

# dx news

*the magazine of the National Radio Club*



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NUMBER 19

"DX NEWS is a publication that surely must be one of a kind, and one that the NJPC and the editors can be justly proud of." (Ken Chatterton, NY)



## ON THE INSIDE.....

- Verie Signers - Ernie Cooper
- Domestic Supremacy Ratings - Bob Karchevski
- How to Catch a Pirate - Ron Musco
- NEBE-2 - Carl Dabelstein et al.
- The Loop Sense Cardioid Array - 1 - Ron Schatz

## NEW MEMBERS

- \* J. R. Bruner, 419 Nottaway Dr., Nicholasville, KY 40356 (re-joins)
- \* Francis Bujak, 69 Bel-Aire Cir., Windsor Locks, CT 06096
- \* Daniel Spitzer, 79 Irma Dr., Oceanside, NY 11572
- \* William W. Tinsley, 48 Midland Ct., Springfield, IL 62702
- \* James Hopkins, 29 Grandview Ave., Pitman, NJ 08071
- \* Harry Adelman, 7 Academy St., Belleville, NJ 07109
- Paul Swearingen, Route 1, LeHarpe, KS 66751
- \* Donald Milnes, 45 Templeton Crt., Toronto, Ontario, CANADA M1E 2C3

## RENEWALS

J. Schmelzer, G. Goodwater, R. Penner, J. Cieslewicz, C. Clayton, C. Bailey,

## FLASH TIPS & SUCHLIKE

By the time you read this, WPEN-950 will be back on the air. In fact it is as I write it, hi. MM 3/3 on 950 yielded little but WKAZ-WJJ and a WPEN ET. 3/1 SSS will be determined by a remote tape. WLYN-1360 TEST 3/3 hrd by RJE w/TTs, Code & voice IDs, bluegrass mx, and some special stuff. Hrd also on 400 watts. WAUB-1590 TEST 2/24 hrd by Musco. Schmidt, Burns, Boyd report that WMBG-740 finally did appear around 0300-0330 on 2/17, so we'll re-list their test for 3/17 as well.

## NOTES &c FROM NJPC

Bob Ammons (411 Keith, Missoula, MT 59801) is interested in VLF propagation and invites any members similarly inclined to contact him. Likewise any members having equipment suitable for VLF which they might want to get rid of should contact him. (VLF = 15-150 kHz.)

We anticipate completion of the Receiver Reference Manual by the end of March. More info later on this.

We have processed some 5000 sheets of reprints in the past 2 months, which has to be some sort of record. Orders delayed during that time were due to the necessary replenishment of stock. All outstanding orders were fully or partially shipped on 3/3, as were all outstanding Log orders. Anyone who has not received same by the time you receive this issue, please let us know.

## C. P. C. TEST SCHEDULE

MONDAY	10	*	0130-0200	* WIGM-1490	* Medford, WI	1000/250	U	NNRC
		*	0145-0245	* WHAZ-1330	* Troy, NY	1000	D	NRC
		*	0300-0400	* KHLB-1340	* Burnet, TX	1000/250	U	NRC
TUESDAY	11	*	0000-0010	* WADD-1560	* Brockport, NY	1000	D	IRCA
MONDAY	17	*	0000-0100	* WBJW-1440	* Winter Park, FL	5000/1000	U	NNRC
		*	0130-0200	* WIBU-1240	* Poynette, WI	1000/250	U	NNRC
		*	0200-0430	* WIMS-1420	* Michigan City, IN	5000/500	U	NNRC
		*	0200-0300	* WSAU- 550	* Wausau, WI	5000	U	NNRC
		*	0200-	* WISN-1130	* Milwaukee, WI	50000	U	NNRC
		*	0230-	* WOTT-1410	* Watertown, NY	5000/1000	U	NNRC
TUESDAY	25	*	0200-	* KGVO-1290	* Missoula, MT	5000	U	NNRC
MONDAY MAY	05	*	0000-	* WIXE-1190	* Monroe, NC	500	D	NRC
	26	*	0300-0500	* KRIZ-1230	* Phoenix, AZ	1000/250	U	NRC
MONDAY MAR.	17	*	0300-	* WMBG- 740	* Williamsburg, VA	500	D	NRC/IRCA

PLEASE REMEMBER THAT WE ARE NOW ON DAYLIGHT SAVINGS TIME, THOSE WHO HAVE SUBMITTED TESTS LISTED OR ARRANGED IN EST SHOULD RE-CHECK WITH THE STATIONS AND, IF NECESSARY, CORRECT THE TIME LISTED HERE,

## DETAILS:

KHLB -- C & W mx, 1 kHz TT & code IDs. V/s: Harry Kaindl, M; Box 398, 78611. Arr. Skip Dabelstein.

WHAZ -- Code & voice IDs, c&w mx, some gospel mx. Calls (prepaid only) welcome at (518)-272-1010. V/s: Gary Koster, CE; Box 784, 12181. Arr. Joe Loverro.

WIGM -- No program details. V/s: Ray Bohnert, CE; Lock Box 59, 54451. Arr. Victor Loberger.

WADD -- No program details. Prepaid calls accepted at (716) 637-3930. WQXR is ON at this time. V/s: unavailable. Address: Box 337, 14420. Arr. James Hopkins.

WISN -- Re-sked of 1/13 no-show. No program details. V/s: Robert P. Johnson, CE; 759 No. 19th St., 53201. Arr. Victor Loberger.

WSAU -- No program details. V/s: Jack Dovison, PD; Box 1088, 54401. Arr. Victor Loberger.

WIMS -- Re-sked of previous no-show, Contemp. instr. mx, frequent IDs, 400 & 1000 Hz. TT; will use 5000 day facilities. V/s: T. Charles Smith, ACE; Old Chicago Rd., 46360. Arr. Eugene Vonderembse.

WIBU -- No program details. V/s: John Schmelzer, CE; R.R. 2; WIBU Rd., 53955. Arr. Victor Loberger.

WBJW -- No program details. V/s: Don Anglin, CE; 222 Hazard St., 32804. Arr. Charles Dite.

WMBG -- No program details. Address: Box 180; 23185. Arr. Paul Mount.

\* Phone 703-354-2135 Before 2200 EDT \* All Times Are GMT \* Deadlines Are Friday \*

Column still a bit slim this week. Only 6 reports. A couple of comments indicate that condx have improved a bit, but apparently most of you aren't hearing anything. Here is what we have . . . . .

- 525 -COSTA RICA TICAL Cartago, Radio Bambos. "Bambos, la mejor musica en la mejor frecuencia" heard w/pop mx and ID at 0300 on 2/17. (Objio)
- 540 -COLOMBIA Station here is ~~still~~ ~~Maricao~~, Bogota, not R. Popular as per IDXD 2/3. Heard ID at 0259 on 2/17. (Objio)
- NICARAGUA YNOW Managua, Radio Corporacion. 2/22 1005-1030. In very good w/many IDs and TCs. First time heard tnx to tip from Seaver's reports. This makes country #16 heard. Tried to hear them on 750 also but too much interference from KCBS and KPMB! (Lobel)
- 580 -PUERTO RICO WKAQ San Juan. Wayne Murphy told me this was an easy one to try for. I got it on 2/10. At 0806 singing ID in SS for WKAQ. (Anderson)
- 620 -COLOMBIA R. Ciudad de Cali, heard w/pop mx and ID at 0427 on 2/17, change of slogan from R. Tricolor? (Objio)
- 650 -VENEZUELA R. Vision, Maracay, at 0307 on 2/17, pop mx. (Objio)
- 660 -NEW ZEALAND 2YC Wellington, 2/25 1040-1100 w/lite orchestra mx 1100-1113 w/orch mx then s/off w/mentions of some programs tomorrow, etc.; off 1114 leaving an Aussie w/r organ mx, couple of mx items 1115 then disappeared. Maybe 2YC OC brought that in? (Vernon)
- 680 -COLOMBIA R. Nacional de Colombia, Zambrano, s/off at 0426 on 2/17, ID w/all tx and freqs. (Objio)
- 700 -AUSTRALIA 2NR Grafton, NSW logged 2/11 and 12 w/religion 1250, mx 1255, had sports 2/22 1248, noted incredibly clear of late just before s/off at 1301.
- 730 -MEXICO XEX La X la Voz de Mexico 2/20 0835-0900+ w/many SS anmts and promos, little mx heard though, this w/CKLG off for once! (Vernon, last 2)
- 740 -VENEZUELA To Schatz: Stn here is R. Maracaibo, heard IDing at 0315 on 2/17, your "R. Eco" could well be "Ecos de Pasto". (Objio)
- 775 -COSTA RICA Station heard announcing operation on 775 kcs. and ID as "Esta es ....." several times, but could not hear the complete ID, heard at 0330 on 2/17. Probably R. City. (Objio)
- 810 -COLOMBIA HJCY Bogota, Radio Sutatenza 2/17, SS talk and mx 0937-0945, mentioned some kind of switch 0945, many IDs hrd 0945+ as R. Sutatenza. (Vernon)
- 840 -AUSTRALIA 4RK Rockhampton, Qld., 2/24 heard only in patches, w/ballad mx 1346, rel 1351, ABC mx clearly 1355, anthem 1401. (Vernon)
- PANAMA R. Libertad, not Libertado as mentioned by Hardy in IDXD 2/3. Heard ID at 0449 on 2/17, also announcing that "SER, Sistema Estatal de Radiodifusion" was to start operation shortly, quite probably a network comprising all stations in the country. (Objio)
- 880 -GUATEMALA TGJ Guatemala City, Radio Nuevo Mundo, 2/12 o/KRWN 1208-1211, IDs 1209 and 1211 after many anmts. (Vernon)
- 885 -UNID Oriental language used and heard Kremlin Bells ID at 1330 on 2/23. Brand new here. Any ideas? Will follow up on this. (Wilkinson)
- 930 -VENEZUELA R. Maracay, Maracay ID at 0500 on 2/17, pop mx, heard some time before on 920 but here now. (Objio)
- 950 -DOMINICAN REPUBLIC Radiodifusora HIG, Santo Domingo, announces a change of name to "Radio Fiesta" soon. (Objio)
- 1005 -COLOMBIA R. Colosal, Neiva. This is the stn heard here on 2/17, ID at 0504, quite strong and clear, not a sign from "R. Mil en Managua" possibly because of nearness. (Objio)
- 1010 -UNID 2/24, 1035-1050 then faded, 1057-1104 in very clear SS w/many R. America IDs, can find only OXLU, Peru listed but times don't check w/WRTH 74, ID clearly though 1102 "en Lima transmite la America" or similar. (Vernon)
- 1015 -UNID Oriental language heard. Unable to ID. Heard w/very irregular signals at 1116 on 2/24. Need some help on this one. (Wilkinson)
- 1020 -VENEZUELA YVRS R. Margarita, 2/25, is indeed this, seemed to s/on w/band mx 1000, then "Buenos Dias Margarita" many other IDs, ads and LA mx. Unid before this in unid language, w/folk and EE rock mx, picked out Manguels (Cont)

- 1020 -VENEZUELA/UNID (Sont) french fries 0930 also male anc "Summer Song is #4". After "Summer Place" inst mx? YL anc, 0910-0925, between ~~mx~~ nothing close to an ID heard. (Vernon)
- 1030 -MEXICO ~~WJZR~~ R. Centro, Mexico DF, XEQR ID after each song. I kept on hearing a SS stn, they had a certain musical jingle before each ID. My reception was on 2/17. (Anderson)
- 1050 -COLOMBIA R. Familiar, heard IDing at 0410 on 2/17 but could not get name of location as it went down the fade soon, I am not sure if it is in Colombia either, but it is the most probable country according to DF. (Objio)
- 1135 -NORTH KOREA "Voice of the Revolutionary Party" station heard from 1211-1400 on 2/23. Not hrd on 2/24 even though tuned many times. (Wilkinson)
- 1140 -COLOMBIA R. Cristal, Medellin, pop mx, ID after each record "R. Cristal esta en todos partes", at 0405 on 2/17. (Objio)
- 1160 -DOMINICAN REPUBLIC HIBG Santiago, Radiolandia, I received this stn on 2/20. It was coming in good, measuring S7-9. KSL faded out and Radiolandia came in. SS mx ID at 0200. (Anderson)
- 1170 -COLOMBIA Ondas de Macondo. Did not mention location, but I am almost sure it is in Macaio, since they announced that covered "Peninsula de Guajira, region de Cesar y Venezuela". It is probably a change of name from R. Peninsula. Could not hear either "Ecos de Combeima" or Valledupar, (Objio)
- 1180 -VENEZUELA R. Petrolera, Ciudad Ojeda, "La Dinamica", heard s/off at 0355 on 2/17 w/Venezuelan NA. (Objio)
- 1210 -HAWAII KZOO Honolulu, 2/23 1315-1326 w/long ballad mx, unid language, extremely wavy sig. YL at 1325, then into EE 1326 w/ID, lots of CKDA-1220 splash. (Vernon)
- 1250 -USSR Vladivostok FS, 2/23 1257 w/USSR anthem, Kremlin bells 1300, but nothing else. Channel seemed quite crowded by this time. (Vernon)
- 1280 -HAITI R. Metropole, Port-au-Prince, w/ads in EE at 0359 on 2/17. (Objio)
- 1586 -WEST GERMANY NDR Langenburg, w/super sig 2/17, orch mx 0615+. Quite steady almost equalling ETers on 1580 and 1590 in strength. Other high band TAs noted at lesser strength. (Sundstrom)
- 1590 -DOMINICAN REPUBLIC (Cuba?) R. Hit Musical in IDXD 2/3 is sounds strange, could this be Santiago, D.R. on this freq. Name and freq match, call letters are HIDA. (Objio)
- 1600 -DOMINICAN REPUBLIC R. Femina, Santo Domingo is now here from 590. (Objio)

A couple of veries . . . .

- 1350 -JAPAN JOER Hiroshima City, 10 kw. Letter and card verie for report of 2/2. V/s Mr. Sigeru Ikeda, Director of Engineering. (Wilkinson)
- 1580 -COLOMBIA HJQZ R. Principe, Barranquilla. Form letter and postcard received on 3/1 for Oct. 74 report. Form is for HJAC-1070, HJFA-1340 and HJQZ-1580, all owned by Organizacion Radial Olimpica Ltda. R. Principe specified on form. Signer is Gerente, but illegible. Address Apto. Aereo 51-266. (ED)

The reporters for this issue . . . .

