frequencies(444 12/19/85 Brown IL)Fast  
Sports OM(333 12/27/85 Witte CA) Musica latina(444 1/01/86 Witte  
CA)12/23/85 Shamblin AR)
- 04975 2351 SS Ondas Orteguaza Accordian solos; clear ID with Florencia as QTH; New  
Year greeting 353 12/31/85 Palmer WA)
- 05055 0310 EE Faro del Caribe Bible play; Xmas carol(323 12/27/85 Dillon NC)
- 06006 0653 SS R. Relej Musica latina; time checks(433 12/27/85 Brown IL)
- 06160 2125 SS R. Impacto Light mx; ID(444 12/18/85 Rocker MS)
- 06175 1140 SS Faro del Caribe Musica latina(444 12/15/85 Prath FL)

CUBA

- 04765 0435 RR Relay Mayak channel YL;EZ listening mx(444 12/13/85 Lehman MA)
- 05980 0130 EE RHC (222 12/22/85 Keenan CA)
- 06000 0403 EE RMWS relay Afghanistan rebels;snow in Murmansk;Gorbachov's TV  
speech(544 1/02/86 Dickerman PA)
- 06060 1130 FF RHC OM YL(434 1/05/86 Luxon IL)
- 06090 0330 FF/EE RHC interviews Minnesotan visiting Cuba(444 12/14/85 Dickerman PA)
- 06100 0215 EE RHC ID;Mx;YL(322 12/23/85 Roberts FL)+2
- 09525 0749 EE RHC Mailbag-Cuban cigar industry and religion in Cuba. (I knew a priest  
who smoked 4 a day. TFS) 444 12/24/85 Westenhover IN)
- 09525 0603 EE RHC Spanish defector; sports news;(444 12/14/85 Dickerman PA)
- 09740 0203 EE RHC Cuba's first heart transplant;World amateur  
baseball championship;frequencies 544 12/11/85 Dickerman PA)+2
- 11795 1831 EE RHC NA; mx(455 12/13/85 Rocker MS)
- 11840 1915 EE RMWS relay Gorbachov speaks to U.S.businessmen. Soporific.(344 12/10/85  
Westenhover QX)+3
- 11950 2120 FF RHC Mx;YL; Om gives ID(434 1/01/86 Berri CA)
- 11950 1715 AA RHC Musica latina; OM(353 12/16/85 Sampson WI)

DOMINICAN REPUBLIC

- 11700 0059 SS R. Clari'n ID with Xmas wishes;mx;phone-in(434 12/25/85 Westenhover IN)  
1725 OM sings musica latina;ID(354 12/25/85 George MA) perky mx(343 12/24/85  
Thompson CA)

ECUADOR

- 03220 0425 SS HCJB Mx;id(444 1/04/86 Thim CT)
- 03220 0147 Quech HCJB OM;mx(433 12/30/85 Bishop NY)
- 03253 0405 SS V. Triunfo /tent/ Mx; ads for washing machines(222 1/04/85 Thim CT)
- 03316 0204 SS R. Pastaza Clear ID by OM;vocal mx;Station promo;ads; Spanish duet  
with guitars. (322 12/31/85 Quaglieri NY)+1
- 03395 0250 SS R. Zaracay Pop latin mx;political debate(323 12/18/85 Rocker MS)
- 04800 0522 SS R. Popular Local ads; ID(322 12/26/85 Thim CT) Soft vocals into more  
lively mx(242 12/31/85 D'Angelo PA)
- 04810 0155 SS V. Galapagos Religious talk by OM and hymn; gospel  
mx(232 12/15/85 Thompson CA)
- 04820 0925 SS R. Paz y Bien ID; Andean mx(454 12/27/85 George MA)
- 04820 0936 SS R. Paz y Bien Program annc.(233 12/24/85 Shamblin AR)
- 04920 0328 SS R. Quito Commercials;ID:Radio Quito La Voz de capital; musica  
latina 333 12/21/85 White MS)+2
- 05040 0152 SS V. Upano ID:Radio Diffusora nacional La Voz De Upano;sports (433  
12/14/85 Berri CA) ID; prayer; Beethoven theme(434 1/03/86 George MA)
- 05055 0955 SS R. Jesus del Gran Poder ID; mx; religious talk(232 12/24/85 Shamblin AR)

HCJB

- 05980 0300 EE( 222 12/22/85 Keenan CA)
- 06050 0110 SS MX and OM(343 1/02/85 Listransky NY)
- 06230 0544 EE Musica de Ecuador; OM(434 1/04/86 Abbinante IL)+8
- 09870 0315 EE ID;religious talk;mx(545 12/11/85 Roberts FL)+3
- 11740 1244 EE Happiness(454 12/27/85 Bingham MA)
- 11830 0543 Swed YL answers letters from listeners and offers 1986 calendar(333  
12/18/85 Westenhover IN)

CANADA

05960 0322 EE RCI Carvings(444 12/11/85 Roberts FL) 0203 NX(454 12/20/85 Roberts FL)  
0030 As It Happens(555 12/17/85 Ruhe PA) 0100 RCI Journal(444 12/13/85  
Ruhe PA)0028 As It Happens(333 12/11/85 Brown IL) 0311 Acid rain(444  
12/18/85 Neff OH)0034 Bing Crosby(343 1/02/86 Stransky NY)

05965 1247 EE BBC relay Sports(444 12/29/85 Brown IL)

06005 1334 EE CFCX ID; ads; Quebec lottery(454 12/18/8 Bingham MA)

06005 1941 EE CFCX Jim Crimby song(434 1/01/86 Bishop NY)

06065 1234 EE NQS Daybreak; Hockey scores(454 12/10/85 Bingham MA)

06070 1406 EE CFRX Ads; NHL scores(333 12/28/85 Bingham MA)

06070 1947 EE CFRX Midnight Blue(444 1/01/86 Bishop NY)

06140 0625 EE BBC relay Financial report(444 1/02/86 Brown IL)

06160 0855 EE CKZU comedy skit(333 12/13/85 Scheel IA)

06160 1957 EE CKZN Jazz mx(333 1/01/86 Bishop NY)

06195 0607 FF NQS weather(433 12/14/85 Orr FL)

06195 0415 EE NQS Xmas story of missionaries and Indians(423 12/19/85 Brown IL)

09515 1628 EE BBC relay Rock Salad; The World Today-on OPEC's financial  
woes(444 12/11/85 Westernhaver QU)

09625 0151 EE NQS Interview with Ann Russell(433 12/17/85 Brown IL)

09625 1528 EE CBC ID at 1530; guitars(323 12/23/85 Luxon IL)  
Skiing and Snoring(555 12/14/85 Alexander NJ)

09760 2244 EE RCI As It Happens: Newfoundland plane crash(544 12/12/85 Brown IL)  
(454 12/16/85 Bingham MA)

11720 1500 EE NQS ID(333 12/27/85 Luxon IL)

11845 0205 Port RCI OM YL read nx(555 12/25/85 Ruhe PA)

11845 0005 EE CBC World news(343 12/25/85 Thompson CA)

11850 0055 EE RCI Xmas greeting to Canadian forces(433 12/25/85 Luxon IL)

11945 2015 EE RCI Christmas and childhood(544 12/26/85 Thim CT)2005 Major Canadian mx  
of 1985(322 1/01/86 Thim CT)2206 Nx; sports; Canada Today(333 12/19/85  
Bingham MA)2130 Shortwave Digest; new receiver(454 12/14/85 Keenan CA)  
2300 Magne on Sony line(454 12/15/85 Keenan CA)2130 Shortwave Digest;  
Richard Wood on Finno-Ugric family(444 12/21/85 Keenan CA)

11955 1323 EE RCI Program schedule(444 12/20/85 Brown IL)

11960 2158 EE RCI ID(555 12/15/85 Brown IL)

15140 2000 EE RCI NX(333 12/23/85 Palmer WA)

15260 1830 EE BBC relay 8000 oil paintings in Ottawa vault(444 12/14/85 Zirkelbach CA)

15260 1800 EE RCI Listeners' Corner(544 12/15/85 Brown IL)

15260 1515 EE BBC relay Saturday Special (444 1/04/86 Blair CA)

15260 1802 EE RCI Military in South Africa(555 12/20/85 Brown IL)

15260 1621 EE BBC relay superbugs and their cures(544 12/29/85 Thompson CA)

15325 1623 EE RCI Illegal Immigrants(555 12/27/85 Brown IL)

15325 2008 EE RCI World nx(354 12/23/85 Shamblin AR)

17820 1619 RR RCI (Should have been Ukrainian TFS)(544 12/25/85 Brown IL)

CHILE

09750 1120 SS R. Minería "Comentario de Julio Marti'nez"; local time checks; weather  
and ads; id(333 12/28/85 Westernhaver IN)

15140 1416 SS R. Nacional IDs; Interviews(333 12/18/85 Abbinante IL)game with hyper  
announcer; ads(544 12/21/85 Coday CA) Xmas mx; 0230\*(344 12/16/85 Miller  
CA)Carnival mx; ads for Chile Telephone Company and railroad(433 12/13/85  
Lehman MA)2121 Musica latina (254 12/23/85 Shamblin AR)

COLOMBIA

04775 0628 SS R. Super net station? ID:"en la cadena Super de Colombia" RC cola  
ad(323 12/22/85 Sheedy CA)

04845 0250 SS R. Bucaramanga [Caracol is the ID for the network-unless you hear  
Caracol Neiva at 4945.or a relay of the net.TFS] (232 12/16/85 White MS)

04865 2338 SS V. Cinaruco OM talks about 'reforma'; CARACOL promos(454 1/01/86 Orr FL)

04865 0545 SS V. Cinaruco dance mx; New Year greetings!(333 1/01/86 Sharpe CA)

04885 1205 SS Ondas del Meta Musica latina; ID:La cadena super(343 12/22/85 Prath FL)

04885 0930 SS Ondas del Meta ID; ads; pop mx(232 12/28/85 Atkins WA)

04945 0527 SS Caracol Neiva Latin Am.nx; IDs(444 12/28/85 Brown IL)0605 ID; musica  
latina; (253 12/23/85 Shamblin AR)

05095 1026 SS R. Sutatenza Christmas greetings and music; (343 12/19/85 Abbinante IL)  
Coke ad(433 12/23/85 Brown IL)Rumbas(333 12/27/85 Witte CA)NX; musical  
ID(232 12/13/85 Stanley AZ)Samba; Coke is it ad; ID; bank ad(433  
12/27/85 Dillon NC)

05975 1055 SS R. Macarena Sked; ID(434 1/05/86 George MA)

06035 0154 SS V. Guaviare OM; pop mx; ID; freqs(433 12/27/85 Orr FL)

06115 1250 SS V. Llano Noticias; songs; id(333 12/22/85 Prath FL)

ARGENTINA (cont.)

