



# DX MONITOR

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April 3, 1971                      LAST WEEKLY ISSUE                      VOLUME EIGHT, NUMBER 28

All times in the domestic sections are EST. Times in DXWW are GMT. EST + 5 = GMT.

Editors should announce their deadlines for summer issues along with their full name and address at the top of the first page of their section. Members are encouraged to report regularly to DXR editors; don't wait until the last minute or you might lose the whole month's rpt. Weekly cards/rpts to the editors will be appreciated by all.

President: (All dues and changes of address should be sent here)

Mike Northam - 1608 N.E. Knott Street - Portland, Oregon 97212

Membership Dues: (U.S. funds) \$9.50 first class mail, \$6.50 third class mail, \$14 air mail. Third class is not recommended because of unreliable service.

Please mail dues to Mike at 1608 N.E. Knott Street and be sure to get renewals into the mail 30 days before the date of expiration on your bulletin.

Publisher: Don Erickson - 6059 Essex St. - Riverside, Calif. 92504

Phone 24 hrs a day: 714-687-5910. Emergencies: 688-6010 Office: 688-5050  
Station-to-station only please; no one else is at 5910 or 6010. Deadline for phoned CPC program info or DX tips is sometime during the week preceeding date of issue.

Bulletin schedule: April 17, May 1, 15; June 12; July 17; Aug. 14; Sept. 4, 18; Oct. 2, 16, 23, 30, etc. and weekly thereafter. Bulletins during the summer will likely be mailed Fri-Sat-Sun surrounding date of issue.

NEXT ISSUE: April 17. COMING SOON: Membership List, Doug Nyholm's ARIZONA Spotlight, Results of April DXWW Contest, Financial Report, Convention Site Ballot Results (in May 1 issue), and much more. Details on several editorial appointments will be announced by Mike Northam also. And postage increases....new stamps are being printed by the Postal Service already; they are even waiting for official approval.

Computer printed bulletin labels: For those not familiar, IRCA records are kept on data processing cards (IBM cards) and labels printed by computer. The EXP date is the date of the last issue you will receive under the membership current as of the date of the labels were prepared. A, 1, 3 refer to air mail, first class, and third class mail.

		EST	DX CALENDAR			
Tue. Apr.	6	0630-	KSFA	860	Nacogdoches, Texas	1kw frequency check-AWO
Mon.	12	0300-0400	CKRW	610	Whitehorse, Y.T.	1kw NNRC/Michael Lynch
Mon.	26	0200+	WGBG	1400	Greensboro, N.C.	250w NNRC
Wed.	28	0100-0400	WCOX	1540	Camden, Alabama	1kw NRC-IRCA/Lombardo
Thu. May	27	0345-0400	KWYS	920	West Yellowstone, MT	1kw f/c - Jim Adams

KSFA is a f/c per verie. Reports to: KSFA, Gene Fields, PD, Box 848, Suite 301, Savings & Loan Bldg., Nacogdoches, TX 75961. -Al Ogrizovich

CKRW reports to: CKRW, Box 1799, Whitehorse, Yukon Territory, Canada. Info received from Tom Sundstrom, Gene Vonderembse, John Tweedie & Dave Singer. Arranged by NNRCer Michael R. Lynch.

WGBG - no info as always

WCOX will use C&W music. Return postage is a must; prepaid calls will be accepted at 205-682-4677. Reports to: Steve Kennedy, WCOX, P. O. Drawer 620, Camden, Alabama 36726. Steve Kennedy is an NRC member; his Musing in DXN indicates the programming ought to be out of sight! His bridge, Nadine, will be part of the program. -NRC/IRCA-John Lombardo

April 3, 1971

KWOW Veries KWOW-1600, Pomona, Calif., will now verify reports according to Bill G. Powers. Reports should be sent to: Mr. Jon Wickstrom, CE, KWOW Radio, South Mills and Olive, Pomona, Calif. 91766. Naturally RP is a must; a new report is suggested but nothing has been said about f/ups. If you fail to receive a verie within 6 weeks, please let Bill know. -Bill Powers, 4155 Madrona Rd., Riverside 92504.

WYSL Veries Jim Jankowski writes: "WYSL-1400 is a strict non-verifier. Recently, they launched a new program, "Let Me Speak to the Manager," in which the GM answers questions about broadcasting, etc. I wrote telling about DXing and sent in a reception report. I just received a v/1! It might be worth a try to other DXers. Address: Laurence A. Lévite, GM, WYSL, 425 Franklin, Buffalo, NY 14202. Follow-ups not recommended; SASE a good idea." -Jim Jankowski, Corfu, 14036

C P C                      R E S U L T S

WUFO apparently was not on for any of the scheduled programs (tests).

WMVO was not on during the corrected date of 3/22 either.

WBNC has still not been reported as heard by anyone though WHN was enough to kill it for most.

KREL was on per sked and hrd well w/5kw by Mike Hardester and Roger Horie; poorly on 500w by Mike Hardester. Percy Kesteven hrd them in Edmonton; his phone call was mentioned on the air. Announcing was done by Jeff Antell and James R. Miller. Bill Powers' tape on reception reports was used again this time, ending with "Merry Xmas and Happy New Year"!!!

WISE was hrd by David Singer w/exc. sigs w/RS sounding pgm. UnIDed TT o/u. Steve Howe rpts same TTer by phone but hrd the first part of the WISE test. Al Ogrizovich had fair sigs o/u WIFE 0200 3/29. John Lombardo hrd them weakly w/ request for phone calls at 704-253-8300. Robert Kramer hrd WISE u/WIFE. Tom Sundstrom hrd one ID in the clear at 0301. Alan Merriman had good sigs w/pop mx & IDs 0200-0215.

WINE hrd by Steve Howe 0200-0305 w/PoP 0200-0230 w/TTs and 0230-0300 w/mx. The correct frequency was 940, not 980, and some may have therefore missed it. Dave Singer hrd them w/fair sigs and moderate WRNL slop. Al Merriman rpts good signal w/QRM from second stn testing also, possibly WINZ. Hrd by Al 0225-0245.

WAGL - Additional loggings rptd by Eric Tibbatts, Percy Kesteven and Steve Howe; also Jim Boyd.

Gordon Hanson rpts that Bruce Portzer hrd Greenland-1425! Gordon had JOAB-690 better than KKUA-690 on MM 3/29 0700 EST. Also JOBB at 0800. Both of Gordon's were with TRF and built-in ant. Chuck Albertson hrd JOAB-690 and JOIB-750. On SM 3/28, Gordon hrd NK-655, China-1040, and JOIB-750.

Mike Hardester rpts unIDed 0649-0710 EST w/TT on and off on 720 o/WGN 0349-0351 and u/WGN 0351-0410. Mike is checking on it. Area Code (702) Directory Assistance has no new listings for radio stations in Las Vegas so no info there. Who will be the first with positive details? Or is it possible the CP is long lapsed and will never come on?

Tom Sundstrom sent along two news articles, one of Indiana's time zone plight. Ind. is rushing to try and exempt the small portions of the state in Central zone from having to remain on Standard Time (CST) because the remainder of the state is remaining on EST. The bill would permit the two small portions of Ind. to use CDT while the rest of the state uses EST. The result would be all of Ill. and Ind. on the same time even though named differently. The other article sent by Tom is on Great Britain's plan to, for the first time, permit commercial radio. The plan is to have up to sixty local commercial stations. The system is expected to come into existence sometime next year, 1972.

CPC Results cards (postage free) will soon be distributed to those who have requested and/or have already participated in CPC Results. The purpose is to provide the average member a convenient opportunity to participate in making the Monitor more timely and useful for the membership. Your patience is appreciated. -DEE

This issue goes out 0600 PST on Saturday morning, April 3, 1971. Postmark or not!

EDITOR: Bruce Portzer - 14056 5th Avenue South - Seattle, Washington 98168

	CV	TV	TFV	EUROPE	ASIA	YR
1. David F. Thomas, Ohio	131	4230	996	Fjord R.-1116	VUO-750 30 watts!	24
2. C.M. Stanbury, Ont.	111	1453	461	112 Free Cazch R.-7C1	7 Khabarcvsk-629	51
3. Alan Merriman, Va. *	80	1261	154	71 Kaliningrad-1115	3 Yerevan-863 15Ckw	58
4. Larry Godwin, Colo.	63	1250	372	18 R. Veronica-1562	13 JOG-850 10kw	57
5. Gene Allen, Calif.	57	2740	395	4 AFN-Normandy	67 R. Sakhalin	23
6. Richard E. Wood, Haw. *	51	661	175	2 BR-1602	26 Zahedan-777	67
7. Bill Nittler, Colo. *	42	2444	208	2 CSB9-782	6 JOOR-1210	50
8. Art Peterson, Calif. *	39	140	82	2 Tallinn-1034	13 HLKU-1160	60
9. Dewayne Bruce, Aust. *	35	506	105	- ----	6 VOA-1580	
10. Angel M. Garcia, N.Y. *	33	300	56	19 Finland-962	- ----	
11. Raleigh Biss, Calif.	30	2510	155	- ----	5 JORB-1370 10kw	24
12. Joe Fela, N.J.	26	870	38	13 Vatican-1529	- ----	61
13. John Oldfield, Alta.	25	564	68	- ----	5 JOWF-1370	59
14. Frank Wheeler, Penna.	23	1626	73	- ----	- ----	31
15. Frank Waldron, N.J. *	22	665	46	12 RBC-1477	- ----	67
16. Patrick Martin, Oreg. *	22	273	48	- ----	4 JOKP-1190	64
17. Ernie Wesolowski, Neb.	21	1037	39	- ----	1 Peking-1040	58
18. Steve Kamp, Calif.	18	318	28	- ----	4 JOEB-830	70
19. Father Jack Pejza, Cal.	18	207	38	1 BBC-1214	2 RSFSR-1475	68
20. David Rogers, Okla.	17	442	31	- ----	1 Peking-1040	
21. Marv Garber, Nebr.	17	397	22	4 BBC-1214	- ----	67
22. Robert L. Neal Jr., Cal.	17	366	45	- ----	1 JOBB-830	67
23. Bruce Portzer, Wash.	17	346	37	- ----	7 JOLK-610 100kw	64
24. Larry Abraham, Mich.	16	363	21	1 BBC-1214	- ----	61
25. Douglas Nyholm, Ariz.	12	526	23	- ----	1 VOA-1178	
26. Jon E. Pearkins, B.C.	12	385	27	- ----	1 JOBB-830	64
27. Richard T. Eddie, Mo.	11	494	9	- ----	- ----	67
28. Kevin L. Slater, Oreg.	11	420	94	- ----	- ----	65
29. Jim Ziegler, Wisc.	11	275	20	1 WDR-1586	- ----	68
30. Mike "DOC" Hardester, Cal.	10	208	8	- ----	3 JOHB-1090	68
31. Quentin Brown, Ont.	9	200	12	- ----	- ----	68
32. Chuck Albertson, Wash.	9	166	10	- ----	- ----	68
33. Rick Evans, Ind.	8	617	7	- ----	- ----	66
34. Eric Tibbatts, Ont.	7	308	12	- ----	- ----	69
35. Tom Jasinski, Ill.	7	245	8	- ----	- ----	63
36. Gordon Hanson, Wash.	7	73	10	- ----	- ----	69
37. Tom McCormack, Ind.	6	678	4	- ----	- ----	
38. Robert Kramer, Ill.	6	202	5	- ----	- ----	70
39. Steven Zimmerman, N.Y.	6	182	5	- ----	- ----	69
40. Bruce Tarr, Va.	6	141	5	- ----	- ----	69
41. Ken Horne, B.C.	6	103	6	- ----	2 VOA-1580	64
42. Albert S. Lobel, Calif.	6	100	4	1 BBC	- ----	66
43. Dave Christensen, Wash.	5	151	10	- ----	- ----	68
44. Andrew Hecker, Calif.	5	37	2	- ----	- ----	69
45. James P. Mohler, Iowa	5		3	- ----	- ----	
46. Andy Kwiatkowski, Ill.	4	350	2	- ----	- ----	
47. Dan Sys, B.C.	4	158	4	- ----	- ----	
48. John Richards, Calif.	4	116	5	- ----	1 JOOK-840	64
49. Gary Hamer, Iowa	4	94	3	- ----	- ----	68
50. Phillip Bytheway, Wash.	4	88	2	- ----	- ----	
51. Jim Adams, Calif.	4	73	2	- ----	- ----	
52. Gary Hailey, Mo. *	3	80	2	- ----	- ----	66
53. Don Dumbeck, Oreg.	3	52	3	- ----	- ----	68
54. Dave Baumgarten, Colo.	3	39	3	- ----	- ----	70
55. Paul Hill, Va.	3	34	1	- ----	- ----	65
56. Steve Driscoll, Calif.	3	15	1	- ----	- ----	69

There, just barely made it! See 2/20 DXM for info on next DX Recs. Deadline as usual.

