



DX NEWS

*the magazine of the
National Radio Club*

← SINCE 1933 →

Volume 55 Issue 25 Monday, April 11, 1988

MUSINGS didn't make it in time for this issue, look for an expanded MUSINGS section next issue.

As you all know by now, the new U.S. postal rates are now in effect. Details on the rates can be found at your local post office. For those of you Overseas the 1/2 ounce rate is now 45 cents instead of the 44 cents to send a letter to you. And Canadians, the rate to you folks is now 30 cents instead of 22. What does this mean for your DX NEWS costs...nothing. Prices for DX NEWS stay the same.....for how long we do not know.

From the Reprint Center comes the following: "EFFECTIVE April 11, 1988, the cost of reprint articles increases". Below are the new rates:

REPRINTS Rates are 15 cents per page for U.S. & Canada MEMBERS; 20 cents for U.S. & Canada NON-Members. Overseas surface mail rates are 16 cents per page for anyone. Overseas Air Mail rate are 20 cents for anyone.

If ordering ONLY reprints:

Add 50 cents if your reprint order is under US\$4.00

Add NOTHING if your reprint order is over US\$4.00

If ordering other items along with reprints:

DO NOT include the extra 50 cents.

A Reprint Order Form can be found on page 23. Any order received after April 11, 1988 WILL be returned.

DXChange: For Sale - Near Mint 1984 WRTVH rarely used. \$10 postage included. (Paul Mount, 471 Emerson Ave., Teaneck, NJ 07666)

DDXD-West Contributors. Wondering where your credit was for your work in the last DX NEWS? Right here in front of me....opps!....forgot to put it in last issue....you'll find it at the end of this weeks column. Sorry folks.

Universal Radio has just published two speciality catalogs - SWL Catalog & HAM Catalog. Both contain radios, antennas, etc for each field. Available for US\$1.00 each. Get your copy from Universal Radio, 1280 Aida Drive, Reynoldsburg, OH 43068

J&R Music World Catalog shows - Sony 2010 329.95, Sony ICF-7700W 219.95, Panasonic RF-B20 94.95 plus other radios. Order toll free 800-221-8180.

LOOK INSIDE

- | | | |
|------------------------------|------------------------------------|------------------------|
| 2....AM Switch | 4....DDXD-East | 7....DDXD-West |
| 10....IDX | 11....Adding a Tuning Meter | 12....Sports Networks |
| 13....Tip Traders List | 14....Another Ray Cole Article | 22....FCC News Release |
| 23....NEW Reprint Order Form | 24....NRC Seed Catalog Order Blank | |

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AM SWITCH

Jerry Starr, c/o WHOT Radio, 4040 Simon Road, Youngstown, OH 44512

CALL LETTER CHANGES

OLD CALL:	NEW CALL:	OLD CALL:	NEW CALL:
670 *NEW NY SYRACUSE	WJEX	1340 *NEW OR KLAMATH FALLS	KJLU
700 *NEW VA RESTON	WREH	1350 WWVQ FL FORT MYERS	WHYS
830 *NEW GA LITHIA SPRINGS	KGBV**	1360 KWJS TX FORT WORTH	KNRB
880 *NEW NC FAIRVIEW	WMIY	1370 KVYL OK HOLDENVILLE	KRAF
890 *NEW SC PENDLETON	WPGP	1380 WRAQ NC ASHVILLE	WTOO
900 WKXA ME BRUNSWICK	WCLZ	1400 KTFS TX TEXARKANA	KMLA
960 WGOP GA ALBANY	WJIZ	1480 WNFO NC FAIRBLUFF	WJHB
KLKL OR KLAMATH FALLS	KJLU	1530 *NEW VA HAYMARKET	WDAW
1010 KRKX OR MILWAUKIE	KZRC	1540 WGRK KY GREENSBURG	WAKY
1050 KTNT CA FRAZIER PARK	KNOB	1570 KUXL MN GOLDEN VALLEY	KYCR
1110 CJKD ON SARNIA	CKTY	1590 WIZD AL ATMORE	WGYJ
1120 *NEW NC ROCKY MOUNT	WKMP		
*NEW SC FLORENCE	WFLU		