Mike ANDERSON - Louisville, Kentucky DX160, 2'10" Spiral loop  
 Albert S. LOBEL - El Cajon, California DX150A, Sanserino loop  
 Cesar OBJIO - Santo Domingo, Dominican Republic Lafayette HE-30, 4' loop  
 Tom SUNDSTROM - Willingboro, New Jersey HQ150 w/SB-620, SPR-4, SM-2, 2 LW's  
 Brian VERNON - Port Hardy, British Columbia DX150A, 2 LW's  
 Hank WILKINSON - Santa Rosa, California SP600, Sanserino loop

Thats it. There ain't much room left, but this is cutting into my drinking time so will leave it for headquarters. Don't bother reporting folks, I've decided its nice to have nothing to do. 73

## THE ONE AND ONLY



Stations and networks reserve the right to make last-minute changes.

editor.. Wes Boyd  
 960 W. Liberty  
 Girard, Ohio 44420  
 Boyd 216 545 4543  
 Silly " 545 4453

Here group,

Suggest you make notes of the phone numbers listed above, and try not to confuse mine w/ Silliman's. We got enough trouble ourself, somehow we never make it the first try at calling each other. On top of everything else "MA BELL" moved me!! (Sort of anyhow!!) I'm still the same place--960 W. Liberty Street--the Post Office, Police, City of Girard,etc. agree. But in the new phone book the street doesn't exist--tis listed as Ohltown-Girard Road. Now all I gotta do is figure out where they moved W. Liberty Street.

This issue and next will be the "FUN" ones, which involves conversion to good old DAYLIGHT time. As before, those in daylight time are marked w/ DOTs. Canadian reporters, and those in states that don't convert, are requested to convert reports to DDxD to ELT. While I'm on the DAYLIGHT TIME bit, I think ARIZONA--IDAHO--MICHIGAN--and Hawaii ....remain on STANDARD TIME!

Now a handful of 1450 loggings from KDF, those Chicago guys are cleaning up w/ WVON 1450 gone BYE-BYE!!

WMOH OH 2/7 Fair o/ WKEI 1659  
 WAOV IN 2/5 On top 1758 w/ ID  
 WASK IN 2/16 W/ SX promo 1852  
 WWXL KY 2/7 O/ WXVW w/ couple IDs 0000  
 WROB MS 2/12 Poor u/ WXVW 0059 w/ s/off  
 KENA AR 2/12 Fair in mess 0209 on ET  
 WROX MS 2/15 W/ s/off & SSB 0109  
 WLAY AL 2/15 Briefly w/ ID & promo 0456



405 SOUTH SEVENTH STREET - P.O. BOX 2966  
 FARGO, NORTH DAKOTA 58102

changes

- 910 WOKK MS Noted s/off 0210 on 2/21, anncd. s/on 0500 (Silly)  
 810 WEDO PA Is RR oldies & does s/off o/ William Tell Overture (includes sound effect of horses & such). (FM)  
 WEKG KY Noted this has a Sunday s/on 0700 (FM)  
 1270 KTFI ID S/off of this may now be 0220 (0320 ELT!!) (NRC)  
 1520 WTUU OH Isn't NSP, was just NSP a few weeks in Dec. (FM)  
 1560 KPMC CA Delays Ae nx & runs till :59½, then IDs & goes to CBS nx (WM)  
 1600 WAYC PA This is light RR format w/ Ac net (FM)
- 1st. MM::KCUZ 1490  
 1st. THU:WTCO 1450--WSVL 1520--WKDO 1560--WLSI 900 (FM)  
 3rd. MM::KWKY 1150 w/ 1K TT & IDs every min. (JF)  
 4th. MM::KLEO 1480 w/ 1K TT & IDs (HWB) WCCR 1580 w/ 1K TT-IDs beginning & end (RA) WHSC 1450 w/ TT (ELK--SILLY) WJDY 1470 w/ 1K TT (ELK)  
 4th. TUE:WHMT 1190 w/ 1K TT (HWB)  
 4th. THU:WHLY 1530 w/ DT & lotsa IDs---KRGJ 1430 w/ 1K TT & ID at end (HWB)  
 4th. SAT:KBRS 1340 (NRC) KIML 1270 (NRC)

And now a few possible f/c things:

- 4th. SAT: WQDE GA Hrd. 2/22 w/ 1K TT & anncd. f/c 0002-0005, Regular??(WM)1250  
 3rd. SAT: WMOC TN On 2/12 ended RS, did F/c w/ DT-phonetic IDs 0345, then back to RS --(KDF) 1450  
 3rd. SUN: WINU 1510 reported as a f/c 0100 (NRC)  
 2nd. MM:: KCIA NM (1110) Had f/c w/ TT 0215-0230--Tis regular per call to station (FM)  
 4th. THU: KYMO 1080 MO "NEW" r/c 0640-0650 w/ TT per Skip Dabelstein

AND NOW TO HELP FILL UP THE SPACE LEFT DOWN HERE:: "CALL CHANGES" \*\*\*\*\*

- 720 KQRX NV seeks KDWN 1360 WBAY WI seeks WGEZ  
 1170 KBER TX granted KQAM 1390 WNUS IL granted WVON  
 1270 \*CP\* VA Buena Vista--seeks WBNV 1460 WRAC WI seeks WRKR  
 1540 WPTS PA granted WARD

COME TO **YAD..Hubbard,Ohio**  
**MARCH 28-30**

**SUNSET & EVENING THE STRUGGLES, LOVE, AND TRIUMPHS OF HUMAN ODDITIES.**

With support like this.....Gee, I feel like Alan Morrison & IDKD!!!!!!  
 1380 WMEA KY 2/21 Poor 1829 s/off w/ SSB o/ post WYMK (WM) How dare you call a station I need a PEST!!!! (HWB)  
**WBFN RADIO**  
 1460 WBYI GA 2/21 Fair at s/off 1814 --no SSB (WM) QUILMAN, MISSISSIPPI 38355  
 1480 WYZZ GA 2/19 Good w/ nx & a request for listeners to write station so they could wish them a happy birthday (WM) Boy, You sure hear strange stuff!  
 1550 WTHB GA 2/12 O/ WYMK w/ R&B 1753; "The People's Choice" (MD)  
 1580 WORG SC 2/12 Atop, 1800 s/off (MD)

No gang, we're ain't kidding around. Even delayed the entire section an extra day to make it bigger-----Har De Har Har Har...FLURPP!!  
 midnight to sunrise

- 550 KTSA TX 2/24 Loud & atop w/ female anncr. & nx 0245 (HWB)
- 560 KLVJ TX 2/24 W/ ER-& IDs 0428-0435+, again 2/26 0049-0115 above WHEQ w/ automated sounding RR (Silly)
- WESC MN 2/17 Noted w/ ID 0104, Believe had TT later, (ELK) You been into more of your Chicago \$1.25 a gallon stuff??-HWB
- \*580 WTAG MA 2/24 S/on 0459 w/ long jx, ID, nx (HWB)
- 620 WDMC NC 2/24 Noted AN w/ MOR & such, NSP now ??? (HWB esq)
- 630 WEJL PA 2/17 TEST: Hrd. by: (ELK--TRS--JP--PrM)
- WPRO RI 2/24 W/ nx 0301-0304 wx, to RR on top most of time, but still weak--no Castro (Silly--HWB)
- KNOW CO 2/24 Noted 0345 w/ "Adult MOR" stuff, mostly u/ WPRO. Paded up 0400 for nice ID, into live nx. This & WPRO gone by 0415 as Cuban came back (HWB--Silly)
- 680 CFTR OH 2/17 ET?? w/ rock 0101-0115, no breaks in between (PrM) Doubt it!! Recall them killing freq. that AM w/ RR in RS, maybe youse had WROK on ET--Next time try to get an ID!!--HWB
- 740 WMBG VA 2/17 TEST: Not hrd:: (TRS) Hrd: (JF) \*\*\*Seems this was OC at best till 0330 or so, then into RR w/ many IDs for about 15 min. Nuttin' much hrd. after 0400--HWB
- 800 CKLW ON 2/20 Off for xstr. adj, this & 2/21 at 0015 & 0035 (RA) How BARE you hear them OFF!!--HWB
- CJAD PQ 2/21 MOR, ID, nx 0100-0103--weak u/ PJB in CKLW SP (RA) Keep it up & we send FD over to picket your home!!
- 850 WJW OH 2/17 Fair in mess w/ s/off 0000 & vocal SSB (PrM) SO ???-HWB
- 930 WKEN NY 2/17 (Another BIGGIE gang!!) Way u/ WPAT w/ talk & light RR 0333-0339. Funny I get this u/ WPAT, but can't get WINE (PrM) I thi the word SAD is more like it!!--HWB
- 950 WLOP FL 2/7 Fair w/ RR in WWJ null --0056 (MD) FAR OUT !!
- 970 WJMK SC 2/7 ID u/ WWSW & unid OC, 0106, Mention WSTN 103.1 FM. Is this RS or ET ??? (MD) Think is AN-6, so was RS--HWB
- 1030 KTWO WI 2/24 This fair, louder than usual, in SS null 0150-0205 w/ talk shows (HWB)
- 1100 KHEX CO 2/24 Bits of s/off 0209-0209M, no SSB noted--local ENL (HWB)
- WWEV OH 2/25 Noted off 0145-0205, then OC to 0215. Some low level mod. w/ H. Alpert stuff to 0225 then 1K TT. Dunno when back on RS (HWB)
- 1140 KGEN ID 2/24 Fair 0145 w/ relig., this still on STANDARD TIME so gives an extra hour to bag it MMs, if not bothered by CBI!! (HWB)
- 1310 WJBA WI 2/17 TEST: Hrd. by: (ELK) Not even tried by: (TRS) Hey TOM, I hrd. WCAM s/off w/ SSB at 0302 that MM--YOU LOSE!!--HWB
- 1390 WYON IL 2/24 Fair u/ WCSC-WFBL w/ R&B, Chicago wx, contest, etc. Lost at 0145 to local WFMJ TT ET (HWB)
- 1400 WOND NJ 2/24 ET w/ TT 0008-0017 (ELK) Was the radio on or off??-HWB
- KNOR OK 2/10 Noted w/ s/off by female anncr. 0102, Was looking for the WGLL DX (WM) 2/17 Strong w/ MUSIC-RADIO ID 0255 (KDF) WHAZZIS???? One MM he's off 0102, next in RS 0255???-- HELP!!--HWB
- 1420 WKEW VA 2/27 ET w/ TT & C&W nx (Blecchhhh!!) 0019-0035+, well o/ good old WHK..HUZZAH!! (Silly)
- 1450 WHLS MI 2/17 Atop w/ jx, wx, soft RR 0132+ (KDF) **What's New Outdoors?**
- 1490 WFOR ME 2/17 Briefly atop w/ ID 0025, then lost to unid w/ R&B (PrM)
- 1500 WBFN ME 2/17 TEST: Hrd. BY: (MD--JF--KDF) (TRS too!)
- \*1510 KMED SD 2/24 Trans. & Equip. tests 0212-0225, Easy o/ CJRS QRM & ran C&W nx; All maps I've seem spell city as MILBANK (ELK) New SD on ET huh.--That's the last time I bother to call you w/ a TIP--HWB

- 1550 UNID TT 2/10 ET ending 0245, hrd. mention 200 wt., address as 8283 7777777ten Pike (Dayton--Denton--2YT); Asked for reports, said they were going to "QRT" & then off (WM) I had some thing -RJE
- 1580 WSHF FL: 2/17 ET hrd. by: (KDF--TRS--ELK--PrM) 2/24 ET hrd. by (RA) WCRV NJ 2/17 TEST: Not hrd. by everyone..including(PrM--TRS)2/26 weak ID 0136 u/ loud OC & TT (HWB)
- \*1590 WGOE VA 2/24 Another stupid ET w/ RR & silly stuff most of AM (dm-HWB) WAUB NY 2/24 TEST: Hrd. poorly by: (RA--dm) Both hrd. CW IDs, very nice catch guys, maybe more of us should have sat this one out--myself included!--HWB

On so, as the sun sets in the north. another edition of DDXD ends. Ain't you glad??

REPORTERS (Had it not been for these faithful DXers I could have been out chasing females & getting drunk).  
 RA Ray Arruda N. Dartmouth, MA SX 122 & SMI  
 MD Mark DeLorenzo Centerville, MA HQ100 & SMI  
 JF Jeff Falcomer Clinton, On Kenwood 9259DS & SMI  
 KDF Karl Forth Villa Park, Ill. HQ160 & SMI  
 ELK The Great KREJNY Middleboig Hts, Ohighe HQ194 & SMI  
 WM Wayne Murphy Louisville, KY HQ129 & loop

PrM Paul Neuth Teaneck, NJ Panasonic RQ 4465 & bicycle  
 FM Frank Merrill Toledo, OH Panasonic RF1200 & no bicycle  
 TRS Tom Sundstrom Willingboro, NJ HQ150 SMI/SPR4 & LW & other goodies  
 Silly Long John's Silliman Girardski, OH Zenith 70 1000  
 HNB Mineself Other side of Girardski, OH HQ180 & semiworking loop.  
 Should make mention of a couple future deadlines: 3/26 and 4/9. There be no deadline the week between. Hope to see many of you at Starr's place YAD weekend. I know ELK & dm will be there, but come anyhow!!

**W. TRU**  
 MUSKEGON, MICHIGAN 49444

WAGL Radio  
 Lancaster, S. C.

Silly SKI & HNB  
 Wes & Sillski

see Bear in mind what we said on cover of #18 about publication dates. Wes typed the above before getting the word from Starr on this, so I changed his copy accordingly. No DEADLINE at Editors 3/19-20, as no issue, hi.

Re the 1550 unID above, my best guess was "Washington Pike", but I got no semblance of anything for the town. A check of RTB yielded no help, so must be someone who uses a box # for mail in both HEB & DL. All I know is it ain't WOGO, as I know where their XR is, hi. Help anybody ??? - RJE

I'D RATHER GO TO  
 YAD IN HUBBARD, ONIA MARCH  
 25, 29/30 THAN HEAR ALASKA ... ALMOST.