15345 2100 EE R. Nacional Nx (433 12/26/85 Ross ON)  
15345 2045 Ital. RAE Spanish mx; ID; qrm(423 12/29/85 Berri CA)  
15345 1805 EE RAE Economic rx(222 12/20/85 Brown) News; folk music; qrm(323 12/14/85  
Westenhaver QU) Mailbag(444 12/28/85 Bingham MA) Health care in Argentina;  
ID(333 12/26/85 D'Angelo PA) 1235 Letters from listeners; mx; poor  
mod.(322 12/14/85 Coleman MA)

BELIZE

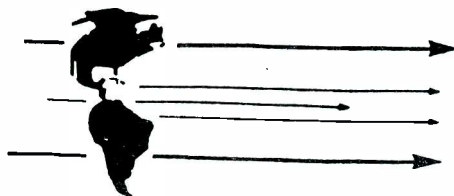
3285 0300 EE R. Belize NX; Tropical Charcoal Party Special(333 12/06/85 Smallwood AL)  
3285 0413 EE R. Belize Late Show with Gilda(444 12/17/85 Rocker MS) Around Belize;  
Hardware store ad; Democratic Party rally(433 12/07/85 Hosmer MI) Xmas  
messages carols and disco (333 12/26/85 Dillon NC)

BRAZIL

3325 0657 PP R. Liberal accordian mx; (232 12/10/85 Orr FL)  
4755 0005 PP R. Educacao Rural /tent/ MOR mx; possible ID 0016(233 12/13/85  
Rocker MS)  
4825 0917 PP R. Educadora "Para Braganca para Para' para Brasil-R. Educadora"  
(333 12/14/85 Sheedy CA)  
4855 0802 PP R. Por Um Mundo Melhor song; OM: 'mundo melhor'; frequencies; PP ballads  
time check (222 1/07/85 Quaglieri NY)  
4885 0451 PP R. Clube do Para' OM orates before crowd; ID(333 12/24/85 Westenhaver IN)  
4915 0506 PP R. Anhanguera English and PP pop mx; ID(323 12/24/85 Westenhaver IN)  
4915 0500 PP R. Anhanguera Comedy skit; guitar mx; soft rock(242 12/20/85 Sharpe CA)  
4985 0220 PP R. Brasil Central "ID mx"(242 12/16/85 White MS)  
5025 0030 PP R. Borborema /tent/ Brazilian ballads; mx; OM(222 12/24/85 Keenan CA)  
5980 0705 PP R. Guaruja Florianopolis Guitar mx; OM: 'Bom dia Florianopolis e Brasil';  
ads; echo on OM(322 1/07/85 Quaglieri NY)  
6000 0827 PP R. Inconfidencia accordian mx; (444 12/10/85 Orr FL)  
6020 0809 PP R. Gaucha ads; id(353 12/10/85 Orr FL)  
6030 0805 PP R. Globo Ads; mx(433 12/10/85 Orr FL)  
6120 0818 PP R. Globo OM DJ ads(354 12/10/85 Orr FL)  
6180 0857 PP R. Nac. da Amazonia Record skips; OM in echo chamber(433 12/13/85 Luxon  
IL)  
9645 0730 PP R. Bandeirantes jingles; ads(242 12/14/85 Orr FL)  
11745 0240 EE R. Bras Talk about composer; mx (555 12/16/85 Miller CA) 11745 0200 EE  
History of Brazil; receptions reports; trx to engineer (544 12/11/85 Brown  
IL)(12/16/85 White FL) 0211 Flute mx; tourist tips(444 12/10/85 Blair CA)  
0204 Nx ; mx ; information on composer; imports(444 12/18/85 Neff OH)  
YL; Mx and vocals(344 12/21/85 Levison PA) Commerce with Cuba; Brazilian  
aviation; pop mx(444 12/15/85 Stanley AZ) waterfalls in Brazil(454  
12/24/85 Shamblin AR)  
11780 1932 PP R. Nac. da Amazonia IDs; jingles(433 12/26/85 Ross ON) Rock mx with OM  
announcer(434 12/15/85 Ruhe PA) 0040 fast Brazil. mx and ads(444 12/19/85  
Stephenson CA)  
11925 0135 PP R. Bandeirantes post-soccer game show; promo for '86 World Cup(333  
12/23/85 Westenhaver IN) 0700 (433 1/01/86 Scheel IA)  
15160 1929 SS R. Nac. de Brazil ID; mx; talk(333 12/17/85 Knight WA)  
15190 0228 PP R. Inconfidencia Light rock; ID; fregs.; address(253 12/18/85 Rocker  
MS)  
15200 2050 PP R. Nac. da Amazonia American pop mx; Om ids and gives program details(545  
12/29/85 Berri CA) 12/23/85 Coutermarsh VT) 1850 OM; mx(455 12/18/85  
Rocker MS)  
17710 0222 SS VOA relay Ella Fitzgerald(222 12/28/85 White FL)

R. Suriname International

05005 0849 Dutch ;mx with Dutch anc; mentions Surinam but no ID; U.S.  
pop" mx (242 12/16/85 Quaglieri NY)  
17755 1806 EE EZ listening mx; ID; News Review(433 12/23/85 Kubala NY) 1758 EE/GG Mx;  
nx; local politics(333 12/13/85 Brown IL) 1805 EE YL interviews recording  
artist; ID and phone (10101) and P.O. box (Box 2979 Paramaribo); smuggling  
in Surinam" 233 12/29/85 Nikolich IL)



# WESTERN HEMISPHERE

EDITOR: THOMAS F. SABLE  
University of Scranton  
Scranton, PA 18510

DEADLINE: TWELFTH

TIMES: GMT

FREQUENCIES: kHz

Valentine's Day greetings to all you active listeners! I think a short word of farewell is in order. I would like to thank John Cereghin for all the work and sweat he has put into this column over the past 2+ years. I wish him God's blessings on his new calling. To introduce myself-I am forty years old, a college professor and a Jesuit priest. I teach undergraduate theology. In addition to SWLing and DXing my other leisure activities include amateur radio and computers. For all the curious computer users out there, I am doing this column on an IBM PC and using POWERBASE data base which outloads the logs into Wordstar and an HP laser printer. On to the loggings! This month's winner is World Harvest Radio. I hope that you all sent for your special QSLs.

## ANTIGUA

- 6040 0105 EE DW relay NX; best of 1985 events and music(545 12/29/85 Roberts FL)
- 0106 Microphone on Europe; Ecology and Man; Press Review(454 12/28/85 Bingham MA)
- Interviews by Larry Wayne; folk mx instruments; trumpets(544 12/27/85 Thompson CA)
- 0135 German lesson(544 12/15/85 Soomre MA)0100 People and Places(444 12/10/85 Stanley AZ)
- 6085 0330 GG DW relay Choral singing; religous px(433 12/07/85 Zirkelbach CA)
- 0100 Germany Today; Arts on the Air(433 12/11/85 Stanley AZ)
- 6120 0503 EE DW relay Pope's Speech; Free TV; Women in Germany(555 12/13/85 Brown IL)
- World nx; USSR-US physicians discuss disarmament(444 12/11/85 Brewer AR)
- 6175 2025 EE BBC relay World news; The World Today; France's relations with Africa; Letter from Scotland (544 12/10/85 Westenhaber QJ)
- 0530 About Britain;juvenile crime and drug addiction(544 12/13/85 Zirkelbach CA)
- 0234 Nx ID Mx(555 12/20/85 Roberts FL)(12/11/85 Blair CA)0335 Halley; anesthetics; (534 12/17/85 Brown IL)0000 World nx; R. Newsreel(433 12/09/85 Dillon MD)(12/23/85 Shamblin AR)
- 6195 0901 EE BBC relay Mt. Etna erupts(544 12/25/85 Brown IL)
- 9510 0430 EE BBC relay Waveguide; Book Choice(544 12/11/85 Blair CA)
- 11775 1320 EE BBC relay 24 Hours(434 12/13/85 Westenhaber IN)(454 1/01/86 Bingham MA)
- 1200 China's Health problems(555 12/12/85 Alexander NJ)
- 11810 2159 PP DW relay German times and frequencies(544 12/27/85 Brown IL)
- 15355 2108 GG DW relay OM YL; IS; Nx(555 12/22/85 Palmer WA) Xmas story; ID(444 12/25/85 Stephenson CA)
- 17810 2010 GG DW relay Music request program//15355(344 12/26/85 Westenhaber IN)

## ARGENTINA

- 9690 0155 EE R. Nacional address; ID( 222 12/15/85 Jones TX)
- 0125 EE RAE dx program; freq. schedule; nx (444 12/12/85 Miller CA)
- 0115 EE R. Nacional Nx; sports (444 12/19/85 Ruhe PA)
- 0201 SS RAE ID; mx(222 12/23/85 Roberts FL)
- 0103 EE Debt problems; Country to Country; This City Buenos Aires(444 12/15/85 Brown IL)+7
- 11710 0100 EE RAE News from Buenos Aires; guitar mx; mailbag; Man and Ecology(333 12/21/85 Stanley AZ) Letters and reception reports(323 12/14/85 Blair CA)
- 0100 Charges against former economic minister of Arg.(333 12/12/85 Brown IL)
- 0100 Oil and gas; sports; tango(322 12/15/85 Neff OH)Socialist party(434 12/15/85 Bishop N.Y.)
- 0449 SS RAE guitar mx (353 12/12/85 Sampson WI)

MALTA: RADIO MEDITERRANEAN, VALLETA, D-85, shortwave schedule:  
 1800-1857 6110 Arabic  
 2130-2230 6110 French  
 2230-2330 6110 English  
 (INDIRECT, RM. R. Adams, MA.)

NIGERIA: FEDERAL RADIO CORPORATION OF NIGERIA, INTERNATIONAL SERVICE, LAGOS, D-85, English language:

		TARGET
0830-1000	15120, 17800	NAF
1000-1200	15120	NAm
1200-1400	15120	Carib.
1400-1530	15120	Austr.
1530-1700	15120	India
1800-1900	15120, 17800	NAF
2100-2200	15120, 17800	"
0500-0600	15120, 17800	"
0700-0800	15120, 17800	"

(DIRECT, FRCN, INCOMPLETE.  
M. Chinsky, NY.)

SINGAPORE: SINGAPORE BROADCASTING CORPORATION, current schedule:  
 0600-0000 5052, 11940 English  
 0045-0000 7250, 6155 Bangian M.  
 0500-2100 7100 Indian  
 0600-0000 6000, 9635 St. Chinese  
 (DIRECT, SBC, COMPLETE.)

SWITZERLAND: INTERNATIONAL COMMITTEE OF THE RED CROSS, GENEVA, latest information, English language:

		TARGET
1100-1130	7210 (last Sunday)	Eur.
1700-1730	7210 (last Monday)	Eur.
0740-0757	9560, 15305, 15570	Asia
	17830	Austr.
1040-1057	11795, 15570, 15585, 17830 (last Monday)	FE
1310-1327	11955, 15570, 15585, 17785, 17830	(last Thursday) SEAsia
1710-1727	9885, 11755, 17520, 17830, 21770	FF/EE Af
0340-0357	6135, 9725, 12035, 15305 (first Friday)	N&CAm

(DIRECT, ICRC, COMPLETE. D. Soomre, MA.)

