



INTERNATIONAL RADIO CLUB OF AMERICA

P. O. Box 1122, Lake Grove, Oregon 97034 USA

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 either 687-5910 or 688-6010. All times in DXM are Eastern Standard Time.

DX CALENDAR

Sun. Mar.	1	CHLO	1570	St. Thomas, Ontario	10kw	0000-0200	EST	IRCA
Mon.	9	WRAN	1510	Dover, New Jersey	10kw/500w	0100-0400	EST	NRC
		WTXL	1490	West Springfield, MA	1kw/250w	0130-0430	EST	NRC
		WCPK	1600	Chesapeake, Virginia	1kw	0130-0200	EST	NNRC
Sun.	15	WNIO	1540	Niles, Ohio	500w	0230-0330	EST	NRC
Mon.	16	WMVO	1300	Mount Vernon, Ohio	500w	0300-????	EST	IRCA/NRC
		WPTN	1580	Watertown, Miss.	1kw	0300-0400	EST	IRCA/NRC
Mon.	23	KXL	750	Portland, Oregon	50kw	0300-0400	EST	NNRC
Fri.	27	KGTN	1530	Georgetown, Texas	1kw	0100-????	EST	NNRC/PoP
Sat. -or-	28	KGTN	1530	Georgetown, Texas	1kw	0100-????	EST	NNRC/PoP

WIXE info last week was from Harry Helms, Jr. Gray Scrimgeour reports they were heard very well in Toronto.

CHLO - please see last week. -George Bryson

WRAN will have phone-talk and underground rr format, no collect calls please. WRAN's Ted Savage & NRC's Russ Edmunds will be mikeside. 10kw DA is w/ major lobes at 340°, 160°, and a minor lobe at 270°. 500w is also DA. This is a combo DX test, PoP, and ET. Info via -NRC/Russ Edmunds and in DX NEWS

WTXL - no further details. -DX NEWS

WCPK reports should be sent to: Mr. Charles F. Payne, Owner-Pres., 500 E. Liberty St., Chesapeake, VA 23324. High modulation mx, frequent IDs and 1000 cycle tone will be used. Info from -NNRC/John T. Tweedie

WNIO info in from Jerry Starr special delivery air; Reports to Mr. Johnny Ryan, c/o the stn. 3-tower DA, signal to N & S. Will use rr mx, tone IDs and many spoken IDs. -NRC/Jerry Starr

WMVO was originally phoned in as March 13, Monday; an error on someone's part. No correction was received so another club's bulletins Mon 2/16 was used thru pgm. No word from arr. Dan Myers but NRC reports correct date is Monday March 16. Pgm is for IRCA and NRC, not for NNRC as listed some places. -DX NEWS and -Dan Myers

WPTN reports to: Mr. Clifford J. Groth, CE, WPTN, 104 W. Main St., Watertown, Wisc. 53094; format unknown. -Dan Myers via phone

LAST ISSUE Early reports are of massive delays via third class. Moral: Renew 1st!!

THIS ISSUE Jam-packed and then some, it will go out Friday morning around 7 AM after a full night's work. Despite last week's light weight bulletin and early mailing, service 3rd was poor; maybe better this week? Can it get worse?! -DEE

The time has come to select the site of the 1970 IRCA Annual Convention. Two cities have submitted formal bids for hosting the site, and the Board of Directors has approved both bids as legitimate. Please indicate your choice of sites on the enclosed ballot--all votes must be in by April 15. The bids are presented below for your consideration.

DETROIT. I would like to put my formal bid for Detroit in 1970 as the IRCA convention site ... to be hosted by myself (George Bryson, ed.), Mark Robinet in Windsor, Dan Myers and Bill Paczko of Toledo... (The host hotel will be the) Tuller Hotel in Detroit. "This one is in the Downtown area and is near the Downtown shopping area, and also near all bus, train and plane transport." "Rooms at the Tuller Hotel ...are: Singles \$8-\$12; doubles \$10-14; twins \$12-16; triples \$5.50 per person. The reservation fee will be \$9.00 (to cover costs of the meeting room, banquet and other expenses. Date of the convention will be the traditional weekend before Labor Day: Aug. 28-30).

VANCOUVER. Date - weekend of 18th to 19th of July, 1970. ...the last two weekends of August were eliminated as possibilities due to the terrible overcrowding and traffic tie-ups that the Pacific National Exhibition causes each year. ... It was decided that mid-July would be as good a time as any for a convention. " Host hotel - The Coach House in North Vancouver; the downtown area was decided against due to the crowding (hard to get reservations); high rates; and poor parking facilities. Rates: singles \$8.50-\$10.50; doubles and twins \$12-\$15; three persons \$16.-\$18. "The Greater Vancouver Chapter of the IRCA will co-operatively host the convention. (This includes about 20 persons in the Vancouver area. ed.)" "...speaking on behalf of the Greater Vancouver Chapter, Vancouver is a good choice for an IRCA Convention due to the isolation of the Pacific Northwest from previous IRCA conventions... Vancouver is quite a green city and is one of the few that hasn't been completely immersed in air pollution (yet)." (Submitted by Jon E. Pearkins, Jr. on behalf of the Greater Vancouver Chapter.)

(My apologies to those submitting the bids for any errors I may have made. The text was edited from approximately 3 pages of material for Detroit and 6 pages of material for Vancouver, respectively. mbn)

Results of the Constitutional and Bylaws Amendments balloting:

	<u>Favor</u>	<u>Oppose</u>	<u>Abstain</u>	<u>Action</u>
Constitutional amendment:	159	33	3	Defeated ¹
Bylaws amendment 3.2-51	133	56	6	Passed
Bylaws amendment 3.2-54	158	25	12	Passed ³

¹ In order to be passed, a Constitutional amendment requires a 2/3 majority of the entire membership. There were 327 IRCA members eligible to vote, hence 218 votes were needed to pass the amendment.

² 126 votes needed to pass. Please amend Article V, Section 2, Part 2-e. of your copy of the Bylaws by adding: "The financial statement of the club must be approved by the Board of Directors before publication in the DX Monitor."

³ 122 votes needed to pass. Please amend Article XI of your copy of the Bylaws by adding: "A proposal which is related to the activities of an IRCA committee or the club Treasury will first be submitted to the respective Committee Chairman or the Secretary-Treasurer for his recommendations, which will subsequently be submitted to the Board along with the primary proposal."

ANARC Report

Executive-Secretary for next term. Nominations are now open for the position of executive of ANARC for the two-year term to start this fall. Any prospective nominees should make their intentions known to Larry Godwin so that he may be placed on the ANARC mailing list.

ANARC convention for 1970. Offers to host (or cohost) an ANARC Convention have been received for Chicago (INRC), Batesville, Ark. (Batesville SW Club), and the IRCA (site to be determined).

ANARC Abbreviations List. The official list of ANARC abbreviations, available for \$1.25 from ASWLC - 16182 Ballad Lane - Huntington Beach, Calif. 92647.

Happy birthday. To ASWLC (10 years), and WTFDA (2 years).

---Michael B. Northam - P.O. Box 1122 - Lake Grove, Ore. 97034

February 28, 1970

EAST COAST DX ROUNDUP

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Editor: Marc DeLorenzo - 132 Beacon Street - Boston, Mass. 02116

Deadline: Thursday. Please list all items in frequency order.

- 540 CBT NFLD, Grand Falls taped at SSS 2/5, good signal. (QKB)
???? GSQ s/off @ 1800 2/9; Probably CBC; Windsor? Marcus: can you think of an exotic stn that would match that description? (QKB) CBEF Windsor is fulltime as are all other Canadians on this freq; How about WRIC-Va signing of with "America" ('My Country Tis of Thee') which has the same tune as GSQ? WRIC s/off in Feb is 1800. - MD
- WETC NC, Wendell good s/off 1800 2/10. (QKB)
- 550 WGR NY, Buffalo fair w/ID, rock mx @ 0202 2/12. (SSH)
- 570 CKEK BC, Cranbrook fair o/u WKBN w/wx 0208, good especially during WKBN pause w/s/off info 0209, off at 0210 w/no NA, s/on given as 0530 local time 2/13. (RB)
- 590 WKZO MICH, Kalamazoo in 2/13 1604-1730 xlnt signals, no QRM, was carrying soft mx & a few ads. (GHB)
- 600 WICC CONN, Bridgeport fair w/Knick game @ 2131 2/11, fluttery signal, usually better here. (SSH)
- 620 WSUN FLA, St Petersburg fair w/mx, nx, wx, IDs; Midnight Sun Show w/George Conrad; hrd 0419-0450 2/16, WVNJ off. (SSH)
- 630 WLAP KY, Lexington hrd briefly w/ID @ 0455 2/16, fair. (SSH)
- 680 WDBC MICH, Escanaba o/CHLO w/rr mx 2155-2200 1/23. (JR)
- 690 WAPE FLA, Jacksonville fair til power cut @ 1800 2/4. (TJY)
WVOK ALA, Birmingham good after WAPE @ 1820 2/4. (TJY)
XETRA BCN, Tijuana noted off NSP sked 0400 2/16. (RB)
- 730 WDOS NY, Oneonta good w/CKAC nulled SSS 2/7. (QKB)
- 740 WPAQ NC, Mt Airy w/IDs for ET 0320-0331 1/18, used 10/1 kw. (JR)
- 760 KOB NM, Albuquerque in the clear from 0146-0200 s/off w/NBC Monitor features 2/16. (TD) Welcome to DXR, Tim. - MD
- 780 WAVA VA, Arlington xlnt on TEST 0143 2/2 ID. (QKB)
- 790 KABC CALIF, Los Angeles in MM 2/9 after CKLW power cut to 5kw @ 0000; hrd carrying mx @ 0300-0305 then lost to CKLW. (GHB)
- 810 WGY NY, Schenectady in w/continuous mx after CKLW power cut @ 0000 2/2, listened to 0030; nice v/c. (GHB) (QKB)*
- 840 WRYM CONN, New Britain xlnt SSS 2/7 w/"rhyme" IDs to 1730 s/off.*
- 850 KOA COLO, Denver 1st time hrd fair @ 0100 1/30. (TJY)
WKIX NC, Raleigh fair o/KOA @ 0130 1/31. (TJY)
- 860 ????? Who runs opera mx, and sort of LA mx 0125 or so? XEMO? Logged 0130 2/8. No IDs or talking hrd, just solid mx. (DE) Probably XEUN, Dave. (MD)
???? Religious pgm, Rev Ike type speaker 0126 2/8, KONO? Same pgm as is on KXEL MM's. (DE) Likely XEMO. - MD
- 870 ????? Tester, used 1000 cps tone, then started Beatle mx 0134-0140 u/WWL. - (DE)
- 910 WABI ME, Bangor s/on-SSB 0545 1/28. (DE)
KAMD ARK, Camden o/u KGLC w/C&W mx 0227-0243 1/18. (JR)
- 940 -VOA-NC, Greenville good w/AFRTS sports and Yankee Doodle s/off 2139-2201 2/11. Is this a SW harmonic or a legit BCB stn? Probably former, right? (SSH) Undoubtedly. - MD
KFRE CALIF, Fresno test in fairly with moderate to severe QRM from WINZ & an unid tt'er. (TD)
- 950 KIMN COLO, Denver finally reported to, at 0203 on 2/13. (TD)
- 960 WSBT IND, South Bend o/u WFIR w/C&W mx 1820-1835, 1/25. (JR)
WELI CONN, New Haven chimps, nx, EL mx 0000-0010 2/2. (DE)
WBRC Ala Birmingham in real well @0325 1/23 (tjy)
WELI Conn. New Haven exc. w/ r/c 2/10 0103. New! (QKB) Good w/r/c-tt 0101-0111 2/9. (BR)
WBEU SC, Beaufort fair o/CKWS w/rr 1805-1810 2/9. (BR)
CFAC ALTA, Calgary frequently atop 0145-0230 2/9 w/MoR & talk.(FW)

- *****
- 960 ???? Very likely KOOL w/CBS nx intro 0200 2/9 u/CFAC. No sign of CHNS at this time & not noted unt 1 0300. (FW)
- 980 KMBZ MO, Kansas City fair 0341-0343 2/9; QRM from unid tt. (BR)
- 990 WCAZ ILL, Carthage in with tone f/c as per list 2/9 0115. (GHB)
Hrd 2/9 0115-0130 w/f/c-tt per list. (Ken Lyon, NY)
- KTKT ARIZ, Tucson a real goodie weakly topping SS crap w/ID @ 0229 2/9, rr & lotsa static, NG for rpt. (FW)
- ???? Who had the same C&W instrumental 0258-0304 2/9, played straight thru the hour sans interruption. No sign of KTKT at this time, maybe them again? (FW, New Jersey)
- WPRA PR, Mayaguez beautiful L&C signal 0401 2/9 w/PR NA, SSB, s/on-SS, s/on-EE, mx. (FW)
- CBW MAN, Winnipeg noted atop WIBG/WNOX as early as 2000 2/11 w/ID & CBC nx; earliest ever noted & always an indication of good CX when atop like this. (FW)
- 1050 CHUM ONT, Toronto in fair w/mx @ 2030 1/31. (TJY, Baltimore)
- 1060 WNOE LA, New Orleans 2/12 @ 1830 good u/o KYW w/weather. (JJ)
- 1070 KNX CALIF, Los Angeles fair w/wx o/unid SS 0421-0424 2/9. (BR)
Fair w/nx, 2nd time hrd, 0100 2/2. (TJY)
- 1090 ???? Stn hrd fair o/WBAL w/mx; only ID hrd was "The Big K" @ 1840 2/11...1845 antenna change; KAA? (JJ) Yes. - MD
- 1150 CKX MAN, Brandon o/CKOC w/rr mx 0145-0200 1/26. (JR)
WCOP MASS, Boston C&W, nx, etc 1728-1737 1/20. (DE, Quebec)
- 1200 CFFB NWT, Frobisher Bay at 250w in u/WOAI w/a clear signal 2/9 @ 0100 but no report, curses! (GHB)
- 1220 CHSC ONT, St Catherines 2/15 @ 0440 w/C&W good, rptd. (JJ)
- 1230 WJOB IND, Hammond very good for a rpt 0210 on 10/2 w/WITH nulled; WNEB off. (QKB)
- *1220 CJOC ALTA, Lethbridge logged for a report 0200 s/off 10/2. (QKB)
- 1240 WGVA NY, Geneva s/off-SSB 0103 2/8 w/WGBB looped; maybe not AN now. (Frank Waldron)
WJEJ MD, Hagerstown f/c noted clearly o/all 2/8 0224-0233. (DE)
WROV VA, Roanoke rr 0226-0230 2/8. (DE)
- 1250 ???? S/off w/SSB 2230 1/11. (David Egan, Quebec)
- KALO ARK, Little Rock hrd 2/8 0203-0215 w/f/c-tt per list. (KL)
- 1260 KYA CALIF, San Francisco unusually strong w/Action Line 0130, signal was a whopping 20db o/S-9 by 0330 w/PSA pgm 2/16. (Russ Brown, Michigan)
- 1270 KTFI IDAHO, Idaho Falls; Am practically assured that this was the one 0207 2/9 w/nx & wx, mostly u/KFJZ, sounds like I have a couple of KTFI IDs taped around 0211, followed by relig; tape sent to "NRCer" with audio filter to make sure. Cuban was looped. Noted that a het against the Cuban left the air at 0216, hmm. State #47. (FW) Very nice, Frank! - MD
- WTID VA, Newport News hrd 2/10 0112-0121 w/f/c-tt way o/WXYZ. (KL)
- 1280 WCMN PR, Arecibo clear u/CJMS in SS 1754-1826 or so 1/25. (DE)
Dave, did you hear a positive ID on this one? WCMN is rarely hrd that far north. Sure you didn't hear WADO, an SS speaking stn in NYC. - MD
- WROC NY, Rochester o/CJMS amazingly clear 0640 or so 1/29. (DE)
CJMS QUE, montreal good w/FF & US rock, nx, ID's, spots @ 0321 2/16, completely covered by WPOW's s/on @ 0354. (SSH)
- 1290 WKWS VA, Rocky Mount fair w/ET 0252-0311 2/9. (BR)
WGLI NY, Babylon at SSS o/WKNE 2/4, NY #75. (QKB)
- 1300 WWOV OHIO, Mt Vernon didn't seem on DX 2/16 @ 0314 check. (RB)
- 1310 KDIA CALIF, Oakland probably the one w/soul and PST TC but WIFE killed ID 0256-0258 2/16. (RB)
WIFE IND, Indianapolis 2/9 @ 0210 w/mx fair, rptd. (JJ)