VERIE SIGNERS

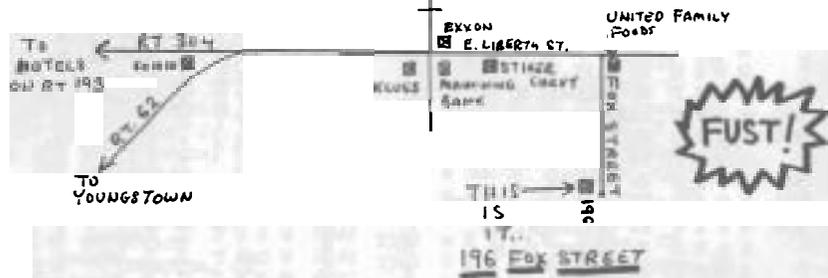
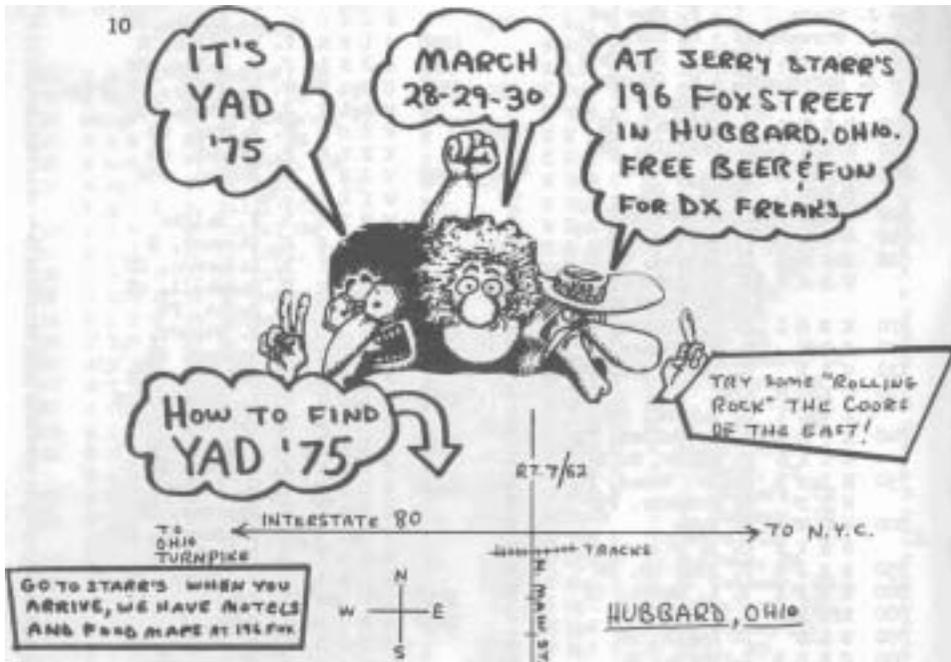
A - C. Wolff C -- K. Jeter 1310 W lFs E R. Kaghan, PD B
B - H. Weeden D - J. Starr 1320 W KqT P R. J. Gon, DoE B
E - (unsigned) 1330 W KqA Q C. E. LaBar, CE B
560 W FqI L R. McCloy, CE B
570 W MqC A J. Pate, CE B
610 WmIqP C. D. Deugate, CE B
660 K S K Y M. Ming, CE E
690 W AcD S F. Santore, CE B
710 W QqR O. J. Sather, CE B
W Q B X D. Hall, ACE D
730 W J M T W. Smith, GM E
770 W AqB C W. H. Loyd, CE B
790 W E T B K. C. Hill B
800 C KqL W E. R. Buterbaugh, CE B
810 W Y Y S R. Hansen, GM E
830 K IqK I A. L. Roycroft, CE A
840 WFR YmM J. Bunker, CE B
860 W T E L J. L. Layton, CE B
880 W CqB S C. Adams B
900 W L S I J. Showse, CE D
910 W R K L P. B. Morton, CE B
W S B A R. McCleaf, CE B
920 W M P L R. Nelson, CE E
940 W E O O R. Jenison D
WFl NmE P. M. Caloie, CE B
950 W L I T P. Francis, GM E
990 C B W Helen Sinclair, PubRelA
W EpI S J. Davis C
1000 K K I M D. Worden, PD E
1030 K C T A R. Hughes, CE A
1050 K MmI S K. Moorland C
WfJ SmB G. L. Cain, PD C
1060 K U P D W. J. Ellis, CE A
1070 K NqX R. Hammond, D, TechOpA
1080 W KpL O B. Clarke, VP, CE C
1090 W BqA L N. A. Hedrick, CE B
W M U S R. Moore, Jr., CE E
1100 WcL BpB (B. Thornburn, VP, GM C
(R. K. Bronn, PD C
W H L I N. Sternberg, CE D
1110 W K D Z W. Wilson, GM C
1120 K MqO X R. Gotsch B
1130 W NqE W P. Champion, CE B
1140 K B I L M. Sampson, CE D
W RqV A Ann Williams, PubRel B
1150 W C R K J. A. Redden, CE B
W T M P L. Phillips D
1180 W HqA M A. Davis, CE B
1190 W P U P D. Moore, M D
W H M T F. D. Boyd, GM D
1210 W CqA U Dep't of Eng'g B
1230 K F P W J. L. Whitt, M D
1240 W BrE J L. R. Williams, CE B
W J E J E. A. Brown, CE E
W O B T R. Sweet, GM E
W F O Y E. J. Doyle, CE D
1260 W CFR T H. Fredericks C
1270 K ApD L C. Pierie, M C
1280 W DpN T J. S. Pullin, M, CE C
W GfT X D. Frantz, Trf. M. C
1300 K H A C A. Borrett, E D
1310 W IqF E M. G. Smith, CE C
W Jfa M E. W. Hanna, GM C

1310 W lFs E R. Kaghan, PD B
W JoL K F. Huber, CE B
1320 W KqT P R. J. Gon, DoE B
W KqA Q C. E. LaBar, CE B
W ApG F M. Edwards, PD C
1330 K PqO K H. C. Davidson, CE A
W T R X D. Gale, CE D
C K O X D. Zufelt, CE D
C K N R R. G. Rylatt, CE D
1360 W DqR C W. Mulligan B
W SqA I u/u, CE B
W LpA W J. D. Clarke, CE C
1370 K G E N J. Alpers, PD A
K R E L D. Paulson, CE A
KpG Mms G. Feutz, CE A
WcA WmZ J. Peersall B
1390 W EmA M H. Rand, CE B
W BqO K J. W. Kostenko, CE B
W R I V J. J. Sitone, CE B
W W O D J. A. Bernard, CE B
1400 K T N M S. J. Barnes, GM D
W CfO H B. Gaddy, Trf. M C
K OmN G R. Schwamb, CE A
1410 W HqT G C. R. Teeters, CE B
1420 WfOqCm E. E. McHenry, CE C
W VpJ S E. Jagoe, CE CE
W GpF S B. Hoffman, GM C
1430 W ShG O R. C. Gessner, GM B
W WpC C J. Longshore, PD C
K OpK Y J. D. Black, PD C
1450 W BpH F W. Frye, PD C
W CqM B J. R. Thomas, CE B
W J J Z W. P. McQuiggan, CE B
W MqB R R. Lucas, CE B
W Pfr W T. J. Curtis, CE B
W DpY X R. Joseph, O C
1470 W BfI G W. G. Barnes, CE C
1480 K WrU N W. Adler, P A
W I O S R. Van Buhler, CE D
1490 W BmC B J. Super, CE B
1510 W RqA N K. Koughan, SM B
1520 W KqB W L. Fieder, CE B
1530 W H I Y W. Mobbs, CE D
K B E S J. H. Dubuque, CE A
K XqE L C. Pierie, M C
K G B C L. Stripling, CE D
1550 W Cff W (L. J. Freshwater, PD C
(R. D. Tooley, CE C
K Qfx I L. Allen, CE A
1560 K G H O W. Hardy, TSu A
W QcX R W. Neilman, VP, GM B
1580 W F V R R. Salter, P E
K T G R K. Kenzie, AE E
1590 W WfU N W. Powell, OpM C
1600 WqA AmM M. G. Murphy, CE C
W S T L R. Cook, GM D
W A R U D. Walrod, CE D
Did you know that a fellow who DXes and
doesn't verify is like the guy who shov-
els elephant manure in the circus? They
asked why he never quit. He said, "What,
and give up show business?" We should
try to be professional in DXing, just as
in everything else. SKIP LABELSTEIN.

VERIE SIGNERS

A - H. Weeden G - C. Dabelstein 1190 W P U P D. Moore, M C
B - R. Musco H - M. Anderson BCL
C - J. Starr I - F. Wheeler H
D - S. StrentzchJ - M. Sorensen 1250 W L E M V. Ianzillo, M C
E - unsigned K - J. Falconer 1280 C J S L J. T. Laing, GM J
F - J. CritchettL - E. Cooper 1320 C HqQ M M. L. Poisy, VP, Prog. J
M - M. Ramirez C
550 C K P G D. Alendal, CE J
560 K L V I S. Sandlin, CE D
580 W IqL L B. P. Beldon BE 1340 W J R I J. Joines, OpM B
C KqU A "Hugh", CE J
590 W Kcz O F. Moore, ACE C
600 C F C H V. Dionne, CE K
610 WnS NqG S. Leland, CE B
W D A F (J. P. Schmitt, CE D
(J. P. Schmidt, CE M
670 K B O I J. A. Johntz, P, GM J
690 C BqU F. H. Bucher K
710 W H B C. R. Nonemaker, StuSuD
730 C KqD M u/u J
K WhO A S. Larson, CE E
740 K T R H L. A. Mullen, TD D
W C A S N. Smith, Nx D L
750 H InD B Arano Bazan, PD L
W S B G. Fischer, PD H
800 W S H O D. Kern H
W S V S C. E. Wilson, P, CE BK
850 W W J C R. Elm, CE, GM K
870 W E V A E. A. Short, CE K
880 Kfr VhN G. J. Bitner J
890 W L S D. Amell, CE D
900 C K D R H. Syrja, M C
K J S K M. Kincaid, M C
910 WqR CmQ G. Fortune, CE L
K R R V K. K. Crippen D
W O K K R. Wall, CE C
920 C F R Y R. Hughes, M CG
940 W I P R Alberto Zayas, SD C
950 C K N B R. Alberts, GM C
W B E R V. M. French, P B
960 K F L N R. Newell C
980 K M B Z C. R. Langreth, ESu D
990 W J E H R. Callihan, CE C
K A M L D. Smity, O, M D
C BqF I L. Martin E
W N T Y T. Cawett, CE E
WqN NmO J. Taylor, GM L
980 K M I N C. Jackson L
1000 K K I M P. Liernan, PD, CE B
W X T N Fanny Mae Cothran, M, E C
1010 H JnC A. O. Herrera, G L
1060 K C L T B. Buchanan, VP, GM D
1050 C KqS B R. Brodeur, Tech'n J
1070 W AcP I u/u C
1090 K AcA T W. Smith, CE C
1110 W MqB I u/u E
C HqQ T F. Makepiece, CE J
1120 H I C N Dr. F.A.G. Tineo, D.G. L
1130 W N E W P. Champion, CE H
CfK WmX R. T. Bye, PM J
K WqK H F. Page, TD K
1140 K GqE M L.R. Sterkenberg, CE K
W R V A A. Williams, D, Prog D

1190 W P U P D. Moore, M C
C H T N J. R. Bentley, CE BCL
W O W O W. L. Wolfe, CE H
1250 W L E M V. Ianzillo, M C
1280 C J S L J. T. Laing, GM J
1320 C HqQ M M. L. Poisy, VP, Prog. J
W Icl S J. Hackman, CE C
W C O G T. Walker, CE C
K X Y Z P. Dudeck, CE H
1340 W J R I J. Joines, OpM B
W I Z E u/u K
W M I D R. N. Palitz A
W E N T R. Stewart, E C
W L D Y B. Anderson, CE C
W L A V C. Campbell, CE G
1310 W O R C D. Smith, PD D
1350 W W B R H. L. Wicoff, K
1360 K SqC J A. Kruger, CE E
W DqR C W. Mulligan, CE B
1380 W IqC Y W. A. Cooper, CE E
W G U S S. Daitch, CE B
1390 W E E D L. Jones, Cop B
K J P W J. Keller, Nx D G
1400 W O N D E. W. Storck, CE K
W Rca K G. Sherman, CE C
W AqT W S. Henderson, CE E
K A O K D. Petrlik, CE G
C I N L A. Holmberg, CE F
Cff UmN F. Goss J
1420 W K C W T. Ross, E B
K TqJ S A. R. Fuchs, CE E
W V J S E. Jagoe, CE C
1430 W Q P D L. Howard, Op D C
1440 W J B Q P. Lentz, CE L
C J O I B. Batter, Nx D F
1450 W W X L J. Campbell, CE C
W X V W M. Fleming, CE C
K C T I F. Wilson Jr., CE D
1460 K R M E J. Fridle, GM D
K SqO J. Roskos, ESu B
1470 W FqA R S. Schafitz K
W R G A L. Ross, CE E
1460 W B U C J. Newman, P, CE C
1490 W SmN T J. G. Whaley L
1500 W B R I C. D. Flood, CE I
1540 K P O L F. Cherny, CE C
1550 W D L R S. Messer, CE C
W Cms J R. Cooper, CE I
W Y O U W. Polk, CE B
Nice q u/u J
1554 W MmL O J. Synajeski, CE L
1570 W FcV R R. Salter, CE C
1580 WmO RrV V. C. Flaugh, CE I
1590 W J S O A. Lefeuvre, CE G
K P R T R. Anderson, AGM G
W G R Y J. Sylvester, P G
K V G B G. B. Scheuerman, E C
1600 W P O M J. Johnson, CE C
K CcrG W. G. Alliss Jr., CE C
W UpN R K. Noyer, Off. M C
Thank you for your excellent support of
of this column, men! We have more than
a full page still, on hand, coming soon.



**SECRET INSTRUCTIONS:**

- **MAP SHOULD EXPLAIN ITSELF. ANY QUESTIONS, WRITE OR CALL. IF YOU GET LOST, NUMBER IS 216-534-1394.**
- **DON'T ARRIVE BEFORE 7:00PM MARCH 28TH, I WILL BE AT WORK TILL THEN. YAD BREAKS UP AFTERNOON OF MARCH 30TH. ZORCH!**

**CBS RADIO**

A Division of CBS Inc.  
51 West 52 Street  
New York, New York 10019  
(212) 765-4321

Dear Wes:

February 5, 1975

Jim Burns, the Chief Engineer at WBBM Chicago, has forwarded a copy of your letter to me regarding the spurs. I want you to know that I appreciate your time and effort involved in writing the letter.

I am taking immediate steps to get involved in this problem and as a first course of action I plan to send my spectrum analyzer out to WBBM and have a good look at what's going on in the plate of that 50 kw transmitter.

It is my recollection that this problem was present in the past, but we installed a trap tuned to WGN's frequency that ended the problem at that time.

As you know, the make up of intermod products is such that WBBM's transmitter may be clean but that some other B/C station could be the culprit even though you hear the WBBM modulation on the spur.

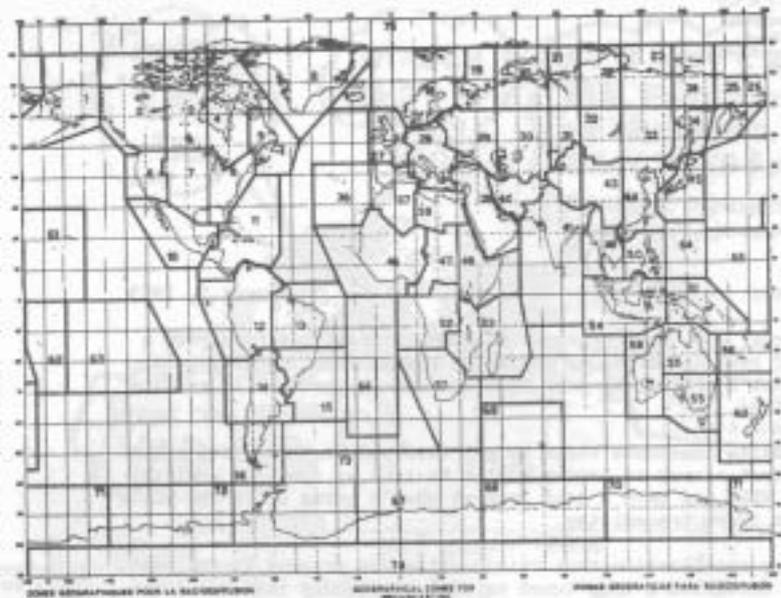
Again thank you for your time and courtesy and be assured that it is greatly appreciated.