U.S.A.: UNITED NATIONS, U.N. RADIO, NEW YORK CITY, N.Y., current English language schedule:

1830-1840	15650G, 21710G, 15120G, 18782.5, 15360T, 10454G, Europe, Africa
1900-1940	21710G, 15125G, 16762.5G, 15650G, 15360T, 15380P, 10454G, Europe, Africa
2100-2145	15120G, 17730G Caribbean
0545-0600	15120G, 17730G Africa
0700-0715	9565G, 11875G, 7650G, 17815T, 15245T, Eur, ME, NAm
0815-0830	9680G, 11740, 15120G, 15235M, 17860M Africa
1000-1030	9565D, 11090D, 15160P Asia

(DIRECT, UNR. E. Soomre, MA.) (CONTD)

U.S.A.: UNITED NATIONS, U.N. RADIO, N.Y.  
 G = Greenville, N.C. T = Tangier.  
 M = Monrovia. P = Phillipines.  
 D = Delano, CA.

U.S.A.: R. EARTH INTERNATIONAL, EVANSTON, IL., amended schedule for D-85, English language:

		TARGET
0800-1100	7295	Eur. (Sundays)
1900-2200	11790	NAm (Sundays)

(DIRECT, REI. D. McCants, AL.)

U.S.A.: A.F.R.T.S., ARMED FORCES RADIO AND TELEVISION SERVICE, LOS ANGELES, CA., D-85, broadcasts in English language:

To EUROPE	RELAY	AZIMUTH
0900-1100	9590 GG	45
1100-2200	15420 GR	45
0100-0700	6030 BY	66
To MIDDLE EAST		
0700-1100	15400 MUN	118
1100-1300	15265 MUN	118
To AFRICA		
0100-0700	6030 BY	66
0900-1100	9690 BY	74
0900-1100	9530 BY	74
1100-1700	15330 BY	87/74
1700-2300	15345 BY	74
2200-0700	11790 BY	74
To CARIBBEAN		
0900-1300	6030 GR	175
1300-2200	15330 BY	168
2200-0700	6060 BY	168
To EAST ASIA		
0000-0700	15335 DL	296
0300-0700	11730 DL	307
1000-2100	9700 DL	311
1000-1500	6125 DL	302
1500-2200	11805 DL	311
2200-0200	17765 DL	311
2100-2400	15345 DL	296
To SOUTHEAST ASIA		
0100-1400	21670 PHL	260
1400-2200	11890 PHL	74
2200-0100	9700 PHL	250

(DIRECT, A.F.R.T.S., V. Macrie, NJ.)  
 GR = Greenville, N.C. BY = Bethany, Ohio. MUN = Munich, FRG. DL = Delano, California. PHL = Poro/Tinang, Phillipines.

U.S.A.: VOICE OF AMERICA, WASHINGTON, D.C., R. MARTI PROGRAM in Spanish language to Cuba, D-85 to early M-86:

		RELAY	POWER
0930-1200	6075	GR	250 kw
1200-1430	9590	BY	250
1400-1730	11815	GR	500
2030-2300	11930	GR	500
2300-0300	9525	BY	250

(DIRECT, VOA, EXTRACTS. Broadcasts monitored. BY = Bethany, Ohio. GR = Greenville, NC.)

VOICE OF AMERICA BROADCASTS AUDIBLE IN NORTH AMERICA IN ENGLISH LANGUAGE, SPANISH LANGUAGE AND PORTUGUESE LANGUAGE WILL BE PUBLISHED NEXT MONTH. /Ralph

CHINA (PEOPLE'S REPUBLIC): R. BEIJING,  
EXTERNAL SERVICE, D-85, English language:

		TARGET
0000-0100	9620, 11685	ECNA
0300-0400	9640, 11860, 11980	WCNA
0400-0500	9640, 11980	WCNA
1100-1200	9820	ECNA
1200-1300	9640, 9820	ECNA

(DIRECT, RB, EXTRACT, INCOMPLETE.)

A. Falbo, OR and E. Welch, MA and L. Stransky, NY and D. Lehman, MA and G. Froemming, AZ.) 3 frequencies not listed above.

CHINA (PEOPLE'S REPUBLIC): R. BEIJING,  
EXTERNAL SERVICE, D-85, Spanish language:

		TARGET
2300-2400	9570, 9820, 11650, 11980	SAm
0000-0100	9570, 9860, 9945, 11445, 11650, 11980, 15510, 17680	SAm
0100-0200	9640, 9945, 11650, 11980, 15200, 17650	SAm

(DIRECT, RB, EXTRACT.)

CHINA (REPUBLIC): VOICE OF FREE CHINA,  
TAIPEI, TAIWAN, D-85, English language,  
all zones:

		TARGET
2057-2157	9852, 11805, 9510, 9765, 11860	Eur.
2057-2157	15370	Austr/NZ
2200-2300	6155, 7355, 9953	Eur.
2200-2300	15370	Austr/NZ
0200-0300	6065, 5985	NAm
	11825	J/NAm
	11745	SE Asia
	11740	CAM
	9765	Austr/NZ
	9685	HK
0300-0400	6065, 5985	NAm
	11825	J/NAm
	11745	SE Asia
	9765	Austr/NZ
	9685	HK
0700-0800	5985	NAm

(DIRECT, VOFC, EXTRACT. G. Froemming, AZ.) Eur = Europe. Austr/NZ = Australia/New Zealand. NAm = North America. J = Japan. SE Asia = Southeast Asia. CAM = Central America. HK = Hongkong.

GREECE: ELLINIKI RADIOPHONIA TILEORASI,  
FOREIGN SERVICE, or VOICE OF GREECE,  
ATHENS, broadcasts beamed to Americas:

		TARGET
1900-1945	7095	USA Greek, EE
0630-0730	7430	" FF
1900-1945	7430	" "
0630-0730	9420	" Greek, GG
1900-1945	9420	" "
0600-2230	9460	" "
2300-2345	9905	SAm " PP
2300-2346	7430	" SS, EE
2300-2345	9420	CAM SS, Greek

(CONTINUED)

GREECE: VOICE OF GREECE, ATHENS (CONT'D):

		TARGET
0000-0345	7430	NAm EE, Greek
0000-0345	9420	" " "
0000-0345	9905	" " "
1200-1245	17565	" " "
1200-1245	15630	" " "
1200-1245	11645	" " "
1500-1545	17565	" " "
1500-1545	15630	" " "
1500-1545	11645	" " "

(DIRECT, VG, PARTIAL. A. Falbo, OR and W. Heinen, CO.)

ITALY: ADVENTIST WORLD RADIO, FORLI,  
latest information:

0700-0730	5965	Russian
0730-0800	5965	Romanian
0800-0830	7125	French
0830-0900	7125	German
0900-0930	7125	"
0910-1000	7125	Hungarian
1600-1700	7165	English
1700-1720	7165	Albanian
1730-1800	7365	Polish
1800-1830	6205	Russian
1830-1900	6205	Romanian
1930-2000	6204	French
2000-2100	6205	English
2100-2200	6205	German

(INDIRECT, AWR, COMPLETE. A. Quaglieri, NY.)

JORDAN: R. JORDAN, AMMAN, latest  
information:

1500-1730	9560	English
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(INDIRECT, RJ. R. Adams, MA.)

LUXEMBOURG: RADIO-TELE-LUXEMBOURG,  
FOREIGN SERVICE, latest information:

0500-0530	15350	Religious
0530-2400	15350	French
0000-0300	15350	"
0700-0715	6090	Religious
0715-2300	6090	German
2300-0115	6090	Religious
0115-0200	6090	German
0300-0400	6090	English

(INDIRECT, RTL. B. Robinson, TN.)

NEW ZEALAND: R. NEW ZEALAND,  
WELLINGTON, complete D-85 schedule,  
English language:

		TARGET
1725-2005	11780	Pacific region
1725-2005	15150	" "
2255-0045	17705	" "
0345-0630	17705	" "
0045-0355	17705	" " (Sat.)
2245-0045	15150	Australia, Melanesia
0345-0630	15160	" "
0855-1105	11780	" "
0855-1115	9680	" "
0045-0345	15160	" (Sat.)

(DIRECT, RNZ, COMPLETE.)

CONTRIBUTOR WILL NOT RECEIVE CREDIT FOR  
ILLEGIBLE, POOR-QUALITY PHOTOCOPY PAGES  
OF STATION SCHEDULE. Ralph S. Bowden



# Station Skeds

DEGREES OF AZIMUTH

TIMES (UTC)

EDITOR:

FREQUENCIES

LANGUAGES

Ralph S. Bowden  
1255 Amethyst Street  
Space 30

RELAY SITES

TARGET AREAS

Mentone, CA 92359

POWER (kW)

AUSTRALIA: R. AUSTRALIA, MELBOURNE,  
D-85, English language broadcasts:

	AZIMUTH	TR	STN	POWER
1100-1900	5995	050	L	10kW
1530-2100	6035	325	C	300
1300-1530	6035	347	C	100
0800-2000	6060	063	S	100
1100-2000	6080	004	S	100
1530-2100	7205	325	C	250
1200-1530	7205	310	S	100
0930-2030	7215	128	S	100
1200-1300	7265	290	D	250
0800-2130	9580	063	S	100
2000-2130	9620	355	S	100
1100-1300	9770	325	C	250
1000-1100	9770	308	S	100
0730-0930	11720	063	S	100
1400-1430	11800	355	S	100
1100-1300	11800	355	S	100
0900-1000	11800	355	S	100
0400-0900	11900	118	S	100
0300-0700	15160	053	S	100
0300-0730	15160	355	S	100
2100-0100	15160	063	S	100
2100-0100	15160	355	S	100
0100-0300	15180	355	S	100
2100-0200	15240	119	S	59
2230-0100	15140	308	S	100
0300-0700	15320	245	S	100
0300-0700	15320	073	S	100
2200-0100	15320	073	S	100
0900-1100	15395	325	C	250
0000-0900	15385	347	C	250
2100-0230	15395	065	S	100
0100-0900	17715	325	C	300
0100-0900	17750	340	D	250
2200-0800	17795	063	S	100

TR STN = TRANSMITTING STATIONS: C = Carnarvon, W. Australia. D = Darwin, Northern Territory. S = Shepparton, Victoria. L = Lyndhurst, Victoria. (DIRECT, RA, EXTRACT. F. Welch, MA and F. White, FL.)