April 3, 1971

EAST COAST DX ROUNDUP

Editor; Dave Faulkner 1430 Pine Grove Ave. Port Huron, MI 48060

Send all reports to Brh. Deadlines for 4/17 issue - 4/9 & 5/1 issue 4/23

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YOU WILL BE READING REPORTS IN THIS ISSUE FROM;

(BB) Robert W. Buddenbohn Jr. 2603 Evergreen Ave. Baltimore MD 21214

(RCM) Richard Mayhew 266 Dufferin Rd. Valleyfield PQ CANADA

(GLM) Gary Lynn Mullis 8041 N. Boundary Rd. Baltimore MD 21222

(PLS) Phil Sullivan 152 Third St. Leominster MA 01453

(TRS) Thomas R. Sundstrom Box 205 Willingboro, NJ 08046

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- 620 WATE TN Knoxville fair w/nx & wx 0029-0036 3/1. (RCM)
- WHEN NY Syracuse strong 2130 3/7w/semi local WVMT nulled out. Rarely hrd. (RCM)
- WLBZ ME Bangor in weakly w/s/off 0015 3/9 w/WVMT (who was also going off the air) nulled. (RCM)
- WVNJ NJ Newark in strong 0030 3/9 after WLBZ/WVMT s/off. (RCM)
- 630 WMAL DC Washington weak w/sports, nx 0049 3/1. (RCM)
- 680 CHFI ON Toronto xlnt w/MoR & few promos 0404-0430 3/8. WRKO TT QRM & local WCBM off. 1st time. (BB)
- CJCN NF Grand Falls briefly w/nx & wx 0414 3/8 w/heavy WRKO & CHFI QRM. (BB)
- CJOB MB Winnipeg w/promo & ID 0415 3/8. Next minute gone u/WRKO & CHFI QRM. Very poor. (BB) \*(BB)
- KNBR CA San Francisco fair w/MoR mx & nx 0339-0400. WRKO TT QRM.\*
- WRKO MA Boston finally hrd here on ET w/tt 0350-0430 xlnt w/KNBR QRM. (BB)
- 790 CHIC ON Brampton in weakly w/WEAN nulled 2203 3/3. (RCM)
- 840 WRYN CT New Britain elnt w/interview pgm & old time mx o/WHAS QRM 0532-0600 s/off 3/7. (BB) (I assume you mean 1732-1800 - DF)
- 910 WSBA PA York weak w/ID 0030 3/5 w/CBO nulled. (RCM)
- 920 WTTM NJ Trenton vy weak w/tone & ID on r/c 0035 3/5. (RCM)
- 940 WFNC NC Fayetteville in strong 3/16 1755 w/wx from TN news net. spot for Crysler Plymouth. (GLM)
- 1000 KOMO WA Seattle hrd w/MoR, little talk 3/8 0208-0220, xlnt level until WCFL test killed them at 0220. (PLS)
- 1050 WSEN NY Baldwinsville strong 1805 3/6 w/Mutual nx ending. QRM from WHN. (RCM)
- 1070 WFLI TN Lookout Mountain in very good strong sig. 3/16 plenty of IDs 1819 the happy fli guys ID. (GLM)
- 1090 WKTE NC King xlnt w/DX Special & test. Many IDs & tt. Some mx & OC o/XERB 0302-0335 3/8. (BB) 3/8 on test 0305-0330 for IRCA, Good sig. here but w/slight splash de adjacent. TT, MX w/IDs after each record. (TRS)
- 1140 CBI NS Sydney xlnt w/s/on & mx, sports atop freq. 0442-0455 when WRVA signed on. (BB)
- WBZY PA New Castel fair 1830 3/6 w/s/off. (RCM)
- 1150 WRUN NY Utica good w/cw & promos u/CKOC & WDEL QRM 0539-0604 3/18. (BB)
- 1230 WERI RI Westerly weak w/lots of QRM 0010 s/off 3/1. (RCM)
- 1240 WBBW OH Youngstown one of my most wanted hrd weak 3/24 0100 w/ID & that's about all. (DF)
- WPRN AL Butler poor on r/c w/mx 3/26 0237. Mucho QRM. (DF)
- 1270 CJCB NS Sydney in strong 1927 3/5 w/ID & mx. (RCM)
- WLSM MS Louisville good u/WXYZ 0200 3/24 w/r/c - dt. (DF)
- WTSN NH Dover strong w/nx & ID 1915 3/5. (RCM)
- WVCA IN Gary u/WXYZ poor - fair w/MoR 3/24 0041. (DF)
- 1370 WFDR GA Manchester w/ET - mx 3/24 0133 w/rr, fair - good u/WSPD after WFEA 0130 s/off. (DF)
- WRGS TN Rogersville on r/c - mx 3/25 0431 good u/WSPD. IDs were better modulated then mx for a change. (DF)

1400 KCOG IA Centerville 3/24 0105 on r/c-tt fair in mess. (DF)  
 1420 KPEL LA Laffayette good w/WHK on r/c-tt 3/24 0119. Was very surprised by the strength in the null of WHK. (DF)  
 1440 WAAB MA Worcester poor - fair 3/24 0110 w/rr. QRM from WCHB, WIOK & WQOK. (DF)  
 WHHH OH Warren strong w/sports, nx 2315 3/3. (RCM)  
 WIOK IL Normal 3/24 0116 w/rr fair w/WAAB/WCHB/WQOK QRM. Rr mx & SIDs. (DF)  
 WQOK SC Greenville first time in Port Huron completely dominating freq. 0130 on 3/24 w/rr. Only slight traces of WAAB & no sign of WCHB way under. Vy. little fading. (DF)  
 1480 WBLU VA Salem in vy. good 3/16 w/s/off 1830. (GLM)  
 WBTS AL Bridgeport fair w/r/c o/WDAS. TT 0316-0330 w/IDs 3/15. (EB)  
 1510 CHRS PQ Sherbrooke xlnt w/MoR & promos in FF 0300-0315 3/15 w/WLAC & WMEX off. Atop freq. (BB)  
 1550 WCTW IN New Castle xlnt w/religious program & cw mx. Atop freq. 3/20 0526-0550. (BB)  
 WSAO MS Senatobia xlnt on r/c but using tt. Did not sigh on w/SSB & only gave 2 IDs, one at the beginning and one at the end of the test. On late. 0203-0215 3/26. (DF)  
 1560 KLTI MO Macon 3/24 0203 s/on of r/c-tt xlnt w/no QRM. (DF)  
 1570 WTOW MD Towson will most deffinatly return to the air in April with gospel and bluegrass. (GLM)  
 1580 WAXU KY Georgetown fair w/s/off message u/WCLS 1844 3/17. (BB)  
 WILA VA Danville poor w/rr & s/off u/WCLS 1830 3/17. (BB)  
 WSKT TN Knoxville xlnt w/nx & religious programs u/WCLS/WSRF 'til 1845 s/off 3/17. (BB)  
 WCOY PA Columbia 3/11 s/off 1815 o & u WPGC who followed immediately w/s/off. (TRS)  
 1590 KINT TX El Paso not really expected but I tried for 'em anyway & low & behold there they were 3/24 0217-0230 good w/WAKR/WETT, which is becoming a regular itself. Hrd on r/c. (DF)

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Dave Faulkner - 1430 Pine Grove Ave. - Port Huron, MI - 48060

I decided that 11 stations was not enough for one month, especially when I considered that I had gotten 27 last March, so I decided to beat that total, even if it put me to sleep in Logic class! Well, as you can see by the DXR, I have almost succeeded. I now have 25 for the month, and if I get WABD tomorrow morning on their r/c I'll have 26. I used to think that WSPD was infallible, but now I have eight stations at 1370, 5 of them heard either on tests or f/cs. Only got 20 last April, & that should go easily w/easter vacation coming up. Lets have more reports and better quality. One report (I think you'll be able to spot it easily) is printed exactly same as it came to me, and that was not good. Also; put your name and address at the top of each sheet and your initials after each station. It decreases the chances of mistakes, something which this column has been plagued with and something which I am determined to iron out before I attempt to make any changes. Those that have been made were made in the interest of cutting down mistakes. Well 73s and see you in Toledo August 20-21-22. DEE; have the next ten lines!!

WWV While it is no longer news to many, WWV and WWVH will, effective July 1, 1971, at 0000 UT (Greenwich Mean Time) or 1900 EST, June 30, make one of the most radical changes in format in many years. The principal difference will be the announcement of time every minute instead of every 5 minutes. All Morse code will cease. To help distinguish between WWV and WWVH, male and female announcers (voices) will be used. All frequencies of transmission will remain the same. Government agencies are receiving an offer to use 45-second segments each hour for their announcements. Time and freq. sigs broadcast by WWV may be heard by phone at 303-447-1192. Phone service will continue as long as it is used sufficiently. For other info on WWV or NBS, call 303-447-1000, ext. 3244.

April 3, 1971

EAST COAST DX FORUM

Page 6

Editor: Bruce R Heimburger - 817 Rawlins Street - Port Huron, MI 48060  
Deadline: 4/9/71 for 4/17 issue. This is the last weekly issue!!

Harry Helms, Jr. - Pox 111, Clark Howell, UGA - Athens, GA 30601  
3/23-3/25 Hello everyone. Sorry to have been so inactive lately, but school must come first. However, I recently added an SX-110 to my shack along with the TRF. That, plus a Space Magnet, should get me active again. WAGL veries may be processed earlier than anticipated due to the fact I must soon return to Fort Mill & retrieve my typewriter. 'Twas nice chatting to GPN, DEE & Frank Waldron on the phone recently. Congrats on passing your Staten Island Bar Exam, Frank! Watch for permanent Athens address soon; will be restarting logs also. The April issue of the English mag RADIO NEWS has an interesting article on DXer Peter Green & his Fender Telecaster rx. Toledo --of course! 73s y gud DX.