- *****
- 1310 KOKX IOWA, Keokuk in for f/c as per list, hrd 0116-0030 (?-MD)
w/1kw, fantastic signal thru local WKNR, hrd 2/13. (GHB)
- 1320 WCVR VT, Randolph finally on TEST 0107 ID 2/10, CKOY again. (QKB)
Good on DX w/recorded cl mx 0122-0231 2/9. (BR) Hrd 2/9
@ 0132 w/ID on TEST ET very strong. (KL) QKB: Sure you
have the right date? - MD
- 1330 WHOT OHIO, Campbell 2/15 @ 0417 w/rr very good. (JJ)
WHAZ NY, Troy another NY newbie; quality mx @ 1615 1/31. (QKB)
- 1340 KVBR MINN, Brainerd nicely atop w/spot 1835 2/14. (RB)
WHAR WVA, Clarksburg often atop w/rr 0030-40 when searching for
WCSR 2/9, latter not hrd match. (FW)
WMID NJ, Atlantic City o/QRW w/rr mx 0410-0422 1/5. (JR)
- 1350 KCHR MO, Charleston hrd 2/10 0147-0201 w/f/c-tt per list. (kl)
WEZY FLA, Cocoa in well w/mx 0125 1/23. (TJY)
- 1360 WDRC CONN, Hartford fair w/wx, PSA, rr mx, nx @ 0232 2/12. (SSH)
- 1370 KFJM ND, Grand Forks in w/f/c as per list using 1kw, very good
signal thru WSPD @ 0200-0215, rptd. (GHB)
- 1380 KUDL KAN, Fairway o/KWK w/rr mx 0015-0030 1/26. (JR)
WPLB MICH, Greenville poor r/c 0010 2/2. (QKB, Ontario)
- 1400 WFEC PA, Harrisburg good r/c 0200-0215 1/26. (QKB)
WDUZ WISC, Green Bay a shocker 0130 2/10 D-U-Z ID's. (QKB)
KBRB NEBR, Ainsworth on r/c 0227 tune in til 0331 $\frac{1}{2}$ s/off 2/14. (RB)
- 1410 WKBH WISC, La Crosse o/u WRMN w/C&W mx 1735-1745 1/7. (JR)
WRMN ILL, Elgin o/u WKBH w/religious s/off 1740-45. (JR)
KXIT TEX, Dalhart in w/a surprisingly good signal for 500w coming
thru the mess 2/13 @ 0105-0115; called stn to make sure,
rptd. (GHB)
- 1420 KSTN CALIF, Stockton nicely atop XEF w/tele-talk 0140 into rr
after 0200 2/16. (RB)
- 1440 WAAB MASS, Worcester good w/mx @ 0318 2/12. (SSH)
- 1450 WWSC NY, Glens Falls good, but brief w/ID, mx @ 0136 2/15. (SSH)
KOKO MO, Warrensburg atop w/BKB promo 1827 2/16. (RB)
KIRX MO, Kirksville well atop w/sports 1846 2/16. (RB)
- 1460 WOKO NY, Albany good w/ID @ 0334 2/12, brief. (SSH)
WPRW VA, Manassas fair w/PSA, wx, mx @ 0550 2/16. (SSH)
WVOX NY, New Rochelle very good s/on-SSB & complete ID @ 0559
2/16. Fine for 500 watts, even if I am close to it! (SSH)
- 1470 CHOW ONT, Welland w/mx @ 2030 1/31. (TJY)
- 1480 WGNE FLA, Panama City Beach w/r/c 0140-0146 2/16, fair; all ID's
no music noted; 1970 f/c list says there should be mx.
Also, list says check only lasts til 0130. (SSH)
WSAR MASS, Fall River fair w/rr mx & ID's @ 0150 2/16. (SSH)
WHBC OHIO, Canton good w/DX TEST 0159-0244 on 2/16; test consist-
ed of Polka mx, 1000 cycle tone, & ID's. Nice test, good
copy, my first DX TEST hrd. (SSH)
WLEE VA, Richmond fair u/WHBC DX w/mx, very clear @ 0222 2/16. (SH)
O/u WISM 0344-0351 w/rr mx 1/5. (JR)
- WGSB ILL, Geneva o/u WISM w/C&W mx 0147-0200 s/off, 1/7. (JR)
- 1490 KXRA MINN, Alexandria in w/f/c as per list w/a good signal 0130-
0200 on 2/9 cutting thru the mess nicely. (GHB)
WLDB NJ, Atlantic City xlnt C&W 1 hour before LSS 2/6. (QKB)
KBAB IOWA, Indianola on past listed s/off w/rr 0140 2/14. (RB)
KTOP KAN, Topeka good w/AN request pgm 0155 2/14. (RB)
KLGK MINN, Redwood Falls s/off w/NA 2359 2/14. (RB)
KDRO MO, Sedalia atop w/spot then SID 1837 2/16. (RB)
- 1510 WMEX MASS, Boston fair w/rr mx o/WKBW @ 0523 2/16. (SSH)
WLAC TENN, Nashville good w/s/on ID, C&W mx briefly o/WMEX @ 0530
2/16. New state. (SSH)
- 1530 KFEK CALIF, Sacramento presumed to be the one w/rel 0340 2/9. (FW)

- *****
- 1550 KKHI CALIF, San Francisco; amazed to get this unnn one @ 0153, with KKJO WOKJ & WAAY all on. Well atop w/KKHI Calendar, then nx. KKJO s/off atop 0200 2/8. (FW)
- ???? Someone gave an ET-TT ID here 0206 2/12, but missed it - announcer had a deep voice, that rules out G. Fox. (FW)
- WIRV KY, Irvine in well doing ET @ 0300 2/7. (TJY)
- WMOO ALA, Mobile tentatively hrd w/soul mx 1803, s/off 1815. (JJ)
- WKBA VA, Vinton 2/10 w/sign off @ 1800. (JJ) Very good w/ET-rr 0112-0221 2/7. Their regular format is C&W. (BR)
- WIRV KY, Irvine good testing w/tt-mx 0235-0310 2/7; tone is at end of test; this must be their f/c. (BR)
- 1560 WYSE FLA, Inverness announcing a DX TEST for NRC (thought this was supposed to be last year); used C&W and off @ 0501, 2/16; CE was the announcer. (RB)
- 1570 CHLO ONT, St Thomas s/on of RS 0001 2/13 w/sound effect SID, then statement by PD; I assume the CHLO DX will be on 1570 not listed 680, fair signal nites since. (RB)
- XERF MEX, Cd Acuna 2/9 @ 0149 w/religious pgms, ID 0200, very good. If anyone thinks this one is easy, try it w/CKLM beamed right down your throat. (JJ) Amen. - MD
- 1580 WPUV VA, Pulaski hrd 2/10 0015-0030 w/f/c-tt per list, strong. (KL)
- WNJH NJ, Hammonton; this 1kw-D1 stn testing w/alternating TT for 10 seconds & ID's form 0002 tune-in til 0015 s/off 2/13. (TD)
- In w/their f/c as per list w/1kw thru the soup 2/13 0000-0015, that makes state #32. (GHB)
- KWNT IOWA, Davenport w/C&W mx 1754-1800 s/off 1/7. (JR)
- WPAC NY, Patchogue good w/ID @ 0230 followed by C&W mx on test 1/26. (JR) (JR)*
- WEND PA, Ebensburg poor u/WPAC w/march mx on test 0230-0240 1/26.*

CONTRIBUTORS:

- (QKB) Quentin K. Brown - 59 Kenilworth St - Ottawa 3, Ontario, Canada
- (RB) Russ Brown - 4100 Lake Shore Dr - St Joseph, Michigan 49085
- (GHB) George Bryson - 8762 Hosmer - Detroit, Michigan 48214
- (TD) Tim Davidson - 207 Winchester Rd, Apt 105 - Akron, Ohio 44313
- (DE) David Egan - 12a Andrew - Valleyfield, Quebec, Canada
- (SSH) Stephen Howe - 16 Windsor Rd - Great Neck, New York 11021
- (JJ) Jim Jankowski - Box 45 - Corfu, New York 14036
- (KL) Ken Lyon - 9415 Goodrich Rd - Clarence Center, New York 14032
- (BR) Bill Ritzel - 1833 Dunmere Rd - Baltimore, Maryland 21222
- (JR) Jerry Robertson - 6065 Gardner Line - Crosswell, Michigan 48422
- (FW) Frank Waldron - 65 Lakeridge Dr - Matawan, New Jersey 07747
- (TJY) Thomas J. Yingling - 221 Pinewood Rd - Baltimore, Maryland 21222

EAST COAST DX FORUM

Quentin K. Brown - 59 Kenilworth St - Ottawa 3, Ontario

Hi! LMA: Your 620 stn is probably CFCL in Timmons, Ont. FJP: A good 4th rule would be the acquisition of a tape recorder. A quick ID in the mess can be verified with a tape recorder. Also useful for sign offs etc. Veries: v/q WFIR WVAB (not for their DX. I got tired of waiting and logged them at SS and got a quick reply.) v/l WBAA WKKE WKND-DX. Also WSPR v/q. CJOC in well last mn but still no definite ID from CKDA yet. Only a weak MoR u/CHSC. My 1 foot sq loop just can't bring em in. Marc: what capacitor value should I use so that my 6 ft sq loop will go as high as at least 1220. At present with a 365pf cap it reaches 880kc only. Other veries CBT & CBLI. 73. (Your capacitance is too high, Quentin. Take off at least 1 turn and that should allow it to tune higher. This per Admiral Nelson. - MD)

Jim Jankowski - Box 45 - Corfu, New York 14036

Hi! 2/16 (MM) showed some good openings to the west with KNBR KFI & KNX heard above normal strength (KNBR surprised me; haven't heard them since November, and they were strong, too). The varies have been rolling in with the latest being: v/c WGY WNYC; v/q CFCO KNX WIQT WSPA (a new state); v/l KCII WTON WHHO; v/f CKEY (for 4/5/69 rpt; who says they don't verify?) WHK. Is WNOE owned by the James A. Noe Co who owns KNOE? Was KFRE on? (Yes. - MD) Even with the good openings I couldn't hear them! Also, does KIXZ verify? Heard their ET 2/16. To those who have written to me: I am way behind in my correspondence and it will take a little while to get back to normal. Be patient! Tnx.

David Egan - 12a Andrew - Valleyfield, Quebec, Canada

Greetings. This is my first report to the IRCA. Introduction: I'm 15½, have been DXing for about 2 years, with the following totals: 647/240, 44/34 states, 10/9 provinces, 85/7 foreign. My flimsy foreign count will improve hopefully, as I send out more reports. Having received over 45 varies since 1/1/70, I won't go into any detail, but some of the better ones: WMDD-1480 KNX KEX KFAB v/q, KOFI WJWL CKBI CJVI & CFCY v/l. I lack a verie from Alberta, does CJOC verify? How about CHED? One of my best catches in 1969 was that of KIMN on MM 6/16. So far this year, I'd say my best were HJBI-840 and 4VEH-830. Any members who wish to correspond with yours truly are invited. So much for me...73 (Welcome to IRCA & to DXF, David! - MD)

Thomas J. Yingling - 221 Pinewood Rd - Baltimore, Md. 21222

Hi. I just renewed my membership & I think I should reintroduce myself. I am 20, single, & belong to IRCA, NNRC. I use a Lafayette HA-600, with an IRCA loop antenna. So far I heard 35 states, with 29 verified. My varies total about 140; the best ones to me are: WGEZ & KNX. Varies: WGEZ WTTB WJAY WINS KLRA WASA WFTR. WEZY WTTI WLMD. Anyone who heard KXRB, did they QSL yet? I got my copy of Principles of BCB DX, it helps a lot in understanding the hobby of DX. My newest IRCA friend in Baltimore is Bill Ritzel - thanks for the tip on f/c's. Welcome to the club, all new members, and 73's for now.

Raymond Arruda - 6 Wilbur Ave - No. Dartmouth, Mass. 02747

Renewal time is around the corner again. This March will make 3 years in IRCA for me, I think. To date I have 41 states and 7 provinces verified. I have DXed very little in the past month because of time limitation and just not being able to keep my eyes open long enough on Monday Mornings. I logged WTBY using their new calls and also CJLR-1060. Received a v/l from WNTN and totals are now 711/273. A certificate from Electronics Illustrated was received here this past week for stateside special 25 States and Provinces Award. When I get around to it I'll compile a list of 40 states to apply for the Popular Electronics Award. 73 Good DX.

George Bryson, WPE8KNS - 8762 Hosmer - Detroit, Michigan 48214

First of all I would like to say congrats to JEP for his 3LO catch - see it can be done. I thank all supporters of Detroit in '70. The Michigan members and the Toledo co-hosts will try to make it the best yet. Latest varies are: WJJD CKWW KRLD WINS WLW WKNR WGY WPLB WGHN WHK (finally), and a CHLO-1570 test on Feb 22 & March 1 0000-0200 EST with 10kw. DX has been good here so I'm not ripping out my hair to the little frustrations in DXing. A thousand curses on electrical noise! The low band here is choked with noise from street lights. CKLW sent me \$166.30 to buy two Lafayette Dyna-Com Radios because I won on their Christmas Wish. That almost makes it worthwhile not being able to hear anything else on 800! Till next time, 73 & Detroit in '70!

Robert Friedrich, 163-35 19th Ave., Whitestone, N.Y. 11357

DX isn't going too good; latest catches are: WDVA WIRK WQOK & XEG. V/q CHNS WQOK (state #31 verified). Congrats to PM on WGLI catch - ig I get them in NYC I'M lucky. KSL is more local than they are. Thanks for using my idea Lynn by putting name and location after DXR catches. Just became a new member of the NNRC CPC. Hope to get an answer from WHHY on the test I requested. Hope to get on the IRCA CPC - just wrote a letter to Mike Northam on getting on the IRCA CPC. If anyone has been on the CPC or has arranged tests with stations, how 'bout giving me some ideas on what to say. Also when I send out a tape to a BCB station, how long should the tape be, and should I have only the station ID on it or shoul I have the DJ talking? My fifteen lines are up so 73's. What does v/r mean? (Tapes can run anywhere from 5 to 15 minutes, Bob; v/r is a verification statement written on the DXer's report & returned to him. - MD)

Jerry Robertson - 6065 Gardner Line - Crosswell, Mich. 48422

Hi. Some answers to some old questions- DLO: Your unid on 1260 is likely KCCB in Corning, Ark. CW: Your soul stn on 1250 is likely KALO in Little Rock, Ark. PM: KCAD is C&W. Latest veries: v/q KSO-1460 WIBA-1310 WMEX-1510 WJIM-1240 WOAI-1200 WOI-640 KRSI-950 WGN-720 CBL-740 WBBM-780 WJR-760 WNAE-1310 WJW-850 WLW-700 WBAL-1090; v/c WPHB-1260 WOR-710 KVOO-1170 CJIC-1050; v/f WHHO-1320 CKCY-920; v/l KWPC-860 (w/CM for test) CKX-1150 WSBT-960 WPAQ-740 WIXE-1190 WKAR-870.