Cordially,

*Charles B. Cohen*

Charles B. Cohen  
Associate Director, Engineering  
CBS Radio

Mr. Wes Boyd  
960 W Liberty Street  
Girard, Ohio 44420



### "THE BROADCASTING WORLD AWARD"

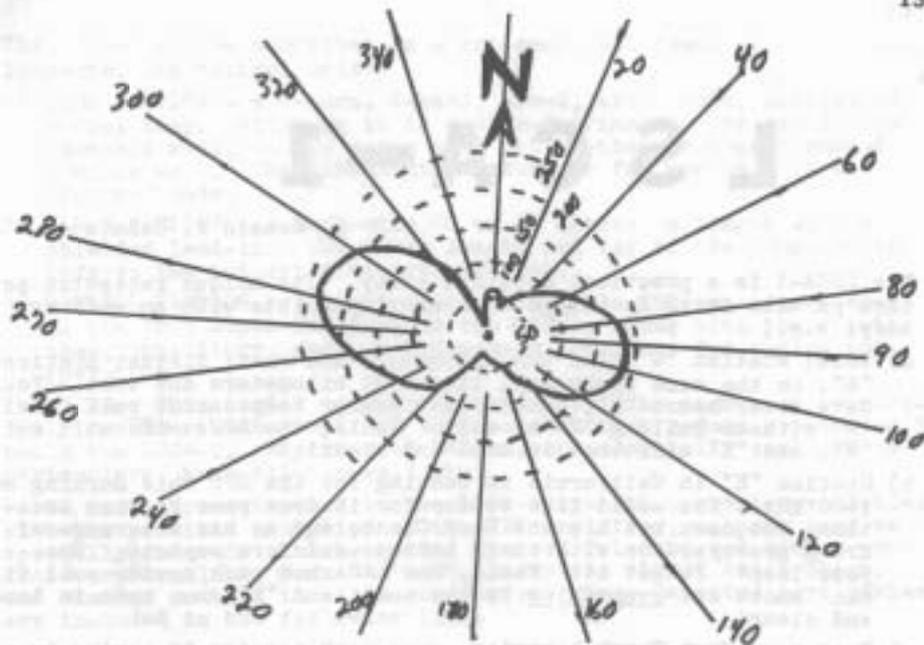
This award is based upon the radiozones in which the world has been divided by the International Telecommunication Union. The award can be applied for by all DX'ers holding verifications from broadcasting-stations in 25 of the radiozones. Stickers for 30, 35, 40, 45, 50, 55 and 60 zones can also be applied for.

The verifications must be dated after November 7, 1971. All bands, 0.5 to 30 MHz, can be used. All loggings must have been done within the same country.

The application, showing (in this order) zone, country, station, frequency and date on verification, shall be checked and signed by two other DX'ers. STDXK has the right to ask for any particular verification we would like to check. The verification will be returned as soon as it has been checked.

Basic award, for 25 zones, cost one (1) US dollar, 5 Sw Cra or 7 IRCs. Stickers for higher number of zones cost 2 IRCs each.

The application, together with the fee, shall be sent to: STDXK Awards, P O Box 174, S-780 24 Idkerberget, Sweden



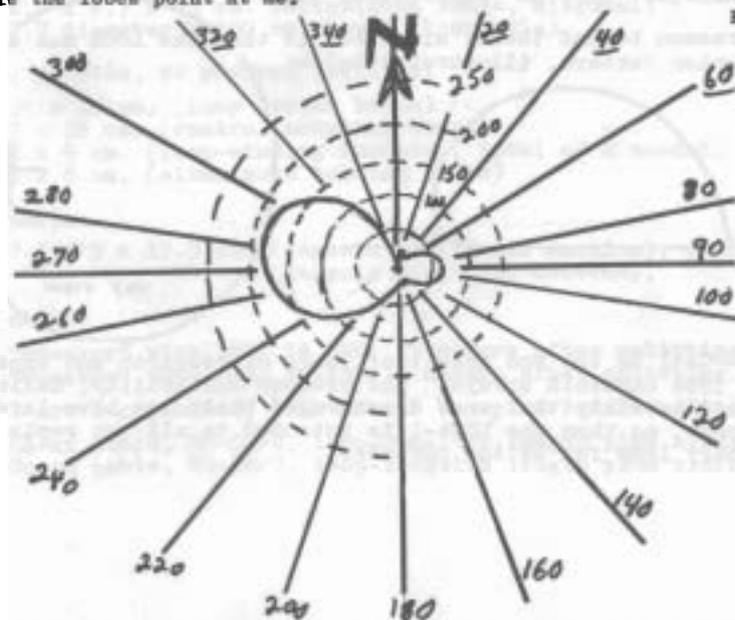
NEW "YOUNGSTOWN, OHIO" 1500 KHz

Top pattern shows the 500 watt daytime pattern

Bottom pattern is the 250 watt critical hours pattern

Both patterns develop similar power west, but during critical hours the power off the back drops quite a bit. Note that as usual Starr gets minimum power while the lobes point at me.

H.W.B.



THESE PATTERNS ARE NOT TO SCALE USE IN THE NIGHT PATTERN BOOK!!

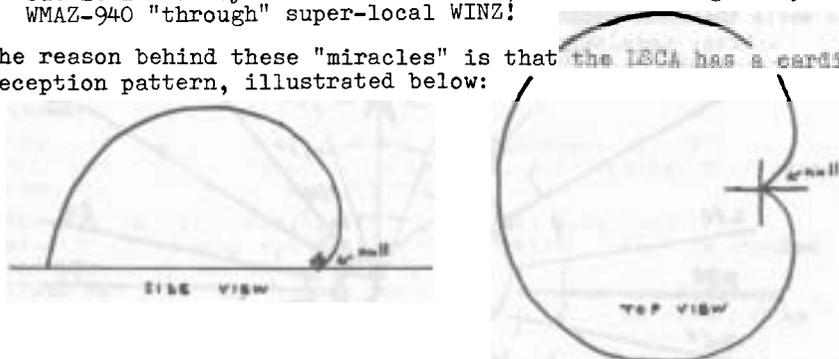
# L S C A - 1

§ Ronald F. Schatz §

The LSCA-1 is a practical cardioid array. Its unique reception pattern permits it to do things that are impossible with an ordinary loop; e.g.,

- Local station "W" lies ten kilometers due east; distant station "K", on the same frequency, lies 1000 kilometers due west. You have never heard "K", since your regular loop cannot null local "W" without nulling "K" as well. Voilà, the LSCA can null out "W", and "K" will come in loud and clear!
- Station "K" in California is testing for the CPC this morning on 1400 kHz. You would like to try for it from your Midwest location, but dawn has hit the East Coast, and so has a barrage of fresh graveyards with their anthems and farm reports. Use your loop? Forget it! Voilà, the LSCA has such a wide null it can knock out everything to the east, and "K" can come in loud and clear!
- From your West-Coast location, some weak carrier is coming in on 1475 kHz. Is it an LA or a TP? An ordinary loop suffers from "180 ambiguity", so one cannot tell by using it. Voilà, flick a switch on the LSCA, and it's a TP!
- Station "K" has never been heard, because local station "W" is right smack in the way - on the same bearing. Voilà, the LSCA can do that too! It's the so-called "transparent-tower effect", but it is rarely observed. However, the author regularly hears WMAZ-940 "through" super-local WINZ!

The reason behind these "miracles" is that the LSCA has a cardioid reception pattern, illustrated below:



The LSCA-1 is the end result of years of research and experimentation into cardioid arrays. The extreme instability, delicacy and unpredictability that once discouraged their use have largely been overcome, so that the LSCA-1 is intended to all but replace the ordinary loop for DX'ing purposes.

The LSCA-1 may be described as a tri-sectional combination of loop, longwire, and control unit:

- 1) LOOP SECTION - a 6-turn, 2-band, low-Q, altazimuth, unbalanced spiral loop. Although it is designed primarily for use in the cardioid mode, it can serve as a better-than-average figure-8 loop as well. The altazimuth feature is for use only in the figure-8 mode.
- 2) SENSE SECTION - a long-wire 20 to 40 meters in length with a shielded lead-in. The exact length and lay of the longwire is left to the builder's experimentation.
- 3) CONTROL SECTION - a commercially-available FET amplifier, such as the "BCB Super-Booster" or the BAX-1, along with those switches, capacitors, and potentiometers necessary for tuning and operation.

(WARNING: This device is not for beginners; the user must be basically familiar with loops and loop construction before attempting to build the LSCA-1. Experienced DX'ers, and especially cardioid experimenters, know all-too-well why).

Parts and components used in the LSCA-1 are all commonly available; with the possible exception of the FET amplifier, no part need be specially ordered. In the United States, Calectro and Archer products are available from Heathkit, Lafayette (LRE), Radio Shack, and similar outlets in all major cities. Some Calectro part numbers are included in the following list.

## LSCA-1 Parts List

(All non-relative dimensions are in centimeters)

### Wood sections:

- A) 2.7 x 2.7 x 152 cm. (loop cross-arm, vertical)
- B) 2.7 x 2.7 x 150 cm. (loop cross-arm, horizontal)
- C) 2.7 x 2.7 x 50 cm. (altazimuth brace, horizontal)
- D) 2.7 x 2.7 x 75 cm. (altazimuth brace, diagonal)
- E) 2.7 diameter x 100 cm. dowel (loop axle)

### Plexiglas, plastic, or plywood sections:

- F) 16 x 16 cm. (loop center brace)
- G) 7 x 16 cm. (control mounting board)
- H) 2 x 9 cm. (loop-winding spacers), total of 8 needed.
- I) 3 x 8 cm. (altazimuth holding plate)

### Metallic parts:

- J) 7.6 x 5 x 13.3 cm. (chassis box, front section), Archer.
- K) " " " (chassis box, rear section), "

### Wire and cable:

- W1) "Speaker" wire, no. 14 AWG, 25 meters after splitting.
  - W2) "Speaker" wire, no. 16 AWG, 5 meters after splitting.
- (W1 and W2 are 2-conductor; they are to be split before using).
- W3) Co-ax cable, RG-58/U, loop-receiver length plus slack.
  - W4) Co-ax cable, RG-58/U, loop-longwire length plus slack.

16

W5) Insulated hook-up wire for control-box connexions.

#### Hardware:

- T1) Nut-bolt combo, .5 x 4 cm. (6 needed)  
 T2) Nut-bolt combo, .5 x 7 cm. (2 needed)  
 T3) Wingnut-bolt combo, .5 x 7 cm. (2 needed)  
 T4) Wood screw, 9 cm. (1 needed)  
 T5) Machine screw, .5 x 1 cm. (25 needed)  
 T6) Misc. hardware necessary for mounting FET amplifier and tuning capacitor (screws, spacers, nuts).

#### Electrical components:

- B1) Standard 9-volt transistor battery.  
 C1) Capacitor, tuning, air-dielectric, 10-365 pf, A1-227.  
 C2) Capacitor, silver mica, 330 pf, A1-011.  
 L2) Coil, ferrite antenna, D1-842.  
 R1 & R2) Potentiometer, 10 k, B1-683 (2 needed)  
 S1 & S2) Toggle switch, miniature, DPDT, E2-118 (2 needed)  
 S3) Toggle switch, miniature, SPST, E2-116.  
 X1) 9-volt battery connector, F3-052.  
 X2) Knob, calibrated 0-9, E2-729 (3 needed)

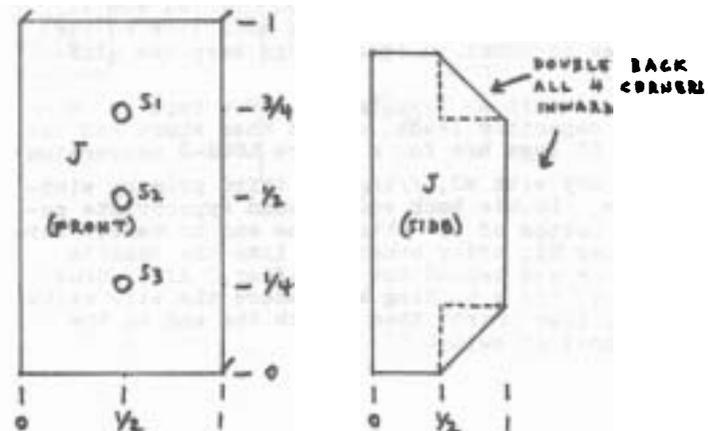
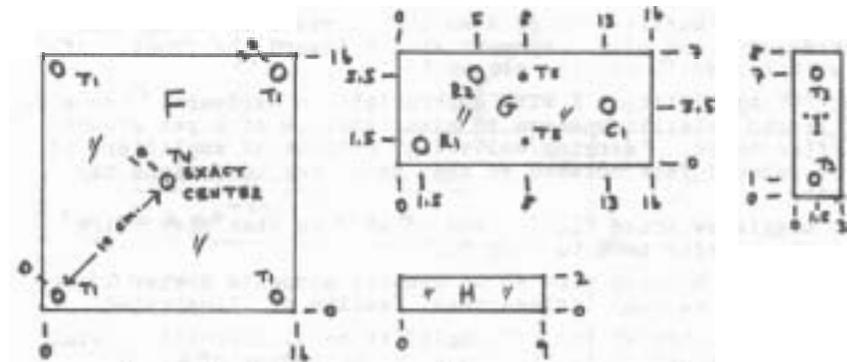
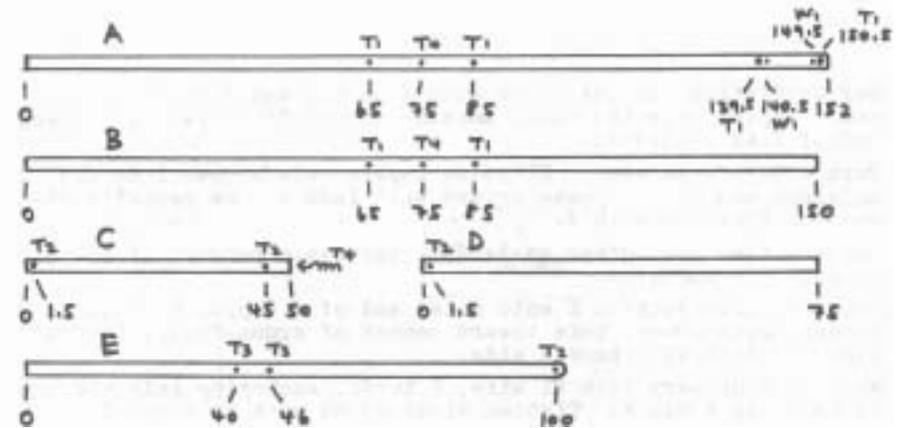
#### Items obtained beyond these instructions:

- a) FET amplifier, commercially available, preferably of the printed-circuit board type ("BCB Super-Booster" recommended, omitting coil and tuning capacitor).  
 b) Loop base stand, should accommodate part E, complete with circular protractor, pointer, etc.  
 c) Outdoor long-wire, 20-40 meters in length.