Ronald F. Schatz - 510 NE 158th St. - North Miami Beach, FL 33162  
3/23-3/25 Greetings from the Sunshine State! Yep - I'm alive & well. Hope to see many at the Convention, no matter where it's held (short of Honolulu, etc). Welcome back to the CAT & to Gleason - the \$2 SACCA kid. About this "unidirectional air loop" of mine, I call it the unidirectional, cardioid loop, or UCL for short. It consists of a standard loop modified to interact w/a vertical sensor, & features a "null" (actually a weak-pickup area) as large as its peak! And if that were not enough, the UCL can be adjusted to greatly attenuate, if not completely null, 2 stations at any angle at once. While it is useless for precision DF (I wouldn't care, hi-Brh), the 180° ambiguity of the standard loop does not exist. Last MM I taped an hour of "in the clear" Gitmo Bay - 1340 kHz, alone except for background noise & a trace of CMGU, the latter just at the edge of the 180° peak. Theory & details on the UCL will be forthcoming (quickly I hope-Brh). Anyone wanting to join me in building such a loop & experimenting w/same should call me at AC305-945-4915 any evening, as I lack time to answer written requests at the moment. Best DX & LXXIII.

Robert W. Buddenbohn Jr. - 2603 Evergreen Ave. - Baltimore, MD 21214  
3/21-3/23 Belated Happy Birthday Greeting, IRCA & Greetings ALL! DX has been tremendous here w/7 new catches on 3/8 alone! Gud DX in DXR. Please Note - Tom Yingling Jr. is presently recovering from an operation, & would appreciate hearing from all of his DX friends. So what-aya say we all drop him a line or two to cheer him up! Recent veries include: v/q: WHIS WJLS, KWRE, WBZ, WOWO, CHIR, KOA, CBT, WHAM, WKTE, CBI. v/l: CHOK (very friendly)(very pesky here-Brh), CHFI, WSAO, WTTR, WPAQ. v/f: WASA, WRYM(mimeo), WJDM, WSAR, & WKTE Specials hrd here recently. See note in DXR on WTOW-1570. Tom Hartloff: Tnx for your terrific letters. All letters & requests, problems, greatly welcome. I favor the f/c heard list & think that Brh & DF are doing a tremendous job. Let's give them our support! 73s, Great DX & PAX. Toledo in '71.

Carolyn J. Forehand - 2612 Higbee Rd. - Adelphi, MD 20783  
3/21-3/23 Hi everyone. This morning (3/20) between 0200 & 0500 I logged 5 new stns - WLAC, WSPD, WHAM KSL, & WSB, including 2 new states (Utah & Georgia). Recent veries - v/l WKIK, WAGE WTTR v/q KMOX, WDRC, WMAQ v/fWTAE. My non-verifiers list is WSAI(3½ mos.), CFOR(2½ mos.), WTBY(2 mos.), & WFEA(2 mos.). If anyone has any info I'd like to know. Totals are now 91/46 & 24/21. Main problem is that I can't stay up late. Anyone who feels like writing, pse do. Can't think of anything else so 73s for now.

I was sure impressed with all the members who helped me out on my 960 mystery a few issues back. It gave me a great feeling to know that there were so many people willing to help. Today I got a letter from an irate prospective member. It seems she had written letters to two "experienced" DXers of this club asking for help but got no response. Today I don't have quite the same feeling. -Brh

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Gary L. Mullis - 8041 N. Boundary Rd. - Baltimore 22, MD 21222

3/23-3/26 Hi Again fellow IRCAnS. The report comes from Baltimore w/some bad news. Tom Yingling has been hospitalized w/a appendix disorder. At this time he should be at home, cards & letters will be greatly appreciated. On the DX scene recent v/r KIL0. Recent stns hrd WFNC, WFLI, WBLU, & WITN. It was encouraging to hear that Toledo in 71 has a good chance for the Convention site this year. For the benefit of (GS, BR, JS, EL) all of Ohio, I support Toledo 100%. My totals so far are 300/116, 27/27, 4/4. Watch for Baltimore's Best BCB Boys at the convention. A Broadcast Service of TG Productions Unlimited Dundalk Md.

Thomas R. Sundstrom - Box 205 - Willingboro, NJ 08046

3/24-3/26 Just haven't had the time to do some serious DXing in anything resembling a continuous effort. Of late, the auto-level cassette tape recorder & the Knight-kit R-195 rx on the timer have been doing the job in MM DX Specials, results of which have been sent to ECDXR & DEE. Haven't modified the noise blanker(10/68 PE) yet to take 8 ohm headphones, but it sure has been doing the job in cutting down ear-splitting atmospheric QRN when using a speaker. Evening of 3/22 had best TA & LA opening in long time (noted here anyway), w/blanker no particular problem w/audio out of 825, 834, 855, 1538, 1586, 1594. FJP: would report more often to DXWW, but stuff seems repetitive that I hear more or less everytime there is an opening...& I don't see the point of giving you same catches each time. DEE & others: still no BYB (71) here as of 3/23 despite earlier letter from BC Publications. Brh: reason why I was sending DF postcards was that I don't have that many catches at any one time, & I believe it an advantage to keep info current since we do publish weekly. 73. (Send them any way that's handy-Brh)

Richard Mayhew - 266 Dufferin Rd. - Valleyfield, Quebec

3/16-3/20 Hi, fellow DXers! DX has been great this week & last week too. It's been cold & stations have been coming in good. I had two days off this week from school & the same thing happened the week before because of snow storms. That was really great for DXing, for it gave me time to DX all night. Recent veries are v/l-CHFI, WDIC CKCY, v/q-CBW. My totals are now 277/107, states 30/28, prov. 6/6, ctys 5/2. Nothing else to say so 73s.

Brian Goslow - 45 North Ashland St. - Worcester, MASS 01609

3/18-3/20 Here's an intro---I'm 14, a 9th grader at Forest Grove, the #1 basketball school in this city. My receiver for the rest of the month is a realistic Long Range TRF, but as April 5 comes along I'll be using a realtone fourband radio until the first week of October. Now over to DX. My five best catches in no special order is as follows KCKN(V), WDEL(V), WHLM, WIOD(V), & WOAI. The V stands for veried. Latest QSL's are WDEL DX v/l & WPRO v/q. My totals since that mad 1st day of entering the world of DXing 12/12/69 are as follows-200/42, 30/23. Chances are good that WORC may be testing on a Monday morning soon as I have been waiting for an answer from the CE. Anyone w/suggestions on how to hear either WFUN or WSUN or just want to talk DX just write or call nights until 10(on weekends that is-call 617-753-6032). Well till next time-A vote for Toledo in 71 & 73s. (Welcome to ECDXF Brian, report often. Pse use lower case in rpts, tnx-Brh) Again, I would like to encourage everyone to vote. This is your club too. Beginners, this is your chance to get involved in something important. Gee, I aught to be done by 2330 tonite--a record, hi-Brh.

3-week policy for DXR Based on discussions with Grant, Rick, and Dave, it appears that while the editors naturally will not require the DX for summer monthly bulletins to be no more than 3 weeks old, you are requested to submit items such that the editor receives them within 3 weeks. More later. -DEE

=====

Sheldon Swartz - Box 709 - So. Lancaster, MASS 01561

3/12-3/15 Hi, gang! You'll notice that my mailing address is different than my present home in Sharon. But please keep using that mailing address, as a move is planned for me soon, & it will eliminate any address change costs. I haven't had time to DX for the past two months - the last time was 3 weeks ago, when I got WOHO received & veried, & sent a tape out to WLAC. Nothing from WLAC yet. Does anybody know if VOA has an outlet around 1530? I have on tape such reception w/ terrible drift in SS w/ID backed by "Yarkee Doodle" music. This was received on an old radio w/no antenna but its own, w/bad frequency calibration to boot. So it could be anywhere from 1530-1550. I've been tossing up the idea of a regional DX get together w/my regular corresponders. Well, what about DE & GP? Must go now so that I can officially rejoin the ranks of IRCAers & DX for a change! Bonsoir, mes amis!

Bruce R Heimburger - 817 Rawlins St. - Pt. Huron, MI 48060

First, apologies to Carolyn Forehand for misspelling her street address. DON'T FORGET TO VOTE. If you lost your ballot DEE could probably furnish an extra. To all members who handwrite DXF's: when writing rpts, use both upper & lower case letters. Sometimes it is very difficult to tell where one sentence stops and another begins. My sentiments lie w/ HLH on the subject of schoolwork & DXing. I do the very same thing for most of my DX. As I predicted to DF, the WAGL test covered the entire country. In case some of you missed it, the anncer even thanked a DXer in Seattle for a phoned report. Was that one of you Seattle group?? Attended the Toledo GTG weekend of the 20th & had a great time chewing the fat w/ GS, FM, & Ken Romstadt (of NRC). Also had the pleasure of using DM's HQ-180. What a machine!! NO DOUBT ABOUT IT, Toledo would make a great place for the 71 convention. DM: What's a Frank Merrill????

LAST CALL FOR YAD-LAND

YAD (Youngstown Area DXers) will be hosting a big DX Get Together on April 10 and 11 here at my place in Hubbard, Ohio, a suburb of Youngstown, starting at 12 noon to ??? Over 20 responses so far from Ohio, Pa, NY, Ind., Va, Mass., etc. It's open to all BCB DXers, no matter which club. I have lotsa space here so, the more the merrier. Inexhaustible supply of brew; three HQ180's to play with; loop, 1400' Beverage, Space Magnet; freq. measuring equipment; pool table, food, and lotsa good DX friends. My house is about 5 minutes driving time from Interstate 80 and super-easy to find. Come for one or both days, this party will be NSP. ALL WELCOME BUT please write me ahead of time to let me know if you'll be there so we can know how much sudsy/food to buy, OK? If you find you can come at the last minute, by all means do so, but write first if at all possible. Bring your veries, tapes, cassettes, and stuff; can play all on equipment here. If you're not in NRC and missed the map in DXN, write for directions on how to find it. 73.

-Jerry Starr - WHOT Radio - Youngstown, Ohio 44505

WWOL DX CE Walter Williams said over the phone that the stn received between 75 and 100 reception reports and that he was pleased with the results. He further states that he hopes to do his PoP somewhere in late March or early April. Look for this since there isn't time for announcement in DXM. Will try to arrange another test. I hope that many who wrote thanked PD Jerry Adams for doing the test as he had to get up on his own time. Farthest rpts were Denver and S. Florida.

--Bruce E. McFadden, 4735 Shimerville Rd. - Clarence, NY 14031

ZIP CODE The USPS recently announced that 80% of the mail in the US now bears ZIP codes. Those who complain about poor mail service should re-evaluate their complaints if they are too lazy to use ZIP codes. One editor included. Mail without ZIP and with the wrong ZIP just slows down the works regardless of newspaper headlines to the contrary. The next person to send me a letter without a ZIP code gets a FREE ZIP code directory. 7 lbs. POSTAGE DUE! hi hi. -DEE



3 APRIL 1971

MIDWEST DX ROUNDUP

Page 9

EDITOR: Richard C. Evans, Box 2146, East Chicago, INDIANA, 46312

DEADLINES: 4/8, 4/22, 5/6, 6/3, 7/8, 8/5 (final).