* 830 ABOVE: DO WE HAVE ANOTHER KTGG IN THE MAKING? THE FCC SOMEWHERE ALONG THE LINE GOT THE LITHIA SPRING CP LISTED IN THEIR RECORDS AS BEING IN CA RATHER THAN GA, PROBABLY A SLIP OF THE FINGER WHILE THE INFO WAS BEING ENTERED INTO THE FCC'S MASTER INVENTORY. NOW THEY HAVE BEEN GRANTED A "K" CALL WHICH WOULD BE FINE FOR CA BUT TOTALLY WRONG FOR GA. THIS CALL AND ERROR APPEARS IN THE FCC PUBLIC NOTICE AND THUS HAS BEEN PICKED UP BY SEVERAL OTHER INFO SERVICES. WILL THIS ERROR BE SPOTTED AND CORRECTED OR WILL IT STAND AS IN THE CASE OF KTGG WE OUTLINED EARLIER THIS YEAR? STAY TUNED FOR MORE OF THIS EXCITING TALE.

APPLICATIONS FOR NEW STATIONS

750 NV CARSON CITY: 10000/10000 U4
 760 UT BRIGHAM CITY: 50000/1000 U4
 950 FL ENSLEY: 5000/1000 U4

GRANTS FOR NEW STATIONS

NONE

APPLICATIONS FROM EXISTING FACILITIES

750 WWAX PA OLYPHANT: POWER TO 1600 WATTS
 900 WCPA PA CLEARFIELD: POWERS TO 2500/500, ANTENNA TO U4
 990 WNTY CT SOUTHINGTON: DAY POWER TO 2500 WATTS
 1020 WKZE CT SHARON: POWER TO 2500 (1800 CH)
 1040 WAMN WV GREEN VALLEY: REDUCE POWER TO 1500 WATTS, ANTENNA TO D1
 1090 WRBK AL FLOMATON: REDUCE POWER TO 5000 WATTS, ANTENNA TO D3
 1170 WKFL FL BUSHNELL: REDUCE POWER TO 550 WATTS
 1180 WLRG SC TIMMONSVILLE: CH POWER TO 10000 WATTS
 1200 KCPC CA RANCHO MIRAGE: CITY OF LICENSE TO NORTH PALM SPRINGS, CA
 1510 WWBC FL ROCKLEDGE: REDUCE NIGHT POWER TO 490 WATTS

GRANTS TO EXISTING FACILITIES

560 KWTO MO SPRINGFIELD: REDUCE NIGHT POWER TO 4000 WATTS, RELOCATE XR
 590 WKHX GA ATLANTA: REDUCE NIGHT POWER TO 4500 WATTS, ANTENNA CHANGES
 870 WMNE WI MENOMONIE: DAY POWER TO 10000, NIGHT POWER TO 600, RELCATE XR
 1000 KBIB TX MARION: RELOCATE XR (NEW STATION NOT ON THE AIR)
 1190 WSGI TN SPRINGFIELD: TO 1100 KHZ WITH 1000 WATTS, ANTENNA D1
 1230 WJNO FL DEERFIELD BEACH: RELOCATE THIS SYNCHRONOUS XR TO POMPANO BEACH, FL