Have the above three items under control before beginning.

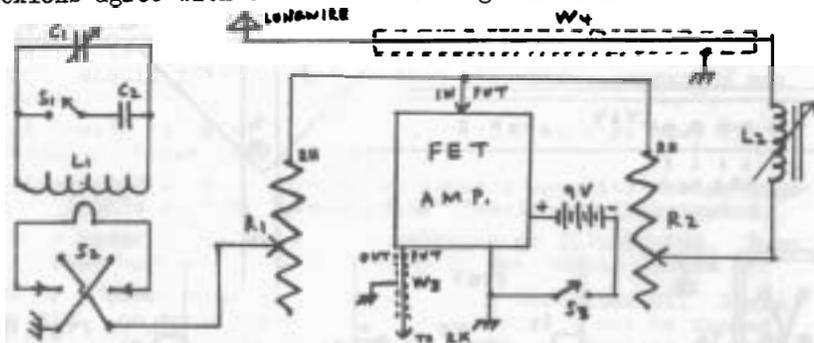
#### Building the LSCA-1

- 1) Prepare wood sections A through E as illustrated. Drill holes just wide enough to accommodate hardware and wire indicated. Wood screw T4 is to screw into the base of C; take care to center its socket exactly. The two W1 holes on A should be of a size that W1 will be drawn through with notable effort but without tearing the insulation; this is designed to hold the wire in place.
- 2) Prepare plexiglas sections F through I as illustrated. On G, drill extra holes as necessary to mount tuning capacitor C1 and accommodate potentiometer holding tabs. Components will be mounted behind G with their shafts through the holes and in front. Potentiometers are to be mounted with leads pointing downward.
- 3) Prepare aluminium chassis J and K as illustrated, including bending back corners on J. On K, drill extra holes as necessary to mount the FET amplifier board to the back inside surface.
- 4) Form loop cross-frame as illustrated with A, B, F, and T1 hardware. Insert bolts via wood side; affix nuts on plexiglas side.





- 18) Use either a piece of W4 or W5 to connect the RH terminal of R1 to the remaining center lug of S2. If W4 (recommended), connect braid to amplifier ground. (Again, leave some slack in anticipation of a future conversion to the LSCA-2).
- 19) Connect one "criss-cross" on S2 with the input terminal of the FET amplifier; connect the remaining one with amplifier ground.
- 20) At this point, plug antenna coil L2 into the .9-cm. hole on top of K so that the alignment screw sticks above the box and the middle terminal underneath faces outward from the amplifier. (The use of Epoxy is recommended to prevent possible coil rotation when aligning the ferrite core).
- 21) Connect inner lead of co-ax W4 (longwire lead-in) to LH terminal of coil L2; connect braid to amplifier ground.
- 22) Connect center terminal of L2 with center terminal of potentiometer R2; connect RH terminal of R2 with the input terminal of the FET amplifier.
- 23) Connect inner lead of co-ax W3 (receiver connexion) to the output terminal of the FET amplifier; connect braid to amplifier ground.
- 24) Check over above steps carefully for errors; see that the connexions agree with the schematic diagramme below:



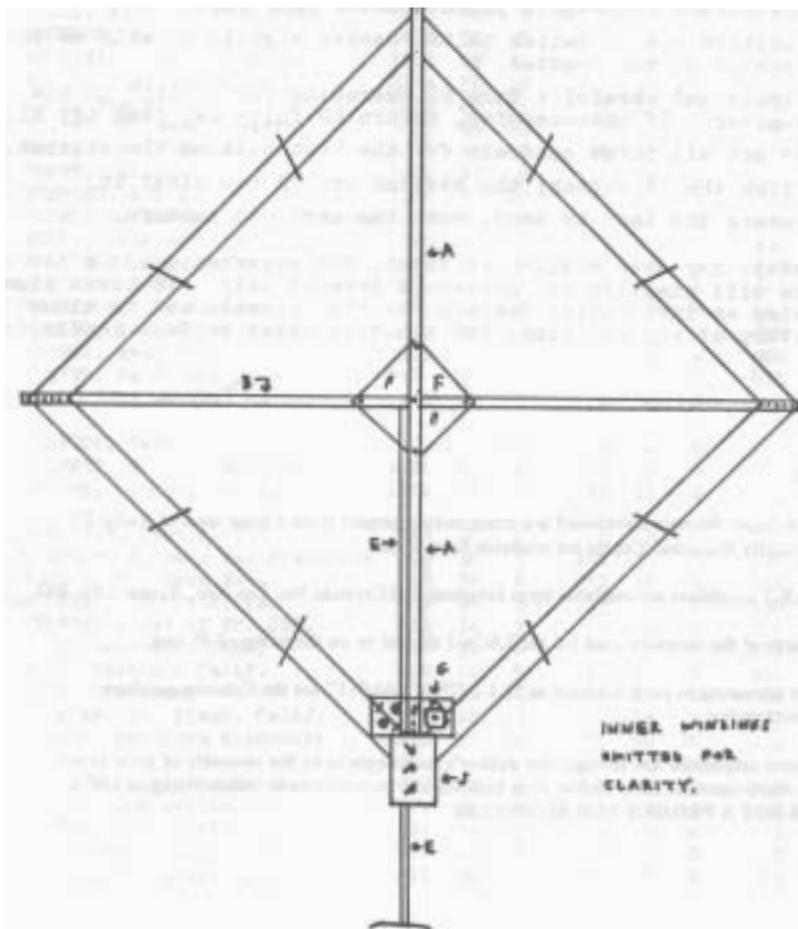
- 25) Attach 9-volt battery to connector, then close up the chassis box with two screws provided, being careful not to pinch wires, short components, etc. All cables and wires exit via the four triangular corner holes as appropriate.
- 26) Turn the loop over (A-side down). Use wood screw T4 to attach end of C to B at center of brace, so that the holes in C run // to B.
- 27) Loosely attach holding plate I to dowel E using T3 hardware.
- 28) Place dowel E in loop-base socket, plate-end down. Attach C to I side of E via nearest hole to brace on C and top hole on E using T2 hardware.

- 29) Attach D to C with T2 hardware, then feed loose end of D between E and I. Tighten holding-plate assembly to hold LSCA-1 in vertical position.
- 30) Thread the 8 spacers through the loop windings (in and out), two per side, then twist them perpendicular to the windings so as to open them. Aim the spacers toward the center of the loop rather than 90° to the windings.
- 31) Attach knobs to R1, R2 and C1.

And that completes construction of the LSCA-1. Stand back and admire your work!

- One more item: If you wish to label the controls, please do so as follows:

C1	"LOOP TUNING"	S1	"HIGH-BAND" / "LOW-BAND"
L2	"SENSE PHASING"	S2	"PATTERN REVERSE"
R1	"LOOP GAIN"	S3	"POWER" / "ON - OFF"
R2	"SENSE GAIN"		



Initial Testing

- 1) Attach the appropriate cables to the longwire and the receiver. The connexion to the receiver terminals must be unbalanced and grounded.
- 2) Initial control settings: Potentiometers fully CCW, power off.
- 3) Tune in a "blank spot" on the receiver.
- 4) Turn LSCA-1 power switch on. A sudden onrush of noise indicates that the FET amplifier is working.
- 5) Rotate loop-gain potentiometer (R1) fully CW. Experiment with the LSCA-1 as a figure-8 loop, trying out different situations. Leave R2 at its full CCW setting. Play with the "pattern-reverse" (PR) switch; if it doesn't do anything, then you've got a perfect figure-8 loop, otherwise don't worry about it.
- 6) To use the LSCA-1 in the cardioid mode:
  - a) Choose a target station on the receiver.
  - b) With gain controls as in Step 5 above, peak the station on the figure-8 pattern.
  - c) Now rotate sense-gain potentiometer (R2) fully CW.
  - d) Position the PR switch to the weaker signal, usually as indicated on the S-meter.
  - e) Slowly and carefully turn R2 searching for a "dip" in the S-meter. If unsuccessful, return R2 fully CW, then try R1.
  - f) Adjust all three controls for the best null on the station.
  - g) Flick the PR switch; the station should now blast in.
  - h) Rotate the loop by hand; note the cardioid pattern.

These steps may seem complex at first, but experience and a lot of practice will simplify the procedure tremendously. It takes time to develop an instinctive feeling for the controls and to visualize the pattern at any one time, but practice makes perfect cardioids.

-30-

## NOTES:

The CCB Super-Booster mentioned is a construction project from a prior issue of Radio-TV Experimenter Magazine. Copies are available from them.

The BAX-1 amplifiers are available from International Crystals, No. Lee Ave., Kansas City, MO.

The length of the longwire used for the LSCA-1 should be on the order of 75 feet.

Number appearing in parts list such as "A1-227" or "A1-011" are the Calctro numbers mentioned earlier.

HQ cannot emphasize too strongly the author's sentiments as to the necessity of prior experience in electronics circuitry and/or loop building as a prerequisite to constructing an LSCA. THIS IS NOT A PROJECT FOR BEGINNERS.

# Can you spot this problem?

This is our 3rd column for single DX-locations. And my problem is that I still need more DXer's to list their totals in the DOMESTIC DX SUPREMACY RATINGS. Also, a few members need to up-date their totals (or at least let me know you're alive.) If you have a ● please up-date before our next deadline of 25 April 1975 or you will be dropped. Those with a \* have until June to up-date.

This column is listed by veries received; refer to DX News of 17 June 1974 page 33 for the last column to list by veries. And send those new entries and up-daters to:

DOMESTIC DX SUPREMACY RATINGS  
c/o Bob Karchevski, PO Box 1171  
San Carlos, California 94070

by 25 April 1975 and help solve my problem.

## DOMESTIC DX SUPREMACY RATINGS for 23 Feb. 1975 (#21)

YR	NAME AND STD	GENERAL AREA	HEARD			TAPE			VERIES		
			TDH	SH	PH	TDT	ST	PT	TDV	SV	FV
23	ALLEN	Near San Francisco	2871	49	8	0	0	0	2271	49	8
30	WHEELER	NW Penna.	2622	50	9	165	31	3	1595	50	9
58	MERRIMAN	Washington, DC	1250	49	10	0	0	0	1250	49	10
65	STARR	near Cleveland	1774	50	10	445	48	10	1135	50	10
60	RUGG	Montreal	1106	47	10	38	17	3	1090	47	10
64	WHATMOUGH	near Toronto	1637	49	10	0	0	0	917	49	10
63	BOYD	near Cleveland	1317	49	9	928	48	9	897	49	9
70	FORTH	Chicago	1424	47	9	737	47	8	818	47	9
64	DUNNING	NYC (NJ)	1320	43	10	721	42	8	720	43	8
59	OLDFIELD	Edmonton, Cent. Alta	1084	49	10	477	42	9	630	44	10
62	MUSCO	Near NYC (Conn)	750	43	8	0	0	0	630	41	8
69	FALCONER	near Toronto	1022	42	8	0	0	0	493	40	8
64	PORTZNER	Seattle	972	44	7	150	34	7	467	38	7
61	ERICKSON	Los Angeles	900	42	6	0	0	0	442	38	6
62	BURKET	Central Penna.	719	50	8	8	5	3	428	48	7
63	ARRUDA	near Boston	907	44	8	0	0	0	420	44	7
68	PIMPER	Salt Lake City	1284	45	7	573	40	5	391	45	6
68	HARDESTER	central Calif.	377	40	5	0	0	0	335	40	5
62	KERFOOT	Toronto	669	42	10	0	0	0	309	41	10
58	COLEMAN	NE No. Carolina	1126	47	6	0	0	0	271	47	5
62	ATKINS	Louisville, Ky.	1296	47	7	42	21	0	251	40	4
74	HATHAWAY	Central Ill.	573	35	5	0	0	0	200	35	5
69	KARCHEVSKI	near San Francisco	249	36	5	197	35	5	198	36	5
73	VERNON	northern Man.	338	32	6	52	16	6	144	20	6
72	STEPHENS	Norfolk, Va.	319	36	4	15	13	1	130	29	4
74	VERNON	coast of Br. Col.	391	34	5	-	-	-	116	17	3
71	KASS	near NYC (Conn)	146	35	6	0	0	0	114	35	6
67	NEAL	Northern Calif.	550	42	5	341	39	5	101	42	5
60	FAIT	Cleveland	218	32	4	30	19	1	71	29	3
73	HANAVAN	San Diego, Calif.	271	32	4	84	24	2	71	29	1
21	HANSCH	Southern Wisconsin	1110	50	10	75	50	10	33	22	1
68	HART	Dallas/ Ft. Worth	1002	42	6	1000	42	6	13	6	0
73	MURPHY	Louisville, Ky.	862	39	5	121	33	3	3	3	0
69	CRONIN	near Seattle	384	33	5	0	0	0	3	3	0
73	WINKLEMAN	Southern W. Va.	529	32	3	0	0	0	3	2	0
73	ANDERSON	Louisville, Ky.	469	35	3	77	28	2	13	11	0

## NEBE - A DXER'S PARADISE

Carl Dabelstein KØSBV &  
Robert Mitchell WDXØFXQ

We have been asked by Dave Fischer to write a supplement to his recent article "NEBE--A SUPER SIGNAL SNATCHER".

Our Project NEBE (Nebraska BEverage) was set up during the Fall of 1972 at the University of Nebraska Field Laboratories, about midway between Lincoln and Omaha. We were authorized to use one square mile of land for the erection of our BCB Beverage. The site, which included an unheated metal building about 8 ft. square, was approximately halfway between the towns of Ithaca and Memphis, one mile south of Nebraska Highway 63--a location totally free of manmade noise. We were roughly 22 miles from the nearest BCB transmitter, four miles from the nearest town and slightly over one mile from the nearest road. A more ideal setting for BCB DXing cannot be found.

Reaching the NEBE site required a trek of one mile over land, and the only "road" to our site was frequently impassible. This proved to be the only drawback to our location. The slightest rain or snow made ready access impossible. We could have made the journey on foot, but we would have been unable to carry our receivers, recorders, power and audio cables, etc. Due to this limitation we were able to spend only a few DX sessions at the NEBE site after the antenna was erected.