+++++

570 WKBN OH Youngstown, poor w/C&W Mx, 3/10, severe CKY slop. Also CFRW has a spur @ 565 kc which messes up 570 (JAM)

WNAX SD Yankton, fair w/CBS Nx, s/off 0104 w/Lords Prayer and SSB 3/10 (JAM)

590 WKZO MI Kalamazoo, fair w/s/off 0134 w/SSB first noticed u/ the mess at 2300 3/14 (JAM)

630 KHOW CO Denver, in every MM w/fair signals during CKRC SP 0231-0530 3/15 (JAM)

WSAV GA Savannah, poor 0530 s/on w/SSB in mess 3/8 (TM)

WPRO RI Providence, on day pattern 0600 3/12 w/"WPRO Nx" (AK)

660 KSKY TX Dallas, 1824½ 3/16 exc w/spot (RSK)

690 WAGO WI Oshkosh, fair w/MoR til Nx 1700 3/22 (AWO)

740 CBNM NFLD Marystown, weak w/"O Canada" s/on 0427 3/12 (AK)

770 KUOM MN Minneapolis, strong w/Nx 1907-1915 s/off 3/5 (TM)

800 CJAD QUE Montreal, 0300 3/14, good o/CKLW/PJB w/Nx, next Nx at 0500. First time I've hrd CJAD this strong (JAM)

840\*\*WRYM\*\*CT New Britain, ET ID 0043 3/11 u/WHAS. much need state for contest (AK)

860 WNOV WI Milwaukee, fair-god w/Soul Mx 1714 3/22 reg. here(SAM)

900 WAPC\*\*VA\*\* Stauton, 0153-0200 3/22 MM TT (DE)

910 KAMD AR Camden, had hi-school BB 2125-2200 3/11, fighting it out w/WCOC (2 non-verifiers??) (AK)

WLCS LA Baton Rouge, 0010 3/15 poor (tentative) u/QRN from 1st severe thunderstorm of the year w/SID (RSK)

920 KWAD MN Wadena, fair w/s/off 0000 3/7 w/CFRY nulled. (JAM)

930 KSEI ID Pocatello, good w/soff 0209 3/14 returns at 0755 (JAM)

940 KHOS AZ Tucson, so good I almost passed it by, 0430-0445 3/8 w/C&W Mx "K-HOS Country" ID's (AK)

WESA PA Charleroi, s/on w/SSB 0615 mentioning PA., weak, thought might have been WGRP, is Lebanon, Pa. on 940 yet? Help! (TM)

\*\*KTON\*\*TX Belton, 0144 3/17, exc. o/KIOA w/ET TT OC ID (RSK)

950 WSPA SC Spartanburg, 2230 3/16 good w/C&W Mx (AWO)

KPRC TX Houston, fair s/on 0459 3/8 (SAM)

960 WFIR VA Roanoke, 1956 3/17 fair-good w/MoR (AWO) (AK)\*

970 WCSH ME Portland, fair w/Nx "6 o'clock report" 3/5 0606-0615\* KOOK MT Billings, good o/WDAY for some weird reason 2020, Nx 2030 3/14 (JAM)

KJLT NE North Platte, good w/Nx & s/off 1936 3/15 no SSB (AWO)

\*\*WJMX\*\*SC Florence, 3/15 w/special used 5kw not the listed 1kw good-fair w/MoR Mx (RSK) Good but fady on DX w/MoR 0200 3/15 (AWO)

1000 CKBW NS Bridgewater, excellent at s/on w/jingle SID 0539 3/8 into C&W Mx, covered by WCFL 0543 (AK)

1020 WPEO IL Peoria, good w/contemp. Mx & John Cabot 1701 3/18(AWO)

1050 CJIC ONT Ste. Ste. Marie, good w/MoR 1917 3/10 (AWO)

1060 KPAY CA Chico, 0218 3/22 w/Cx Mx on RS (DE)

\*\*WCOK\*\*NC Sparta, 3/22 MM ET/M 0115 on (DE)

1130 WWCM IN Brazil, has been here for quite awhile, ex-1380, power is 500 watts, regular daytimer here o/WISN (TM)

WDGY MN Minneapolis, exc w/rr 1912 until pattern change 1915 3/10 (AWO)

1140\*\*KLUC\*\*NV Las Vegas, good u/WRVA OC on DX w.RR 0300-0315 3/15 ID'd as f/c (AWO) w/special booming in, CE said their sig strength in the Chicago area was unusual w/RR(RSK)

1150 WIMA OH Lima, fair w/Wx, 0545 3/15 (SAM) Good w/ABC entertain- ment Nx 1933 3/21 (AWO)

EDITOR: Richard C. Evans

DEADLINES: Previous page.

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1150\*\*WGOW\*\*TN Chattanooga, testing w/TT OC 0136+ 3/22, good (SAM)

1170 KSTT IA Davenport, 2359 3/15 poor u/WWVA w/ID (RSK)

1190 KRDS AZ Tolleson, fair w/C&W Mx 0321-0330 3/8 (AK)

1210\*\*WAVI\*\*OH Dayton, 3/22 MM ET/M w/Fifth Dimension 0038+ (DE)

1220 KEYD ND Oakes, usually in here mixing w/CJRL before SS and after SR 3/14, CE surprised KEYD made it past borer\*

1230 WCUM MD Cumberland, poor 0300 3/6 w/RID's, R&R Mx (TM)(JAM)\*

1240 KAKE KS Wichita, good w/Sweet Dolly 0235 3/13 (JAM)

KBMY MT Billings, fair w/Montana NX at 12.30 at 0230 3/13 (JAM)

1300\*\*WAVZ\*\*CT New Haven, good on ET w/RR Mx, SID's, MM 3/22 while looking for WMVO-DX at 0254, WMVO easy on SRS, tho(TM)

WFBR MD Baltimore, fair u/WTAQ's OC w/MoR Mx 0231 3/12 (SAM)

WOOD MI Grand Rapids, weak s/off 0100 3/21 u/WTAQ OC (SAM)

WMAK TN Nashville, fair u/WTAQ's Polish Hour 1835 3/14 (AWO)

1320 WILS MI Lansing, poor u/KNOX, WIBA & others w/stateNx 2330(JAM)

1330\*\*WTRX\*\*MI Flint, good on ET-ID 0400 3/9, seldom hrd here (TM) 0516 3/17 w/Irish Mx fair, ID'd as "Tricks Radio"(RSK)

1340 KCKN KS Kansas City, good o/KROC 0220 3/9 w/request line (JAM)

1350 WGAN AL Gadsden, 3/16, good w/RR Mx suddenly a pest here (RSK)

KRNT IA Des Moines, good w/CBS Nx 1910 3/10 (AWO)

1360 KSCJ IA Sioux City, 1920 3/9 good but fady w/MoR (AWO)

1370 WFEA NH Manchester, hrd again at s/on u/WSPD 0459 3/12 (AK)

1380 KFCB SD Redfield, fair o/KOTA KLIZ w/ID 0940 3/10 (JAM)

1390 WCSC SC Charleston, 3/22 MM 0002 s/off SSB mentioning FM (DE)

1400 CBEE ONT Sturgeon Falls, fair at times relaying CJBC 0040-0103 3/12. 1st LPRT heard (AK) (Congrats,Andy--rce)

\*\*WFPA\*\*AL Fort Payne, good on f/c 0315-0330 3/12 (2nd Fri). No sign of WBTH r/c (AK) good on f/c w/inst. Mx 0234 3/13 (TM)

WCYN KY Cynthiana, a regular here at s/on 0500 3/8 etc. (AK)

\*\*WGON\*\*MI Munising, r/c per v/l 0???-0120 3/8 (2nd Mon) (AK)

KFRU MO Columbia, 0405 3/17 fair w/Wx (RSK)

KCOW NE Alliance, good w/s/off 2300 returns 0600 3/8 (JAM)

KBJM SD Lemmon, fair w/s/on 0800 w/SSB "KBJM classics" after announcement 3/9 (JAM)

1410\*\*WYMB\*\*SC Manning, testing w/TT 0104-0110 3/22 fair (SAM) (RSK)

1420 KXOW AR Hot Springs, 1800 $\frac{1}{2}$  3/16 poor w/local spot tent.sent

1440 WBCM MI Bay City, 0501 3/17 good u/WVON slop w/s/on SSB (RSK)

1470 KTRI IA Sioux City, good w/ID 2259 o/WMBD and CFRW completely nulled 3/7 (JAM)

WMBD IL Peoria, dominates u/local CFRW most evenings after 2300. CFRW isn't too much of a problem on some evenings 3/7 (JAM)

1480 WMAX MI Grand Rapids, fair w/MoR 1610 3/21 (AWO)

WDAS PA Philadelphia, fair w/Soul-type Nx 3/22, had "Twitch-wish" sound between Nx items (TM)

\*\*WSHP\*\*PA Shippensburg, good on f/c w/tt 0509 3/22 MM (TM)

1490\*\*KRUS\*\*LA Ruston, fair on test w/TT 0146 MM 3/22 (TM)

1500<sup>3</sup> WDEN GA Macon, fair w/ID u/WDEE's TT 0231 3/15 (AWO)

\*\*WDEE\*\*MI Detroit, w/ET. OC TT ID 0401 3/15 (AWO)

1520 KPML MO Sikeston, was in here w/power & directional change 1900 3/5 mixing w/KMAV KCHF KOMA (JAM) almost regular here before 1900 w/MoR Mx fair (SAM)(SSS pest here--rce)

1530\*\*WOBR\*\*NC Wanchese, L&C on ET 0056 w/inst. Mx MM 3/8 (TM)

1540\*\*WANL\*\*AL Lineville, 0158 3/19 ET TT OC KXEL off, slight ZNS(RSK)

WSMI IL Litchfield, 1820 3/18 u/KXEL w/ann about winning \$25 for the news tip of the week (RSK)

1540 KXEL IA Waterloo, off Fri. 3/19 0245. Maybe new SP! (AWO)

EDITOR: Richard C. Evans

DEADLINES: Two (2) pages back!

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1550 KKHI CA San Francisco, good w/CBE KKJO nulled 2300 3/6, continuous clx mx played, nx at 2355 (JAM)

\*\*WPJD\*\*TN Daisy, good w/KXEL slop & gospel mx on unlisted f/c 0245-0300 3/15 3rd Monday (AWO)

\*\*KRGO\*\*UT Salt Lake City, ET 0201 3/6 (JAM)

1560 KPMC CA Bakersfield, fair at times, then fades out to nothing. MoR Mx, mentioned letters recd from LA 0140 3/6 (JAM) 0252 3/17 w/ID u/line noise (RSK)

WCNW OH Fairfield, fair s/on 0615 3/20 w/WQXR WDXR QRM (SAM)

\*\*WAGL\*\*SC Lancaster, exc on DX w/MoR 0432 3/22 (AWO) booming on DX 0430 S-9, unn. here 3/22 (TM)

1580 KWNP IA Davenport, weak s/off 1915 w/SSB 3/12 (SAM)

1590 KSND WA Seattle, very good w/WAKR nulled. All Mx was requested said that they are on 24 hours 3/6 (JAM)

REGULAR CHECKS VIA THE IRCA LIST:

1st FRI: WHBG-1360 VA (SAM)	3rd TUE: WMIR- 970 GA (RSK)
2nd WED: WAUD-1230 AL (TM)	WEAS- 900 GA (RSK)
2nd THU: WIDG- 940 MI (SAM)	WPEH-1420 GA (RSK)
2nd FRI: WNJH-1580 NJ (AWO)(SAM)	XEK - 960 MEX (RSK)
2nd SUN: KALO-1250 AR (RSK)	3rd WED: WFIX-1450 AL (TM)
3rd MON: WBTS-1480 AL (AWO)(RSK)	3rd THU: KEZU- 920 SD (RSK)
WDIC-1430 VA (SAM)	WJZM-1400 TN (RSK)
KWKY-1150 IA (SAM)	4th MON: WFLN- 900 PA (AWO)
KWLA-1530 LA (SAM)	WCBG-1590 PA (AWO)
WAAO-1530 AL (SAM)	KTHS-1480 AR (AWO)(TM)
WOKZ-1570 IL (SAM)	WJDY-1470 MD (AWO)
3rd TUE: WVOP- 970 GA (RSK)	KPUR-1440 TX (SAM)
WVNA-1590 AL (RSK)	KXRA-1490 MN (DE)
KBRX-1350 NE (RSK)	4th SAT: WPTN-1550 TN (SAM)

A TIP OF THE HAT THIS WEEK TO:

DE - DON EGGERT - Box 134, Crown Point, Indiana 46307 (welcome back!)