Tim Davidson - 207 Winchester Rd, Apt 105 - Akron, Ohio 44313

Hi! I recently (last week) joined the IRCA, and thought an intro is in the offing. I am 21, and have been DXing off & on (truly a "casual" hobby) since late 1962. My first rx was a Halli S-120, but since 1965 I've used an SX-110. Antenna up till Oct was a longwire, but now I use a 5-sided loop. Totals: 1185/438 (Now you see what I mean "casual")...with about 85-90% return (overall) for veries. States: 45/42. I have been so off & on re DXing I haven't even hrd KORL! Collecting coverage maps is a secondary hobby, and I have about 300 plus, with a bundle of traders. CMers, pse write! Upon occasion, I will write SW stations for QSLs (81/65 countries) when BCB DXing is slow. I'm a junior at Akron Univ majoring in Elementary Education. My wife teaches 4th grade. I'd very much like to correspond with someone and would like to exchange tapes (any size, 3&3/4 or 7 1/2 ips) of local stations from time to time. At this time I am waiting on an application and audition for a part-time position at WCUE (1150kc Cuyahoga Falls, Akron's largest suburb).....an up-tempo MoR str. Previous jobs have included Firestone Tire and Rubber Co.(office), a store clerk, 2 college and 4 commercial stations (what diversity, hi, hi!). DX of late: none. Rx in the shop to be recalibrated & tuned. It's coming back tomorrow (2/11). Veries: v/q finally WVAB-DX; v/f WGGH WTTI-DX; v/r WIXZ; v/note (memo) WAUK. I'm also a NRC member. 73's. (Welcome to IRCA, Tim! Yes, we have a line limit for Forum rpts - 15 lines. - MD)

Frank Waldron - 65 Lakeridge Dr - Matawan, N.J. 07747

Ever notice that one bit of pure rubbish isn't too annoying, but after a while it starts accumulating and then becomes a first-class nuisance? V/q WKNR-1310 CJTT-1230 CJKL-560. V/f St Pierre-1375. V/l WBBO-780 BBC-881 KSOO-1140 (state 45) HIJC-1560. V/f CKWX-1130 (note, TM). CX have been alot better than last season's; there've been fewer loggings here but many of them are goodies. There's been no time at all for DX this past week, as we have been doing air reconaissance over New Jersey hunting out possible portable tower setups. We discovered one in Lodi spewing forth strange noises around 750-790kc; seemed to relay Australia as had ABC nx. What do you make of this, Stan?

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

DEADLINE: Friday, eight days before publication date of Saturday

- 660 KOZN NEB, Omaha in poor 2/8 0759 w/religious programming. (JZ)
 690 CBU BC, Vancouver under the Cuban w/CBC News 2/10 0300. (JZ)
 880**WRRZ**NC, Clinton hrd w/ET 2/12 0125. (RH)
 900**WMOP**FLA, Ocala hrd w/ET 2/11 0222 o/CHML. (RH) / (DR)
 910 KGLC OKLA, Miami logged for rpt 2/11 2005 w/end of NX from Okla. News Network.
 KPOF COLO, Denver presumably the one here on 2/12 w/NX 1925 w/frequent mention
 of Denver and Colorado area. (DR)
 940 KFRE CAL, Fresno fairly good at times but mostly u/KHOS on IRCA DX 2/16. (BN)
 950 WSPA SC, Spartanburg hrd at 0756 w/bkb game 2/10. (MD)
 970**KAKC**OKLA, Tulsa running PoP tests for most of AM 2/16. (BN)
 KNEA ARK, Jonesboro w/NX-music 1830 2/8. (GN)
 1140 KSOO SD, Sioux Falls hrd weakly 2/2 0200 s/off. Unneeded. (DR)
 1150**KKLR**ARK, N. Little Rock running TT ID 0528 2/16. (BN)
 1160 WJJD ILL, Chicago hrd 0729 w/country music 2/10. (MD)
 1190 KRDS ARIZ, Tolleson most likely the one in good w/pop mx 2/8 0147. Gave time
 in MST. (JZ)
 KLIF TEX, Dallas logged for rpt 2/8 2200 w/WOWO QRM w/rr mx. F/up sent. (DR)
 1220 KOFO KAN, Ottawa on DX TEST very poor. Hrd one ID 0300; CHSC & XEB QRM.
 After 0300 easily logged (S-7) w/CHSC looped 2/9. (GN) Hrd on PoP 2/9
 0310 ID. (BN)
 CHSC ONT, St. Catherines in fair w/cw mx 2/8 0553. (JZ)
 1260**WNOO**TENN, Chattanooga 1/19 0350 w/ET ID. (RH)
 1270**????**UnID TT heard 0315 2/9; KFJZ wasn't around, was it them? (GN)
 WHIDNY, Niagra Falls 1/24 0230 w/ET ID. (RH)
 KTFI IDAHO, Twin Falls 2/16 0200 w/NX & apparent s/off 0212 w/choral mx.
 State No. 50 logged. (RH) (CONGRATULATIONS! -IDB)
 WTIDVA, Newport News in poor on f/c 2/10. ID at 0118½. (JZ)
 WGBF IND, Evansville in fair w/college basketball 2/4 2226. (JZ)
 1350 KRLC IDAHO, Lewiston hrd w/MoR 2/14 0813 quite weak. (RSH)
 1360 KSCJ IA, Soux City 1/29 0059 s/off. (RH)
 1380 KLIZ MINN, Brainerd 1/29 0101 s/off. (RH)
 1390 ????? ONT, Oshawa 2/7 0300 w/NX. Couldn't catch complete calls. (RH)
 1430 WIL MO, St. Louis in poor w/pop music 2/8 0330. (JZ)
 1440 KDOT ARIZ, Scottsdale s/off 2/7 2015 w/heavy KEWI-KPUR QRM. (DR)
 1450 KOBO CAL, Yuba City hrd 2/11 0606 w/rr, arm chair signal. (RSH)
 1460 KENO NEV, Las Vegas in poor under severe QRM 2/8 0400. (JZ)
 WBUC WVA, Buckhannon probably the one in poor 2/8 0615 w/education on the
 Line. (JZ)
 WCMB PA, Harrisburg in poor at s/on w/SSB 2/8 0630. (JZ)
 1470 KARE KAN, Atchinson hrd on SSS 1/31 1800 w/NBC News. (DR)
 1480 WHBC O, Canton on NNRC TEST w/polka music 0205 2/16. (BN)
 WADRNY, Remsen 1/21 0030 w/ET ID. (RH)
 1490 KBON NEB, Omaha in poor 2/3 0229 w/News. (JZ)
 1550**WIRV**KY, Irvine in fair on ET 2/7 0311. (JZ)
 WAAY ALA, Huntsville in good w/oldies & current hits 2/10 0329. (JZ)
 1580**WEND**PA, Edensburg 1/26 0500 at end of test. (RH)
 WCLS GA, Columbus in good 2/9 0340 w/rr & pop music. (JZ)

REGULAR CHECKS HEARD PER IRCA F/C LIST.1st SAT: WIRV-1550 KY (GN)

WCBY-1240 MICH (GN)

2nd MON: WCAZ (BN)

KXRA (BN)

3rd MON: KUDI (BN)

KVOP (BN)

KLLA (BN)

KOLS (BN)

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 80110 (GN) GARY NUTHALS - 1155 Mather St. - Green Bay, Wisc. 54303 (DR) DAVID ROGERS
 - 703 5th St. - Alva, Okla. 73717 (JZ) JAMES ZIEGLER - 3710 West Orchard St. -
 Milwaukee, Wisc. 53215 (Sorry to crowd the names up, but ran out of room. _IDB)

EDITOR: Lynn D. Brooks - Box 253 - Ponca City, Okla. 74601 DEADLINE: Same as MW-DXR.

H.W. "HANK" WARD - 9617 Panola Way - Houston, Texas 77055

The IRCA membership-at-large observes an imposed 15-line limit per issue. May I therefore question, in the spirit of democratic fair play, the value to the majority and the editorial wisdom of allowing one member the luxury of 2 to 5-plus pages per issue to give us a blow-by-blow detail of DX in southeast Asia. I suggest this has gotten a little out of hand in this instance. Will the governing body please clarify? Thank you. 73's.

GENE MARTIN - 3303 East Evans - Denver, Colorado 80210

Isn't it safe to say that 90% of the club membership is mainly preoccupied with domestic DXing? For this huge majority, the frame of reference should be kept in EST, year-round, for EST is the most readily useful common currency for the North American DXer. It should be kept right across the DST period so that 2300 on April 20 will mean the same hour as 2300 on May 1. If the use of EST as a standard makes IRCA different from WRTVH and other clubs, as Glenn Hauser notes, I would call it a useful difference deserving to be sustained. I don't even keep a list of the domestic stations heard and care for nothing except foreign DX, but it's quite evident that maybe 90% of the membership is heavily-oriented toward domestic DX. The use of EST presents no real problem to us foreign nuts, and I say let the majority enjoy what is clearly the most convenient time standard.

BILL NYTLER - Box 112 - Englewood, Colorado 80110 (HQ-180)

Only verie in Feb. is a QSL & v/1 from HJER-1025. DEE...did you switch to green paper in the 2/7 issue just because I welcomed Ralph Kemper to the blue pages? Mark Robinet, where are you? I thought I was having a lousy season & thought maybe I could coast in with you again this year in the contest! The CPC efforts are always appreciated but once again, I plead with CPC arrangers to schedule a test when it can be heard by the most DXers. I'm not picking on anyone in particular but cases in point are the WIXE-1190, WCPK-1600, & CHLO DXes. They are all on before midnight PST. 0300 EST is the best time to schedule any test normally, particularly on clearer frequencies. I have seen many scheduled tests which would have been possible if scheduled at decent times. CMS: I find your statement about the ANARC losing respect if they fail to repudiate the EP proposal before our board to be your most preposterous one to date! PSL: As one of the founders of the IRCA, I believe in the integrity of our various editors and for that matter, our Board of Directors which is available to act on any cases of flagrant censorship by our editors. I, too, am a past editor & many times edited what I felt were poorly written sentences or items in bad taste. I only recall having been challenged by one DXer in the more than two years I did various editorship work. Do we want EDITORS or TYPISTS? If our editors have no powers then let's call them TYPISTS!!!! 73.

CHUCK WALL - 9566 Williamstown - Dallas, Texas 75230

Hola! My recent veries look like a v/q CKCK v/c KCBS & a nice prog. sked, CM, info on listener surveys (how many per sq. mi., etc.) & of course a v/1 KTOE. Also I recvd a ltr from Mr. Roy Huberty (CE of WLS). He said that WLS is off the 89 beat once a month 0100-0600, for maintenance & antenna impedance measurements. So, there it is! Also, he threw in the envelope (that carried a 55¢ meter tape) a WLS CM, prog. sked, & folders with biographies & pictures of all WLS personalities, such as Chuck Buell & Kris Stevens. It makes for interesting reading. As for my 940 FF reception-according to my CBC log, CBM is only EE. Now, if I hrd CBM, this would seem inconsistent! Please somebody tell what I hrd!! Am starting a collection of radio jingles for the heck of it! Please send me your locals if you have some spare tape. I can take any size reel & speed (including cassette) except 7" at 1 7/8. IDB: Do you know anything about a place called Beaver Bend State Park (approximately 180 mi. from Big D) in SE Okla.? I will be there 3/20-22 with about 60 kids from the SW & MW. (I don't know a thing about it. -IDB) Aloha for now, but not for long....

ROB HARRINGTON -- 3181 South York St. - Englewood, Colo. 80110

I agree 100% with Glenn Hauser of Thailand. It's time for a change, & I feel that GMT time & GMT dates should be used in IRCA. As Glenn says, all other INTERNATIONAL DX CLUBS use GMT, WRTVH uses GMT, so should IRCA. Glenn, please write to me!!!

Cutting out paper dolls is fun! It's even more fun when they're cut from an IRCA Achievement Award! Do you qualify? Write HQ for details.

PAUL S. LOTSOFF - Box 1233 - Tempe, Arizona 85281

George Tanner is very perceptive when he notes that we are heading for another merger attempt. But unlike the two previous attempts, this time we are to be treated to the slow & gradual merger.....The censorship is already so severe that I have even been censored for attempting to protest censorship. KPIN has become the first PSL DX-special which wasn't aired. And it wasn't my fault. Seems that a DXer in.....wrote KPIN a letter requesting that the scheduled time of the test be changed. The station's manager, who had been unaware of the test, saw the letter & decided that no DX-special should be held. Results: The CE got into trouble, & nobody got to hear KPIN..... KMEQ on 3/9. Detroit in 70. Merger. (This report slightly censored in several spots.

DAVID ROGERS - 703 5th St. - Alva, Okla. 73717

-IDB)

Greetings after several months absence from these pages. Well, in another month the IRCA will be celebrating another anniversary. Doesn't seem so long ago when I joined the IRCA (then NRCI) back in April, 1964, hi! College work has prevented much DXing but have still managed to do a little. Reports out recently to: KARE WHBF KDOT KGLC KLIF(f/up) KPOF & KULY. Veries in since last rpt from: WHBF KGNC KIRA(after 10 mos. wait) WAIT KWSU all v/q; v/l+CM KDOT KILT; v/l KMBZ WABF KOPI(said mine was 1st Okla. rpt); pp KANS WHLO. Verie total now stands at 431 verified(I don't count tapes on account of no tape recorder, hi!). IDB: My KMMT verie was on a multicolored card w/ some info on stn printed on it & "your report confirmed" written at the bottom. No v/s, tho. Anybody got a verie from WERT-DX test? 73 & good DX.

JAMES ZIEGLER - 3710 West Orchard St. - Milwaukee, Wisc. 53215

I'll start out with a re-introduction. I'm 18 yrs old & attend school at MATC-Milwaukee Area Technical College. I've been BCB DXing since Nov. 1968. Besides the BCB I also DX SW, hams, utilities, & TV. My BCB totals are stns: 316/200, 37/35 states, 15/6 ctys, & 7/6 prov. I finally logged my first TA thanks to Ray Hartman's tip: WDR-1586. Two weeks ago I purchased a Hammarlund HQ-160. It was a reconditioned model. It is really great. The selectivity is excellent. My latest veries are: v/l WEDC(w/bs & flag decal) KCRB WBRC WPAQ(w/patch) WAAX KHOZ WJAG w/cm & WGEZ. V/c from WHBF & v/q from KOAM KGBS. Received my Prin. of BCB DXing. It is great especially the articles on sending taped rpts & writing reception rpts. 73's. GO BUCKS GO.

GARY NUTHALS - 1155 Mather Street - Green Bay, Wisc. 54303

Recent veries WNOX(not WNOA-PM) CPAC wjoo watk wwab & chsc. All but WATK were v/q. WATK was v/r. Rpts out to WEW KIOA WBOO KOFO WCBY WIRV & WKQX. FCC has rcvd an application for a 1080 kes stn here in G.B. Right now I have 200+ points in the IRCA contest. Tnx to Ray Hartman for the card. TT's were hrd on 1270 1440 & 1560 but I went to bed w/o ID's. 73's. Good DX.

ROGER S. HORIE - CMR Box 1473 - Mtn. Home AFB, Idaho 83648

Greetings. Because of other commitments, DX has suffered. I have however managed to log & report to the many high powered regulars, which up until now has been neglected. Still to be rptd are the Mexicans, & some Canadians. Verie total now stand at 93. Should have no problem reaching the century mark in the next week or two. Veries this past week: v/q KMMX-1460 KPMC-1560 WBEM-780+CM v/p WLAC-1510 v/c KCBS KPAC-1330. I think I'll stay out of the controversial topic now making the rounds in the DXF. Or I might be the one that will get into hot water. Rpts out: KBOW-550 KMMJ-750 KRLC-1350 KOBO-1450 KBMI-1400 KRAM-1340 KFI-640 KGO-810. 73's till next week.