BANGLADESH: R. BANGLADESH, EXTERNAL SERVICE, DACCA, complete D-85 schedule:

	SERVICE	TARGET
0630-0000	13670 Bengali	Eur.
0800-0830	13670 English	Eur.
1230-1300	15525 "	"
	17653 "	"
1315-1345	7105 Nepalese	Nepal

(CONTINUED)

BANGLADESH: R. BANGLADESH, EXTERNAL SERVICE, DACCA (CONTINUED):

	SERVICE	TARGET
1400-1500	9775 Nepalese	Nepal
1400-1500	9640 Urdu	Pakistan
	11745 "	"
1515-1545	9640 Hindi	India
	11745 "	"
1600-1630	13670 Arabic	ME
	9945 "	"
1630-1800	13670 Bengali	"
	9945 "	"
1815-1900	7490 English	Eur.
	6240 "	"
1900-1915	7490 "	"
	6240 "	"

(INDIRECT, RB, COMPLETE. R. Forsgren, WI.)

BELGIUM: BELGISCHE RADIO EN TELEVISIE (BRT), BRUSSELS, D-85 and early M-86, valid until March 29, 1986:

	SERVICE	TARGET
0800-0855	9880 English	NAM
0910-0930	9880 "	"
1300-1355	15590 "	"
2130-2200	9905 Spanish	SAM
2300-000	9925 Netherlands	"
2300-0000	5910 "	NAM
0000-0030	5910 Spanish	"
0000-0030	9925 "	SAM
0030-0125	9925 English	"
0030-0125	5910 "	NAM

(DIRECT, BRT, EXTRACT. M. Chinsky, NY and R. Yajko, PA.)

BRASIL: R. NACIONAL DO BRASIL, BRASILIA, complete D-85 schedule:

	SERVICE	TARGET
1700-1900	15390 PP	Eur, Af, ME
1800-1900	15155 EE	Eur
1900-2000	15155 GG	Eur
2000-2100	11765 FF	Eur, Af, ME
2100-2200	9760 PP	Af
0000-0100	9655 SS	S.SAM
0100-0200	11745 SS	NAM, CAM
0200-0300	11745 EE	NAM

(DIRECT, RNB, COMPLETE. V. Macrie, NJ and M. Neuveth, CO.)

REPORTS AND SCHEDULES MUST CONTAIN THE NAME OF COUNTRY; NAME OF STATION; TIMES (UTC) OF ALL BROADCASTS; AND LANGUAGES. REPORTS WITHOUT LANGUAGES ARE RETURNED.

January's column was delayed in the holiday mail, so it is being presented this month as Page 1. Here's some additional programming items:

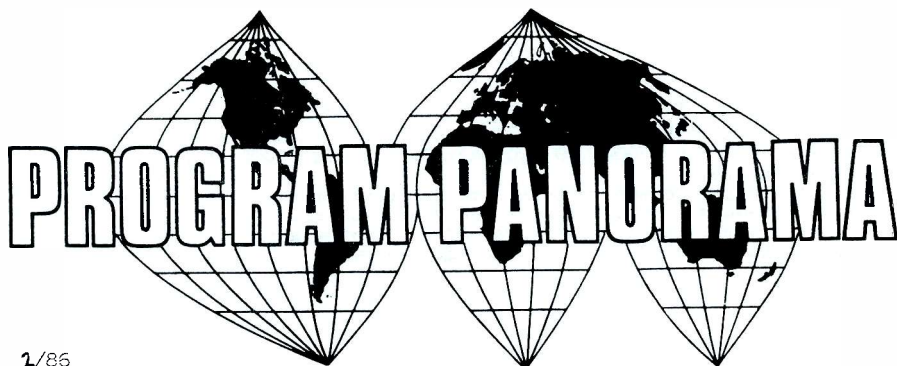
BULGARIA...Radio Sofia broadcasts in English to North America and Western Europe at 0000, 0400, 0730, 1930, 2130 and 2230 UTC. Programs include: Mon-Fri EVENTS AND DEVELOPMENTS; Mon SCIENCE AND ECONOMY, SPORTS ROUNDUP; Tue LIFESTYLE, CULTURAL SCENE; Wed ASPECTS OF COOPERATION, YOUTH CORNER; Thu MIDWEEK MAILBAG; Fri DX PROGRAM; Sat SATURDAY SPECIAL, MUSIC FROM BULGARIA; Sun ANSWERING YOUR LETTERS, SUNDAY SPECIAL. (Thanks to Daniel J. Sampson, WI. Looking at one of Wed's programs, did you ever hear the definition of "cooperation" as "agreeing to work together to do things my way"?-WS)

CUBA...Radio Havana in English: Mon-Wed schedule has been submitted by SPEEDer David Klopfenstein of OR. Each day you can hear TODAY IN HISTORY, NEWSCAST, COMMENTARY ON INTERNATIONAL AFFAIRS, SPOTLIGHT ON LATIN AMERICA, TODAY IN SPORTS and FROM THE LAND OF MUSIC. Additionally, you can hear: Mon PANORAMA, LATIN AMERICAN SONGS, THE WORLD OF STAMPS; Tue CUBA AND THE WORLD, MUSICAL QSL, THE CUBAN STORY; Wed CUBAN PROFILE. We'll try to present the remainder of the schedule next month. By the way, have you noticed that RHC has a more "hip", upbeat sound to it? If you haven't tuned in in a year or so, why not give them a try. 49 meter band has several RHC frequencies evenings.

NETHERLANDS...Some kind person at Radio Netherlands mailed me the February issue of "Programme News." Hopefully, we will receive this information regularly and can then pass it on to you. For RN's English programs Mon-Sat, you can hear NEWS and NEWSLINE (current affairs magazine), followed by a feature program. Mon is mostly music, with an occasional documentary program included from time to time. In February, they hope to have news of Pete Myer's recent trip to India. Tue has IMAGES (arts magazine) and DUTCH BY RADIO. Wed has THE WEDNESDAY REPORT, while Thu has the attraction of the popular communications program MEDIA NETWORK with Jonathan Marks. Fri has THE FRIDAY REPORT, while Sat has the interesting SHORTWAVE FEEDBACK. Sun features HAPPY STATION with Tom Meyer. Alternate programs for Asia and Africa are presented on Wed and Fri. (WS)

SOUTH AFRICA...I listened to most of Radio RSA's call-in program on December 31. The program began at 2200 UTC. The frequency of 9615 was excellent for the duration of the program (it ended nearly 4 hours later). Apparently, South Africa's much-publicized problems of 1985 did not deter people from phoning in their New Year's greetings. The vast majority of the calls came from the USA, but Canada had quite a few, and Scotland and Ireland were represented also. People such as Harold Sellers, Tim Hendel and Duke Alexander participated. Colin Miller and Pieter Martins of Radio RSA phoned in as well. The most interesting call of the evening, however, was a wrong number that host Colin Houston answered. The caller identified himself as a newspaperman who was initially surprised to find himself live on international radio. After a few pleasantries, he proceeded to make some political statements aimed at the Western media and critics of South Africa. When he got carried away and uttered some salty language, he was cut off! The hosts were prepared to end the program early when calls began to slow down in number after 0000, but after they made the announcement, the pace began to pick up and they were able to stay on the air until time for the regular North American transmission to begin at 0200 UTC. It was a very interesting program...The regular transmission on January 1 (UTC time) consisted of THE YEAR IN RETROSPECT. In past years, this program has looked at the past year in news, sports and entertainment. However, this year, it consisted of a lengthy defense of the policies of the SA government in 1985. (WS)

UK...BBC items from Don McCants, AL for Sundays: 0215 POETS ON MUSIC; 0915 SCIENCE IN ACTION; 2115 THE PLEASURE'S YOURS (classical record requests). Don recommends these as interesting programs. See you!



1/86

**Woody Seymour, Jr. P.O. Box 848 Sanford, N.C. 27330**

Welcome to 1986! Where did the past year go? This month, we have info on three shortwave stations. So let's get going...

NETHERLANDS ANTILLES...Here's the schedule for English programming from Trans World Radio Bonaire: CARIBBEAN NITE CALL can be heard on Sat, Sun and Mon UTC at 0605-0700. UNSHACKLED follows at 0700 UTC on Sat and Sun.....Beginning at 1115 UTC, you can hear: 1115 MORNING SOUNDS 1200 THRU THE BIBLE 1230 NEWS, WAY TO LIFE 1240 SIGN OFF(Mon-Fri for these programs); Sat has 1115 SATURDAY MORNING WATCH 1130 NEWS 1135 UNSHACKLED 1205 WHAT'S UP? 1215 A VISIT WITH MRS. G 1230 MORNING SOUNDS FOR KIDS 1300 CHILDRENS BIBLE HOUR 1330 NEWS 1335 FOCUS ON THE FAMILY; Sun features 1115 SUNDAY MORNING ON TWR 1130 NEWS 1135 HOOR OF DECISION 1200 THE SACRED PAGE 1230 RADIO BIBLE CLASS 1300 THE WORSHIP HOUR 1330 NEWS 1335 SIGN OFF. Frequency used for this period is 11815 kHz(as well as 800). English programming can also be heard 0300-0400 on 9535 kHz. (Thanks to Edward C. Soomre, MA)

UNITED KINGDOM...BBC World Service begins the new year by looking at THE GORBACHEV INHERITANCE, a four-part look at the problems facing the new Soviet leader. Tune in Sun 2330, Mon 0630, 1000, 1515 beginning on the 12th and 13th.....TREATING MENTAL ILLNESS is a look at the debate raging over the treatment of people with mental illness. You can hear the program on the 5th @ 1615, 7th @ 1215, 2330 and 9th @ 0330 UTC.....A JOLLY GOOD SHOW celebrates its 10th anniversary this month. Host Dave Lee Travis is joined by former host Noel Edmonds. A special edition looks back on a decade of the program. Tune in Sat 0815, Tue 1515 and Thu 2115 UTC for this program. TRIVIA: What was the name of the program out of which A JOLLY GOOD SHOW evolved? Hint: It was originally hosted by Tommy Vance. Answer next month.......DOCTOR WHO: SLIPBACK is a radio adaptation of the popular TV hero which begins this month. Tune in Mon 0445, Tue 2100, Wed 1115 UTC for this new series.....MY KIPLING is a series about the famous writer Sun 1615, Tue 1215, 2330, Thu 0330 UTC. (London Calling, 1/86)

USSR...Radio Moscow North American Service features in English: INTERNATIONAL OUTLOOK, 2310 Mon-Sat; SOVIET PRESS, 2310 Sun; DX PROGRAM, 2345 Mon; PARTY CONGRESS PREVIEW, 2345 Tue; HOME IN USSR, 2345 Wed; SCIENCE AND ENGINEERING, 2345 Thu; RADIO BRIDGE, 2320 Sun, 0030 Fri, 0025 Sun; HISTORY CLUB, 0045 Sat; MOSCOW MAILBAG, Thu, Sun, Mon 0010 UTC. (Bill Campbell, CT)

Thanks to all the contributors to Program Panorama over the past year. You probably have noticed that the length of the column has been only one page for the past few months. This has been due to two factors--the lack of sufficient useful contributions and a shortage of time due to recent personal misfortunes. Let me hear from you as to what you would like to see in the column. As I have stated in the past frequently, I would like to see more contributions devoted to favorite programs, comments and opinions on programs and stations. Schedules are welcomed, but they can be difficult to cull information out of. Thanks for your help! *Woody*

DXPL, AWR-GUAM & R. MARTI ..... Edward Soomre, MA

Host John Beck announced that the DX Party Line broadcast to Europe will be moved from 0700-0730 UTC back to 2130-2200 UTC on Saturdays in the near future.