Comfort in sub-freezing temperatures was possible, thanks to an electric heater, a Coleman stove, heavy coats and a great quantity of hot coffee and tea.

Our Beverage was 3200' (about 0.6 miles) in length, situated on a bearing of 300°, or just west of northwest. The antenna performed much better than we had anticipated. Everything you have read about the performance of the Beverage is true. Any time of the day, the performance was fantastic. The remainder of this article will describe some of our reception observations during the day, night and transition periods.

I. Daytime Reception. Due to the bearing of our Beverage, we were somewhat handicapped in evaluating its daytime performance. The station density along a bearing of 300° in this part of the country is very low. There were some definite surprises though. At our home QTH in Lincoln (some 25 miles to the south), the daytime regulars on 1350 are KRNT, Des Moines, IA, and KMAN Manhattan, KS. At NEBE there was no trace of these stations; rather, KBRX, O'Neill, NE, dominated the frequency with an S-9 signal. Other loggings included KTWO, Casper, WY, on 1030, with an S-4 signal, which is totally inaudible at the home QTH in the daytime. KIOA, Des Moines, IA, completely dominates 940 in Lincoln. At NEBE, this signal was fighting it out with KVSH, Valentine, NE. In five years of BCB DXing in Lincoln, Ghoti was never able to log KCSR-610, Chadron, NE; the usual pest being WDAF in Kansas City. At NEBE, KCSR was definitely audible under WDAF. Obviously, the above daytime loggings were only possible due to the signal-snatching power of the Beverage Antenna.

II. Transition Period Reception. DXing both the sunrise and sunset conditions proved to be most interesting. Evening signals from the west appeared at least one hour earlier on the Beverage than on the home equipment. As a

result of the antenna's directional characteristics, many sunset sign-offs previously unheard became regulars. The nulling of signals from the east really opened up many of the frequencies. Regular evening sign-offs included KMER-950, Kemmerer, WY, KBHB-810 Sturgis, SD, KBRJ-950, Boise, ID, KURL-730, Billings, MT, and KBLI-690, Blackfoot, ID.

Sunrise skip also was unique. Daytime signals from Wyoming, Montana and Idaho were heard nearly 3-1/2 hours after our sunrise. This is long after the respective signals have disappeared at the home QTH. Stations which could regularly be heard at this time included KURL-730, KGHL-790, KSEN-1150, KGCX-1480, and KOFI-1180 from Montana, and KYME-740, KBOI-670, KSEI-930, KAYT-970, KUPI-980 and KGEM-1140 from Idaho.

III. Nighttime Reception. Both the directional and the gain characteristics of the Beverage were quite apparent during the nighttime hours. Many pests at the home QTH were totally absent at the NEBE site.

Due to the limitations noted above, we were able to have only two all-night sessions at NEBE. Surprisingly, although both occurred during periods of high auroral activity, reception to the northwest was outstanding.

The most surprising station of all our NEBE loggings had to be KBYM-1240, Billings, MT. At a distance of over 700 miles, their 250 watts provided a consistent S-9 signal between midnight and 6 a.m. local time.

One has to hear the tapes of this station to appreciate the value of the Beverage. Fellow DXers Paul Hart, Dick Truax and Bill Nittler have heard some of our tapes and will readily attest to our description.

The following is a summary of some typical after-midnight reception during the Fall of 1972 at NEBE compared to that at the home QTH:

Frequency	Lincoln Dominant	NEBE Dominant
550	KSD, KOY	KFYR, KBOW
560	KWTO	KMON
690	XETRA	CBU
730	XEX	CKDM
790	KULF, WAKY	KGHL
800	XELO, PJB	CHAB
850	KOA (MM's)	CJJC
900	XEM, CHML	CKBI, CJVI
910	KGLC, KPOF	CJDV, KISN
930	WKY	CJCA
940	KIOA	CJGX
960	KOOL, WERC	CFAC
970	WAVE, XEJ	KOOK, KREM
980	KMBZ	CKRM
1030	WBZ	KIWO
1060	KYW, WNOE	CPCN
1080	KRLD	CKSA
1140	WRVA	KGEM, CKXL
1150	CKOC, WIMA	KSEN, KAGO

1180	WHAM	KOFI
1230	WQUA	KGEEK
1240	KAKE,WINN	KBMY
1260	KVSF	CFRN
1270	KFJZ	CHAT
1300	WOOD,KCNW	KOZE
1310	WRR,WIFE	KEIN
1320	WILS	CHQM
1340	KICK	KCAP
1350	WSMB	KRKC
1370	WSPD	KXLF
1380	WAOK	KRKO
1400	KFRU	KATI
1410	WING,WIZM	CFUN
1450	KLWW	KUDI
1480	KLMS	KGCK
1510	WLAC	KGA
1520	WKBW (MM's)	KYXI

In conclusion, it's difficult to talk about the Beverage Antenna without using superlatives. Everyone should have an opportunity to use this remarkable piece of BCB DXing equipment. Our time spent at NEBE, as explained above, was all too limited. Plans are presently being made to construct a new Beverage "Son of NEBE" this coming summer. Now, if someone will only figure out how to make it both portable and rotatable!

QSL

# 417·LONDON

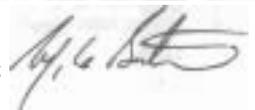
## BROADCASTING

QSL

ON 417 METRES 719 kHz and 973 VHF

The London Broadcasting Company confirms as correct the reception report  
of G.A. CALKIN BM-BOX 1926 LONDON WC1V 6XX

Date of reception 18.8.74 Time of reception: 1550 - 1640 GMT

Signed: 

## CHASING A PIRATE

Ron Musco

On January 16th, Thursday night, Russ Edmunds called to inform me that a "pirate" was operating on 1630 kHz. The programming was that of WDRC-FM 102.9 MHz.

After discussing his reception I suggested calling WDRC's engineer and Russ concurred. I phoned the station and the engineer on duty was interested in my reception-as I was hearing the pirate at an S-7 level looping south towards Hartford.

The engineer on duty checked a receiver that was available at the studio. He called me back to say that he could only detect a carrier on 1630 kHz. He was going to call his boss and inform him of my call.

About five minutes later, Wayne Mulligan, the chief engineer phoned me and I suggested that he visit my home to hear the "pirate" in person as he did not have a receiver at home that tuned 1630 kHz. He was aware of the pirate but hadn't heard him yet.

Wayne arrived about 7 p.m. and was very much interested in the pirate who was relaying WDRC-FM "live." He phoned his engineer who shut-down the FM Stereo transmitter (by remote control) about 7:25 pm for five seconds. Sure enough, the music stopped on my receiver-but a carrier was left! The pirate was still on but with no audio.

Wayne had received a letter from a frequency monitor in Cleveland, Ohio back in December who reported a signal on 1631 kHz ID'ing as WDRC.

Wayne phoned Russ and a conversation ensued that lasted at least 20 minutes. Russ reported that the pirate was being heard by DX'ers in New Jersey and Chris Lucas in Danbury, CT. Russ reported that the pirate looped 35 degrees from his location which seemed to place him in the Waterbury area. The pirate looped south for me.

Wayne and I discussed DX, radio, and WDRC for about three hours. WDRC's AM transmitter (1360 kHz) is in Bloomfield, CT. and the FM transmitter is on West Peak in Meriden, CT. The FM transmitter receives its signal by a studio-transmitter-link (STL) from studios at 750 Main Street in Hartford. At night, WDRC-FM programs separately from WDRC-AM.

Wayne was confident that his equipment was operating correctly and that we did indeed have a pirate and he was concerned about his existence. Wayne had informed the FCC Boston office back in December of the strange signal on 1631 kHz. While talking, we noted that the pirate had left the air about 7:45 pm.

Wayne was kept informed by me of the pirates operating hours. He had a portable Field Intensity Meter and told me that he was going out Sunday night/Monday morning (January 19th/20th) and try to locate the pirate.

Monday morning I was DX'ing and noted the pirate 1:30-4:00 am with an S-8 level, no fading, and still looping south.

Wayne phoned Monday night at 5 pm and we discussed the situation. He thought he had located the pirates location as Southington, CT. (this seemed to agree with Russ). He also suggested that I join him in "chasing the pirate." I volunteered my services.

The weather Monday night at 7 pm was 9 degrees and clear skies with the wind chill factor bringing the temperature down to -20 degrees Fahrenheit.

Our first stop was the junction of I-84 and Route 10 in Southington. At our disposal was the Field Intensity Meter (FIM) and a portable AM/FM radio. This radio was used to check that we had the pirate on the FIM.

In an open parking lot in Southington the pirate was loud and clear with a strength of 100 uVolts/meter/mile. The pirate looped southeast based on three readings taken along Route 10 on hilly clearings.

We proceeded south towards Meriden (note that location). At a point west of "West Peak" the pirate looped east-towards the transmitter. Checking with the FIM, the signal was stronger near the "peak" but was not coming from it.

We drove into a housing development east of the transmitter and the FIM was reading about 3 millivolts. We monitored several locations and the pirate "seemed" to be in back of us, back towards the transmitter!

Persevering, we drove back towards West Peak and beyond, into West Meriden. The FIM showed a decrease in reading. Well, we were confused. It was 10 pm and we drove east again. Aha! West Peak again!

Well, we drove up the snowy, icy, park road, dodging 4-wheel drive jeeps to reach the 1,000 foot summit. We parked at the transmitter site which also contains WKSS-FM 95.7, WHCN-FM 105.9, a telephone microwave relay, and WATR's FM transmitter.

The FIM registered a very low signal next to the tower and even lower inside the transmitter building on 1630 kHz. A pause in our activities seemed like a good idea—we discussed the problem.

After a brief discussion we decided to re-trace our steps east of the transmitter. Several high schools and a technical school were checked out but the signal was only 6 millivolts and looped southwest of the transmitter.

A Meriden police officer caught up to us at a grade school so explanations were in order and several questions were posed to him. He straightened out our bearings and told us where we were—near the private Meriden airport near the Wallingford town line.

A glance at a road atlas shows West Peak in Meriden, the airport, and the town of Wallingford. At the airport, the pirate looped west towards a "mountain" of sorts.

Checking the FIM in a housing development led us to a long, lonely road on the mountain. Walking with the FIM proved interesting (-20 degrees gave us a brisk pace). A point on the road gave us a reading of 25 millivolts!

The FIM located two houses on a very large lot. Your "brave" reporter ventured onto the property with Wayne keeping "guard" (warm)! I concluded my walk about half-way to the rear-most house on the large lot. By this time I was cold, wet, and apprehensive about doing these things at midnight in a strange area.

Checking in with Wayne, we decided to call it a night—he would return that afternoon in daylight.

A phone call Tuesday night from Wayne, who was at the transmitter, proved enlightening. The pirate wasn't on during the day and "investigating" his location hadn't turned up a thing. However, he was on at 5pm relaying WHCN-FM! I fired up my HQ-180 and heard him again on 1630 kHz with a WHCN-FM ID.

Wayne informed me that he was going to the pirates location. At 5:20 pm my receiver informed me that the pirate had gone off the air. "Aha!" I said.

A phone call from Wayne a short time later was discouraging. Half-way to the pirates location he noticed that he had left the air. Proceeding to the pirates house, the FIM showed no carrier.

Discouraged, he returned home.

The pirate was again noted January 23rd, Thursday, around 8:30 pm. Wayne was in Meriden and again proceeded to the pirates supposed location. He again noted a strong signal and while pondering the situation, a woman walked out of a nearby house. He asked her if there were any "hams" in the area. She replied: "Yes, on the next road over." She volunteered to lead Wayne to the general area.

This "area" was parallel to the road we had thought to be the pirates location. It contained a large housing development. Wayne checked the FIM at various points and consulting with persons living in the neighborhood, he narrowed his search down to two houses.

Checking the FIM in one yard gave him a reading of 1 volt! A young man came out of the house and told Wayne to leave the property. Wayne told the young man to "Turn it off!"

The FCC was contacted Friday, January 24th, and they said that they would meet with Wayne the following Monday to investigate the matter.

The pirate was noted operating all weekend-as usual.

Wayne met the gentleman from the FCC at the Holiday Inn in Meriden at 11 am Monday. The pirate was noted on the FIM in the Inn. They proceeded to the pirates location and arrived about 11:45 am.

A tape recording was made of the pirates broadcasting and a WDRC ID was recorded at noon. An investigation of the pirates yard followed and a long wire was discovered. The wire was attached to a pole whose base was attached to a small shed in the back-yard.

Removing the sheds cover revealed a Heathkit DX-100 and an FM tuner. Pictures were taken of the set-up.

At this point the young man, who proved to be 23 years old, came out of the house and asked: "What's going on?" The FCC man showed his ID and introduced Wayne to the stations operator.

At first the operator denied owning the equipment. A very short time later he admitted that he wasn't a ham but did hold a current 1st Class FCC Radio-telephone license.

He was then asked to: "Turn it off." He promptly complied.

We are not concerned with what the FCC's action is in this matter—suffice to say, the FCC will do something to this pirate.

In the meantime, Wayne will answer a reception report that he received from an NRC member in Pennsylvania. It was an excellent report specifying 1630 kHz and WDRC-FM programming.

I think he said: "You were indeed hearing WDRC-FM programming that night in December on 1630 kHz. However...."

Wayne, Russ, and I don't necessarily mean to imply that "all" pirates should be stricken from the airwaves. The pirate described in this article was a "special" case and this article is meant to show how he was located.

Thanks to Wayne Mulligan, Chief Engineer WDRC AM/FM Hartford, CT. and Russ Edmunds for aid in preparing this article.

RJM

SON OF YAD



3/28-30/75

**WDRC**1360 AM - 102.9 FM  
HARTFORD, CONNECTICUT

January 29, 1975

Mr. Ronald Musco  
16 Chestnut Drive  
Windsor, Connecticut

Dear Ron:

Thanks so much for your help and moral support in the tracking down of the pirate station operator who was rebroadcasting WDRC FM.

I probably would never have found the culprit if it had not been for your aid and that of the other members of the National Radio Club.

Thanks again, Ron, and I'll be in touch.