LYNN D. BROOKS - 2109 Mary Street - Ponca City, Okla. 74601

The time zone in which you receive your bulletins is the one which you should use when sending in your reports. One member is getting his bulletins in the MW time zones, yet sends his rpts to the WC section. So please take heed, you know who you are. Had a great time while in L.A., especially my visit to TOYLAND & lengthy visit with DEE. Our publishing headquarters is quite a sight! Also enjoyed phone chats with Jay Murley & Tom McCormack. The IRCA Constitution states "The purpose of the IRCA shall be to promote the hobby of radio listening on the AM Broadcast Band". And any comments made in your DXF rpt that are intended (even remotely) as a slam toward another BCB club or member of this or another club are not promoting the BCB hobby. Thus, I will likely censor any such comments, especially toward those who continually write such garbage. I will try to be as unbiased as possible, but I'm only human & it may show on occasions. If you prefer that "typists" do the various sections of the bulletin, then submit a proposal to the BoD. We will listen to all proposals. I feel that DEE & I both agree on what type statements should be censored & we both will exercise our duties accordingly. I don't know how Marc feels about the subject. 73.

Editor: Don Kaskey, Hotel El Rancho, PO Box 235, West Sacramento, Calif. 95691

Deadline: Thursday evening. Please use EST in all reports.

- *****
- 560 WIND ILL. Chicago, logged 2/8 @ 0522-0533; all Group W radio now logged (DN)
- 610 CKYL ALTA. Peace River, 2/14 @ 0300 news, local wx. Good, KFRC totally lpd (REW)
- 640 ???? UnID. MoR mx & EE anncr u/KFI/CMQ each night since about 2/1. Latest hrd is 0300. Not CBN as they s/off @ 0100 & rest are daytimers. (DOC) ?-ed.
- 650 KYAK ALAS. Anchorage, w/C&W mx @ 0145 2/9 thru 2/12. Still poor sig tho. (PM)
- 660 KFAR ALAS. Fairbanks, w/RR @ 0116 2/9-11&12. Fair sigs. Much better than KYAK however. (PM)
- 680 CHFA ALTA. Edmonton, noted w/FF @ 0055 2/16, u/o KNBR. (PM)
- 690 ???? UnID. XETRA off & unID SS (very weak) & EE stn in poorly 2/16 0505-0520. Much fading of SS mx & what sounded like RR. Another mystery stn hrd 2/22 0419-0450 w/the program "Midnight Country music" or somesuch thing. Way o/XETRA when first noted then gone by 0450 & did not rtn within the next 5 min. Mostly C&W mx. CBU format? (DOC) Dont believe so....ed. (FJP)
- CBU B.C. Vancouver, clearly hrd MM 2/16 0237-0300 w/XETRA having a rare SP///
- 750 KFQD ALAS. Anchorage, excellent sigs 2/9 @ 0110. Also good on 2/10/11/12 about the same time. Still KINY & KFQD are the best Alaskans received here (PM)
- 760 KGU HAW. Honolulu, #5 Hawaii rptd; logged 2/6 @ SRS 0951 (DN)
- 800 KINY ALAS. Juneau, received w/RR on 2/9 & 10 & just about every time I try this winter from 0130 on, normally. (PM)
- CKOK B.C. Penticton, in fair 2/15 w/XELO at 0406 sign off. (DSA)
- CKLW ONT. Windsor, 2/16 @ 0330 w/RR and XFLO off. Sig was clr but weak. (DSA)
- 850 WHDH MASS. Boston, very strong sig on 2/9 @ 0518-0535. First rpt tentative so relogged. (DN) Certainly unusual reception Douglas. 1st time I can recall WHDH reportedly heard on WC. Any QRM from CJJC or KTAC?...ed.
- 860 KTRB CALIF. Modesto, on DX just like a local, hi, @ 0500.10-0558:40 2/22 (DOC)
- 900 C--- UnID. Canadian w/spts (Montreal-Toronto etc) way u/CJVI @ 0200 2/16. Not CKBI as they were off & when they are on they are much stronger. Any Ideas? (PM) Quite likely CHML Pat. They are NSP....ed.
- 920 KSRM ALAS. Soldotna, 2/16 vocal SSB, Alaska's Flag, s/off 0305, quite good; on 2/17 s/off 0337, excellent. (REW)
- **KORK** NEV. Las Vegas, 2/16 from 0410-0430 in TT, voice ID's. Quite good. (REW)
- 930 KSWB ORE. Seaside, ID at 0915 2/11 with much QRM. (WIG)
- 940 KHOS ARIZ. Tucson, in clearly 0535 on 2/16 with C&W music. (DSA)
- KFRE CALIF. Fresno, like a local (at least 30db over S9) on test 2/16 0300-0400. Tuned in 0250. received calls from Detroit, Toronto etc. Really an excellent test to say the least! (PM) Booming in here as usual; on DX MM 2/16 w/frequent announcements 0302. (FJP) in w/DX. Sigs good, but much fading. Sig better 0230-0259 than during test from 0315 to end (DOC)
- ???? UnID. TT hrd u/KFRE test of 2/16 @ 0332. On & off sporadically during KFRE test. Anyone else hear a TT u/KFRE? (DOC)
- 950 KATN IDAHO Boise, News at 0832 with good level on 2/2 (WIG)
- CFAM MAN. Altona, with sports news o/KJR at 0030 on 2/12. (PM)
- ???? UnIDs. Many UnID stns hrd 2/12 at 0045 when CFAM faded but no SS. KJR, CFAM, KIMN, KPRC etal. UnID W call with RR format @ 0055. IDed as "Rx on the go, W---". Heard on 2/12. Ideas? (PM) None helpful Pat....ed.
- 960 KAPL CALIF. Oakland, News at 0115, ID at 0107 on 1/31. (WIG)
- 990 CBUS B.C. 100 Mile House LPRT. Hrd at 0307 on 2/17 over others. (PM)
- 1000 WCFL ILL. Chicago, hrd 2/7 at 0421-0430 w/R&R. Reported. (DN)
- KTOK OKLA. Oklahoma City, presume this is the RR stn u/KOMO @ 0205 2/12 (PM)
- 1010 WINS N.Y. New York, popped thru on 2/7 at 0432 w/ID and news. (DN)
- KD JW TEX. Amarillo, hrd 2/22 from 0610-0627 w/C&W mx & two SIDs w/theme from Marlboro Cfg commercial. Good sigs till 0627 when KOMO & static wiped the signal of KD JW oocout, hi. (DOC) Did the announcers voice sound anything like Rich Coday's?ed.
- 1050 WEN N.Y. New York, rptd 1/17 at 0526-0535; quick v/q (DN)
- 1070 CBA N.B. Moncton, logged 2/2 at 0625-0630 w/NX & WX. #6 province rptd. (DN)
- ???? UnID. Instrumental mx from 0650-0657 then into live ad for a hotel in Ottawa. Poor sigs & mucho fading. CHOK? KNX off, but testing w/TT (DOC)

1110 KFAB NEBR. Omaha, weather at 0736 2/2. Much QRM but good level sig. (WIG)
1150 KSEN MONT. Shelby, hrd atop QRM w/Mont. News, sports, and weather from 1915 on 2/10. Verie received in one week. (PM)

1230**KFJB**IOWA Marshalltown, 2/13 0215-0230 r/c, mixed, quite good at times. (REW)
KQIKORE. Lkeview, in extremely strong on f/c (diff. times than IRCA f/c list mentions). Hrd 2/2 at 0328 to 0346 sign off. (DSA)

1250 WDVA VA. Danville, hrd 2/7 at 0347-0345 (times correct?-ed) with C&W mx. (DN)
1260 CFRN ALTA. Edmonton, hrd w/mostly instrumental mx on 2/2 from 0218-0303. Fair signal & moderate KYA QRM. CFRN/KYA several times. (DOC)

1390**KHOB**N.MEX. Hobbs, 2/16 0430-0455 new, unlisted f/c with Lee's Summit; ID's in relaxed, country style every 5 minutes and tone. Excellent but un-needed here. f/c is 3rd Monday. (REW)

1400 KWYN ARK. Wynne, 2/12 conducting ET, voice ID's, TT, 0245-0330. Very good, dominating KATI/KSLY. (REW) Good Grief....ed.
KVOPTEX. Plainview, in poorly u/KBMT w/ f/c 2/16 0515-0530 per list. (DSA)

1450**KPAL**CALIF. Palm Springs, I believe my identification of a f/c heard 1/19 from 0300-0310 as KPAL was wrong. Sorry. (REW)
KYET ID. Payette, with brief ID "KYET news man" at 0145 on 2/16. (PM)

KUDIMONT. Great Falls, 2/16 0300-0315 r/c; very good, well over KOBO etc (REW)
KONE NEV. Reno, hrd w/RR 0430-0440 2/2 w/fair sigs, but much fading. DJ, whose program I was listening to, sent very specific v/1 in 2 days. No mention of 250 watts of power though. (DOC)

1490 KRNR ORE. Roseburg, with music 0725 2/8 with fair level & some QRM. (WIG)
1520 KACY CALIF. Port Hueneme, o/KYXI w/RR 2030 on 2/10. Thought it was KOMA, as it normally is. KACY is only hrd 2 or 3 times a year up here. Is it regular around N. Calif., S.F. area, a few hundred miles away DKK? (PM) It mixes with KOMA in evening Pat. Usually dominates at SSS tho. (ed)

1530 WCKY OHIO Cincinnati, presume the UnID w/MoR way under KFBK at 0130 2/15. What does WCKY sound like u/KFBK in West Sacto DKK?hi.(PM) What's a WCKY Pat?....ed.

1540 KBUY TEX. Fort Worth, with news at 0756 2/2 and a good level. (WIG)
1550 KKJO MO. St. Joseph, with an ID at 0915 2/11 thru the QRM (WIG)

1560**WAFI**KY. Williamsburg, 2/14 r/c 0414-0423; definitely did not stay on until 0430, cf. IRCA f/c list. Frequent ID's; booming in, remarkable strength and clarity. (REW)

1560 ???? UnID. ABC NX (ABC Info) at 0800 2/12? Also UnID w/NX at 0755 2/12 on Central states. Quite a bit on Minnesota also commercial on Superway Stores. Anyone help on these? (PM)

1733 ???? UnID. TestingAN 2/16 w/announcements of BYOB & RS target date of 2/22 or 2/23. Is this a bootleg operation, Don? Believed affiliated with ERBA North! (DOC) No chance. Had to be an ERBA South concoction....ed.

CONTRIBUTORS*****

- DSA--Dan S. Adams, 199 Valley View Ave., San Jose, Calif. 95127
- WIG--Wallace I. Glavich, 1208 Gross St., Eureka, Calif. 95501 Rcvr: 51J4 HQ180 HRO50
- DOC--Mike "Doc" Hardester, 401 Birchwood Court, Modesto, Calif. 95350
- PM---Pat Martin, PO Box 149, Warrenton, Ore. 97146
- DN---Douglas Nyholm, 540 Mayfair Ave., So. San Francisco, Calif. 94080
- FJP--Father Jack Pejza, 12096 Ventura Ave., Ojal, Calif. 93023
- REW--Richard E. Wood, Dept. of European Languages, U. of Hawaii, Honolulu 96822

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West Coast DX Forum

Don Erickson - 6059 Essex Street - Riverside, California 92504

For once I even get a report in! How many members would prefer green paper to blue for the bulletin? That is, green to replace what is usually blue. A couple feel it is easier on the eyes. Please write directly to me; not to DXF or other officers. If there is any interest, it will be looked into. Anybody interested in a series of Freq. of the Week type contests, heard basis only, no entry fee, no registration, covering 1 week and with valuable prizes? In a DX get-together in Riverside for the next 3-day holiday, Memorial Day? Please let me know about these three items. 73.

West Coast DX Forum

Editor (temp.): Don Erickson, Attn WCDXF, 6059 Essex Street, Riverside, CA 92504
 Deadline: Thursday, 9 days before date of issue. Please put full address on report.
 These reports were forwarded by Bob Jacoby last week; some are 6 weeks old; why they were held for such a long time isn't known.

Michael B. Northam - P.O. Box 1122 - Lake Grove, Oregon 97034

Greetings group. I imagine my proposal regarding the time used in the DXM will elicit some comment, and so I'll put forth a few reasons that I feel support the proposal. (In case you don't recall it, the proposal advocated changing from EST to Eastern Local Time in the bull.) The standard of using EST in BCB bull's has a long history--perhaps dating back to the 1930's. That was before DST became prevalent. In fact, it has been in the last few years that DST became practically universally used in the U.S. Continuing to use EST while virtually every radio station (and DXer is on Daylight time leads to confusion. Listings of schedules, f/c's, etc. all have to be adjusted, and reports to the bull. are consequently often in error--one is never sure whether the reporter is using EST or EDT (and even when he states that he is using EST, an error in converting to that time often occurs). It has been my experience that it takes at least a month after DST goes into effect before the DXer is able to reliably convert times into EST. The same confusion reigns each fall when standard time is reinstated. Even the FCC has recognized the problem and has now changed from ST to LT in its PSA spec's. I think the time to change has come, and that we shouldn't let tradition blind us into a system that is confusing and error-prone. 73.

Richard E. Wood - Dept. of Euro. Languages - U. of Hawaii - Honolulu, HI 96822

Conditions have been outstanding lately, swing around between different areas and spotlighting, in turn, Alaska, the East Coast, the West Indies, or perhaps the South Pacific. Speaking of the latter, Gilbert & Ellice-844 with its new 2 kw (sounds like more) is very consistent here now and a good beacon to Pacific cx. Veries are in from KSEI-930 first from Hawaii, KOFY-1050 most distant, KPQ-560, KWSU-1250, CJYR-970, KURY-910 first from Hawaii, KLOK-1170, KEDO-1400, KHOW-630, KIRT-1580 most distant & first from outside N. America, KREX-920, CKPG-550 most distant verifiable report, KOWB-1290, CKYL-610, KBNR-1350 first from Hawaii, CFAC-960, KLAR-1300 most distant. Lots of reports out: KAST-1370, KNUI-1310, KVLV-1240, KSIX-1230, KELE-1470, KAGO-1150, CHWK-1270, KMFB-1300, KOGO-600, CBJ-1580, KJEF-1290, KBRR-1230, KYOK-1590, KROW-1460, WJAG-780, KOYN-910, KDEO-910, CFCF-1440, KWG-1230, KEEE-1230, KGCX-1480, CKRM-980, KPAL-1450, KLRA-1010, KBIG-740, KCMC-740, KOLS-1570, KSET-1340. KCMJ-1010 Test not hrd.

Patrick Martin - P. O. Box 149 - Warrenton, Oregon 97146

Hi everyone. A report on the KAST test. Most reported a strong signal from their area, so it looks like KAST's signal was really getting out. The CE that was present (Ken Edwards) kept the tx & Audio Pilot at 95%. So they were putting out more like 1100w than 1kw. Chris Crockett was the DJ. Good DX in '70. 73. (Rpt dated 1/5/70)

Matthew Wall - 25776 Walker St. - San Bernardino, CA 92404

Hello fellows. It has been quite a while since I have written. Recent veries: KXRB, KRKD, KSTN, KHOS, KFRE, KTHT, KBOI and KLOK, all v/1. KMOX, WBBM, KWJJ, KGB, WSB, KEZY, KIRO, XERB and KFBK, all v/q. Have many others on the way. 73's for now.

Bradford Wall - 25776 Walker St. - San Bernardino, CA 92404

Well, gang, long time no see. Just completed basic training for the Navy and am now on my way to Newport, R.I. I hope to do some heavy DXing while there. Maybe I can find some time to visit some of the east coast members. No time to DX here due to constant hassle. Brother Matt (WPE6HBI) keeps me posted on current club happenings. DX contest points have been at a virtual standstill for a while. Hope to improve them. 73's for now and good DX to all.

Fred Jordt - 398 Chestnut St. - Nanaimo, B. C. CANADA

Greetings members; thought I'd better sit down and report in. Lots of activity here in the way of DX. Veires in from KBFW-930, KGDN-630, KTFI-1270, KINY-800, KKHI-1550, CHQT-1110 f/up for incorrect rpt. Reports out to XETRA, KEEN, CKXR, CKYL, and KXL. What happened to XETRA? It's been 6 wks since I sent them a ltr. Totals 322/104 for 20 states, 4 prov's, 2 countries. I may be in the market for a new rx in the near future. Anyone have any ideas on a good, or the best, buy? 73's for now.