AK - ANDY KWIATKOWSKI - 9624 Avenue M, Chicago, Illinois 60617

RSK - ROBERT KRAMER, 3406 West Pierce, Chicago, Illinois 60651

JAM - JOSEPH A. MARKEWICZ, 1394 Elgin Ave. West, Winnipeg 3, Manitoba

SAM - STEPHEN MILLAY, 550 Swain Avenue, Elmhurst, Illinois 60126

TM - TOM McCORMACK, 275 Littleton Street, West Lafayette, Ind. 47906

AWO - ALLEN W. OGRIZOVICH, 2429 Schrage, Whiting, Indiana 46394

LDB: This is one person who would hate to see you leave as the MWDXF editor as you've done a wonderful job editing--and thanks for the kind words. TM:

-look on page 12 of the 12/5 DXM (Vol. 8 #11) and you'll see that the bootleg WKYK-1550 is indeed listed as 1550 kc. It's the 16th station listed on that page. You are the only one who's connected the station w/1540. The only thing I didn't list was the date (an oversight on my part as I was rushed, being late with the stencils) which was 11/28, the same FM was in Columbus looking for them. No veries in here this past week, reflecting the fact that no rpts have gone out since 3/1 when WBLJ-1230 was posted. Remember to list times before 4/25 as EST, after time change as EDT; in short, report in ELT, the time the eastern time zone is on. Gotta go take a test (3/678 average so far, rats wanted a 4.), so Don rest is yours, see you in 14!

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Deadline for nominations to Dave Prather is April 15. Don't miss out on this opportunity to have your say in the elections. If you wish to run for any office, you are required only to have been in IRCA one year as of April 1, 1971. -DEE

EDITOR: Lynn D. Brooks - Box 253 - Ponca City, Oklahoma 74601

405/762-6566

NEXT DEADLINE: Thursday, April 8, 1971

Please support spring &amp; summer

issues of the DX MONITOR

DAVE ROGERS - Box 348 - Buffalo, Oklahoma 73834

Greetings! Hope everyone enjoyed the IRCA Anniversary issue. I did. The Blizzard of '71 caught me working at KSIW and I spent one night snowed in at the station. One new verie: KSIW-1050. Received an "un-verie" from KOTA-1380. About 1½ months ago I sent them a half hour report w/2 definite ID's plus several spots and local items. They sent me back a form letter saying they could not verify my report. I thought perhaps they had accidentally checked the wrong box on their form, so I sent a polite f/up asking them to recheck. I received a week later a terse note saying they meant what they said the first time. I can't figure this out since I'm sure I heard them. Any member know about their verie policy? Also, since we've been hearing so much lately about government "snooping", I wonder whether any members have been harassed for receiving QSL's f/Communist countries? Seems like somebody mentioned this several years ago. I have two Communist veries, one f/Peking-1040 and another f/Radio Moscow (SW). I see nothing more wrong in having a QSL from a Communist country than a stamp collector having a stamp f/the same country. Any comments??? 73 and DX.

JIM BIRKENBACH - 3344 Bayshore Pkwy. - Arnold, Missouri 63010

Hi! No DX to report here. Just purchased an ARB but am waiting on a power supply to fire-her-up. My best DX catch is 1052 kHz, BBC. Verie was sent via airmail from France because of the strike in Great Britain. How many IRCA members have heard this one? My rx was a Knight-kit Star Roamer. I have a limited number of KXOK top 30 SC's for those who want them. Pse send a SASE or RP. It will be appreciated. Have any SC's, send them along. Gud DXing and 73's.

ROBERT KRAMER - 3406 W. Pierce - Chicago, Illinois 60651

Hi. This week I got 2 surprises. Number 1 was getting my stamp back from graveyard-er KBTA-1340, Batesville, Ark. The 2nd was getting a verie f/KOA(Thanks, LBG). This week I got KELO veried for state 37. Anybody rcvd a KTWO-1030 verie lately? I'm sorry to hear that RCE is no longer going to take DXR as of August, because he has been doing a great job. Your own hat tips to you this week, hi. Latest veries: v/q KELO, XEMO v/1 WDOR WDIC WVJS WSBT WKTY WAZY KIOA KLTF KTCR v/f CKEY KDWB v/on-file-card prepared by v/s KBTA; v/q after f/up KOA. One other v/q WKIX. So until next time when I once again pollute the blue pages. 73.

ROB KEENEY - 10315 Antioch - Overland Park, Kansas 66212

Hi everybody! It's been an awful long time since I've sent a rpt to LDB(over a yr)! Here's a re-intro, in case nobody remembers me: I'm 17 & a jr. in H.S. I started DXing in Jan. of '69. I use a TRF w/an IRCA loop. My totals are as follows: 494/223 dom, 23/7 for, 44/44 states, 6/6 prov, 7/4 ctys. My best catch is KSRM-920 in Alaska in Jan. '70. I do tapespond w/a cassette t/r. I also collect CM's & SC's. Anyone who has hrd KUDL-1380 & wants a verie, please send rpts to me w/RP. CE said he is to busy to answer rpts so he gave me the job. Last verie here was CHUM-1050. Does anyone know if these verify? WWNC WHLO KRCB KSIB KUOM KWHN KPFA KSPI KXXX. I'm voting for Toledo in '71 & I hope to attend. Dan Myers is a really great guy. My CPC region is KS, MO, COLO, & NEBR. If you have a most wanted in this area let me know. LDB, you're doing great. Overland Park in '72. 73's.

MICHAEL DANIELS - 226 E. Glendale Road - Webster Groves, Missouri 63119

Greetings from the Show-me state. DXing around here nearly to a standstill. I guess I'd better introduce myself again. I am 17, a soph at Webster Groves HS. I have been DXing for 2 years. Totals: 41/43 states, 4/5 ctys. Rx is a Drake SW-4A & a Drake A1-Y loop. I think the convention should be held in Toledo since it was on west coast last year. New states are KLUC-1140 Nev. & KXLY-Spokane. 73. Good DX.

Early in life every individual faces two invisible doors. The first one is lettered "Service to Self" and the second one "Service to Others". Each of us makes a choice and passes through. Those who take the first door find themselves in a narrow maze of selfishness that leads nowhere. Those who take the second door run into many obstacles & frequent discouragement; but idealism always lights their way. In the end they find that in served themselves.

April 3, 1971

WEST COAST DX ROUNDUP

Page 13

Editor: Grant Manning, 4034 Ingraham St. San Diego, CA 92109

Bossline: 274-4233 Deadline: Fri, for next Sat pub. Not over three weeks old by the time I type, use EST, and format below.

=====  
740 CBL ON Toronto excellent w/MOR 3-22 0504-0515. (SK)  
750 KFQD AK Anchorage in good w/non-stop mx, upbeat MOR & RR w/ID @ 0400 3-22. (MM)  
790 WAKY KY Louisville in good o/KWIL w/20-20 nx, ID & RR, 0625 3-22. (MM)  
930 KAGI OR Grants Pass in good w/ID & wx MOR 0835 3-22, KHJ off. (MM)  
CJCA AL Edmonton excellent w/MOR 3-22 0529-0541. (SK)  
970 KOOK MT Billings, noted in mess w/wx 0200 3-20 (RC)  
990 WHOO FL Orlando good 3-22 ending AI nx 0603 into wx w/mentions of 'Whooo country' into CW mx 0604 till 0613 tune-out (SK)  
1000 KTOK OK poor 3-22 0350 w/Voices in the Headlines; MOR 0353, nx, 0400. (SK)  
1130 KLEI HA Kailua 3-21 v.good 0540 w/hula mx. (RC)  
1140 WRVA VA Richmond in good w/nx, ID, and wx, o/CKXL temp was 47, 0530 3-22. (MM)  
1220 KKBAR CA Pomona in fair w/s/on 0900 3-20. (MM)  
KLIP CA Fowler in v/good w/s/on 0900 3-20. (MM)  
1230 KLAZ NV Las Vegas in good w/ID and nx 0430 3-22. (MM)  
1240 KBBY MT Billings in good w/ID & nx 0429, 3-22. (MM)  
1300 KMFB CA Mendocino in good w/s/on 0902 3-20, (MM)  
KRWL NV Carson City 3-22 2040-2103 w/MOR and AI nx on the hour ID's as 'Capital Radio' (DOC)  
KOZE ID Lewiston thru KOL OC 0411 3-22. Apparantly AN MMs now as they were plugging 24 hour sked. (CA)  
1310 KKGf MT Great Falls in good w/ID & RR, 0750 3-22. (MM)  
1330 KGAK NM Gallup suprising u/KFAC 3-24 2331 w/temp & ID (DPS)  
1340 KDOL CA Mojave in good w/s/on 0800 3-22. (MM)  
KATY CA San Luis Obispo in good w/ID and RR & s/on 0832, 3-22. (MM)  
1400 KQMS CA Redding in fair w/s/off 0300 3-20. (MM)  
KTNN NM Tucumcari in good w/end of f/c 0345 3-22. (MM)  
KTRC NM Santa Fe in real quick w/temp for Santa Fe, & SID, 0149 3-25. (DPS)  
KTUC AZ Tucson u/v.heavy QRM w/mention of owners 0202 3-25. (DPS)  
1420 KSTN CA Stockton fairly weak w/RR 0544 3-23. (PSL)  
1440 CFCP BC Courtenay in good w/end of s/off, they mentioned CFWB Campbell River 0307 3-20. (MM)  
1470 CFRW MA Winnipeg dominant w/nx and RR 0342 3-22. (CA)  
1480 KTHS AR Berryville in poor to fair w/f/c/ & ID 0540 3-22. (MM)  
1540 KPOL CA Los Angeles mixing w/KXEL 0330 3-22 w/test ann. (CA)  
1550 KKJO MO St Joseph w/farm rpt 3-22 0634 into RR w/YL DJ. (SK)  
CBE ON Windsor in fair w/s/on 0500 3-22. (MM)  
1560 WAGL SC Lancaster in poor to good w/DX special gave ID after every song...hrd on both D & ND ant. 0433-0455 3-22 (MM) Good w/old mx & ID's after each record 0455 to s/off, (SK) Very strong on DX 0430-0455 3-22, equal strength on both patterns, slight CHQM QRM. (CA) Poor to fair w/QRM f/XERF, CHUB, & UNID TT. (DOC) In very well 0433-0445, 1st SC here! (DPS)  
KPMC CA Bakersfield 0350 w/CW and spot for truck stop, very strong. 3-23. (PSL)  
KIQS CA Willows fair o/looped KPMC w/ID 3-20 1956-2003 w/RR ID:2000. (SK)