The Federal Communications Commission has issued the call letters.. KSDA to AWR-Guam. (via World Of Radio on Dec. 21, 1985)

Radio Marti has available new QSL's showing a picture of Marti on the QSL's. (via World Of Radio on Dec. 21, 1985)

"BOOK RATE POSTAGE" ..... John Kapinos, MA

Yes, it's inexpensive, but positively the most atrocious service the USPS has to offer. It took 21 days from Dover, DE to Shrewsbury, MA! It took 29 days to cover a distance of 600 miles from Columbus, OH! When ordering from a supplier, it's worth the extra charge for UPS (7 days tops from coast to coast) or USPS Priority Mail.

VOFC HAS SPECIAL PROGRAM SCHEDULE ..... Gary Froemming, AZ

The Voice Of Free China in Taiwan has available a new program schedule with color close-ups of the VOFC English announcers. For those who are curious about the faces behind the microphones, all you have to do is to send a reception report w/program comments and ask for your free copy.

TWR MAGAZINE AVAILABLE ..... Richard Lemke, Canada

TWR's quarterly 16-page magazine is available free to anyone in the U.S. and Canada who requests it. Send your name and address to the attention of the Publicity Department at:

Trans World Radio  
P.O. Box 98  
Chatham, NJ 07928

ZAPPING FET'S ..... Chuck Boehnke, HI

Many receivers are finding their way to the repair shop because the owners forgot to disconnect the antenna. An outside antenna can build up a high level of static electricity. Often, real voltages can find their way into a long wire antenna. Lightning arrestors cannot protect your FET front end of the receiver so disconnect that antenna when not using it.

INTERNATIONAL LISTENING GUIDE SAMPLE ..... John Demmitt, PA

A sample copy of the International Listening Guide is available for 7 IRC's worldwide. Contact:

International Listening Guide  
Merianstr. 2  
D-3588 Homberg  
West Germany

A telephone number is also provided if you wish to avoid a long delay in the post. Telephone: (05251) 26691.

ILLEGAL TO LISTEN TO RADIO ..... John Demmitt, PA

There is much confusion over the legality of hobby monitoring in the event the Electronic Communications Privacy Act of 1985 (H.R. 3378 and S. 1667) is passed. Details in the Jan. Monitoring Times.

TNT Watch for a surprise next month. Best to all. Take care. 73,

A comprehensive book covering many aspects of SWling is presented by Bob Grove in a new publication, "The Listener's Handbook."

It starts with the theory of frequency band classification and radio wave propagation. Explained are the users of the radio spectrum and the modes of facsimile, Morse code, telemetry, teletype and voice.

The next chapter is on the methods of security and surveillance including encryption and "bugging devices."

Following are helpful suggestions for a station layout giving consideration to the budget limit of the listener including selecting a SW receiver; lists of recommended ones grouped by cost; how to recondition a receiver; listening below the broadcast band; broadcast band DXing; VHF/UHF receivers and converters; speakers and headphones; filters; signal generators and frequency counters; tape recorder; clock; and recommendations for the furnishing of a monitoring post in a separate room. Names and addresses of sources of equipment are at the end of the chapter.

The ever popular topic of antennas is presented and covered are those for SW, VLF, HF, VHF and UHF; which are recommended for various situations and problems; use of preamplifiers, antenna switches, preselectors and lightning protectors. Sources of further information are given.

The problem most of us have interference, is examined as to man-made noise with suggested remedies at both the source and at the receiver, with a reference for additional reading.

Listening hints are given as to techniques of considering propagation conditions; maximum usable frequency (MUF); transmission schedules and time zone. The best listening times are noted; a recommended method of logging is presented as are references for further information on the subject.

The last chapter covers projects to build including a list of tools needed and sources of parts. These include a ground plane antenna for VHF/UHF; SW/LW transmatch; AM and FM wavetraps; low passtrap filter for SW and a high pass one for Scanners; regulated power supply for the test bench; 88-136-MHz receiver for FM broadcast and aircraft; converting an AM/FM radio to an aircraft receiver; pocket police receiver from a weather radio; VLF converter for a SW receiver; a direct conversion VLF receiver; if you feel you cannot go through life without hearing fish talk, a hydronic receiver; 100kHz crystal calibrator for frequency spotting; audio amplifier to boost receiver volume; speaker power amplifier for noisy locations; audio filter for sharp CW reception and narrow bandwidth speech response; and a decoder for scrambled voice messages. All projects are well illustrated with diagrams and include a parts list for each. IN WORKING WITH REPAIRS, ADJUSTMENTS OR THE BUILDING OF ELECTRICAL ITEMS, CARE SHOULD BE MADE TO OBSERVE ALL SAFETY PROCEDURES.

This 94 page, 8½ x 11, softbound book contains over 100 illustrations, charts and tables. It is available from Grove Enterprises, Inc., P.O. Box 98, Brasstown, NC 28902 for \$12.95 plus \$1.50 shipping.

CODE ARTICLE CONT ..... John Demmitt, PA

It is help to lay out the alphabet, assigning numbers to each letter. In this example a simple 1-26 is used but the arrangement can be changed to improve the security of the code being used. Below is the alphabet which was used to decode the message in this article.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z  
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26

When all the groups of the code have been assigned with the correct groups produced by the calculator and the difference compared to the alphabet, it decodes to the following message:

ORDERING ONE TEQUILA FOR HAVANA MOON

The above encoding method is just one of thousands that can be used utilizing a calculator and a prearranged start code. The variations are almost endless. Using your own imagine, you can create a code that is private and almost undetectable when it comes to decoding by outside parties. By using this method, one does not need to carry a one-time-pad which is a dead give-a-way.

Although nothing has ever been published prior to this article on the above method, one must wonder... are the numbers stations using this method when they transmit groups of numbers over the various shortwave frequencies?

This article is dedicated to Havana Moon who has not only inspired me with lots of enthusiasm in the areas of code and interesting stations to monitor but who has supported me when I needed it the most.

FLASH FLASH FLASH:

RADIO EARTH HEARD ON 7400 KHZ ..... John Demmitt, PA

Regular listener's of Radio Earth know that Jeff White has had a lot of plans come true because of his determination to make his goals come true. The latest venture to secure a transmitter for the station materialized with the addition of a TMC transmitter which has 25,000 watts on AM and 50,000 watts on SSB with the range of 2-28 MHz. Is this the transmitter that was heard testing on 7400 KHZ on Jan 8, 1986? Jeff stated in a press release that the transmitter is expected to be on the air for regular broadcasts on June 1, 1986. Good luck Jeff.



SPEEDX "STICK-ON" LOGO. Black on white background. Great for those loose-leaf binders, book covers, log books, QSL cards, file folders, and, yes, even on some of the equipment in your "shack." MUST BE APPLIED TO A SMOOTH SURFACE ONLY! Three "stick-on" logos, cost in NA is \$1.00 or 4 IRCs. Airmail to the rest of the world, three "stick-on" logos, is US \$1.50 or 6 IRCs. Sold only in sets of three. Order from SPEEDX HQS in Tucson.



Get yours today.





PSST!

# TIPS 'N' TOPICS

JOHN DEMMITT  
Box A, K0848  
Belleville, PA

DEADLINE: 12th



February is already here. Seems time is going fast but I suppose that is just one of the signs of old age. hi. A lot of letters were received here at TNT concerning the code that appeared in the last month's TNT column. Glad to see so much enthusiasm. Appreciate all the ideas that were shared, especially all of the nice comments. Although no one was able to solve the code, there is nothing to feel bad about because I gave advance copies to selected members of the American Cryptogram Association and none of the experienced code breakers were able to decode it either. Looks like we have a secured code that works! Below you will find the solution. Entertain yourselves with it. Perhaps you might want to try to decode the numbers broadcasts heard over various shortwave freq.

SOLUTION TO NUMBERS CODE GIVEN ..... John Demmitt, PA

As you will recall, last month a code was provided to the TNT readers and a challenge was issued to solve the code this author created in the same format as the numbers often heard over the various shortwave frequencies. For the benefit of those new members or those who do not have last month's edition handy, I am repeating the same text and will show the solution to decode it.

212	212	212						
2102	2185	5982	4191	1785	7655	6232	7410	
3556	7021	1368	6316	1187	5904	1966	1331	
8041	5666	1141	5902	2231	2433	3077	4823	
6015	1277	3218	4311	5467	3018	7851		

This code is very secure because the person receiving the code does not need a one-time-pad sheet to carry with him. He will be able to produce a random set of numbers that will replace the one-time-pad with the use of a small inexpensive eight digit calculator. With a pre-arranged start code, often involving the date along with the agent's code number, secure messages can be sent and received that are meaningless to anyone who happens to listen in.

In the above code for example, agent 7848 knows to program his calculator with the day, month and his code number. Since he received the radio message on Sept. 9th., he will place the numbers: 12097848 into his calculator. He knows that the key given at the start of the code is 212 so he adds those digits together and knows from the prearranged instructions that he is to press the square root key five times. He also knows from his training that he is to press the multiplication button & then the equal button once.

The number displayed is 2.7712087 and agent 7848 knows to use the last four digits of the first number which in this case is 2087, and put that number under the first group of numbers given over the air and subtract to learn the difference. The first group in the code is 2102 so he will subtract 2087 from that leaving him with 15. He knows to go to the alphabet and count off 15 letters to learn the first letter of the secret message. The first letter is "O" because O is the 15th letter of the alphabet. By pressing the equal sign once more he can take the last four numbers of the group (2167) & repeat the process for the second group of the code (2185). The difference is 10 which is the letter "R" on the alphabet. Try this on your own before turning to the next page to learn the secret message. Have fun.

In his excellent review of the CP-1 RTTY unit, Guy touched upon a few points that I would like to elaborate on.

Perhaps the most frustrating experience experience an SWL or ham can have is to try to set up RTTY capability with no previous experience and no "Elmer" around to help out. When compared to other digital modes like CW or FAX, RTTY is by far the most difficult to master.

About three years ago when I set up RTTY in my shack, I found out the true meaning of "blood, sweat and tears". I set up my TRS-80 CoCo with a military surplus demodulator and a simple interface box to give the computer the proper signal it was "looking" for. I spent at least 20 hours trying to tune RTTY signals and all I got was "MSKGNMS8\*8" and other meaningless garbage. I tore apart the RTTY unit to find any malfunctions, contacted the software author and bought every book I could find on the subject. Finally I paid my dues and it all became clear and my frustration was soon replaced with the thrill of seeing plain text scrolling across the screen.