Sincerely,

RADIO STATIONS  
WDRC AM & WDRC FM

*Wayne G. Mulligan*

Wayne G. Mulligan  
Chief Engineer

WGM/jl

750 MAIN STREET · HARTFORD, CONNECTICUT 06103 · PHONE · 278-1115

The Buckley Broadcasting Corporation

editor Ernest R. Cooper

musings of the members

7A Washington Ave., Apt. 7  
Provincetown, MA 02657

The opinions expressed in this column are those of the individual members, and do not necessarily reflect those of the editors, the publishers, or the National Radio Club

MORRIS SORENSEN - Leaf Rapids, Minnesota - ROB 1W0

I don't have too much DX to report but I did add a new RX to my DX den. Perhaps I should really say an old RX, as it's an ancient tube-model Zenith Trans-Oceanic - a much larger RX than the transistorized Trans-Oceanic of today, covering BCB & six SW bands. It has a loop antenna (complete with suction cup for window mounting) called a "Zenith Wave Magnet." It seems fairly sensitive as I can pick-up many Winnipeg station (at 550 miles or so) plus the Lynn Lake and Rikatawagan LPRTs in the daytime. (I had one of these prior to or just after WWII - it weighs 18 pounds! -ERC) Since my last Muse I've added one new station - CKRD-850 Alta. 2/6 @ 9:01am. Re-logged for reports were: CKDM-730 Man. 1/31 @ 11:30pm. 2/3- KPRI-1470 Ia. @ 9:58pm; CJSL-1280 Sask. @ 10:58. 2/4- CHQM-1320 B.C. - finally enough for a report @ 9:03am. 2/6- CKSB-1050 Man. @ 10:24pm; CJRB-1220 Man. @ 10:48. All the receptions listed above were on the Trans-Oceanic which should prove to be a good back-up RX for my HQ-150. Veries have come from: v/g Nice-1554 (for April '74 reception in W ssagarnsch, Man.), CKDM-730, CHQM-1320, CKSB-1050. v/1- CKWX-1330, CPUN-1410 & CJSL-1280. To Brian Vernon, yes, KRAD said I had the record for KRAD's most distant report. I guess the other must have been yours when you were in Leaf Rapids. A petition is now being circulated here in Leaf Rapids to try and obtain CBC Radio, hopefully with provision for some local programming) for this area. 73.

WARREN POWIS - 3 Warrington Grove - Wellington 4, New Zealand

Hi folk - greetings from Windy Wellington! Recent DX in EST & double space: 1/17- 2JJ-1540 @ 4:15am (New ABC-rr 24 hour station at Sydney, Australia). 1/4- KNEW-910 2:21am, KQA-850 2:39am, KAIM-870 2:24am religion, KOB-770 2:47am c/w, KGA-1510 2:51am, Wild Card contest, WIAC-1510 3am, c/w. 2/3- KOMA-1520 o/1ZU @ 1:50am, KVSL-1450 w/TT & IDs 2:30-2:46am, KPQI-670, KNDI-1270 3:13am, KFBK-1530 @ 3:19am. Reports sent to 2JJ-1540, KVSL-1450, KNEW-910, KGA-1510. Veries received from: CPUN-1410 w/CM, JOGB-870 w/R. Japan data, 2BS-1500, WXLG-1220, KNDI-1270, KAIM-870, 2JJ-1540, JOER-1350. Total now 228 veries from 19 countries. The 'standard' antenna here has now been extended and dog-legged, w/a pi coupler. I was very pleased to hear KVSL-1450 test on 2/3, maybe a CPC TEST will be heard some day! Time will tell. 73 & C U N M.

MARTY WRIGHT - 1913 Jeanette Lane - Springfield, Illinois

Here it is for what it's worth. 2/3- WEED-1390 in fair 12:16am to 12:26 on f/c w/ID every minute. KNOX-1310 w/TT 1:20 to 1:26am in here like a local. I also caught by chance WDLR-1550 on air "for testing purposes only," 12:37 to 1:44am, playing Sanford & Son theme throughout. One of my most wanted 2/6 when KGYN-1210 pushed in o/WCAU 7:19pm to 7:28. Adams plowshares spot and grain market. I tried AM of 2/17 but just as I began a terrific thunderstorm roared through Springfield, so forget it. 2/18 was better with marvelous CX & no Aurora. KBRX-1350 in weak but very readable 1:30-1:5am w/f/c-TE. I tuned to 900 & heard CHML very weak, then @ 2, WEAS-900 barreled in w/f/c. They announced all verification requests would be acknowledged. I wish they all would! No CPC programs heard in February yet, I believe a lot of f/cs are not on now because many I should be able to get have not been there. WCVS, my employer, is applying for an FM & my old Alma Mater, Sangamon State University, is on the air w/a 50kw FM on 91.9. I might mention a phenomena I have observed through the years. When the weather turns warm in the winter and we have a warm very foggy night the IAs dominate the band. Is it Aurora affecting the weather, or vice versa? It has happened too often to be co-incidence. See you all next time.

WATCH FOR THE DATES ON THE HARTFORD CONVENTION WHICH WILL BE ON AN AUGUST WEEKEND. WE RECOMMEND THAT YOU BEGIN THINKING ABOUT THOSE PLANS NOW - RESERVE THE VACATION DATES SO THAT YOU WILL BE ABLE TO MAKE THE TRIP TO CONNECTICUT!

PAT HARTLAGE - 9200 Wendell Way - Jeffersontown, Kentucky - 40299  
 2/20. I have been somewhat inactive since last Muse but still managed to add 45 stations since 1/6. DX on 2/17 was spoiled by malfunction of loop amplifiers. That was really bad since I had the day off from work. Heard recently: 1/6- KGBS-1020 @ 12:50am w/contest for out-of-California listeners. Same AM @ 1:15 I finally got my first RA, Langenburg-1586 was heard well with mostly mx including polka-type tunes. 1/11- I added WEKY-1340 which has been heard often since in early afternoon. WBIW is the only other on 1340 logged here. Also 1/11 I added YNOW Nicaragua @ 9:40pm w/R. Corporation ID. 1/12- KWQA-730 heard after regular s/off time with blizzard coverage @ 7:38pm. 1/13- SSS reception brought KADL-1270 @ 5:14, KWED-1580 @ 6:37 & KTLU-1580 @ 6:45. 1/14 brought s/off @ 6:15 of WATM-1590 & KETX-1440 @ 6:35pm, w/Texas Net mx. 1/16- I heard AI NX @ 6:02pm on WISM-1270, local NX @ 6:13 on KNEY-1280 & s/off @ 6:30 of KPNV-1600. Afternoon reception 1/18 brought WAMB-1190, WILX-1210, WPKN-1220 & WSLW-1110. 1/19, I added WDXE-1370 @ 6pm s/off w/Dixie, same time WABD-1370 also heard. KWRT-1370 then heard with auto racing until 6:15 s/off. WJUX-1550 @ 6:30 w/gospel mx also heard. 1/23 was very Auroral. ZNS1-1540 @ 7:20 was heard well w/newspaper type death notices. WIMG-860 ID heard @ 9:24 same PM. Cubans on 880 & 1220 were added 1/24 evening. The 1220 outlet was heard w/Russian lessons while the other was heard w/R. Progresso IDs. 1/27- KWAM/WEIS-990 added @ 5:55, KWAM w/black religious program. WKYB-1000 heard 2/3 @ 6pm s/off w/theme from "Summer Place". 2/c- WSWW-1590 @ 8:15pm w/Milwaukee Bucks BKB. 2/13 brought s/off w/SSB of WLPA-1590 @ 6:28, KBWD-1380 @ 7:10 w/local NX & KCOR-1350 EE ID @ 7:30. HJCY-810 w/R. Sutatenza ID very strong @ 8:20 same evening. With addition of WUNI-1410 2/18 @ 6:45 pattern change, I now have 702 stations in my log. Good DX to all.

CECIL R. WEINSTEIN - Box 52 - Golden City, Missouri - 64748

I thought I would drop a line and ask some questions so you guys out there in DX land can knock your brains out trying to answer them! Here goes: How much db gain do you get using an SM-2 w/a DX-150B, DX-160, etc. RX? Will the SM-2 work OK inside a trailer house? Also, what is the cost of the SM-2? (I believe, \$49.50 plus postage - ERC) I am in the process of building a Tenna Boost which is similar to an SM-1 and gives up to 50 db to your AM radio and the estimated cost is \$13. The article that tells how to build it appeared in the 1970 June/July issue of Elementary Electronics. Also, I sent the article to IRCA and they said they might print it giving the credit to Davis Publishing Company (Elementary Electronics). I haven't done much listening this season due to the fact I have not got a ECB antenna for I live in a trailer court, for now, that is. That's why I asked about the SM-2. I hope next year or so to be living out in the country, then I will try to have a longwire for an antenna. Please someone help me! 73. \*\* NO LOOP will work properly in a trailer. RJE

DON BELMONT - 38 Thomas Street - West Haven, Connecticut - 06516

Well, we seem to be closing on what has here been a feast or famine DX season. With a recent onslaught of static, I'm afraid we're gonna be short-changed CX-wise. Thanks & congrats to all those who make the NRC what it is (a bunch of whacked-out dial twiddlers, hi!) Minor milestone on verie #175 from WBSB-860 for 1/8 reception. V/1 said they run r/c's MM circa 3am. The v/s said the new XR is forthcoming, & he would be most happy to dedicate either f/c or new XR test to NRC. He's a ham and says he even answers inaccurate reports to advise them of such. (He didn't think any NRers poorly reported; I hope not, either). It's so tough getting veries nowadays that we can't afford to turn off stations w/bum reports. Return percentage is 75% this season, 82% overall. Recent veries: WSAV-630, v/1, expressed surprise at being reported so close to WPRO's signal. PC (?? -ERC) to WINH-1470 & subsequent v/1 said my report is their farthest to date. WQIK-1090, v/1. V/q from WGN, WMBS-DX, & WFIN-900. V/f from WCSH (State #40) HILR-860 WGOM-TEST & WRHC-1550. Notable DX: 2/1- CHOW-1470 automated rr @ 2:31am amid mess. 2/3- WNCT-1070 @ 12:50am, f/c-TT o/ mess, KPDI-1070, lam s/off u/WNCT OC, WDLR-1550 w/a test @ 1:15am L&C, WDAT-1380 @ 2am, rr amid mess, WMBS-DX in/out w/WEEI & Cuban, CMHI "R. Rebelde" & VYLX "R. Rumbos" 570 u/WMCA null @ 11:24pm. 2/10- HJJK-650 "R. Monserrate" @ 3:50am L&C. 2/14- HJKL & CKTB sharing WIP null @ 12:03am, WTAC-600, Ae/rr u/LAs @ 12:34am. 2/16- WCAO-600 2:20 u/Cuban w/rr. CMIL-740 w/LV de Cuba relay @ 2:49, HJAI-4040 R. Tropical u/WBN QRM @ 3:49. ZDK-1100 @ 4:06 w/rr u/WWE null. YVQT-1110 R. Carupano" good w/WBT off & HRD-1120 good u/KMOX null @ 6:03am. More later re WBSB.

ANGEL M. GARCIA - 137-05 Franklin Avenue - Flushing, New York - 11355

Leisure time has been minimal so I don't get much of an opportunity to DX. I did turn on 2/16 and noted what seemed to be Auroral CX - WWV said A Index of 18 @ 7:18pm. At 6pm, I noted WRHC-1550 ending "La Entrevista del Domingo"; 6:45 Radika-640 in nicely; 7:10 R. Cordillera dominating 1190, WOWO would be inaudible in any loop position at times. At 7:30, I taped a R. Libertad ID in the 750 mess. 9:30pm, finally brought an ID for R. Dominica on 595 - a very much wanted. UnID SSSers dominated 1220, 1180, 1170, 730, 750 briefly between 7 & 9 pm. It looks like it should have been an interesting AM but after dominica, I was satisfied. 79s.

GLENN SMALL - 18 Sagamore Way South - Jericho, New York - 11753

Hello there, I'm another new kid on the block. I joined up in November '74. This being an introductory Muse, here is an intro: I'm a Junior at Syosset High, and work as an engineer at our ten-watt FM station WKWZ-88.5. Try DXing that! My RX is a Hallicrafters S-38E that does a nice job w/very good sensitivity, good tone quality, and a one-watt audio output that helps. My antennae are an SM-1 and an LW. My main interest is in domestic DX (sorry, TA's). DX: CPC TESTS include 12/30- WVVX-1430 Highland Park, Ill. 2:14am w/TT & several voice IDs. 1/12- KWED-1580 Seguin, Tex. lam w/TT. 2/17- WEJL-630 Scranton, Pa. 1:16am w/TT & voice IDs. OtherDX: 12/30- CHOW-1470 Welland, Ont. 3:07am w/several voice IDs. 1/12- WIMA-1250 Charleston, S.C. 2:04am w/NX & rr. 2/2- WIOD-610 Miami 12:10 w/WX & sports reports. 2/16- WVSM-1490 Valdese, N.C. 12 a.m. Mentioned was Valdese High School and references to N.C. 2/17- CJET-630 Smiths Falls nt. 1:06am s/off - IDs for AM & FM. WSRF-1580 Ft. Lauderdale, Fla. Van Patrick Broadcasting, Inc., 3000 S.W. 60th Avenue. My best DX would be 2/18 /74, 250w KGOB-1490, Torrington Wyo. w/rr & an ID. Also 12/9/73, KFI-640 w/rr. Both of these have been confirmed by the CEOs of the stations. Joining the NRC was a good investment for the CPC listings & DDXD not to mention the articles (when they come). I invite anybody in the Club to get in touch with me. I hope to Muse often, but since I use the one finger method of typing, and my finger night not hold out. 73. (That's why you have TEN of them, Glenn! Hi, and welcome to the NRC & Musings! -ERC)

MICHAEL LEVINTOW - 5509 Halpine Place #102 - Rockville, Maryland - 20851

It's been a number of months since last Musing, so quite a few things have accumulated which could be mentioned. First, for those DXers who use SPR-4 communications RXes or Sanserino Loops, here are a couple of tips for improved performance of those devices. Many DXers have complained of the relatively poor selectivity of the SPR-4 compared to other RXes. For those who made the SPR-4 modification involving the separation of the mode selector from the bandwidth selector, a selectivity of approximately 1 khz. can be obtained by adjusting the modified bandwidth selector so that the bandwidth wafer makes contact with the points for both 2.4 and .4 khz.. This position is very helpful for tuning in split frequencies, with adjacent channel interference less than for 2.4 khz. selectivity. As for the Sanserino Loop tip, the gain of the loop amplifier can be greatly boosted by running the amp on higher voltage, say 16 to 18 volts DC, instead of 9 volts DC. Slight instability may develop if an outboard source is used for the higher voltage (e.g., a Burgess 5156), which should be correctable by twisting and/or shielding the battery leads. I've had insufficient experience with the higher voltage arrangement to evaluate the possibility of damage to the transistors from running them with higher voltage (I don't think this should be a problem, however). WANTED: Sony TR-1300 or TRM-1600 RX in good condition. I will pay a decent price for an acceptable unit. Also, I have some extra components for NRC Loop and other preamps, such as 2N4116 and 40468 FETs, capacitors, potentiometers, etc. If anybody is interested in any of this stuff, please write.