1560 KGHO WA Hoquiam good u/KPMC w/ID 2108 3-18, pgm was RR then (SK)  
 WTAI FL Melbourne fantactic 3-22 0616 s/on w/SSB into promos, and jingles 0317 then into CW w/promos for 'Country-politan Radio WTAI' fading into jumble by 0629. (SK)  
 In poor w/s/on then into CW 0616 3-23. (MM)  
 WDXR KY Paducah in good w/ad for Concrete Inc 0647 3-22. (MM)  
 1580 KDAY CA Santa Monica competes w/KNX for strongest mainlander, (PSL)  
 1590 KUDU CA Ventura semi local w/some QRM f/KLIV nx @ 0345 3-23. (PSL)

Thanks to:

CA	Chuck Albertson, Bellevue WA	TRF - S-40-B
RC	Randy Cook, Long Beach CA	HQ-129X - ARB
DOC	Mike Hardester, Modesto CA	FE 39 U
SK	Steve Kamp, San Jose CA	HQ-140
PSL	Paul S. Lotsof, Honolulu HI	Car rx.
MM	Mike McCullough, San Jose CA	HA-63A
DPS	Dave Stroup, San Diego CA	RBM-3

A good column this week for the most part, wish I could have gotten in on some of it, but I've had a bad bug for almost two weeks now. Saw one of RS altazimuth loop kits assembled, a very nice job for \$25. worked well too. SAN DIEGO BEAT: one pirate telling another to please leave the air, as their audio was lousy...expecting BC's Brian Williams here next week, after a stop at Toyland, alleged to be toting some good Canuck booze which we will trade some old XEAK surveys for...I could say a lot of things to a lot of people, but I won't, hoping that eventually those concerned will grow up.

Don Erickson - 6099 Essex Street - Riverside, Calif. 92504

Suggestions are always appreciated here and I try to take them in the manner they are intended. However, those who wish to castigate me in the bulletin would do well not to vest me with positions I don't have. Bob Jacoby is editor; I'm publisher. The comments to wish Jay Murley refers were made by me, not Bob, who has publicly expressed preference for San Diego. I trust the editors who are showing their partisanship (Father Jack, Dave, Grant, Bob, Bruce, etc.) have done their best to be fair. I've tried. Jay's statement #1 is false. Any comment re paying costs referred to full sheets, 2 pages, not 50 lines or a page. Jay's #2 is likewise false in the first part. It would be presumptuous to assume that any member or group could expect Mike Northam to spend his time, and computer time, and the club's records, to prepare computer printed mailing labels even at cost. This was an act of generosity on mbn's part. To type 450 names would have required 10 hours for average typists. Steve Kamp's quotes of our conversation, no doubt well-intentioned, were inaccurately stated and out of context. This re previous WC DXF. 73.

DX Meeting With Brian Williams in So. Calif., there 'was' a hastily called DX get together at Grant's house on the date of this issue, Sat. Too late to get the word out to many. Anybody interested in a Memorial Day meeting similar to last year? Would be Sat.-Sun.-Mon. or any portion thereof and in SD or Riverside (American Motelodge if a weekend meeting or DEE's house for one day). If you're interested and can attend or think you might be able to, please drop a line to: Matthew J. Wall - 25776 Walker St. - San Bernardino, CA 92404. Matt will relay your preferences to DEE and details will follow. -DEE

Daylight Saving Time As of the last Sunday in April, DST will go into effect in almost every state and in some areas of Canada. For the first time, the Monitor will observe DST and times of receptions after the switch should be in Eastern Daylight Time for domestic sections. Continue GMT for DXWW.

April 3, 1971

W E S T C O A S T D X F O R U M

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Editor: Bob Jacoby, 556 E. Alvarado St., Pomona, CA 91767 (Thurs. deadline)  
Andrew Hecker - P.O. Box 835 - Saratoga, CA 95070

HI ALL. This is my report #2. Mail here is getting worse. Veries are slow in coming, and not from the right places. Where is KMOX WHAS KLUC (f/c) KATL (f/c) WBZ & CKLW. I didn't choose all non-verifiers to write to, did I? Veries finally in: KVIP v/r, KTHO-CM (said I had a sensitive rx, from just outside of their coverage 0.5MV), CJVI (sent two copies), v/l, WBBM (also two copies), KGHL (finally, f/c) v/q. No 3/20 DXM. I shouldn't complain, just think how the East feels. Mike McCoulough and I are riding our bikes around to locals. KLIV wouldn't let us in. KLOK co-operated, and we picked up some great info, but the DJ had a hangover, so we didn't talk much. KEGL put me on the air for a spot, the DJ needed a rest, or some water. Good DX last night 3/22MM, no WAGL (only one not to hear it in entire U.S. probably), but WCAL-770 in like local (almost), no QRM, and probably on 500 watt PSA. Forgot to send DXWW on 2/15, hrd JOBK-670 w/pips at 0700 EST, my only TP, u/much QRN (that PG&E). As I didn't say in my first report, SCers are welcome. Won't KNX, XERB, KFI KFRC, KXRX, KLIV ever shut up. Wait till SAN DIEGO. 73

Gary Elston - 310 Crestview - Santa Clara, CA 95050

All DXing time here has been devoted to BCBing lately as my short wave antenna is connected in my shack in my garage and every time that I go into the garage I seem to catch a cold. That is what's so nice about DXing with the Worcester Loop, it is so compact that I can listen with it on my kitchen table and don't have to worry about putting the lead in through the roof like I do with my SW long wire. The Worcester Loop does demonstrate many faults when attached to my portable rx. The main one is that I now hear locals on just about every single frequency. I spent almost one whole hour DXing a stn on 540 last week just to find that it was a weak spur of local KNBR. I had nice talks with Bill Harang and Andy Hecker last Friday night. Any other members who are interested in some DX talk just call me up any Friday night at 243-2594. Best new DX logged is Radio Tiempo-1200, three new Hawaiians, and HJKC-850. This should be 15 so, so long.

Randy Cook - 6433 Don Julio - Long Beach, CA 90815

Greetings. Just got my ARB rx working. I would urge anybody who is thinking about buying "glitter radios" to look into it. It has uncanny selectivity and sensitivity. For about \$50-60 you can have as hot a DX setup as anyone (ARB and loop). RS's loop is excellent. I tried the balanced loop he is using in his kits, and it is very good. I agree completely with JO's comments in 3/20 DXM. I don't consider a QSL worth the paper it's written on unless there is a tape to back it up. The purpose of DXing is to hear the stn, not to also have the time and MONEY, especially on foreign, trying to obtain a verie. I respect DEE, and think he is doing a good job, but that page of publicity for Toledo was going too far. DEE, we know you would like to see the convention in the EC, but how about giving SD a chance too? I don't think you would try to be unfair, though. Latest DX--KOOK-970. Tapesponders?

Jay Murley - 1733 Candlestick - Newport Beach, CA

I suggest that our editor review a few facts in the publicity dispute re convention sites. His statement on page 7, 3/20/21, leaves more unsaid than explained. 1) When those in southern Calif. first looked at alternate publicity means, DEE was consulted and was a party to the ground rules. Among them was a provision that a page of propaganda in DXM could be secured for the pro-rata cost of paper and postage. (I assume that the same applied to Toledo supporters). 2) Any well-organized committee could have picked up labels at cost. Let me assure those not involved with either competing party that mailing labels are a rather small part of a mailing. 3) It's obvious that much of the membership has already made up their minds, and editors (both in Calif. and near Toledo) are showing their partisanship. I suggest, however, that DEE is letting his personal choice (Toledo) show in his publishing treatment. One final note: well-organized committees tend to put on the best conventions. Welcome Ernie Cooper and Dave Gleason!

Re AWP's DXF 3/13 DXM: if AWP had bothered to do a little research into just how much space is used in DXM for comments re IRCA and its policies, I doubt he would have made his statements about money being wasted. 1. For \$9.50 you get 34 issues of DXM, or anywhere from 680 to over 950 pages for a one year membership. What you are doing then is paying a penny for each page of 34 issues of DXM. 2. The DXF pages average about 60 lines, but since the other pages don't, we'll make the pages average about 50 lines each. 3. In 34 issues of DXM, 250 lines of comments made by the so-called troublemakers re IRCA and its policies were seen. 250 lines divided by 50 (lines per page) equals 5. Five multiplied by one penny per page equals five pennies. 4. So, the comments re IRCA and its policies have only "cheated" AWP out of five pennies of his membership dues. Surely that's a small enuf price to pay to allow the membership to comment about the IRCA and its policies. I'm certainly willing to let the rest of you "use" my money to disagree with me. If you don't like comments abt club policies, pse try amending the EP. (15-BJ)

Mike "DOC" Hardester - 401 Birchwood Court - Modesto, CA 95350

Recent veries: v/q--CBXQ-540 and CFRB-1010; v/l--KAIM-870 and KLUC-1140. Much needed South Carolina hrd in the form of WAGL DX Test. Nice going Harry! KNCR has switched from 1250 to 1090 w/10kw. KNCR is in Fortuna, CA. I've not hrd them, but my neighbor has and they are verifying. (Mike, they were on 1090 last July when I was up there.-BJ) For those members who feel swearing is an impressive way of getting their point across or continual bickering will accomplish their goals, pse remember this adage "Make sure mind is in gear, before putting mouth in motion." Swear all you like--I can probably outswear the majority of you, having lived and worked around steel workers and others, but I find that I help more DXers by reporting to DXR, supplying v/s, running down sketchy info for a positive ID on a stn for other DXers, or whatever way I can help a fellow DXer, than by swearing or complaining about problems--if they really are. Those who don't like the IRCA's form of democracy can always run for an office or submit proposals to the BoD, to effect a change. In short: put up or short up. I've applied to mbn for SoM editor. 73 and good DX & CX.

John Richards - 2245 Latham #7 - Mountain View, CA 94040

Greetings and belated birthday wishes to the club on its current anniversary. The only veries rcvd here between Forum reports have been v/l's from KRAM KOLO KCRL KASA & KLUC for its f/c DX Test. I can summarize my views over the new controversial issues over the last few months: Dissent and DX are both important to this club. One is just as vital to club affairs as the other. I was sorry to see the taped amendment pass because an honest logging written down plus a QSL can be as much proof of reception as taped veries are. I hope convention ends up in Toledo. It's the EC's turn this year. 73 and Toledo in 1971.

Mike McCullough - 5240 Rhonda Dr. - San Jose, CA 95129

Hi! Back again w/DX very good lately. Correction on DXR 3/6 on KGFJ-1230 that should be tr testing not f/c. I just played back my tape for 2/15 and found WOHO-1470 w/ID and wx 0344, also CHLO-1570 w/ID and rr 0357 2/15. Also on my 3/6 DXF on the LAFAYETTE radio it should read terminals for speaker, and price \$40. Would appreciate any info on where to get either a Hammarlund HQ-140 used, or a ARB rx. The rx that I'm currently using is the LAFAYETTE that I have for sale, the selectivity and sensetivity are good. I did hear the WAGL TEST 3/22. 73's and down w/NSPers, non-verifiers and RF pollution.