West Coast DX Forum

Richard E. Wood - Dept. of Euro. Languages - U. of Hawaii - Honolulu, HI 96822
 Latest veries in the "in" tray are KTIL-1590, KCBC-1390, WDWS-1400, KTNT-1400 first from Hawaii, KVIP-540, which seemed very surprised to get a report from so far so soon after reactivation; had been off the air for a year; used to be C&W, now, of course, all religious; quite a contrast, as the manager himself said. Also KAZA-1290 most distant rpt, KATR-1320 likewise, featured my report on air, KPLY-1240, which replied immediately and very pleasantly to my totally new report. This demonstrates that, if you can hear a station again, it is far better to send a totally new report - making no reference to any previous unanswered reports - than to send f/ups. Then KVLFF-1240, first from Hawaii, KWAC-1490 likewise, WHIS-1440 for my much wanted 37th state, most distant report, and, even better, was on 500w during the r/c I heard, KALO-1250, WTOC-1290, most distant report on RS; RS is now NSP, by the way, so this should be an easy Ga. logging for many in the West, WPUV-1580 first from Hawaii but beaten by Australia (some stns speak of rpts from Australia but I suspect they sometimes really mean New Zealand), KTEL-1490, says my report is first DX report in a long time, since they stopped r/c'ing. Cx to NA have slackened off and only reports out are to KFJB-1230, WAFI-1560, KORK-920.

Mike "DOC" Hardester - 401 Birchwood Court - Modesto, California 95350
 "They said it couldn't be done, but" DMK has done it. I wonder just how many DXers have sent rpts to WSJC-810 w/o any answer and then Dave calls them & they're as nice as a bunch of sleeping babes, hi. If you can get them to test & verify, GREAT! A problem has recently come to my attn: many of my original rpts (to stns), as of late, are not getting there! Several f/ups lately have been answered w/QSLs and statements that my orig. rpts were never received. POs fault or what? Is this happening to any other DXers? Latest such stn replying as such was WFGW-1010 who verified my f/up. I would prefer EST in DXM, but let's see what the rest of the members have to say. I, for one, would like to see more prepared postcards for purchase by members and not the discontinuance of them! (The club has authorized their printing, without club emblem, but not the financial backing. If enough want them, they could still be purchased; this is unlikely judging by past sales. -DEE) PRK: UnID TT hrd from 0417-0432 during KASL test. Vry strong, possibly KROY? If it was o/KASL, then doubt KROY. DGC: Hang in there for KSTP. It has fades of up to 10 min. long here, but Darling Dolly always returns, yeech. By the way, DGC, did you know that KSTP would have CST TCs? Is that your unID at 0418 on 1/4? MW CX are poor, but SW CX are good. 73.

WORLD TIME CHART Mike "DOC" Hardester includes this note with DXF rpt: "Manufacturers: Hanover Trust Co., 350 Park Ave., New York, NY 10022 publishes the WORLD TIME CHART which lists over 100 countries in the world and the difference in time between New York City (ELT) and the country listed. Once while EST is being and once while EDT is being observed (twice a year). There is no cost but I would suggest asking for only 1 copy at a time and not using club stationery when requesting the list.

Jon E. Pearkins, Jr. - 6137 Service Street - Burnaby 1, B. C. CANADA
 Hi! DX has been a little meagre here as of late. St. Valentine's day was most interesting, however. The evening was spent at UBC at a lecture by Dr. George Davidson (CBC pres.) on the topic, "Do Canadians Really Love the CBC?" and, afterwards, at the UBC Campus Radio stn, CYVR (yes, gang, the calls are assigned to Canada), where a friend and I were let loose in a production studio (worth \$7000) and main air studio (\$12000). We were able to produce two commercials for our school's film society in 10 minutes. There were also two talk booths and a large talk studio, all acoustically soundproof (double glass windows, thick doors, et al). What I am trying to say is that they have more and better facilities than CJOR. The CYVR washroom is bigger than the main (and only) studio at CKSF, Simon Fraser U., here in Burnaby, where I have been "serving time" as of late. Hopefully, some DX news in the next DXF here. B. C. in '70!!! 73.

WC DXF guidelines: Please put your full name, address, and ZIP on your report, pref. in 1-line style as above format to make centering simpler. While double-spacing is traditional and preferable, it is not mandatory. Reports should be addressed: WC DXF, Don Erickson, 6059 Essex St., Riverside, CA 92504. -DEE

West Coast DX ForumDouglas Nyholm - 540 Mayfair Ave. - So. San Francisco, CA 94080

Hi all! It's been very good DX lately, especially for cross country listening. Recent veries include WIND-560 and WINS-1010. With those two I now have all Group W Radio verified. I had been trying for those 2 for a long time and when I logged them, it was on two consecutive days. Others veries include CBA-1070 (province 6), and CFRB-1010; KRNY-1460; WRR-1310; WHN-1050. My one and only Va. was a surprise to me and the station, WDVA-1250 Danville. They sent a v/q, a pc, and a letter which said that at the time I received them, they were beaming due east. Reports are out to about 30 new California which I shall not take time to list. I'd like to have all of Calif. logged which won't be easy. Others reports are to: KMED-1440; KLIX-1310; KLO-1430; WCFL-1000; CKLG-730; CJVI-900. That's it for now and good DX to all.

ANNIVERSARY ISSUE The 6th IRCA Anniversary Issue will be dated March 14, 1970, two weeks away. Deadline for reports is nominally Thursday, March 5. However, for WC DXF, those received a bit later may be used. Please indicate ANN. ISSUE on the envelope and report if you want a report held until that issue. -DEE

Gary D. DeBock - 602 4th Street S.W. - Puyallup, Wash. 98371

Hi DXers. Listeners should have had a DX Bonanza last MM 2/23 because there was no school to worry about. I have finally managed to squeeze some foreign DX out of my primitive 4-tube rx: HJAI as mentioned previously and CMKP-670 which wasn't much stronger. Recent veries: KPQ WHAM WABC WGN. I definitely need a better rx--as of now I can only grit my teeth in envy when local guys like BP get VSZ-1 and WVUV or whatever. Well, at least I still have my Japanese DX veries to console me. I have written one of my old buddies in Osaka asking for Japanese SCs--if he sends me any, I'll send a few to the same IRCAs who got the KSBK SCs. 73.

Bill Lipis - P. O. Box 325 - El Cajon, CA 92022

Looks like the inquisition is starting sooner than I had expected. First, we see a proposal to throw "undesirables" out of our club. Then comes a proposal before the Board which would allow vastly more censorship in DXM by adding III-F-5 to the EP. We're not talking here of damage suits, but of giving editors power to delete everything that they might consider not in the best interest of "ANARC, its member or its policies." We're now talking about censoring any comments regarding a couple thousand members and many, many divergent policies ranging from democratic governments to out and out dictatorships. Can the "banishers" no longer openly face the members' DXF comments about these divergent policies? (Comments derogatory to another radio club deleted. -DEE) I dare say the vast majority of IRCAers don't believe it is "unfortunate" that we have a democratic club. Pick of the week, James Brown, "I'm 'undesirable' and proud." 73.

Dan Sys - 149 W. 26th Ave. - Vancouver 195, B.C. CANADA

Greetings. DX is slow here, totals up to 280/151. Received my 6 prov. award from PRK. Why can't you IRCA people get together instead of bickering and fighting with each other? CKSB finally verified, even though it was half FF & half EE. CFRW is now rr & CHQR-810 will soon be switching to C&W, with different call. For you FM followers, CFMI (CKNW's outlet) still isn't on the air almost 2 yrs after original target date. Anybody need Canadian stamps? Write here for them. That new stn CJAZ from North Vancouver will be completely run by crippled people, format will be MoR days, rr nites. Maybe I'll disable myself and get a job there (hi). SCers write. MOSPORT in '70.

Anthony C. Marks - P. O. Box 521 - La Grande, OR 97850

Last night (2/1/70) while I was dial twisting about 2330 PST, I landed on KLO-1430 Ogden, Utah. It was the Gene Devey Show and he was asking for phone calls, so I called. To my amazement, I got through. Mr. Devey said he has never had a call from this area. Anyway I was so nervous that even though I managed to blurt out that I was "sort of a DXer", the fact that I belonged to the great little club in the world, IRCA, just didn't come out. It was my 1st time, however, and maybe I'll improve with practice. It's unnerving to hear yourself talking on the telephone on the radio for the first time. Anyway, sorry, guys, I failed to give us a well-deserved plug. 73. (It might surprise many, Tony, but during the time I've handled requests for sample DXM's, the publicity on DX programs and phone-in programs, though considerable, has netted one known request for a sample, that from Jay Murley during KGYN Test! -DEE)

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

Well, it looks like my days of DXing are over...for a while that is. It all started 2/20 when I came home from school to find my AXR (aux. rx? -DEE) dead. New batteries didn't accomplish a thing. Anyone ever hear of a transistor radio smelling like it was burning, just before it went dead? My mother claims this is what happened. MM 2/23, I turned on my main rx and was only going to listen for the KFIR test and then hit the sack as I had a trip planned to the mtns in the morning. I left the room for about 5 minutes and when I returned, I found the glass panel, on which the freq's are inscribed, shattered and pieces all over the floor. I can find no broken tubes or anything else broken and so it is only a mystery. Anyway I look at it, I'm assured of many fun-filled hours looking for a replacement panel for a 30-40 year old Freed-Eisemann rx. Hope everyone got a chance to listen for the KTRB-860 test. It was on as scheduled and XEMO was off. I have a complete log, for anyone who doesn't like to send tentative rpts to stns, and will check rpts, but I can't verify your rpt, only tell you if it sounds like KTRB. 73 & hope you can at least DX, hi.

Jay Murley - 1733 Candlestick - Newport Beach, CA 92660

The favorable consumption of spirits enabled a highly tent. logging of a few words of what might have been CFFB-1200. At 0347 EST: "Bureau of Northern", at 0353 "DX", 0354 "P. O. Box (?)", repeated, 0452 "C.B.C.". For Ed Kocsan, Bill Freemont, Mike Guerin, Don Reynolds, Raleigh Biss, and others who left early, the meeting on 2/22 became/degenerated into the organizational cell meeting of a new front organization. I believe a nebulous bulletin will be printed soon enough anyway. But I should add that the lost constitution forbids merger with ERBA!

--Bulletin --Bulletin: Special Delivery Air Mail from Jerry Starr. NRC DX program arranged via Jerry Starr to be conducted on WNIO (see front page) will accept pre-paid phone calls at 216-545-4024. Jerry will be on hand for test.

TOTAL SOLAR ECLIPSE The last total solar eclipse of the century will be Saturday March 7th! Conditions, especially in the area of totality on the eastern seaboard (consult newspaper for areas of totality and exact times--they can provide this information as well as IRCA), will be enhanced. Propagation tests will be conducted on the morning/afternoon and several BCB stations are co-operating. Dave Thomas has provided details of the stations co-operating. The object is to listen one day before the eclipse and again on the day of the eclipse and compare conditions.

WALD Walterboro, South Carolina will be in on eclipse test (add to list in previous issues); They are 1kw on 1060 kc/s and will be on 1320-1335 on both dates (Fri. Mar. 6 and Sat. Mar. 7th) with march music and/or tone for this special test. WPRY in Perry, Ga., 1400 kc/s, will use football march music 1300-1323 both days. Station IDs will be given between each cut; longitude and latitude of tower, height of tower, and power of station will be given. WPRY will answer all reports also. This info from Ira Brown, Gen. Mgr. of WPRY. XEMI-1080 will participate; times unknown. QR, a beacon stn on 1605 will have no modulation but will broadcast the open carrier. Use BFO to copy this. They (QR) will be on for the full duration of the elipse on eclipse day ONLY. Here is a complete summary of the stations participating:

XEMI-1080	QR-1605	WPRY-1400	1300-1323	WGAF-910	1310-1325	ALL TIMES EST!
		WQIZ-810	1318-1333	WALD-1060	1320-1335	

Reports on all stations participating may be sent to: Dave Thomas, P. O. Box 11531, Tampa, Florida 33610. Dave will forward all reports to the stations for subsequent verification. Signers (known) are Klein Breach, VP, WALD; David Cook, Owner, and C. H. Fletcher, CE, WGAF; Clarence Jones, Pres. and Mgr, WQIZ; Mexican signer not readable (by Dave Thomas-DEE).

To enable IRCA to present tentative details on how things went that day (the day of the eclipse), reports to pub. hq (6059 Essex) by letter or phone (714-687-5910 or 714-688-6010, any hour of the day or night you can get an answer) are requested and will be greatly appreciated. All phoned in information will be tape recorded and edited for the following week's DXM.

-Don Erickson, IRCA Publisher

CPC Results KAWL David 'Fish' Fischer sends along results of the KAWL-1370 DX Test on 1/26/70. A letter dated 2/4 from D. L. Johnson, CE, states "After we were all set up, I received a letter from Hawaii pleading for the boys on the West Coast and beyond. Not to confuse the original test, I then agreed to go on again between two and three CST" "...we did get a phone call from Calif." "you will find a list of reports received thus far attached." The following reported KAWL as of 2/4: Dennis Pimper, Clarence Freeman, Calif. (NRC), Dave Bright, Gary Bowers, Mo. (NRC), Terry Jarvis, Richard Eddie, Mo. (NRC), Robert Hostettler, Roger Winsor, Ind. (NRC), Tom McCormack, Bill Wall, Bill Nittler, Richard Wood, Dave Saint, Rob Keeney, and Percy Kesteven.

CPC Results KASL Percy Kesteven phoned in this list of reporters to KASL: Randy Miltier, Robert Hostettler, Robert L. Neal, Jr., Larry Killick, Bill Nittler, Bob Karchevski, Pat Martin, George Tanner, Jim Kobus, Ferndale, Wash. (no club aff.), Greg Zimmerman, Dennis Pimper, Percy Kesteven, Donald J. Kenney, Richard Wood, Jon E. Pearkins, Jr., Marvin Garber, Jr., Rob Keeney, Terry W. Jarvis, Ernie Wesolowski, DOC Hardester, and Roger S. Horie.

--Future CPC Results will contain the full name of IRCA members and the name, location, and club affiliation of those not in IRCA. Any comments on whether these CPC Results are of interest to you? -DEE

Other Radio Clubs There have been requests from time to time for information on radio clubs which specialize in other bands as well as the standard AM BCB. Here are some of those clubs: (AM-FM-TV) Radio Listeners of America, Ken Hopkins, Pres., P. O. Box 2162, Tallahassee, Florida 32304. Sample 25¢. (All band, no card/tape swap) American SWL Club, Stewart Mac Kenzie, Exec. Editor, 16182 Ballad Lane, Huntington Beach, Calif. 92647. Sample 50¢ first class mail. (All band incl. card/tape swap) Newark News Radio Club, 215 Market St., Newark, New Jersey 07101. Sample 25¢. (SWBC only) North American Shortwave Association, Bill Eddings, Exec. Editor, P. O. Box 989, Altoona, Pennsylvania 16603. Samples 25¢. RLA is approx. 1 1/2 yrs old; NASWA about 9, ASWLC 11, and NNRC is in her forties!