First you must realize that almost half of the RTTY signals encountered on the HF bands are scrambled, inverted or monkeyed with in some way to make it very hard, if not impossible for us hobbyists to get solid copy. The military, with very few exceptions does this for security. Other services do the same thing for the same reason. Some news services that used to transmit on the HF bands now use satellites to bounce their signals, which for the most part are point to point transmissions.

Using a home computer is perhaps the most economical way to get started, but it also is the most complicated when compared to dedicated stand alone units like the Infotech M600 or the AEA MRO. First you have to tune your receiver keeping one eye on the tuning indicator while punching keys to set the software for what you think is the proper baud rate. Then you have to keep the other eye on the screen to watch for any sign of solid copy while using the other hand to fiddle with the shift control on the interface. Does this sound like a lot of busywork? You betcha!

Couple this with an unfamiliarity of RTTY technology and computers in general and you will find one very frustrated person! One fellow, who I urged to get computerized RTTY capability, who also shares my other hobby of combat pistolcraft, called me up one night and said "Hey Mike, remember that computer I bought for RTTY? Well, listen to this!" BLAM BLAM BLAM!. Out in the back yard of his country estate, with one hand holding the phone and the other with a .45 automatic, blew about a half dozen holes in his second hand C-64 computer. This is an extreme example but not entirely unrealistic. I had just returned from a weekend of pistol competition and wished I had been around to help him.

To those of you considering adding RTTY capability or are just getting started, let me offer you some advice and save you the cost of dumping the equipment in frustration or taking the radical "final solution" approach my friend did.

First off, enlist the aid of a ham or SWL who has already cut their teeth on RTTY. Chances are they can get your system up and running in very short order because they know what's going on. You might have to buy them a big Mac or a six pac, but the investment is well worth the time saved and knowledge gained, not to mention the high cost of ammo!

Secondly, monitor the ham bands for RTTY signals which are never scrambled and usually the same speed and shift throughout the band. Those press and embassy transmissions will still be there for you to try to copy later. After awhile, your ear will become trained to recognize the sound of a properly tuned signal so that you will only need to look at the tuning indicator to fine tune with.

Lastly, and perhaps most important, start off using standard equipment and software that has a proven track record. Don't repeat my experience of trying to use surplus equipment with no manual or "Elmer" around to help.

Once you have the system running you will find opened to you a new world of radio signal interception that is well worth the effort. 73!

I couldn't stand it any longer! I just had to find out what all those bleeps, blurps and chirps on the SW bands were saying. So this summer I purchased a used VIC-20 computer for \$40, and added a used AEA CP-1 "Computer Patch" interface and a new AEA SWLTEXT software. I already owned a monitor, so my total investment to add RTTY capability to my shortwave hobby was \$265.

In my opinion, The AEA units give the greatest value-per-dollar than any other RTTY setups on the market. True, the Infotech models M600A are the best performing, but the AEA units offer practically as many features for a much lower price while giving good performance.

The CP-1 is a solid, widely used interface that also includes circuitry for the transmission of RTTY. Whenever I monitor the ham radio RTTY frequencies, I notice many hams saying they use the CP-1.

For SWL use, the CP-1's best feature is also its most demanding feature. The variable shift control can match any RTTY shift between 100 hz and 1000 hz, but it takes awhile to master it, in combination with the bargraph LED tuning indicator. The idea is to carefully tune your receiver for "maximum closure" of the bargraph, and then twiddle the variable frequency knob to eliminate blinking of the bargraph display, easier said than done. At first, I simply could not match any signal with the variable shift. A call to AEA's technical department put me in touch with Bret, who was sympathetic to my dilemma and offered two ideas. First, practice! He said it really does take a while to master. Second, calibrate the front panel so that the variable shift knob can be quickly set to the standard shifts of 170, 425 and 850 hz. I did just that, with a signal generator and a frequency counter. This made a great difference, and I'm now able to properly tune nearly all RTTY signals encountered. The variable shift is not a linear control, and without the calibration marks you can't really tell where most RTTY shifts are located. For that occasional off-standard shift signal, the CP-1's variable control is its most valuable feature. The higher priced AEA CP-100 has push button switches for the 3 standard shifts as well as a variable shift control. But I find a calibrated single shift control on the CP-1 quicker to use than separate push buttons.

The CP-1 has a squelch circuit that keeps "garbage" from printing on the screen between signals. A greater range of background noise levels can be squelched by replacing the 1K trimpot R74 on the rear panel with a 5K version. I mounted a full sized potentiometer with knob on the rear of my CP-1. This made a real difference and helps keep the screen uncluttered. It also eliminates having to answer onlookers' questions such as "why does it say GGFLYX?%!A?" even when the funny noises stop?

For CW demodulation the CP-1 requires a fairly high audio level before it will send TTY level voltages to the VIC-20 and the SWLTEXT. This means that your ears are being pierced by uncomfortable volume levels of Morse while you are watching text on the screen. I like to switch out my external speaker after tuning in a CW signal to save wear and tear on the only two ears I've got. (The CP-1 must derive its audio from an external speaker jack or headphone jack; a recording jack does not provide the required level).

The CP-1 has sharp, 4-pole mark and space filters, as well as separate mark and space detection; the unit will copy on one tone only, when the other tone selectively fades. This Automatic Threshold Correction circuit performs well, and sets the CP-1 above the mark-only RTTY interfaces that do not have ATC, such as some of the lower priced MFJ units.

A number of other useful features are to be found on the CP-1, including a variety of rear panel input & output jacks. Get an AEA catalog or detailed advertisement to review. In short, the CP-1 is a winner!

(To be continued next month with Guy Atkins' review of SWLTEXT)

# Product Profiles

NEWS AND REVIEWS

COMPUTER INFO

TECHNICAL TOPICS

Michael Nowicki N6LUU

6200 MEADOWOOD MALL CIRCLE #368  
RENO, NV 89502

---

From Grove Enterprises, PO Box 98, Brassrown, NC 28902 comes word of two new products. The first is the OMNI continuous coverage antenna for the 30-960 Mhz region. A single 66 inch element works on the harmonic principle using a vertical dipole design with a TV type 'F' connector. Price is \$19.00 plus \$2.00 UPS. This sounds like an antenna you lucky folks with a Yaesu 9600 or Icom R-7000 should look into.

Also from Grove comes the "THE LISTENER'S HANDBOOK" by Bob Grove. This 94 page book comes in an 8 1/2" x 11" softbound format and is divided into 8 chapters, each of which is full of useful information. These chapters are; The Electromagnetic Spectrum, Users of the Radio Spectrum, Security and Surveillance, Station Layout Considerations, Antennas, Interference, Listening Hints, and Projects Section.

It seems to be geared toward those SWLs who want to expand their horizons but don't want to get bogged down in complicated formulas and abstract concepts. The book is written in an easy going style that doesn't assume too much on the reader's part but does have a few sections on antenna construction and projects to build that will satisfy the technically oriented among you.

The book has taken material from the now out-of-print COMMUNICATIONS MONITORING and BEHIND THE DIAL, with updated articles and subject matter. What impresses me is the completeness of the selection of subjects. Its all here; ute, swl, interference, selecting a receiver, signal modes, antennas, logbooks, even bugging gets a look-see. The only area I would have liked to see more of, is using computers for digital reception and shack organization.

The projects section includes a transmatch for the VLF range, voice descramblers, even a microphone that will listen to fish talking! A total of 16 practical projects will entice most of you into heating up your soldering iron. Priced at \$12.95 plus \$1.50 shipping it fills the bill as both interesting reading and an excellent reference source.

---

The ANARC BBS is back on-line at 1-505-289-7903. The system has been streamlined for faster operation and improved with many new features. One of the most significant is the North American Database with skeds, loggings and QSL info. Product reviews, tech topics and a computer corner also grace their data files.

The BBS operates as a 300 baud, 8 bit, no parity, full duplex host which means it's compatible with most computers and terminal programs. Scheduled hours are from 0500-2300 UTC weekdays and 0500-1400 UTC weekends. When you log on for the first time you will have to supply a unique password for yourself and some personal info. For those of you with a C-64 or 128 and a 1650 Automodem, they have a simplified and dedicated terminal program that auto-dials for you. Send them a blank disk plus \$3.00 for US, \$4.00 for overseas, to ANARC BBS, 4347 29th St., SE, Rochester, MN 55904-6043.

---

DID YOU KNOW DEPT?: Most of you have seen the movie 2001 where a computer named HAL starts displaying some very anti-social behavior. But did you know that if you shift the letters HAL up one letter in the alphabet you get IBM !



# SPEEDX MEMBERSHIP FEST

February thru May 1986

SIGN UP FOR AN ANNUAL MEMBERSHIP IN SPEEDX DURING THIS MEMBERSHIP FEST, AND

RECEIVE TWELVE MONTHLY ISSUES OF THE HOBBY'S BEST CLUB MAG SPEEDX PLUS

THE OPPORTUNITY TO PARTICIPATE ACTIVELY IN OUR FINE CLUB PLUS

IF YOU ARE A NEW MEMBER OR A REJOINING MEMBER AFTER LAPSE

TAKE YOUR CHOICE FREE OF ONE OF THE FOLLOWING CLUB ITEMS:

- "Sunset - Sunrise Booklet" (SSB)
- "Foreign Language Reporting Guide" (FLRG)
- "The First Shack: Pitfalls and Problems" (FSPP)
- A SPEEDX Bumper Sticker
- A set of three SPEEDX "stick-on" logos, or
- A complete set of Basic Information Pamphlets (BIPs)

IF YOU ARE PRESENTLY A MEMBER AND RENEW YOUR MEMBERSHIP  
(Regardless of current expiration date)

TAKE YOUR FREE CHOICE AS ABOVE FOR A NEW MEMBER, or

RECEIVE TWO EARNED CREDIT POINTS TOWARD FULL SPEEDX MEMBERSHIP

AND, IF YOU ARE CURRENTLY A SPEEDX MEMBER AND YOU GET A MEMBER

RECEIVE TWO EARNED CREDIT POINTS TOWARD FULL SPEEDX MEMBERSHIP FOR EACH NEW MEMBER ENROLLED.

PLUS

PARTICIPATION IN A GRAND MEMBERSHIP FEST DRAWING!

ALL individuals participating any time during the membership fest period, in any of the above categories, are eligible for the Grand Drawing at the conclusion of the membership fest. Five member names will be drawn and awarded membership items as follows: First name drawn will receive an annual SPEEDX membership free; second name drawn will receive a complete "SPEEDX Reference Guide to the Utilities" (SRGU); third, fourth and fifth names drawn will each receive a copy of "A Guide to Soviet Radio" (GSR).

IMPORTANT! When participating in the membership fest, be sure to indicate on your membership application form, your renewal notice, or in your letter WHICH membership item you desire to receive for your participation where a choice is available. When such choice is not specified, club HQS reserves the right to make the choice for you!