Edward B. Haden - P.O. Box 1372 - Rosamond, CA

It took me two weeks, but finally solved my wierdie noted in my last report. The quake loosened my ground line! Sounds simple, but I had a devil of a time finding it. All is well again. Hey IRCAers, there is hope. Last May 27, 1970 I sent a report to KFRC in San Francisco. Just received a verie today. My rpt on KBIM call change from KCHV. They have apparently just changed their FM to KBIM. Recent receptions include KSFO KSTN KAIR KWKH WBZ & XMMM with XELO off the air. Was unable to log either WMVO or WAGL.



THE CURSE OF THE SUPERHETERODYNE  
and how to hex it

Page 7

This laboratory has constructed and tracked a six stage amplifier in this fashion followed by the necessary sub-amp amplification with selectivity performance at all broadcast band frequencies at least equal to the best superheterodyne available for general use by the public. The 6 db bandwidth, however, is limited by the 100 maximum circuit Q to a minimum of 5 to 6 kc which, though ideal for general use, will not meet the requirements for DX use where single sideband reception at one edge of a narrow passband is sometimes necessary to receive foreign stations only a few kilocycles removed from a local station. The adjacent channel attenuation of 30 db, not including the loop selectivity, is also not enough for serious DXing but equals or exceeds conventional superheterodyne performance. The attenuation 20 kc removed exceeds 60 db and the response to channels further removed is nil. Using a similar pre-selector as a head-end for a superheterodyne designed to provide the sophisticated additional performance required for DXing would combine the necessary advanced features that can only be provided at a fixed frequency with a complete freedom from spurious responses possible only with a straight tuned R.F.

This laboratory is currently in the process of designing and developing a receiver for broadcast band DXing and this work on a multi-stage varactor tuned straight receiver was part of the work to determine if such a sophisticated design would be practical for the head-end of the superheterodyne under development.

Early writers and investigators were intrigued by the possibility of cross modulation in these devices, particularly at the low frequency end of the band where the varactor bias voltage is low. Circuits were often shown with back-to-back varactor connection to minimize the effect. More recently, however, quantitative information is at hand and the situation is as follows: This information is supplied by ITT for their BA163 varactor. The worst voltages for cross modulation are 1 and 4 volts. At these points a .35 volt rms signal, 100% modulated, will produce 1% cross modulation on a weaker signal. To put this in perspective, consider, for instance, a varactor tuned loop and that the loop is directly connected to a tube amplifier. Now .35 volts rms is .49 volts half-peak or .98 volts peak-to-peak, unmodulated. When 100% modulated, the maximum peak-to-peak voltage would be twice this or 1.96 volts. Now a tube is normally biased at 1 volt to place the operating point in the center of the linear part of the input characteristic, so a 2 volt peak-to-peak signal would begin to draw grid current on positive excursions and with negative peaks begin to drive into the congestion type non-linearity that occurs at the higher bias voltages. It is obvious, therefore, that the tube would cross-modulate at virtually the same time that the varactor does and at all frequencies, not just the ones corresponding to a 1 volt and 4 volt bias. We have concluded, therefore, and experienced circuit designers in this area have confirmed our conclusion that cross-modulation is not a basic problem in the use of these devices.

The varactor's big problem and the one that has received a lot of effort in this laboratory is tracking. It is necessary to remember that an air gang is a mechanical assembly, where close tolerances can be held on all the pieces making up the final assembly. Even with such precision, however, the final product will not meet the 1% tolerance on tracking. A final operation is to manually "wing" the outside plates of each section to provide the necessary tracking accuracy. This requires a high level of skill on the part of the operator performing the task.

THE CURSE OF THE SUPERHETERODYNE  
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The varactor, by comparison, is constructed from a number of complicated diffusions that are necessary to provide the large capacitance variation required. Individual units, in the context of the required accuracy vary significantly not only in the slope but curve shape as well. Since no opportunity to improve matters by pruning the finished product exists, a grouping technique is necessary. Most if not all vendors intend to do this by computer but, to date, programming difficulties remain. This laboratory has succeeded in obtaining perfect tracking of a 6 varactor TRF preselector but the process is tedious. It involves (1) trimming the high frequency end, (2) varying the inductance to obtain a track to 1400 kc, (3) varying the maximum voltage applied to the varactor to track to 1000 kc, (4) varying the minimum voltage to track to 700 kc and, 5) pad the circuit to track the low end. Since all these adjustments are interdependent, each time one is varied, the complete sequence must be repeated.

By initially selecting reasonably close units before the above process is started, perfect tracking is obtained. The labor involved, however, militates against the procedure being practical at this time in a mass produced receiver. On a semi- custom-built basis it is completely feasible and, of course, a broadcast receiver designed especially for DX reception would be a low production product by necessity anyway. Such a set cannot be cheap but neither are available communication receivers cheap and they have only rudimentary preselection.

An interesting additional feature appears possible by utilizing the scan possibilities provided by the varactor preselector. If we provide a switch to change from an operating to a standby position, and it switches the varactors from the tuning potentiometer to a sawtooth scan voltage having a frequency of about one scan every 5 seconds, it is possible to electronically sample the activity of the entire band. If this information is detected and integrated by a large diode load capacitor to a time constant of about 1 minute, we will have an effective propagation activity index. This information can be presented as a second scale on the "S" meter and will show rather small deflection during daytime and, of course, much larger deflections at night depending on propagation conditions. It is then a simple matter to add a control that can be preset to sound an alarm whenever reception conditions exceed a pre-determined level. This will prevent wasting time listening when conditions are poor and at the same time avoid the possibility of missing any exceptionally good reception periods. If the latter occurs in the middle of the night, the theory is that the operator, after turning off the alarm, will switch to the operating condition and proceed to log all sorts of new stations. This, of course, assumes that he has more resolve than this writer when a warm bed beckons. It should be restated that this is in the nature of an armchair idea - conceived but ungestated and unborn. The writer would be interested in hearing from members having any opinion, one way or the other, as to whether such a device would prove useful and what form it should take, if different from the above.

--J. A. Worcester  
Worcester Electronics Laboratory  
R. D. 1  
Frankfort, NY 13340

This sheet completes Joe's article started in the 3-27-71 DX Monitor. Extra copies are available free of charge on request. SASE is not necessary.

Editor: Father Jack Pejza, 3266 Nutmeg St., San Diego, Calif. 92104  
 Telephones: 714-282-0076 or 714-282-2184. Deadlines: April 9, 23; May 7, June 4, July 9, August 6, 27, Sept. 10, 24, Oct. 8 and weekly from then on. Use GMT (EST+5) in your reports to DXWW, one side of page, with name on each sheet, and preferably typed in order of frequency.

Recently several new cases of suspected fake reports and/or veries have come to my attention, as they do periodically. To newer DXers who attempt this, I would issue this word of warning: older, more experienced DXers who hear of your reports, and perhaps hear your tapes, very often can spot your attempted fraud with ease, because they know what conditions should prevail on a particular frequency. For instance, if you use a radio not particularly noted for its selectivity, and no adjacent channel interference is noted from a strong local, something is fishy. To more experienced DXers who attempt fraud, I ask--why? Is it really necessary to stoop to fraud to boost your ego? In any case, a DXer ceases to be worthy of any type of respect when he resorts to fraud. If you have it available, re-read Gray Scrimgeour's editorial on "Multi-Freak Reception" in the February 28, 1970 DXWW.

#### Listeners' Loggings- East Coast

- 570 YVLX Venezuela, Villa de Cura, Radio Rumbos with TC "Hora Rumbos", then "mas musica" and into music 0935 MM 3/15. (MD)
- 625 ??? UnID heard 3/13 between 0625--0707+ with latin and light music. No announcements of any kind were heard. I believe this could have been TIRICA in San Jose, Costa Rica. (JPL)
- 640 YVQO Venezuela, Puerto la Cruz with ID "Ondas Porteñas" 0014 3/17 well over CMQ which is having modulation problems. (MD)
- 700 HJCX Colombia, Cali, Radio Sutatenza with ID listing all MW frequencies 0200 3/11, along with WLW nulled. (MD)
- 720 YVQR Venezuela, Cumaná, Radio Cumaná over Cuban with ID 2319 3/18; no trace of WGN as sunset in Venezuela in March takes place before sunset in Chicago YV #27. (MD)
- 740 YVNC Venezuela, Maracaibo, Radio Maracaibo with ID following 6 minutes of ads 2317 3/18 well atop frequency with CBL nulled. (MD)
- 760 ZFY Guyana, Georgetown, loud and clear with ad following program "Guyana's Top Ten Pop" 2339 3/18, ID as "The Voice of Guyana, Radio Demerara." (MD)
- 818 ... Andorra, Sud Radio 3/20 2305-2340, S5 but good audio and loud in FF. YL announcer with guitar and pop singing, man with news 2331. Also 3/21. (ESK)
- 820 YV?? Venezuela, UnID heard with Radio Rumbos news and chimes 1008 3/15, but no local IDs noted; heard over HJED and 3rd SS. (MD) (Only YV listed in YVSH, Radio Guayana, Upata, 10 kw. Ed)
- 854 RNE Spain, Murcia assumed, 3/21 2342, S7 signal fair audio; much relaxed male SS speech with brief piano interlude at 2345. Sideband QRM. (ESK)
- 880 OBZ4N Peru, Lima, Radio Union heard 0630-0830 3/22 with MoR music, many IDs. Het from BBC until almost 0700, then generally in the clear except for occasional low frequency het but no other audio. Country #39. (PLS)
- ??? UnID SS MM 3/22 0705-0800, vaying signal with bad het. LA music with several male voices in announcements and ads. IS of 2 shorts and 1 long on a police whistle or horn during station ID which is difficult to follow but always included mention of "Buenos Aires" and "Radio Unión". Assume this is Lime, but it lacks the sharp programming and IDing associated with OBZ4N?? (ESK)
- 881 BBC United Kingdom, Washford et al., BBC4 heard 0608-0657 (fade out) 3/22 with news to 0610, then talk. QRM: some WCBS testing and the het from Lima. Guess I'll do what everybody else does and call this Wales for country #38. (PLS)
- 1040 YVLB Venezuela, Valencia alone with ID "La Voz de Carabobo...numero uno" 0000 3/15. (MD)
- 1110 YVQT Venezuela, Carúpano, "Carúpano" all alone with loop south 2309 3/16. (MD)
- GMT = EST + 5 hours. E.g., 2200 3/27 EST = 0300 3/28 GMT.