FIVE YEARS AGO IN DX MONITOR Vol. 2, #22 was published in Denver, Colo. on 2/23/65. New members included Robert Jacoby, Larry Colton, Rick Evans, and Gary Franklin. DX Specials included KTMS-1250 and KTHT-790 for IRCA; CFGP-1440, and VOCM-590, for NNRC; KKAR-1220 for NRC; and a series from bootlegger KAOS-880 San Jose, Calif. for NASA. "Formula's" (a combination DXF-DXR rpt per the format in those days) came from Gray Scrimgeour, then in La Jolla, Calif., reporting NHK on 1070, 1150, and 1220; Wayne Coombs, Jr., then Bountiful, Utah., rptg veries from WAGL, KPGE, KROE, KPRK, KWSL, and KISN; Randy Seaver rptg countries 34 & 35, Peru and Ecuador; John C. Johnson, joining the Navy; Ernie Wesolowski rptg KAPT-1220 and WENG-1530 DX pgms; Bill Lipis reporting KFMB will change to 760 on 5/1/65; and George Kelley wondering how to stay out of the draft....DXWW included rpts of reception of HCRM1 Radio Musical, Quito, by Bill Nittler and Dallas John; YND-675 by Randy Seaver; WKVM-810 by RJS; and Radio Veronica-1562 by Ed Krejny. (Do you want to see '5 yrs ago' continued as an irregular feature? If so, drop a line to pub hdq. -DEE)

SHORTWAVE VOICES OF THE WORLD Written by Richard Wood, this book was reviewed by Tom Sundstrom in his "Information Please!" column in the NNRC bulletin. Tom notes, "...Non-technical, it won't confuse even the beginning listener. Though oriented toward SWBC stations, much of the information applies to ham-band and the foreign BCB DXer." SHORTWAVE VOICES OF THE WORLD sells for \$3.95 in soft cover or \$6.35 in hard cover + 50¢ postage and handling. NJ residents add 3% sales tax. Order from Gilfer Associates, Inc., P. O. Box 239, Park Ridge, N.J. 07656. Ask for free catalog of SWL publications/equipment. -courtesy NNRC

ADDRESS CHANGES & DUES Lots of money has been coming into pub. hdq., much of which is intended for Pres. Mike Northam at P. O. Box 1122, Lake Grove, Oregon 97034. I'll be happy to forward the money received if you want to wait an extra couple of weeks each time! Better yet, why not mail direct? Dues are \$9.50 first class mail, \$6.50 third class mail, \$14 air mail. Address changes should always go to Mike also; he handles all updating of address records. -DEE at Pub hdq.

THE SHIELDED FERRITE LOOP: PRINCIPLES AND PRACTICE.

Written for the IRCA by J. (Joe) A. Worcester, R. D. 1,
Frankfort, New York 13340.

GENERAL CONSIDERATIONS.

The use of a loop on the standard broadcast band is what you might call "playing it smart". This band is characterized as noise limited. In other words, with a standard inverted L antenna, the external noise pick-up is much too great to permit the full utilization of the sensitivity capabilities of the receiver.

The extent to which the external noise exceeds the locally generated noise of the receiver is surprising. The usual inverted L antenna can easily have an effective height of several meters, yet a full size transistor portable has an effective height of only $\frac{1}{2}$ centimeter and a 2 foot flat loop about 2 centimeters. The loss of signal pick-up, then, when using a loop is of the order of 100 times, yet the effective station-getting ability is actually better with the loop, indicating that the external noise pick-up is many hundred times greater than the receiver noise.

Theoretically a loop responds only to the magnetic field while locally generated external noise is concentrated in the electric field to which the long wire antenna responds. In practice, however, an air loop still has considerable capacitance to space (electric field pick-up) which attracts considerable local noise and militates against a perfect null for local station rejection. If a 2 foot loop is bad in this respect, a 4 foot loop is worse and seems to be heading back in the direction of the long wire which is the wrong way to go.

Now if we reduce in size the 2 foot loop to a ferrite rod say 12" long and 1" in diameter, we have achieved a tremendous reduction in capacitance to space, since this is proportional to the size, and reduced further the noise pick-up and nulling imperfections. However, in a noisy location, if a faraday shield is placed over the ferrite loop, the resulting noise reduction can only be described as startling. If an unshielded ferrite loop is that imperfect, consider the plight of the 2 foot and larger air loops. With a shielded ferrite loop of the type to be described, there is no response to the electric field, the full signal-to-noise capabilities of the receiver can be utilized and perfect nulling is achieved. Perhaps now is the time to consider the modus operandi of the ferrite loop.

FERRITE LOOP THEORY.

Literature on ferrite loop operation is scanty and hard to comprehend because the formulas contain some variables that are not independent. In this treatment, we will avoid the formulas, except to point out that the voltage generated across the loop terminals is proportional to three factors - (1) the flux ϕ , (2) the number of turns, N , and (3) the quality factor, Q .

The only major difference between the air loop and the ferrite loop is in the treatment of the first factor, the flux, ϕ . In the case of the air loop, it is simply the flux flowing through the cross-section of the loop and accordingly ϕ is proportional to the cross sectional area in the case of the box loop and the average cross sectional area in the case of a flat loop.

Now let us consider the ferrite loop. First we will assume a rod having infinite permeability (no reluctance to the flow of flux) and, further, in order to avoid being buried in geometry, take a somewhat naive approach which, however, faithfully describes the basic situation.

THE SHIELDED FERRITE LOOP: PRINCIPLES AND PRACTICE.FERRITE LOOP THEORY. (continued)

Take a look at Figure 1. What we are trying to do is determine the maximum flux field that is available to the ferrite rod. A flux line has two choices: it can continue as a straight line as it did before the ferrite rod appeared or it can deviate into the ferrite rod, pass through it and then re-establish its original trajectory. Obviously, it will select the path of least flux resistance. For a line close to the rod, it would prefer to take the short air path to the rod, travel through the rod of assumed perfect flux conductivity and return, rather than to maintain its normal flow which would require a much longer air travel equal to the length of the rod.

However, a line further away such as the one we have dimensioned has a more difficult choice since the lengths of the two paths both equal L (the rod length). This then determines the outer boundary of the available flux field. Flux lines farther away will prefer to continue their undeviated path. If the rod were longer, the critical $L/2$ path would be longer and it would attract more flux; if shorter, less. We can see now that while the flux picked up by an air loop is determined by its cross-sectional area, the flux picked up by a ferrite rod is proportional to its length. If this is not clear, please re-read as it is an important point to grasp.

To continue with our theory but to become a bit more practical, we will throw out our rod of assumed infinite permeability and substitute one that the facts of life dictate. The only way this will change the picture, just described, is this: instead of our rod collecting all of the available flux field (AFF) it will collect only a part of it. What we now want to do is to determine the rod diameter that will provide a "match" to the environment and absorb one-half the AFF.

Figure 1 showed a side view of the situation. Figure 2 indicates the picture if we look at the end of the rod. The inner circle shows the ferrite rod with diameter, D . The outer circle represents the outer boundary of the AFF and this has a diameter equal to the length of the rod. This should be clear from the discussion of Figure 1. If it is not clear, we have lost you; please re-read.

Now we said previously we wanted to match the ferrite rod to the flux field so that half of the AFF will flow in the rod and half continue undisturbed. This means that the reluctance of the ferrite rod and the reluctance of the ferrite rod and the reluctance of the air sheath represented by the AFF should be the same. In this way, equal flux division will be obtained in the manner of two parallel connected equal resistors. Of course, we would like to capture more than half the AFF if possible, but to do this would require a still larger diameter and the cost would increase alarmingly.

The toroidal permeability of the rod is a measure of how freely the flux will flow through the rod as compared to its flow through the air when the rod is removed. To state it somewhat differently, if the permeability is 100, the same flux will flow in the rod as in an air sheath 100 times the cross-sectional area of the rod. Obviously, then, to obtain a matched condition, the cross-sectional area of air sheath divided by the cross-sectional area of the rod should be μ_0 , the toroidal permeability of the material. To convert to diameters, the diameter of the air sheath is L (the rod length) as we showed previously so now, $L/D = \sqrt{\mu_0}$ for the matched condition.

THE SHIELDED FERRITE LOOP: PRINCIPLES AND PRACTICE.

PRACTICAL ANTENNA FERRITES.

We are now in a position to consider practical ferrite materials available for antenna rod use. Since the early 1950's, one material has dominated the antenna field since it had the highest $\mu_0 Q$ product. Since these two factors, along with the number of turns, determine the developed voltage, the importance of as high a $\mu_0 Q$ product as possible is obvious. This material was originally called Q-body and can generally be identified by the presence of two, closely spaced, indented lines running the length of the core. I believe it is now called Ferramic Q1 and has a μ_0 of about 125. The L/D ratio for a matched condition is then the square root of 125 which equals 11.2.

FERRITES vs AIR LOOP.

We can approximate the above relation with a 12" rod, 1" in diameter. However, how will this compare with, say, a 2 foot flat loop as far as signal pickup is concerned... To begin with, we can say it will be down in flux pickup to half that of a one foot box air loop since the air loop utilizes all the flux entering its cross-section and the ferrite loop captures only half. Since a two foot flat loop has an average length of about 17.5 inches, on an area basis the ferrite loop is down by an additional factor of .48. This means that the ferrite loop has only .24 the pick-up of the flat loop, right? - Wrong! It is wrong because only the flux factor has been considered.

NUMBER OF TURNS COMPARISON.

The ferrite loop will have approximately 1.4 times the number of turns of the 2 foot air loop just because of the different winding configuration. In addition, there will be a further increase in turns due to the much lower distributed capacitance. The C_D of the ferrite loop will be less than 5 mmf, while that of the air loop will be about 30 mmf. To convert this to turns, we need to determine the total minimum capacitance in each case. For the ferrite loop, we have 5 mmf in the coil, plus 10 in the tuning capacitor, 4 in the trimmer, and since we can mount a small plastic Japanese gang right on the faraday loop shield, the wiring will only be 1 mmf. This makes a total of 20 mmf and will require a variable of 9 times that or 180 mmf to tune the band. In the case of the air loop, the winding contributes 30, the gang 10, the trimmer 4 and the wiring at least 5 since it is necessary to physically remove the gang from the vicinity of the loop to avoid detuning effects. This totals 49 mmf for the air loop and the required variable to tune the band will be 441 mmf.

The ratio of 49 mmf for the air gang to 20 for the ferrite is 2.45. The turns increase will then be the square root of 2.45 which equals 1.56. The total turns increase for the ferrite loop will then be a factor of $1.56 \times 1.4 = 2.2$. To bring the overall comparison up-to-date, we find the ferrite loop now $.24 \times 2.2$ or .53 that of the air loop and we still have Q to consider.

Q COMPARISON.

The Q of an air loop in free space is one thing, the Q of the same loop in its natural surroundings can be quite another. The basic Q is reduced by objects in the flux field and the denser the field in which the objects lie, the greater is the Q reduction that results. The flux, of course, concentrates in passing through the loop and in the return path through the immense air sheath, the flux lines are rather sparse. Unfortunately for the air loop, the entire cross-sectional area contains the concentrated flux and this is free to contact all sorts of energy

THE SHIELDED FERRITE LOOP: PRINCIPLES AND PRACTICE.Q COMPARISON. (continued)

absorbing objects such as venetian blinds, hot water radiators, telephones, house wiring, lamps, people, etc. On the other hand, the concentrated field of the ferrite loop extends only out the ends through its cross-sectional area. The only nearby object is the faraday shield and by locating this in the weak return field and parallel to it so that a minimum of flux lines are intercepted, along with the use of aluminum, the Q reduction can be held to a minimum.

If a calibrated frequency source is available, it is possible to check the Q of an air loop in its operating position. Disconnect the pick-up leads from the receiver and attach them to an RF millivoltmeter. Radiate into the loop by a single turn connected to the frequency source and located a few feet away. Tune in the radiated signal and then measure the bandwidth corresponding to a 3 db drop in output. The Q is then f/BW . In other words, if your radiated signal is 1000 kc/s and the measured 3 db bandwidth is 10 kc/s, the Q is $1000/10 = 100$. If the 3db bandwidth measures 5 kc/s, the Q equals 200, etc. The chances are that your air loop will measure somewhere between the two values.

So much for the effects of objects in the flux field. An even greater problem in large air loops can result from loading by the receiver. Unfortunately, it is necessary to use an integer number of turns for the pick-up winding. In other words, less than one turn is impossible. If the total loop turns is 8, the turns ratio is 8 and the impedance ratio 8 squared or 64. If the tuned circuit impedance (QX) is 200,000 ohms, the impedance of the pickup winding is over 3000 ohms. If the receiver is designed to work with an inverted L antenna, the primary of the antenna coil in the receiver may be matched to an impedance representing approximately a 250 mmf capacitor in series with a 200 ohm resistor. This will, of course, severely load the loop and the Q will drop much farther. The above assumes that the loop is a perfect transformer and, of course, it is anything but, so the loading effect is relieved considerably. However, an imperfect transformer means leakage reactance is present and this causes a further problem which will be described later.

But I digress; the 2 foot loop is the object of our comparison and this may have 20 turns with a tuned circuit impedance of 300,000 ohms so one turn will present an impedance of $300,000/400 = 750$ ohms which is not too bad.

The free air Q of the ferrite loop should be at least 400. The effect of the aluminum faraday shield, rotating assembly and receiver cabinet should reduce the Q to not less than 300. I think we are reasonable in pegging the Q of the 2 foot air loop at 125. This means the ferrite loop will have 2.4 times the voltage across its tuned circuit but due to the necessity of matching to a fixed impedance, part of this will be lost in the increased turns ratio required so the net improvement in favor of the ferrite loop is the square root of 2.4 which equals 1.55. So now let's take another look at our comparison scoreboard. It is now $.24 \times 2.2 \times 1.55 = .82$ or about 2 db below the 2 foot air loop. Of course, the alternative of adding an inch or two to the length of the rod to achieve parity is always available.

Summarizing to this point, we can say that the 12" x 1" ferrite loop will be down about 2 db in raw sensitivity but will respond entirely to the magnetic field and not at all to the electric field thus permitting noise-free reception with the white noise of the receiver the basic limitation on sensitivity. In addition, it will permit the complete rejection of unwanted locals by nulling.

An additional obvious benefit is having the whole ball-of-wax wrapped up in a compact package mounted on top of the receiver instead of a more or less unmanageable, unsightly mess.

THE SHIELDED FERRITE LOOP: PRINCIPLES AND PRACTICEQ COMPARISON. (continued)

As also noted above, the low distributed capacitance of the ferrite winding will permit the use of a small, compact tuning capacitor and do away with the haywire and inconvenience of switching in additional capacitance to reach the low frequency end of the tuning range. The low variable capacitance required by a ferrite loop will be further appreciated when varactors are readily available, suitable for tuning the entire band with a voltage variation of only 1-9 volts. Going into the varactor matter further is outside the scope of this report but I would like to cover it at a later time, if a reader interest develops.

It was also mentioned above that a high coefficient of coupling is not possible with an air loop but with the high permeability of the core material, the ferrite version can have a coupling coefficient very close to unity. To provide this, the coupling turns should be wound over the main winding and spaced to occupy the grounded half of the main winding as shown in figure 3.

If the coupling is not tight, the arrangement does not act as a perfect transformer and leakage reactance results. This reactance can resonate in the shortwave band and can cause serious shortwave interference if the preselection in the receiver is not sufficiently high.

FERRITE COSTS AND AVAILABILITY.

A 12" x 1" rod of ferrite is a sizeable chunk as ferrite rods go and cannot be fabricated by the usual extrusion process. It is necessary to manufacture the rod by the isostatic method which is considerably more expensive. Since there is no demand for such a large rod in the entertainment industry, quantity becomes a further factor affecting the cost adversely. It appears that in quantities of 100, these rods would cost about \$20 each from Indiana General.

Several Japanese companies have been licensed to make this material and preliminary information at hand suggests that the pupils may now excel the teacher as they are making high Q materials with permeabilities as high as 400. This would provide a major breakthrough in cost since our L/D ratio can now change to the square root of 400 which equals 20. Hence, for a 12" rod, the diameter would be only 0.6". This would reduce the ferrite volume to almost 1/3 of the 1" diameter core and would be less expensive to fabricate as well. If a suitable Japanese source develops, it is therefore reasonable to expect a rod cost of \$5 or less.

I must apologize for not being able to furnish specific constructional details as I do not have, as yet, a suitable rod to work with. Two samples are on order from Indiana General but in the usual manner of a corporate giant, a delivery time of 10 to 12 weeks must be endured. Letters have been written to five Japanese companies, three of which have New York offices, to determine further the suitability of their material and the cost of 100 pieces providing they will accept such a small order. The Japanese situation should be clarified by the time the sample pieces arrive. Incidentally, the IRCA might be interested in hearing from members who would be interested in obtaining a ferrite rod and what cost they would tolerate. A more definite idea of the total quantity might be a substantial help in lowering the piece price. In the meantime, for the benefit of members who might be interested in experimenting with available smaller rods, the following constructional information is included.