February thru May 1986

# SPEEDX MEMBERSHIP FEST !!!

# DXM PRESENTS... THE CONTEST PAGE

\*\*\*\*\*

Welcome again to the DXM Contest Page. We'd like to remind you that when entering one of our contests, it is okay to send the entry via CDE Peggy Thompson, if you wish. Also be sure to include your name and address on the entry itself; with the ton of paper I have around here, envelopes are sometimes the first thing to go, so make sure to include your address!

**ANNIVERSARY SWEEPSTAKES:** This is our special contest, to celebrate 15 years of SPEEDX. Between now and March, everyone who sends in a contribution to DX Montage will have his/her name put in a box. One name will be drawn, and for that lucky person, your editor will foot the bill on a six month extension to your current SPEEDX subscription! You may send in as many contributions as you wish, and each time you do, your odds of winning increases. So, send DXM those contributions, and get a chance to win an extra six months of the SPEEDX magazine. The lucky winner will be announced here next month!

**FOREIGN COMPETITION:** I've been wanting to know Argentina's name for the Falklands, and Shenshu Shimada-JAPAN knew it was Las Malvinas. For his correct answer, Shenshu will be getting a WPLA button. Now, our next competition: What was the colonial name for Zimbabwe? Winner will receive a SPEEDX stick-on logo. Deadline is May 12th.

**PIN THE TAIL ON YE ED:** Giorgio Romanin-ITALY knew that Happy Station had its inception in 1928. For his correct answer, Giorgio will get various pamphlets available from headquarters. Now, our next quiz; deadline is April 12th: What are the world's northern and southernmost SWBC stations? Winner will get an Asia/Oceania bandscan, compiled by Bob Thunberg. Good luck.....

**GEOGRAPHY QUIZ:** Our mystery country last month was Kenya. Congratulations to John Heaton-FL, who is our winner. Identify this month's mystery country, and receive A Guide to Soviet Radio: Location: Pacific. Population: 600,000 (1977 est.) Ethnic Groups: Indian, Melanesian-Polynesian, Europeans. Languages: English (official), others. Religion: Protestants and Hindus. Area: 7,055 sq. mi., the size of New Jersey. Topography: There are 840 islands (106 inhabited), many of them mountainous, with tropical forests and large fertile areas. Viti Levu, the largest island, has over half the total land area. Chief crops: Sugar, coconut products, ginger. T.V. Sets: 30,759. Radios: 400,000. History: A British colony since 174 this country became an independent parliamentary democracy on October 10, 1970. Cultural differences between the majority Indian community, descendants of contract laborers brought to the islands in the 19th century, and the less modernized natives, who by law own 83% of the land in communal villages, have led to political polarization.

Our LANGUAGE ID competition resumes next month.....

\*\*\*\*\*

After completing the column (15th), I checked my mailbox, only to find a ton of mail that the USPS delivered late, as usual. To those of you who fall into that category- my sincere apologies, and we'll have your contributions next month. I strongly urge you to use my nine digit zip code, listed on the back cover. Using it will make a difference! So, until March, have good DX, and remember to send those articles in.....

**CRACKER COUNTRY:** You rediscover the world each time you turn on your shortwave radio.....

*BS and Best.  
David.*



ulace." Mr. Chanoine said Radio Soleil had been temporarily closed because it had violated Haitian press law. Authorities imposed the news ban after two church-operated radio stations, including Radio Soleil, reported on growing unrest and anti-government demonstrations in Gonaves, scene of food riots last year. Radio Soleil did not broadcast news during the ban, but did transmit several sermons urging youth to "stand firm." (Originally carried in the International Herald-Tribune; sent to DXM by Bob Moser-IL.)

Fire Damages Indonesian T.V. Headquarters: (Transcribed from BBC World News by William Dickerman-PA) Reports are coming in of a serious fire at the headquarters of the state controlled television service in Indonesia, TVRI. The reports say the fire destroyed studios and offices of the main television complex in central Jakarta causing damage estimated at several million dollars. The fire is thought to have started in a costume store room, but the cause is so far unexplained. Five months ago, an unexplained fire destroyed the offices of the state owned radio service in Indonesia, killing two people....(Tks for contributing, William. ds.)

Jack Sanderson has recently forwarded us a catalog from Radio Plus Electronics. Among the many items mentioned is the WRTH, offered at the discount price of \$15.50 (add \$1.50 for shipping). They also seem to have a good supply of receivers and ceramic IF filters. For your catalog send a 22c stamp to: Radio Plus Electronics, 3635 Chastain Way, Pensacola, FL 32503. Phone inquiries, at 904-434-2216, are welcome Sunday through Thursday between 6 PM and 10 PM Central Time.

Michigan DXers, Lookie Here! The Michigan Area Radio Enthusiasts have been accepted as a provisional member of ANARC effective 12/13/85. Membership has grown to over 70, and several DXpeditions have been planned. Membership info and a sample newsletter is available for 50c to: MARE, 24500 Union, Dearborn, MI 48124. (From Donald Hosmer-MI.)

The "Beeb" is Gospel to Millions: When Israel's Lebanese Christian allies massacred Palistinians in the Beirut refugee camps in 1982, the Israeli prime minister then, Menachem Begin, said he found out about it from the BBC. Such is the impact of the news on the BBC.

The BBC's foreign broadcasts were recently silenced by a journalists strike for the first time in their 53-year history. Broadcasting in 37 languages to an estimated 120 million listeners, the BBC is one of the most enduring legacies of empire.

The BBC was founded in 1932 to serve a world then one-fifth British & remains the primary news source in many countries. The recent 24 hour strike, part of a general shutdown by British radio and TV journalists, had been called to protest the suppression of a BBC TV film about extremists in Northern Ireland. In Britain itself, with no radio or TV news, the newspapers kept news junkies supplied. The Soviet Union, like many countries that censor their radio stations, seized upon the protest and the shutdown as supposed proof that British speech was not as free as the British or the BBC say.

The irony, according to BBC spokesman Richard McCarthy, was that soon after the historical strike began, the Soviets stopped jamming BBC transmissions.

Although it is well behind the Voice of America, Radio Moscow, & even West German and Chinese radios in budget, hours and number of languages it broadcasts, the BBC claims the largest audience.

Operating around the clock, speaking everything from Finnish to Swahili, the BBC's scope and authority are staggering. In northern Afghanistan during the Soviet invasion, reporters watched illiterate shepherds huddled over radios in their tents, twiddling the dials in search of the BBC broadcast in the Pashto language. (Excerpted from the Tampa Tribune)

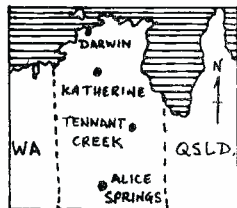
According to David Claytor-MI, Radio Havana Cuba is conducting their 25th Anniversary contest. If you would like additional info, drop a line to: Radio Havana Cuba, P.O. Box 7026, Havana, Cuba.....

A Reminder that QSL cards for correct reception reports of the SPEEDX Report are still available. Please also enclose a 22c stamp or an IRC (overseas, please include two 22c stamps or 2 IRC's). Hope to see your report soon.....ds.

Receiver Shopping List Available: Radio Netherlands publishes this free guide to help you find the best receiver for the money. All receivers are graded individually, and availability and price information is also included. Also included in the guide is a section on models that have been recently discontinued and are on the clearance market. This guide is available, upon request, from: Radio Netherlands, P.O. Box 222, 1200 J.G., Hilversum, The Netherlands. (From David Klopfenstein-OR. When writing for your guide, mention you saw it in SPEEDX! ds.)

If You've Been on Mars, or if you just haven't made it to the post office.....the cost of IRC's have gone up again, to 80¢. According to Linn's Stamp News, this change is a result of regulations adopted at the 1984 Hamburg (Germany) Congress of the Universal Postal Union and by the USPS becoming a signatory to the UPU Parcels Agreement. (Tks to Bob Moser-IL for sending us the article. Your editor has probably purchased his last IRC.....)

ABC Regional Stations Expanding: A new radio service from the Australian Broadcasting Corporation to cover remote parts of the Northern Territory is going under trial. Transmitters for the high frequency band svce are being installed alongside the existing mediumwave transmitters at Katherine, Alice Springs, and Tennant Creek. A spokesman for the Department of Communications says many of the areas to receive the new service have had in the past no radio service or scratchy reception from R. Australia, the overseas service of the corporation. The programs will start by relaying broadcasts from the Darwin studios, but in the long term it's envisaged that separate programs will be carried on the new service. (Transcribed from RA news by Thomas Sable-NY. I believe some frequency info re: this svce was in the January Asia/Oceania column...ds.)



The National Radio Club has "You Design It" labels for all purposes: cassette tapes, envelopes, or whatever. If you would like more info, send a SASE to: NRC, Publication Center, P.O. Box 164, Mannsville, NY 13661. (From Wayne Heinen-CO.)

UNID is the clever acronym for United Northwest Inland DXers, and they've just established their awards program. All awards are colorful 8½ x 11 & suitable for framing. For more info, send a SASE and U.S. \$1 to: UNID Awards, c/o Gary Stone, East 603 Empire, Spokane, WA 99207. (Courtesy Gary Stone-WA.)

New Feature: DXM Membership Profile: John B. Heaton, Largo, FL: My name is John, but no friends call me that- it's Jack. My age is 74. I have 2 sons and five grandchildren. My interest in shortwave radio began in Pittsburgh, PA in 1931. My first receiver was a Crosley Stube Super-het table model with a Stewart Warner 3 tube converter.

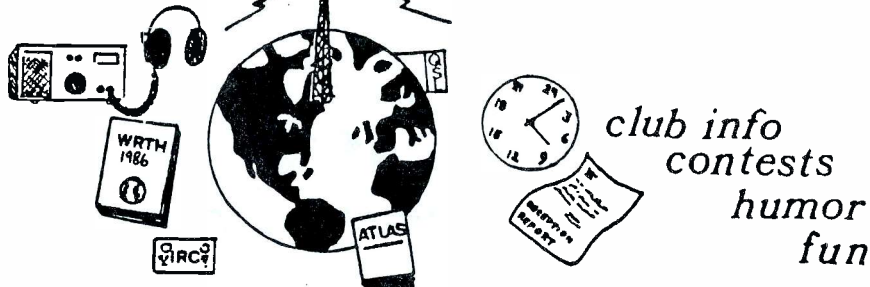
For the very modestly priced equipment that I had at the time, reception was quite satisfactory with signals from the western states coming into my Pittsburgh address, often. My present receiver is a Realistic DX-150, purchased in 1968 for \$120.00. It has never required any service, with the exception of a broken dial cord which I restrung. My other hobby is stamp collecting (U.S. stamps)- I have enjoyed this since 1937. I have been a licensed ham since 1977 but am currently not active in amateur radio. I moved to Florida from Detroit in 1969. I am a member of Rotary International and several Masonic Bodies. (Thanks to Jack for this personal profile. I'd like to make this a regular feature, if interest warrants. Editor reserves the right to edit where appropriate. ds.)