BILL FAIT - 346 Walworth Drive - Cleveland, Ohio - 44132

Please be advised that the v/s for WWWE-1100, John Henry Battison, has lost his job with WWWE, possibly due to a labor dispute. Also, if ERC gets this note on 2/25, watch out for High Tide! 73. (It got here 2/26, Bill - but we have High Tide every day - in fact, twice a day! -ERC)

REMEMBER THE N.R.C. CONVENTION THIS YEAR WILL BE IN AUGUST, IN HARTFORD, IN CONNECTICUT, IN A WEEKEND, IN A HOTEL OR MOTEL, INDEED, WILL YOU TOO BE "IN"?

BRETT HANAVAN - 845 First Avenue - Chula Vista, California - 92011

DX has really picked up recently with 28 new loggings since I've gotten the pre-amp for my Sanserino Loop fixed. 2/11- KVCY-1490 @ 1:15am; KLOM-1330 @ 7:06pm, & KSVG-980 @ 9:49am. 2/12- KWSO-1050 @ 7:58pm. KCEM-1140 @ 12:58 am. KZUL-1380 @ 9:30am. KHCS-1010 @ 8:47pm. KRSP-1060 @ 8:06pm. KFAX-1100 @ 8:14pm. 2/14- KGSF-1500 @ 8:30pm. 2/15- KISB-1150, @ 1:09am. WMAQ-670 @ 1:14am. 2/16- KUGN-590 @ 5:06am. KAVL-610, @ 10:58pm. 2/17- KLVJ-610, @ 2:50 KQWC-740, @ 3:31am. KJR-950, 5:08. KABL-960, 5:17. WEZ-1030 @ 5:36. KKAA-1560 @ 6. KYXI-1520, @ 6:33am. KCRC-1390 @ 6:51. KFH-1330 @ 6:56. KMMJ-750 @ 7:31. KRED-1480, @ 7:54. KVIQ-1600, 7:59. KFKD-580, @ 8:06am. Totals now 271 heard in 32 states, & 71 verified in 29 states. KCRL-780 DX TEST - they used their 10kw AXR for the time. They didn't mention one thing about the TEST, though. 73 and good DXing.

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WAYNE MURPHY - 1411 Phyllis Avenue - Louisville, Kentucky - 40215

Hi there. The third LADS get-together happened on 2/22, with near-perfect attendance, except for NROR John Harris, who had a case of bronchitis, & couldn't make it. We had a photography session, w/both individual and group pictures being taken with my trusty Instamatic X-15. I hope they turned out, hi. CX for the whole week of 2/16-23 were rotten, QRN levels being about as high as I've seen them for any one period, even Summer. WHAS picked SM 2/23 to go off the air, of all times, w/thunderstorms and tornado watches up! Only unID SS left, of whom about one of ten words came through the static. Tonight 2/23, temperatures are starting to nosedive, maybe the HNL will go too. The name of another potential member has been forwarded to us by RJE, so we might have a ninth LAD soon. We're in the process now of contacting him. Unfortunately Jim Nail was "lost" to the IRCA, but it is nice to have him back in action. He's using a borrowed SX-99 now, and at present is looking for a Hammarlund of some kind. This is already "Hammarlund City" with three 129Xes (Gary Atkins, Pat Hartlage, & me) & Dick Truax's 150. I had a bit of a scare the other night, I warmed up the RX & found line-of-sight local WLOU reading S-6, peaked! Distant channels were empty. Luckily 'twas only a loose connection in the loop, which was quickly remedied w/a little solder. I was happy to hear Columbus is the '75 IRCA Convention site. I'm sure the LADS will be well represented, possibly by as many as four or more. Louisville in '76? Who knows? 73.

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MICHAEL LEVINTOW - 5509 Halpine Place #102 - Rockville, Maryland - 20851

DX hasn't been too spectacular this season, with few openings either to the W or for TAS. Some relatively recent DX: 11/21- WYNN-1380 in fairly well w/local NX, WX, spots, 6:05pm. 11/24- CBV-980 heard for first time w/FF announcing of hockey game & R. Canada ID, 9:45pm. This station was never heard previously, even when the CBC ran AN & local WRC was off MMs (WRC was on & looped out at time of CBV reception). 11/4- KNOX-1310 r/c made it through the 1310 mess 1:15-1:30am, ID heard @ 1:25. KFSA-950 in fairly well w/ID @ 1:40 on its monthly r/c. 590 was semi-clear w/the Cuban off. CKRS-590 fair, mixing w/WREI/CKEY, heard w/FF announcing & ID @ 2:22. 11/11- KDLT-540 heard tentatively w/TTs breaking through the two SSers at various times between 2:30 & 3am, but no IDs heard. 11/20- KPWB-1140 poor w/WRVA looped, heard w/c/w, s/off @ 6:30pm. 1/6-DXing from Otter Rock, Ore., I heard various Hawaiians including KMVI-550 & KORI-650 like locals and new KZOO-1210 & KCCN-1420, unheard from WC DXing in previous years. My wife & I took a cross country bus trip around Christmastime last December, getting us out to the WC for the first time in three years. Also on the same MM, several Orientals & a tentative LYC-880. A fantastic DX location for TPs, apparently. During the daytime up there, KNBR/KCBS/KGO/KKHI were at listenable levels most of the time. 2/7 (back in Rockville) KMIS-1050 s/off @ 6:45pm w/WHN/CHUM, mentioned ownership by Bedford City Broadcasting Co. & XR location on Hwy. 162-E near Portageville, Mo. A second "K" call phonetically equivalent to "KFAM", anyone have any ideas on this one? 2/15- WBKH-950 tentatively the one w/6:30pm s/off w/ownership given as Tri-State Broadcasting Co., weak in 950 mess. KXJK-950 was the dominant station around this time, w/local stuff, s/off @ 6:45pm. KLIK-950 tentatively heard with announcement of county fair to be held in Jefferson City, 6:40pm. After 6:45, WKAZ-950 was weak but in the clear. Nice to have WPEW off for a while. 73s.

02657

ERNEST R. COOPER "The Cape Tip DXer" - 7-A Washington Avenue - Provincetown, Mass.

Anyone who sent a tentative to WCSI-1010-TEST, be warned - I got a verie from them - and I sent only a Thank You card, as I couldn't hear them! I also got a CM. I got a "tentative" verie from my tentative report to WNN0-990. Also, v/1-CM from WMRC-1490, eat your heat out, Stan Morss! V/f & CM from WBFN-1500-TEST, & a thank-you letter after my thank-you card from KMIN-980. Now, DX. 2/22- WEBX-1380 on after 1am w/Bruins' Hockey. Unn WFTB-1450 TTing @ 1:04. XHNL-860, Mexico City college station, heard w/an oratorio to 1:53, when they IDed & s/off, w/BCB & SW frequencies given. They got off the air @ 1:57:40, leaving KONO there, HLLR not there this time. Unn WBTR-1500 on TT/ET, ID heard @ 3:43. They were o/WDEE here. 2/24- MM, and a terrible buzz on the whole dial today. It had been noted during the day on Sun. 2/23, so I couldn't hear the semi-locals like WCAS-740 which I wanted to hear Sunday AM. The buzz could be somewhat nulled on some channels, and I went to 1060 to await the KAMA r/c, tuning in @ 1:53, & hearing cl mx from the Cuban. Then on came a loud OC which I figured was KJW, but @ 2am, came an SID for WRMP, Titusville, Fla.! Then, @ 2:01, in came KAMA w/r/c-TT so two new loggings back to back on 1060! UnID TTers noted on 1320 & 1360 today. Looking for um WAUB-1590-TEST brought in WGOE-1590, Richmond, in the clear here. Too much buzz, so to bed early. Twas gone by daylight, so I will never know what it was that caused it. Let's hope it doesn't come back! There's a chance local WVLC-1170 might TEST on Sun. Apr. 6 @ 4am - I visited 'em & folo up w/a letter asking for that date, w/WVVA off, but no reply after three weeks - funny; they seemed very interested! Why not look-see anyhow? C U N 7!

WHERE WERE YOU ALL THIS WEEK, GANG? THIS IS A VERY SKIMPY MUSINGS SECTION, BUT EVERYTHING RECEIVED THROUGH ~~YOUR~~ 2/27 IS IN. WE HAVE SEVERAL MORE WEEKLY ISSUES COMING ALONG, BUT WE WANT TO SEE MORE ACTION ON YOUR PART! SIT DOWN NOW AND DASH OFF A DOUBLE SPACER FOR THE NEXT DX NEWS. LET'S SEE SOME ACTION!

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From 2/4 to 2/24 reception reports have been sent to KAVR-960 for TEST 2/10; to KCRL-780 for Special on 2/17, & to KHEB-1240 DX Special on 2/24. KAVR was louder than nearer KIAD on their TEST; KCRL reduced power to 10,000w, & KHEB was on top of 1240 from 3 to 3:26:50 s/off. Veries have come from KIAD-960 KSNM-1290 after second f/up, KPUB-1480-TEST, & KKAA-1560, large v/q with full description of station and equipment. Other DX notes of possible value: First Tuesday 2/4, the four f/cs from Texas, KDDD-800, KIRT-1580, KWEL-1600 & KRMB-1460 were not heard here; maybe not on, or my set is just too weak. At 8:05, KALE-960 IDed clearly, then faded u/KABL. First Wed. 2/5, no TT or ID by listed f/c f/c. KQWB-1550 u/KKHI. First Thu. 2/6, KTCB-1470 had TT, but too weak for ID u/KN. Second MM, no f/c-TT from KPRK-1340 nor KEIN--1340. Second Wed. I listened on 1250 for KLYR f/c, then found they were on 1360. Second Thu., no KOVE-1330 as usual. 10:29, KINC-600 IDed; instrumental mx, no advertisements. Third Sat., 2/15 KFBK-1530 said on to 5, so AN again. 5:07, KCAP-1340 ID & faded. Third Sun. KKIS-990 has sP, no s/off or s/on heard. Third Mon 2/17 WKIG-1580 r/c-TT u/KDAY; KFBK-1530 silent MM. No WIPA DX. MM 2/17, 12:30 KMBI-1330 on top. MM 2/24 no KTHS r/c - the stations are there, just keep listening patiently. Best.

MICHAEL LEVINTOW - 5509 Halpine Place #102 - Rockville, Maryland - 20851

DX hasn't been too spectacular this season, with few openings either to the W or for TAs. Some relatively recent DX: 11/21- WYMK-1380 in fairly well w/local NX, WX, spots, 6:05pm. 11/24- CBV-980 heard for first time w/FF announcing of hockey game & R. Canada ID, 9:45pm. This station was never heard previously, even when the CBC ran AN & local WRC was off MMs (WRC was on & looped out at time of CBV reception). 11/4- KNOX-1310 r/c made it through the 1310 mess 1:15-1:30am, ID heard @ 1:25. KFSA-950 in fairly well w/ID @ 1:40 on its monthly r/c. 590 was semi-clear w/the Cuban off. CKRS-590 fair, mixing w/WEEI/CKEY, heard w/FF announcing & ID @ 2:22. 11/11- KDLF-540 heard tentatively w/TTs breaking through the two SSers at various times between 2:30 & 3am, but no IDs heard. 11/20- KPWB-1140 poor w/WRVA looped, heard w/c/w, s/off @ 6:30pm. 1/6- DXing from Otter Rock, Ore., I heard various Hawaiians including KMWI-550 & KORI-650 like locals and new KZOO-1210 & KCCV-1420, unheard from WC DXing in previous years. My wife & I took a cross country bus trip around Christmastime last December, getting us out to the WC for the first time in three years. Also on the same MM, several Orientals & a tentative LYQ-880. A fantastic DX location for TTs, apparently. During the daytime up there, KNBR/KCBS/KGO/KKHI were at listenable levels most of the time. 2/7 (back in Rockville) KMIS-1050 s/off @ 6:45pm w/WHN/CHUM, mentioned ownership by Bedford City Broadcasting Co. & XR location on Hwy. 162-E near Portageville, Mo. A second "K" call phonetically equivalent to "KFAM", anyone have any ideas on this one? 2/15- WBKH-950 tentatively the one w/6:30pm s/off w/ownership given as Tri-State Broadcasting Co., weak in 950 mess. KXJK-950 was the dominant station around this time, w/local stuff, s/off @ 6:45pm. KLIK-950 tentatively heard with announcement of county fair to be held in Jefferson City, 6:40pm. After 6:45, WKAZ-950 was weak but in the clear. Nice to have WPEW off for a while. 73s.

02657

ERNEST R. COOPER "The Cape Tip DXer" - 7-A Washington Avenue - Provincetown, Mass.

Anyone who sent a tentative to WCSI-1010-TEST, be warned - I got a verie from them - and I sent only a Thank You card, as I couldn't hear them! I also got a CM. I got a "tentative" verie from my tentative report to WNNC-990. Also, v/1-CM from WMRC-1490, eat your heat out, Stan Moss! V/f & CM from WBFM-1500-TEST, & a thank-you letter after my thank-you card from KMIN-960. Now, DX. 2/22- WEBX-1380 on after I am w/Bruins' Hockey. Umm WFTR-1450 TTTing @ 1:04. XENL-860, Mexico City college station, heard w/an oratorio to 1:53, when they IDed & s/off, w/BCB & SW frequencies given. They got off the air @ 1:57:40, leaving KQNO there, HILLR not there this time. WBR1-1500 on TT/ET, ID heard @ 3:43. They were o/WDEE here. 2/24- MM, and a terrible buzz on the whole dial today. It had been noted during the day on Sun. 2/23, so I couldn't hear the semi-locals like WCAS-740 which I wanted to hear Sunday AM. The buzz could be somewhat nulled on some channels, and I went to 1060 to await the KAMA r/c, tuning in @ 1:53, & hearing cl mx from the Cuban. Then on came a loud OC which I figured was KJW, but @ 2am, came an SID for WRMF, Titusville, Fla. Then, @ 2:01, in came KAMA w/r/c-TT so two new loggings back to back on 1060! UNID TTers noted on 1320 & 1360 today. Looking for umm WAUB-1590-TEST brought in WGOE-1590, Richmond, in the clear here. Too much buzz, so to bed early. 'Twas gone by daylight, so I will never know what it was that caused it. Let's hope it doesn't come back! There's a chance local WVLC-1170 might TEST on Sun. Apr. 6 @ 4am - I visited 'em & polo up w/a letter asking for that date, w/WVVA off, but no reply after three weeks - funny; they seemed very interested! Why not look-see anyhow? C U N 7!

WHERE WERE YOU ALL THIS WEEK, GANG? THIS IS A VERY SKIMPY MUSINGS SECTION, BUT EVERYTHING RECEIVED THROUGH THURSDAY 2/27 IS IN. WE HAVE SEVERAL MORE WEIRD ISSUES COMING ALONG, BUT WE WANT TO SEE MORE ACTION ON YOUR PART! SIT DOWN NOW AND DASH OFF A BOUNDING SPACER FOR THE NEXT DX NEWS. LET'S SEE SOME ACTION!