(continued on the next page)

THE SHIELDED FERRITE LOOP: PRINCIPLES AND PRACTICE.CONSTRUCTIONAL DETAILS.

When using small rods, it is entirely possible to bundle them up to obtain a larger diameter but attempts at increasing the length by combining rods will not be fruitful as the unavoidable air gap that results will reduce the permeability to a low value.

The faraday shield should be made of aluminum and need not be thicker than that necessary to support a small tuning capacitor. Figure 4 shows the general arrangement. It will be noted that the aluminum piece is basically an inverted U which is mounted to a base of insulating material. In order to preserve the original Q, it is desirable that the sides be not less than $2\frac{1}{2}$ times the rod diameter in height; while the width of the top should be a minimum of 4 times the rod diameter. The length of the shield should be sufficient to over-extend the rod about an inch on the "hot" end. The shield is grounded to the receiver chassis by a lug on one mounting screw. Do not use more than one grounding lead for the shield.

It must be emphasized strongly that the shield should not in any manner become a complete turn around the loop. If it does, the pickup and Q are completely ruined. It is a good plan, then, to leave one side completely alone and mount the grounding lead and tuning capacitor on the other. If a pre-amp is to be used, also mount the on-off switch and the battery (clamp it outside the shield) on this same side, leaving the other side completely isolated. The pre-amp can be mounted to the baseboard between the loop and the side of the shield to which the components are mounted.

Mount the tuning capacitor near the hot lead of the main winding and connect this lead to the stator of the capacitor. The rotor of the capacitor, the cold lead of the main winding (the one nearest the take-off winding as shown in figure 3) and the cold end of the take-off winding are connected together. This take-off terminal is connected to the ground of the receiver; while the hot terminal goes to the antenna terminal. This lead should be shielded to avoid noise pick-up and nulling problems. You might want to consider using a heavy duty plug and jack assembly to perform this electrical connection and at the same time solve the mechanical problem of providing the necessary rotating facility. The jack would mount on the cabinet top while the plug would mount on an outboard bracket connected to the loop base. Make sure, however, that the bracket does not contact the shield. Also, do not attempt to combine the shield ground with the loop ground as electric field pickup by the shield would be induced by common coupling into the loop circuit.

It is suggested that the loop be mounted to the board by nylon cord loops as indicated. This will help to preserve the Q. If a pre-amp is used, make sure none of the parts are in the concentrated field of the loop. Figure 5 shows the right way and the wrong way.

In connection with the winding of the loop, the main winding should be spaced to occupy nearly the whole length of the rod, rather than concentrating the winding at or near the center. Just leave $\frac{1}{2}$ inch or so at each end to tape down the leads using high grade electrical tape. The flux will be higher for the concentrated winding but the number of turns is greater for the distributed winding and due to the different manner in which the self-induced and received flux patterns distribute, the net pick-up is about 40% greater for the distributed winding.

When using ordinary broadcast radio cores, it will be found that the Q maximizes when using about #28 wire. For smaller sizes, the ohmic losses degrade the Q and for larger sizes, eddy current losses in the copper predominate. Glyptal may be used sparingly to prevent the winding from moving.

(continued on the next page)

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Report From Thailand-- Glenn Hauser, Korat, Thailand
 Having added an Akai X 120D tape deck to my shack, I'm rediscovering the joys of taping DX. Middle East reception was particularly good this week, along with nearby areas of the USSR and Eastern Europe. Am also hearing more and more Filipinos, many with calls represented only by blank spaced in the WRTH70. Also, there appear to be quite a few AN Japanese stations not so listed, although this is of little interest to the NA DXer. 8 February ominously produced some atmospheric, but the local noise level has descended somewhat at times, permitting audibility of some signals barely jiggling the S meter.

- 557 European RSFSR, Volgograd listed, 2/6 1406 man and woman talking Russian; also 2/8 at 1400 TS, TC, and Russian.
- 566 ... Syria, Hons relogged 2/6 1408 with Arabic music for a tape.
- 570 JOIK Japan, Sapporo (xmr Nopporo), NHK1, 2/10 1453 NHK melody, puny 100 kw fair until Peking carrier overwhelmed it a minute later....
- 587.5 ... Saudi Arabia. Good 2/6 at 1505 when taped talking Arabic.
- 645 ... Iran, must be Tabriz here, 2/6 1415 with EE rock and Middle East vocal music separated by a YL announcement in, probably, Farsi. Peking off, of course.
- 674 ... Qatar, Doha, Qatar B/S good 2/8 at 1402 with news in Arabic; at 1412 playing western tunes. Seemed to s/off around 1430. New country.
- 700 BBC Muscat and Oman, as of 2/8 definitely here and hot on 701. Noted at 1406½ in Arabic singing // 719 and hetting 701.
- 719 BBC Cyprus Arabic man and woman alternating // 638 1422 2/6. ...
- 728 ... Greece, Athinai, 2/8 1420 segues, 1430 3-wide-pip TS, Greek announcement. New country, aside from Rhodes. Also on 2/6 at 1428 a SAH of 115/min (almost 2 Hz) and at 1509 operatic music.
- 737 ... Asiatic RSFSR, Chelyabinsk listed, 2/8 1600 Mayak IS, Moscow TC.
- 752 ... North Korea, unlisted, // 785, but much weaker than it is, at 1500 2/10, 4 pip TS, Korean.
- 755 ... Rumania. While jarming was at a minimum, 2/10 at 1439, a YL vocal snuck through. On relistening to tape, detect some Rumanian characteristics. Timisoara listed. Wish it had been Portuguese, hi. New country anyway, 5038 miles. Also 2/6 at 1443 some music here but unrecognizable.
- 760 ... Iraq. 2/6 1424 Middle East classical music, taped.
- 764 ... Ukraine, Odessa listed, 2/6 1359 TS, TC, IS.
- 773 ... Egypt, Cairo in EE for a change, 1332 2/10, anti-Zionist news.
- 818 ... Egypt, Batra in as usual, noted 2/10 1248 with monotonous music, good signal.
- 827 ??? UNID, man and woman talking at 1446 2/6. Probably Bulgaria or USSR.
- 836 ... Lebanon/USSR(?) Arab talking mixing with unknown 10-note IS, maybe Soviet, at 1448 2/6. Also 115/min SAH.
- 890 ... Saudi Arabia, Darnan, Middle East music 2/8 1257, 1259 ID in Arabic, and a TS! maybe from somewhere else, as sun time isn't that precise.
- 908 ... Iraq. 2/8 1511 Arabic talk for a tape, good.
- 926 ... Turkey, Izmir, Turkish talk and music, 2/8 1448½ taped.
- 971 ... Ukraine, probably the Arabic I guessed was Cairo earlier. R. Moscow, Kiyev, sked in Arabic, and so heard 1413 2/10, some strong fadeins but severe HISA QRM.
- 980 ... USSR, probably Krasnoyarsk although two others also listed, Russian talk, soprano, 1451 2/8.
- 998 ... Moldavian SSR. A commentary on Czechoslovakia, presumably in Moldavian, 1245 2/10; good for a tape.

- 1016 ... Azerbaijan SSR, Baku, 2/10 1240 talk in UnId language, probably Azerbaijan, but at 1409 man and woman on Vietnam in Russian; excellent modulation and fair signal. 86/min SAH too. And on 2/8 at 1453 bits of Russian (?) and 245/min SAH. New country.
- 1020 KSAB Ryukyu Islands, Okinawa, Naha, Far East Broadcasting Company, 2/10 1259 fair and clear in "Nightwatch" program, inviting phone calls for a colorful calendar and a Billy Graham booklet; repeated at 1330; hymns. 1 kw listed.
- 1025 ... Asiatic RSFSR, Tomsk, Mayak IS, TS, and news, 1559 2/10. Weaker than Tashkent, which evidently left air earlier...still having trouble keeping them apart.
- 1034 RAI Italy, 2nd program, 1 50 kw commonwave, including a Sicilian...1340 2/10, Italian talk. Most of you would consider this a new country for me.
- 1040 AFKN South Korea, Chunchon, at 1 kw weak but copyable (Peking et al off, natch) 2/7 1402 with AFRTS-W news relay, 1405 music. Better 2/10 1404 ending news with wintry weather, ID, and into canned "Country Corner" with Joe Allison, //1200 later.
- 1041 D... Philippines; no ID caught yet, 2/10 1622 talking a Filipino language, must be, brief spot, IA music; 1627 Peking carrier on, but still holding its own till Peking audio 1630. Four listed on 1040.
- 1106 ... Egypt. Not heard for a few days, perhaps off, but on 2/8 strong at 1503½ with Arabic talk, news, and also good on 2/10.
- 1110 JO... Japan. One of the commercial outlets, 1457 2/8 s/on in JJ, vocal anthem, but no ID caught.
- 1124 ... European RSFSR/Libya. Mixing about equal 2/10 1349 when Libyan had an ID, and Leningrad III had Soviet-type talk; taped.
- 1133 ... Yugoslavia, Zagreb I (5295 miles) and 5 other Croats listed, 2/10 1354, talk in Slavic language, 1400 3 long and wide pip TS; believe "Dobriy Vecher," or equivalent soon afterwards. No sign of Kuwait's EE.
- 1140 HLCX South Korea, Hankuk Munhwa, Chonju (only listed), s/on in Korean 1457 2/6, then music mixing with the Jap.
- 1200 AFKN South Korea, Bayonet, 1428 2/10, Tongduchon, //1040 1428 2/10 when ECC off, although still some jamming.
- 1240 ... North Vietnam, Hanoi, good at 1812 2/6 with folk music (Seeger, Peter, Paul and Mary, etc.)...almost like back home. Songs tended to be anti-war, which tend not to be played on AFVN.
- 1277 ... European RSFSR, Moscow III listed, 1307 2/10 Soviet type talking.
- 1320 D... Philippines, UnID, ads in various languages, 1222 2/10, including Walter Berry Compound, Ceno Pai, Jans Jellies & Marnalades; doorbell interspersed, and some sitar music.
- 1324 DZSI Philippines, unlisted call, heard twice during s/on 1605 2/8 by YL. DZRP (or similar) also mentioned, as was "...Broadcasting Corporation. Later, "local" announcer mentioned DZSI and 1320.
- 1360 KSBU Ryukyu Islands, Okinawa, Naha, FEBC, playing Chinese music, not noticeably evangelic, and into CC talk, 1532 2/10. Evidently Peking doesn't bother to jam it.
- 1376 ... Ukraine, Vinnitza, man and woman alternating in Russian, 1705 2/6, good strength.
- 1390 ... Iran, Ahwaz, good strength for another Persian, Arab talk about Iran, 2/8 1321; deep fades.
- 1400 HLKP South Korea, Pusan, CBS, sacred music 1529 2/10, Korean announcement 1530 and ID with call letters in EE.
- 1421 D... Philippines. Another variant, no call heard, 2/8 at 1622 "Caaalll foor Phiillliipp Moooooriiiiiissss" ad (remember that?), Tagalog talk mentioned Filipinas, English countdown 5-4-3-2-1 to music; good while it lasted.

- 1460 DZBU Philippines, Bulacan, Bulletin BC, 1620 2/8 ID by YL, US pop music, good modulation. "Dee Zee Bee You— Catorce Sesenta."
- 1466 TWR Monaco/France TWR 2/6 1747 II sked, but not copyable; 1750 hymn clinched it though; also probably SAH of some 16/min.
- 1511 RBI East Germany, 2/7 1413 GG along with a 320/min, or 5 1/3 Hz SAH. They sent packet of magazines and 4 nice FCCs, but no QSL.
- 1538 DLF West Germany? presumably, but in Italian, not sked, 1715 2/6.
- 1546 ... Ukraine, Vinnitza, Italian (lots of that, no?) 1617 2/8, good; also 2/10.
- 1586 ... West Germany. 2/4's sole logging was jazz, poor strength, at 1830; a carrier was detected on 1493; on 2/6 at 1805, news in GG; het and CCI troubled. Also noted now and then on 2/8 and 2/10, but not outstanding, as more southerly reception predominated.

Multi-Freak Reception— Gray Scringeour (reprinted from Feb. ANARC Newsletter)

One thing on our DX hobby which arises, and distresses me very much, is multi-freak reception. That is, a series of unusual and irreproducible DX catches reported by only one DXer. From reading the bulletins of many clubs and from talking to DXers, I know that it exists on almost all bands. Often, the DXer who claims the unusual catches has little DX experience and/or a minimal receiver, but cases that don't fit this mould aren't hard to find, unfortunately. A lack of experience can sometimes explain a newer DXer's misidentification of stations, as we all know that our minds can add little bits of audio to what the static covers. So, cases of phoney reports range all the way from the simple mistakes of a beginner to blatant cheating by "experienced" DXers.

My purpose is not to point a finger at individuals or to start controversies over particular cases, but rather to suggest what the responsibility of the clubs (guess we'll be called the 'establishment' for this, but so what?) is in cases of incorrect or imaginary reception. First, DXers who are straight may spend hours trying to log the unloggables (and simultaneously lose interest in DXing). Second, DXers should learn through reading the club bulletins just which reporters are the reliable ones (a vast majority of reporters, thank goodness). For example, when I read of several DXers independently hearing a great new catch, or of one giving a tip that helps others to log a difficult station, I am heartened. That is the purpose of DX Club bulletins. When I read a list of braggadocious claims (often with 'QSL's' to back them up) that are unsupported either by reports of the same stations by other DXers or by propagation characteristics, I cringe. A person's credibility rapidly decreases as his phoney catches increase. Third, most important, function of the clubs is to acknowledge that all tips are not correct. This could be done by encouraging editors to suggest alternative stations that may have been mistaken for the claimed freaks, or perhaps to mark obvious errors in receptions so that readers do not think that all tips in the bulletin are ones meeting the editors' criteria of validity. Recently, a DXer submitted to a club bulletin a series of invalid tips, but the club's members and editors neither hid the errors nor chastized the new DXer: they pointed out the fallacies of his tips, and suggested the reasons in print. A very mature manner in which to handle the situation, and a way helpful and not discouraging to the DXer involved. Finally, we should encourage all avid DXers to understand the means of propagation of the wave bands listened to. An understanding of propagation would eliminate misunderstandings of reception.

I don't want to suggest the "little tin god" approach by clubs or editors, but when an utterly outrageous series of tips is submitted, we cannot just overlook it. That's why I call this multi-freak reception. It differs from simple mistakes, and leads me only to the conclusion that it is premeditated by the DXer (if that term can really be applied—DXer?). Let him fool himself if he wishes, but let's not let him feast his fallacies on us. There are enough real stations to keep the rest of us busy hearing them!!! And the best ones are hard enough to hear with the best equipment.

Gray's comments come at a time when IRCA is apparently experiencing such a situation as he describes. I have been taken to task by some for allowing such reports to slip by without editorial comment. I do have a responsibility to try to catch them when I can, but sometimes, because of the press of other work, I don't have the opportunity to investigate all reports at length. I would hope that experienced DXers, when they encounter a report they feel is dubious, would point out their reasons for their doubts. For instance, members in the East are much more capable of making comments about TA receptions than I, because of their long experience with such stations.

Latin American Electoral Calendar - Angel Garcia

Costa Rica February 10 (Tuesday)
 Guatemala March 10 (Tuesday)
 Colombia April 19 (Sunday)
 Dominican Republic May 16 (Saturday)
 Mexico July 5 (Sunday)
 Chile September 6 (Sunday)

Election results will, hopefully, be aired throughout the Monday mornings of April 20th, July 6th, and September 7th from Colombia, Mexico, and Chile respectively. Sunday morning, May 17th, should find the Dominican Republic on with ERs. Guatemala elections fall on a poor date while Costa Rican elections have already passed (The 2/2 ERs obviously were primaries). The dates given above are from El Tiempo, SS newspaper in New York.