Haiti Closes Radio Station: Authorities have shut down a Roman Catholic radio station that reported on recent unrest and violence in Haiti, and Haitian police have arrested a former government minister in a raid on his home. Interior minister Jean-Marie Chanoine said that Radio Soleil was shut down because the church-operated station, despite a news ban, had broadcast information that "would tend to excite and alarm the pop-

\*\*\*\*MY TYPEWRITER HAS MADE IT THIS FAR....\*\*\*\*

DX

MONTAGE



*David Sharp, 17602 Meadowbridge, Lutz, FL 33549  
 Deadline: 12th of the month*

FEBRUARY, 1986

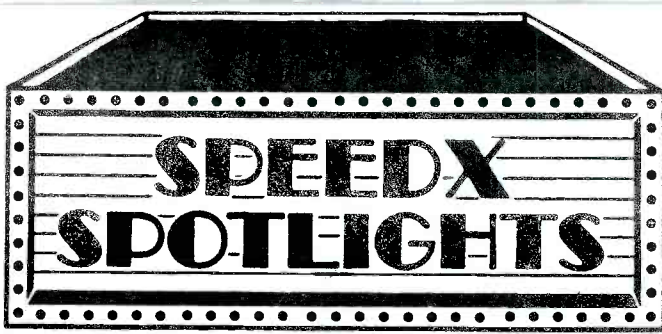
During the past couple of weeks, your editor became a victim of Murphy's Law; my streak of bad luck began when the tuning shaft on my Kenwood went kaput, but I eventually got that fixed. Later that week, my Chevette's engine blew while en route to work in Plant City (I now drive a pickup). And, to put the icing on the cake, I was pulled over and ticketed for speeding (editors are human, too!) Now, the only other thing that can happen is for my typewriter to break down, hi. Lots of great material this go 'round.....  
 \*\*\*\*\*

I don't usually print letters in DXM, but I received a note from a new member in Australia, which I thought I'd share with you: (Michael Byrne, Charters Towers, Australia): "I received my first copy of the SPEEDX magazine yesterday and I was so impressed by it that I will be posting my dues tomorrow.... The Australian dollar isn't in a very enviable exchange position and I will end up paying about \$50.00 in Australian currency; however, I consider every cent of it well-spent because in my 31 years of SWling and DXing, I have never before come across an organisation like SPEEDX and a magazine such as you publish. Actually, I've had time to read only seven pages, but those were enough to convince me to join....."

I use a NRD-515 rx and a FRG-7, with a TH3JR beam and rotator...as well as a preselector and various tape recorders.73 to all in SPEEDX. (Tks Mike, and we hope we'll continue to hear from you! ds.)

Don't Touch That Dial: In fact, don't even turn on your receiver! Legislation introduced into the House of Representatives by Robert Kastenmeier (D-Wisconsin) and Carlos Moorhead (R-California) would, if signed into law, make the reception of nearly every type of radio transmission a Federal offense. The Electronic Communications Privacy Act of 1985, HR-3378, is the name of the travesty and its backers (mainly the cellular-telephone industry) want to make it a crime to receive any radio signal that does not fall into one of these categories: distress calls, Amateur Radio Service, Police or Fire Radio Service, CB, broadcasts intended for the general public, and walkie-talkies. What this bill tries to do is extend the laws against wiretapping to the radio spectrum. In fact, monitoring an amateur phone patch would be illegal under this proposal. This is obviously absurd, but the bill has strong support and not much resistance! Sit down, right now, write a letter to your Congressmen, and tell them you think HR-3378 is a direct attack on your rights as a citizen of the United States. (This was in a recent edition of 73 Magazine, and was sent to DXM by Al Quaglieri-NY. Al believes that if this bill is passed, UTE DX'ers will be instant outlaws. Other implications of this bill could be "general coverage" receivers, which would cover only the ham and SWBC bands. Write your letter today!! ds.)

SPEEDX Reports Expanding to Radio Connection on KCBI. Our first weekly pgm was aired at 1830 UTC on 1/12 on 11905. Radio Connection can also be heard Monday-Saturday @ 1903 and 2000 UTC on 11790. Support your SPEEDX Reports on KCBI, HCJB, and RSA!



# SPEEDX SPOTLIGHTS

**THESE SPECIAL DX'ers and SWL's**

**David Sharp, Editor**

**17602 Meadowbridge, Lutz, Florida 33549**

**Deadline: 12th of month**

This month, we welcome eight new Full Members to the Top of the Page.....

ANTHONY FALBO.....OR  
MICHAEL HAWK.....VA  
RICHARD LEMKE.....AB

KATHY MORIN.....OH  
GEORGE NEFF.....ON

MARC SCHLOSSMAN.....CA  
DARREN WHITE.....MS  
EDWARD ZIEGLER.....ME

Congratulations, and welcome to Full Membership. Enjoy your benefits.....  
\*\*\*\*\*

Lots of new and rejoining members of North America's #1 shortwave club...

Victor Guilder  
San Anselmo, CA  
(FRG 7700)

Bob Bartholomew  
Canoga Park, CA  
(DX 360)

Chas L. Michulka  
Stafford, TX  
(NRD 515)

Henry T. Hey  
Yuma, AZ  
(ICOM R71A)

Richard Schmucker  
Brock, NE  
(DX 160)

Harm J. Rijks  
Oosterbeek  
THE NETHERLANDS

John Vercellino  
Downers Grove, IL  
(Grundig Majestic)

Stephen George  
Amherst, MA  
(Hallicrafters)

Trevor Stanley  
Flagstaff, AZ  
(NRD 515)

M. C. Gilpatrick  
Albany, GA  
(Kenwood R2000)

Dave Magnuson  
Greeley, CO  
(Kenwood QR666)

Noah Robert  
Metairie, LA  
(ICOM R71A)

Harold Lane  
Carlisle, MA

Lawrence Wegner  
Camp Hill, PA

Richard Blaisdell  
St. Albans, VT

Richard Gula  
Boston, MA

Bob Coomler  
Kennewick, WA

Steve Thompson  
Alexandria, VA

Jim Andrew  
New Orleans, LA

J. W. Deese  
Lexington, KY

Jonathan Kamras  
Houston, TX

J.C. Devendorf  
Laguna Niguel, CA

Larry Garrett  
Bellflower, CA

Edward Searle  
Hilo, HI

Carl Anderson  
Barnveld, NY  
(ICOM R71A)

\*\*\*\*\*

Welcome again to our team of 25! Nice to have you aboard, and we think you'll agree...SPEEDX is about the best around. If you have other friends who don't know about your club (you're a part of it now!), why not send them the SPEEDX way? We continue with DX Montage on the next page.....

# Up Front

**Tom Kephart  
P.O. Box 2041  
Mt. Pleasant, MI 48858**

BOARD OF DIRECTORS NEWS \* LETTERS \* ANARC NEWS \* LAST-MINUTE INFORMATION

*Letters to Up Front should be limited to 150 words or less, and must include the author's signature and full address. Letters may be shortened due to space limitations. The opinions expressed by members in Up Front do not necessarily reflect those of the editor of Up Front, the Board of Directors, the staff, or the membership of SPEEDX. Thank you for your cooperation. (tk)*

**OUTLAW DXers?** There is currently a set of bills before the United States Congress (H.R. 3378 and S. 1667), collectively known as "The Electronic Communications Privacy Act of 1985". These bills, introduced by Rep. Robert Kastenmeier (D-WI) and Sen. Patrick Leahy (D-VT), seek to limit the rights of radio monitors, such as you and I, to listen to certain radio services or frequencies. Actually, I am being fairly diplomatic in that last sentence, as I will let the following writers prove:

*Richard T. Colgan, ANARC Executive Secretary, December ANARC Newsletter:*

"...Originally, the bills were written to protect electronic mail services from unauthorized interception. But one special interest group got hold of the bills and they're now something entirely different. But more about that in a bit. The bills would amend Title 18 of the United States Code to make unlawful the interception of any form of electronic communication not specifically exempted or not "readily accessible to the public". The bills go on to say that listening to such things as ham or CB operators, any station "for the use of the general public, which relates to ships, aircraft, vehicles, or persons in distress", or transmitted by "a walkie talkie, or a police or fire communication system readily accessible to the public" would not be illegal.

Penalties for breaking the law could be as high as \$5,000 and/or imprisonment for up to two years for a simple CASUAL infraction, to as much as \$250,000 and/or up to two years imprisonment for an offense committed "for the purposes of commercial advantage, malicious destruction or damage, or private commercial gain". In addition, the bills allow for stiff civil monetary penalties....

...[T]he major thrust of the bills has the potential to make it unlawful for us to listen to international broadcasters, utilities, TV, FM or VIRTUALLY ANY FORM OF RADIO COMMUNICATIONS.

Alarmist? Perhaps. Impossible? Not at all!

There are four major problems with the bills as they are now written. First, they don't carry even a reasonably clear or complete listing of the types of communications to which it would be legal to listen. Second, there is no definition of what "readily accessible to the public means, thereby making it impossible to test the list of permissible listening to see what the REAL limitations of the bills are. Third, it's difficult to conceive or understand how the law could possibly be enforced.

The fourth problem for us is what presents the greatest strength to some of the bills' proponents. The bills attempt to shift the responsibility for radio communications security from the system user or provider to the public in general.... [Cellular telephones] are the hottest thing in communications right now. And they've been sold as being the ultimate in privacy; for secure communications while traveling in your car, the new 800 MHz cellular telephones are supposed to have it. But, you see, they don't. And the manufacturers and dealers knew that when they brought them out. After all, scanner enthusiasts have been listening to mobile phones in the VHF and 450 MHz UHF bands for as long as phones have been in cars. And it was only a matter of time until one of the scanner companies brought out a product that covered the 800 MHz band.

That probably wasn't too bad in itself, but a major scanner manufacturer thought advertising that their units would pick up cellular mobile telephones would help sell a few more of their product. When one of the west coast media tried an 800 MHz scanner and reported on what they heard, there was an uproar -- from the folks who had purchased cellular phones, from cellular telephone companies and from their industry trade associations. To shorten the story a lot, the cellular telephone industry's influence is a prime reason why the bills are

**Up Front continues on page 63**



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## SPEEDX

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(Regardless of current expiration date)

TAKE YOUR FREE CHOICE AS ABOVE FOR A NEW MEMBER, or

RECEIVE TWO EARNED CREDIT POINTS TOWARD FULL SPEEDX MEMBERSHIP

AND, IF YOU ARE CURRENTLY A SPEEDX MEMBER AND YOU GET A MEMBER

RECEIVE TWO EARNED CREDIT POINTS TOWARD FULL SPEEDX MEMBERSHIP  
FOR EACH NEW MEMBER ENROLLED.

PLUS

PARTICIPATION IN A GRAND MEMBERSHIP FEST DRAWING!

**Full details are on page 8**

## OUTLAW DXers?

Could radio monitoring become an  
illegal activity? It's possible.

...see **UP FRONT**, page 2

**The DX Radio Magazine for Active SWLs**