All times in DXWW are GMT (EST + 5 hours)

- 1214 BBC Great Britain, 3/21 2356 good, sideband QRM and fading; piano music, brief BBC ID at 2400, with more piano and singing. (ESK)
- 1235 ZBM1 Bermuda, Hamilton apparently no longer AN as heard s/off 0611 3/18,19,20. Ten minute news at 0600, brief announcement, GSQ, then OC. (PLS)
- 1295 PJD2 St. Maarten, Philipsburg, heard 2355 3/23-0045 3/24 with non-stop religion IDing and "This is PJD2, St. Maarten, Netherlands Antilles." Country #40. (PLS)
- 1385 ??? UnID in SS 3/22 0018, faded at wrong times, good, guitar music; rock group at 0022; YL singing typical LA song at 0028; news at 0101. (Practically every TA channel heard this SM.) (ESK) (In other words, Ed, you think this was Spain? All Spanish stations are scheduled off at this time. Ed)
- 1457 BBC Great Britain, 3/22 0450, good audio in European Service with GG speaker; carrier cutat 0459 $\frac{1}{2}$  following "Auf Wiedersehen" of speaker. (ESK)
- 1466 3AM2 Monaco, Monte Carlo heard 3/18 0525-0535 with pop music, excellent level (better than adjacent domestics) and very clear "Ici Monte Carlo" ID at 0530. (PLS)
- Midwest
- 650 YVLH Venezuela, Maracay, Radio Girardot, MM 3/22 1025 ID, TC, talk about campesinos. Under WSM TT. (WGH)
- 765.5 YSKL El Salvador, two stations running parallel and IDing as "YSKL, la poderosa, primera en todo el país". Offering prizes. 3/15 0545. (REW)
- 770
- 780 HR?? Honduras, none listed here in WRTH, but Radio Norte heard. This slogan appears as HRBT-960, San Pedro Sula, so this may be a move or relay. Noted MM 3/22 1048 with Honduran ad, ranchera music; 1055 ad for a "Refresco Tropical", more ads, 1059 ID as R. Norte. WBBM carrier intermittent after 1102 but ID again at 1103 as "R. Norte, la emisora con programación para seis mil watts." Later ID as "R. Norte, la emisora de todos los hondureños", obey the law PSA. Very strong at times and seemed on the high side of 780 hets. This may be LMA's UnID in 12/12 DXWW. (WGH)
- 818 ... Andorra, Radio de Valles, relaying Radio Monte Carlo 0448-0516. Signal was reasonably clear, with clear ID as Radio Monte Carlo heard at least five times with male and female announcers. (LR) (No date given. Ed)
- 880 OBZ4N Peru, Lima Radio Mil MM 3/22 0831 EST TC, ID, andean-influenced music, later TC as "las 3 de la mañana y 38 minutos en todo el Perú," indicating daylight time is over. (WGH) (I thought this was Radio Unión, Glenn. Slogan change? Ed)
- 960 HJHN Colombia, Magangué, Radio Sutatenza, excellent at 0858 MM 3/22 s/cn giving outlets; for a few minutes there was a distorted spur on 955a., but soon cleared up. Then into FM-net-linked 90 minute program. Outlets listed conflict with WRTH, including this frequency:
- |         |      |              |        |                          |
|---------|------|--------------|--------|--------------------------|
| 810kHz  | HJCY | Bogota       | 250 kw | (WRTH says 300 kw)       |
| 1010kHz | HJOP | Barranquilla | 10kw   | (WRTH says HJHN)         |
| 700kHz  | HJCX | Cali         | 120kw  | (WRTH says HJGU)         |
| 590kHz  | HJCR | Medellín     | 10kw   | (WRTH agrees!)           |
| 960kHz  | HJHN | Magangué     | 120kw  | (WRTH says Barranquilla) |
- A couple of other outlets listed in WRTH were not mentioned. (WGH)
- XEK Mexico, Nuevo Laredo, Tamps. 3/16 with latin music 0937, good, slight WBRC QRM. (RSK)
- 1020 YVMX Venezuela, Maracaibo, R. Calendario listed; 1005 MM 3/22 local Maracaibo ads. Soon faded out. (WGH)
- 1180 YVNU Venezuela, Ci. Ojeda, R. Petrolera assumed the Venezuelan listed as active; SS, AST TC, music, 1035 MM 3/22; however, on reflection, it could have been Chile. (WGH)
- 1214 BBC1 England, pop music, and DJ 0555 3/22; ID at 0600. (REW)
- 1235 ZBM-1 Bermuda, Hamilton, GSQ, orchestral version, quite good 0600 3/22. (REW)

GMT = CST + 6 hours, MST + 7 hours; PST + 8 hours.

- 1423 XEF Mexico, Ci. Juarez, varied from 1420 to here with slightly distorted signal 3/17 0428 with 2-minute fast TC and ID: "Siga escuchando lo mejor de la música de México, en XEF, 14-20 en su radio, Mexicorama". (WGH)
- 1394 ... Albania, Tirana, Czech (easy to recognize, stress always on first syllable) 3/22 0600. (REW)
- 1540 ZNSL Bahamas, Nassau 3/19 0645 with light music under WANL ET and slight WPTR. (RSK)

West Coast

- 650 KYAK Alaska, Anchorage in very weakly here 3/21 with DJ mentioning KYAK several times. Musch QRM from WSM and KFI at 0900. (GWE)/ Good through KORL 0908 3/22 with c-w, Horoscope, and jingle, "We're #1 in Alaska, KYAK 650". Unneeded. (BP)
- 690 ??? Japan?? See DXWW 3/13 and 2/27; Gary Elston (in Santa Clara) heard an EE lesson too at the same time I did on 2/15; he also got the pips and got a v/q from JOAB a few weeks ago; so, I guess I DID hear a Jap. (SK)
- 740 CMJL Cuba, Camaguey believed the SS here 0950 3/22 with talk. Strong at times. Noted later with music which appeared to be //670. (BP)
- 770 3LO Australia, Melbourne heard with music, 6 pips and bits of accented EE 1000 3/22. Not enough for a report. (BP)
- 780 ZBVI British Virgin Islands, Roadtown fair on s/on 1000 3/22. S/on consisted of GSQ, s/on announcement, organ music, then into morning devotional service. (CA)
- 800 XEMMM Mexico, Tijuana, B.C. off all day 3/21 and early part of 3/22 GMT. (FJP)
- 850 HJKC Colombia, Bogota in with LA music with fair to weak signal. Some QRM from UnID domestic at 0650 on 3/22. (GWE)
- 930 KTKN Alaska, Ketchikan testing with TT MM 3/22. Morse code ID 0822. (CA)
- 1040 KHVH Hawaii, Honolulu finally logged this with news at 0830 3/21. HJAI was quite dominant this night. (GWE)
- ... China, Peking clobbering all other signals on this frequency at 1100 3/14. (GWE)
- 1200 YVOZ Venezuela, Caracas, Radio Tiempo in with IDs and music at 0800 3/15. Local KLOK wouldn't stay off long enough for me to take a log on this one. (GWE)
- 1210 ??? UnID SS here 0805 3/15, I didn't catch an ID before KLOK resumed broadcasting. SK thinks it's Radio Coro. What would you say, FJP? (GWE) (It could be R. Coro, or possibly La Voz Amiga, HJFF. Ed)
- 1425 XEF Mexico, Cd. Juarez, I think was the 3-letter XE- call here at s/off 0602 3/18; said they would return to air at 6am LT; Ideas? (SK) (See Midwest DXWW, Steve; RFS lists XEF as AN, incidently. Ed)
- 1550 ... Asiatic RSFSR, woman in what sounded like Russian here 3/21 1030. (SK)

Verifications

- 690 JOAB Japan, Tokyo oversized EXPO v/q (different from the ones sent for JOBB and JOLB) along with usual junk in one month. (BP)
- KKUA Hawaii, Honolulu, Roycroft QSL in 5 weeks airmail. Alan R. says "Late in January we got KKUA back on 10 kw after operating on 2kw since October." Card looks a bit different from my other Roycrofts. Alan R. is CE for KORL, KIKI, KGMB, KAIM, KKUA, KGU, KHVH, KLEI, KOHO, KZOO, KNDI, KCCN, KUMU, and KPOI. (SK)
- 834 ... British Honduras, Belize pictorial map card in 31 days. Card states xmtr is 20 kw. Verie sent via surface mail. Enclosed two CRCs/ V/s is ?A. Cheong. (GF)
- 860 XEMO Mexico, Tijuana, with studios in San Diego. Very friendly v/q. Card says XEMO has tallest tower in So. Calif. (450'); no indication of v/s. (GF)
- 1090 XERB Mexico, Rosarito v/q in 9 days. No v/s. The text was printed as "This is to acknowledge your rpt of \_\_\_\_\_ wich we have found to be correct." The typist "corrected" the misspelled word by typing in a "t" to make it "witch" hi. (BP) (Same on mine, Bruce. Ed)

Reporters

CA Chuck Albertson, Bellevue, Wash.  
 MD Marc DeLorenzo, Hyannis, Mass. HQ-129X; GPN loop  
 GWE Gary Elston, Santa Clara, Calif.  
 GF Graham Fleck, Victoria, B.C., Viking RMK 721R; 5L-7 International  
 WGH Glenn Hauser, San Antonio, Texas, HQ-160, loop and LW  
 SK Steve Kamp, San Jose, Calif.  
 RSK Robert Kramer, Chicago, Ill., Realistic TRF  
 JPL John Lombardo, Irvington, N.J., Allied A-2515, with IRCA-type loop  
 FJP The olde editor  
 BP Bruce Portzer, Seattle, Wash., National NC-120, 4' NRC loop  
 LR Larry Rempala, Cicero, Ill. (MWDXC member, via Dave Alpert)  
 PLS Phil Sullivan, Leominster, Mass.  
 REW Richard Wood, Baton Rouge, La.  
 ESK Ed Kocsan, Morris Plains, N.J. HQ-180A, 27" loop

Beacons--- Steve Kamp

According to Kneitel Confidential Frequency List, "MDE" 1690 is at Medellin, Colombia  
 "TIPM" listed for 1670 at Palma Sur, Costa Rica; "ENT" I can't find; TIPM listed for  
 50 watts; MDE listed for 3380 watts. This list is available from Gilfer for \$1.95.  
 It lists beacons, marine operators, low frequency emergency stations, HF police  
 stations, INTERPOL stations, low frequency police stations, 1610-2490, RCMP stations,  
 spynetworks, time signal stations, US government stations, FCC network, a few ships,  
 USCG key stations, corps of engineers stations, HF radiotelephone stations, US Weather  
 Bureau stations, and aeradios.

Reports for "RAB", 1613, Guatemala, can be sent to Communications Supervisor,  
 Pan American Airways, Miami International Airport, Miami 33148. They sent me a blue  
 and white v/q in 1966. (Portzer)

Geomagnetic Indices

March 10=16	15	6	13	24	20	16	13
March 17-23	8	4	9	13	2	2	3
March 24-30	12	9	11	8	2	3	9

*As some of you already know, I am a candidate for president of IRCA. Although I do not feel this is the time or place to give a campaign statement, I would like to say that I hope that all of the campaigns--for president, secretary-treasurer, and for Board of Directors--will be free of personal invective and mudslinging. Each individual who is running for office is doing so because he feels that he can make a contribution to IRCA. You might not agree with his goals, but please use common courtesy and discretion in stating your disagreement. The pages of DXM are not the place to state your opinion of the character or motives of the candidates.*

Great Circle Bearings and Distances

Phil Sullivan has written up a program for finding GCB and GCD. If you are interested because you have a computer available, please write Phil. I don't think there is enough general interest in it to warrant putting it in DXWW.

Swaziland Trans World Radio has announced that the Kingdom of Swaziland has granted permission for a 100 kilowatt MW station, to be built on the Johannesburg Highway, nine miles from Mbabane, the capital. Construction will start in early 1971. Swaziland is strategically located to cover southern Africa with optimum coverage. TWR-S expects to transmit in English, Afrikaans, French, Portuguese, Swahili, Zulu, and other tribal languages. (Family Stations, Inc., via Tom Hartloff)

Aruba Radio Victoria, 925 kHz, now signs off at 0100 GMT. (SDXK via Dave Alpert)

Bulgaria Radio Sofia is using new frequencies of 1030, 1283, and 1310 kHz; powers are unknown. (EBU via Dave Alpert)

*We start bi-weekly publication now; be back in 14 days. 73 from FJP.*