Listeners Loggings- East Coast

1106 ??? What seems definitely to be jamming was heard here 1/27 before and after 1730, around the same time 1/28, and then 2/12 leaving the air at 1828. Seems much too loud to be mere (accidental) carrier hum, but I can't figure out who would be jamming who on this frequency. (CMS)
 1506... Anguilla What must have been R. Anguilla was heard here 1/23 until a few minutes past 2100 but audio level was so poor that I couldn't get enough for a report. (CMS)
 1610... International Waters, Radio Nordsee International is on, heard here on 2/17, mostly current rock, announcements in EE and GG at 0144. EE, GG, Gutch, and possibly FF at 0157. Heard 0130-0200 good signal. Should make it to WC. (AM) (In his latest report, received here 2/20, too late to print, Glenn Hauser reported RNI tentatively on 1608, playing pop music, heard 2/13 1359. HNL bothered. Ed)

Mid West

540 FJKA Colombia, Bogota apparently the very strong SS s/on with NA 0400 MM 2/9, although had music for at least 15 minutes prior. Unneeded, so didn't stick around for ID, but I've never heard this one so strong before. (LBG)
 753 TI. Costa Rica, maybe San Jose heard nightly since 2/6 when was particularly good 2237-41, thanks to Gene Martin's tip. Several "Atenea" IDs heard during that space, also mention of the frequency "750." WRTH70 lists Atenea on 900 and 975 only, so this must be a new outlet. (LBG)
 875 ??? UnID weak station with poor audio around 0900 2/10, a good TP AM. Thought it might be N. Korea, but no pips or other IS on the hour. Can anyone on the WC shed any light? Too late for Costa Rica. (LBG)
 1090 YV. Venezuela s/on with NA 0501 MM 2/9, but the ID didn't make it. (LBG)
 CP57 Bolivia, La Paz surely the one with distinctive format similar to that heard earlier this season, although no ID audible, MM 2/9 at 0424 for brief fade-up. Wish they would verify! (LBG)
 1140 CMJK Cuba, Camaguey believed the one here MM 2/9 0408-0434 with frequent mention of this city and also Santa Cruz del Sur. Mentioned the "Cadena Provincial" at 0413. (LBG)
 1145 ??? UnID SS, probably Honduras or Nicaragua, apparently conducting an ET MM 2/9. Left the air in middle of a record at 0141 and didn't return. (LBG)

- 1155 YSCF El Salvador, La Union not heard in ages, but was superb the evening on 2/6 at 2304 with call ID. Excellent evening for Central Am. (LBG)
- 1178 VOA Ryukyu Islands, Okinawa surely the oriental on this frequency 0831 2/11; just missed IS on the half-hour. Also noted a weak signal on 655, probably North Korea. (LBG)
- 1205 ... Sierra Leone, Freetown had an outstanding signal MM 2/9 around 0200 with English programming. This and Dakar are probably the most reliable TAs these days, with the more northerly Lisbon-665 coming up second. (LBG)
- 1439 ??? Brazil (southern part) was my UnID of MM 1/12, previously reported tentatively as WSZO-Majuro. Richard Wood has listened to my tape and confirmed the language as Portuguese. He also heard a city name, but impossible to tell the identity of the station on the short tape segment. (LBG)
- 1465 ... Asiatic USSR had a fine signal MM 2/9 around 0400-0500. Odd, no others heard except possibly 1376 (making a nice het with St. Pierre -1375 at 0500. (LBG)
- 1529 ... Vatican City?? KOL's alleged logging of Vatican City at 2225 1/26 (DXWW 2/14) is rather difficult to believe--seeing as how Vatican s/off is around 1700 (only on holidays such as Christmas are they ever on much later than that) and they don't come back on until after 0200. (PLS)
- West Coast
- 550 KENI Alaska, Anchorage, still no sign even though conditions toward Alaska have been good. (PM)
- 590 KHAR Alaska, Anchorage heard with better music, at 0307 on 2/11 over KGMB. (PM)
- 630 KJNO Alaska, Juneau, strong over everything 0245-0300 s/off on 500 watts 1/12. Quick friendly v/l airmail. Played classical music on "Barrons Bank" program. (IAK)
- 640 CMQ Cuba, La Habana in with solid signal after KFI s/off on 2/2 0500-0600 SS music and an ID at 0530. Report sent...hope they verify as CMCA-83 830 hasn't. (DOC)
- ??? UnID EE station under KFI and CMQ as of late (2/1 on). Heard as late as 0300 with MoR music. Announcements are impossible to understand as the signal is very weak but solid. Mixes with CMQ at times, but not noted during KFI SP of 2/2. Not CBN as they s/off at 0100. Ideas? (DOC)
- 650 KYAK Alaska, Anchorage with c&w music o/u WSM, at about 0105, noted on 2/9,10,11, and 12. (PM)
- 660 KPAR Alaska, Fairbanks with rock program at 0145, noted good on 2/9,11 and 12. (PM)
- 700 JOUK Japan, Akita nicely audible under WLW 0515 2/16. (AWP)
- 730 ??? UnID SS 0612 2/9 under pest CKAC. XEX? (IAK) (Probably. Ed)
- 740 CMJL Cuba, Canaguey, faint u/LPRTs 0330 2/16, YL announcer, "La Voz de Cuba." Played (get this) "Na Na Hey Hey Adios"!!!! These weird IAs.. Country #12. (IAK)
- ??? UnID SSs (2) u/LPRT OCs 0500 2/1. One had IA music with long talks in between records (Cuban?); other had normal IA format (YV? YS?) (IAK)
- 750 HJDK Colombia, Medellin, CARACOL, 0430 12/8, very strong with no QRM. Airmail v/l back from tape sent. (IAK)
- 800 KINY Alaska, Juneau has been best Alaskan all winter, in about every night, from 0130, sometimes much earlier. Have heard during the day, and at LSS. Noted on 2/8, 10, 11. (PM)
- 810 XEFW Mexico, Tampico, strong with s/on 0658 2/8, SINPO 44544. (IAK)
- 825 TIOS Costa Rica, San Jose 0040 12/30. Many Titania IDs, occasional long talk, New Year's Eve surprise logged with new Q-multiplier. (IAK)

- 840a ??? UnID SS station heard on 1/19 with SS music 0214-0307. One vocal announcement 0306, but only announcing record upcoming, lasted 10 seconds. Tentative report to HJBI. Do you know if they verify? No mention of any veries from them in recent DXWWs. Report registered. (DOC) (Dunno, Doc, I tried about a year ago but got nothing. Ed)
- 844 VTW Gilbert and Ellice Islands, Betio, excellent with polynesian programs on 2/9 at 0214. (FM)/ Was louder than HJBI much of the time (and that is loud!) in local language 0355-0420 2/16. 4 tone IS heard 0407. This is becoming a regular--far better than Tonga nearby. (AWP)
- 920 KSRM Alaska, Soldotna with organ music, weather, s/off from 0255-0307 on 2/10. Over all, beautiful!! (PM)
- 1010 XEHL Mexico, Guadalajara is probably the one heard 0527-0600 2/16, with frequent CST TCs and R. Mil Diez IDs. Thought it to be XEEB which has same ID per verie, but CST doesn't fit. Mentioned song #s and played such things as Jailhouse Rock (Elvis) and rancho music. TCs were always given twice in quick succession. Can anyone confirm my ID? (AWP)
- 1200 CFFB Canada, Frobisher Bay. In 2/7 DXWW LBG noted this on later than my report of GSQ on the exact same morning, which leads me to believe it was not CFFB that I heard; I cannot find another station which may have played GSQ on 1200, so I must assume a strong imagination on my part. Sigh!! Will continue to try. (AWP)
- 1475 ... Asiatic RSFSR, with piano music 0454 MM 2/16, followed by IS six times and into EE, I think. Someone else here with deep TT. (FJP)
- 1500 4QD Australia, Emerald, best ever heard MM 2/16 0402 with talk, apparent local ID (net) at 0415. (FJP)
- ... Asiatic RSFSR, finally heard 0422 MM 2/16 with man talking in Russian, apparent chimes at 0429. (FJP)

Verifications

- 760a ??? On 10/10/69 I heard a station broadcasting a football game in EE from 0500-0515. I sent 4 tentative reports: KGU, 1YA, Blantyre-764, and 4QS-750. By logic, these were the only 4 stations that would be on at that time and in EE. 4QS never replied, Blantyre sent a form letter stating it wasn't them. KGU verified by report in about one month. Today, 2/14, I received a v/q from 1YA postmarked 12/4/69. Both veries are for the same date and time. NZ is needed, but I feel that under the circumstances, I should discount both veries, as it's impossible to tell which station I heard. (Doc)
- 790 XENT Mexico, La Paz, B.C.S. verified in one week with v/1 and souvenir leather money holder. V/s Francisco King; QRA: Apartado Postal 105. (FJP)
- 827 EAJ1 Spain, Barcelona verified with a pretty although poorly worded QSL card. No v/s. Spain #14 with three still out. (ELK)
- 844 VSZ1 Gilbert and Ellice Islands, verie in a handwritten letter form. Alan Robins, the Broadcast Engineer, said reports had been received from Hawaii, British Solomon Islands, NZ, and several from the US. Stated power as 10 kw. (DV)/ Sent hand-written verification letter for my 1/12 report. Signature not legible. My report was the most distant to date, but Alan Merrinan will probably hold the honor for some time. Country #61. Returned my tape via airmail. (LBG)
- 940 YVNN Venezuela, Punto Fijo, "R. Punto Fijo" sent printed QSL card on back pf picture postcard to verify report of 12/2. Mailed from Caracas. Specifically mentions YVNN, but also points out that R. Rumbos in Caracas has the tallest tower in IA at 827 feet. Over 15 stations comprise the Rumbos network. (LBG)

- 1550 ... Asiatic RSFSR, no location specified on pink "Pago Mockba" QSL for 11/17 report. Also a specific v/l covering both 1475 and 1550. Country #16 verified. (JO)
- 4QD Australia, Emerald. QSL received for 11/17 very tentative report. I had quickly sent a f/up to say it was USSR and not them. Does ABC "verify" any report (like NHK) or do I print a neat letter? I don't usually send tentative reports. (JO)
- 1562 SBC Switzerland, Beromunster QSLed with a card in EE. Had sent report to the DX Editor of the SBC after other reports failed to elicit any response. Signed, but I can't make it out. Specific and also mentions a report from NRC's Ernie Cooper. (ELK)

Reporters

DOC	Mike Hardester, Modesto, Calif.	AM	Alan Merriman, Fairfax, Va.
LBG	Larry Godwin, Englewood, Colo.	FJP	Your editor
LAK	Larry Killick, Vancouver, B.C.	AWP	Art Peterson, San Pablo, Calif.
ELK	Ed Krejny, Middleburg Heights, Ohio	CMS	C.M. Stanbury II, Crystal Beach, Ont.
PM	Pat Martin, Warrenton, Ore.	PLS	Phil Sullivan, Leoninster, Mass.

BBC Eastern Mediterranean Relays: Cyprus-638:2200-2245, 0045-0230, 1615-1815 EST; 719 kHz: 2200-2215, 0045-0230; 1421 kHz: 2200-0315, 0400-1815. Masirah Island, 750 kw, 1410 kHz: 1200-1615 EST. (WRB)

San Marino: a commercial station is foreseen on 1484 kHz. (WRB)

Corsica: ORTF will put two MW transmitters on the air from Calvi on 1178 and 1412. (SCDX)

West Germany: Hessischer Rundfunk has increased power from 20 kw to 100 kw on 593 kHz. (SCDX)

Rumania. Since Dec. 28, R. Bucharest has changed MW transmissions from 755 to 629 kHz. (SCDX)

Station list Suomen DX-Kuuntelijat, Box 10454, Helsinki 10, Finland has published an offset list of some 1000 stations from 100 countries logged on MW in Finland between 1954-69. The sixteen page list is available for 5 IRCs. (SCDX)

Clandestine Sounational Radio Channel supposedly started transmission on 1/17 on 1507 kHz. The station is located somewhere in Worthing, and will be on the air every Saturday and Sunday at 0300-0500 EST. Address: Radio Channel, Dept. C4, 28 Kingaby Gardens, Rainham, Essex, England. (SCDX)

Monaco The EE test transmission to England via Radio Andorra has been moved from 701 kHz to R. Monte Carlo on 1466 and are now made at 1800-2000 EST every Saturday-night under the name of Radio 205. Address: Geoffrey Bass, 1, Harley Street, London W 1, England. (SCDX)

Hungary Since 1/15, Radio Budapest has been making test transmissions in Italian at 1300-1330 and 1515-1530 on 1340 kHz. (SCDX)

Clandestine A new pirate using the name of Radio 266 supposedly has begun operation off the Essex coast as of Feb. 14. A major backer is a European record company. No frequency given. (WRB)

That's about it for this week. I'm looking forward to ERBA-South at Jay Murley's place this Sunday; a report on this next week. Conditions still seem pretty good; we should have some good reports for the anniversary issue. Angel Garcia says he has about 80 TAs that he's holding for then. Just get them here in time, Angel! 73

Frequency Check Notes

One of the monitoring companies that cooperated with the latest IRCA Frequency Check List recently wrote Larry Godwin the following comments of interest.

I am in receipt of your latest list, for which my thanks ... It is helpful to me in making my schedules.

Allow me, if I may, to make a correction. A tone modulated carrier is absolutely essential in making most measurements. Naturally a local or clear channel is an exception. The biggest trouble is in getting an engineer or dee-jay to run 90 to 100% modulation on this tone. Frequencies are cluttered up so badly we use a 560 cycle tone on those stations who have difficulty in getting a signal in here. It is a simple process to compare the frequency of the tone I am receiving with the interpolation oscillator and if it is a 560 cycle (or Hz if you will) I am pretty certain I have the correct station.

Now to get back to the tone. For example, we have a local on 24 hours on 1490 kcs. (Two of the stations we monitor on this same frequency) both come on and push the audio level up where they can get through the local. Of course I am also using a directional antenna, but that will not take out the local. ... It's the difference in being able to read or not read. It is also possible to measure two at a time on the same frequency if they are using different tone frequencies. You mentioned this in your discussion of skip distances. By using proper filters, say 500 and 1000 Hz they could also be measured together.

The FCC does not require monthly frequency checks of AM stations. They only suggest that it should be done. TV is required monthly.

You are correct in the number of stations falling off who are making late measurements. This should be temporary. Some have returned to the fold after being cited by the Commission for off frequency operations.

Morse Code Identifications

Nothing penetrates the static and interference like tone and Morse IDs. Often an ID in code means the difference between a positive and a tentative log on a distant catch. Code can be used to advantage by low-powered stations on clear channels as well as stations with moderate powers on crowded frequencies.

Fortunately recent DX programs have featured code IDs along with the band music and voice announcements. WCVR and CFFB are examples. Also, some monitors have requested that stations conducting frequency checks run a Morse code ID tape.

It would be a fine idea for those arranging DX specials to request Morse IDs to increase the coverage area of the testing station.

Following is a part of a letter received by Larry Godwin from WCVR in Randolph, Vermont (1320 kc., 1 kw.), a station that used Morse IDs on its tests. Larry's reception of WCVR from Denver would not have been possible without the code ID.

It was a great surprise talking with you on the telephone on Monday morning and then receiving your tape with the call letters very plain. I spent quite a bit of time as a Merchant Marine radio officer and we had to get messages which were not as strong a signal as you recorded. So, as a result I had no trouble sorting WCVR out of the jumble on your tape. I listened closely and the entire call WCVR is there for a trained ear to pick out. The morse code idea was not mine but was suggested to me by the Editor of the National Radio Club bulletin. I thought it a good idea and as it turned out it was.

Therefore, as you have got us on tape please consider this letter a 'Confirmation of Reception' of WCVR Randolph, Vermont 1320 Khz on the morning of February 9, 1970 at the hour of 0225.

The WCVR Engineer, Mr. David H. Chestnut, Jr., indicates there will be another series of tests this season between 0300 and 0400 EST, and details will be announced soon in the DX Monitor. Richard Wood has hopes of hearing WCVR from Hawaii.

--Larry Godwin