OTHERNESS

590 WAFC FL CLEWISTON: NEW STATION IS ON THE AIR WITH C&W (SIMULCAST FM)
 760 WCIS NC MORGANTON: NEW STATION IS ON THE AIR
 810 KCHG TX SOMERSET: NEW STATION CAME ON THE AIR 3-1-88 WITH BIG BAND MX
 1010 KZRC OR MILWAUKIE: NEW STATION IS ON THE AIR WITH ROCK AS "Z-ROCK"
 1230 CFLK ON KAPUSKASING: NEW STATION IS ON THE AIR
 1410 WGRI GA GRIFFIN: STATION LICENSE HAS BEEN REVOKED BY THE FCC, THE STATION HAS BEEN SILENT SINCE A 1985 FIRE AND HAS NEVER NOTIFIED THE FCC. THE COMMISSION ISSUED A SHOW CAUSE ORDER FOR REVOCATION OF THE LICENSE IN 9-87 AND THE LICENSEE FAILED TO RESPOND.
 1510 KKZU WA MOUNTLAKE TERRACE: FCC HAS ORDERED THE LICENSEE TO SHOW CAUSE WHY THIS STATION'S LICENSE SHOULD NOT BE REVOKED. IN 1985 KKZU WAS GIVEN PERMISSION TO BECOME TEMPORARILY SILENT DUE TO FINANCIAL PROBLEMS. THAT PERMISSION RAN OUT 18 MONTHS AGO BUT KKZU NEVER RETURNED TO THE AIR. THE LICENSEE CLAIMS TO BE HUNTING FOR A BUYER. MORE AS IT HAPPENS

73 AND GOOD DX. *Jerry & BK* JERRY STARR & BUFFALO K. FOONMAN

WHOT
103.9 FM

MARCH 14, 1988

YERMIT GEARY
1266 RIVERVIEW DRIVE
MALNUTPORT, PA 18088

DEAR SIR,

I AM WRITING TO CONFIRM YOUR RECEPTION OF AM 1190
 WELX, HUGHESVILLE. AFTER COMPARING YOUR LOG OF PROGRAM
 ITEMS TO THE STATIONS LOG OF WEDNESDAY, MARCH 2, 1988
 YOUR RECEPTION IS VERIFIED. YOUR ASSUMPTION OF THE ASSOC-
 IATION OF WELX AND WHOT-FM(WHOT) IS CORRECT. I APPRECIATE
 YOUR TAKING THE TIME TO CORRESPOND WITH US ON THIS
 MATTER.

HAPPY LISTENING,

DENNY HARTMAN
PROGRAM DIRECTOR

DR/mos

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④ DOMESTIC DX DIGEST - EAST

William Hale
2160 Farm To Market Road, Johnson City, NY 13790

MEDIUM WAVE ramblings

■ A big NRC WELCOME to new member Adam Hicks of Detroit, who checks in with his first DX report to us in this issue. And first-time reporter Edward Soule of Huntsville, AL verifies an unID. Keep those reports coming, gents (and ladies!). You're in good company when you do.

■ Trivia time returns!! A four-part, no less. 1) Name the NRC member who operated Pirate Station WJJP in 1968? 2) On what frequency did the station operate? 3) When did WJJP begin broadcasting? 4) When was the operation terminated by the FCC? Answer below ↓ ↓

■ Dale Park writes to say that my answer to the recent trivia question Clear Channels with Honolulu as the carrier was wrong. He says 1080 has been off for 4 years. Yup, my log sez (Silent 11/65). Sorry 'bout that. Then Dale goes on to ask Which city has four (4) 50 Kw U1 outlets? I'd say the only city listed in the log with those credentials is Chicago, one of my favorite towns.

■ Another note from Dale says that Jim White, KNOX's overnite personality will attend the Dayton Heavention in the Hara Arena, April 21-24. There will be a session for SLLers (& maybe MLers) on 4/24. All that was on the outside of Dale's envelope!

■ Robert Walker of Walled Lake, MI writes to say that a recent item in DDD-E would indicate a first-and-only for the same call letters (WVAG) used by separate companies (AM owned by Westinghouse, TV owned by GE/RCA/NBC) in the same city. Wrongo, sez Bob. Clear Channel Communications (WOAI, etal) owns WHAS (940) and the Providence Journal owns WHAS-TV (Ch 11) in Louisville. Wonder if there are any more like that? That would've made a super trivia question, Bob. Thanks for the info.

■ Please observe the following deadlines for this column for the next four issues: April 16, May 21, June 25 and July 30. I'm not sure, yet, of our vacation plans. But, I'd sure like to be in the vicinity of Milwaukee the first week of September. So, that issue's deadline may be shortspaced. More on that as it develops. Of course, the rules still apply, insofar as keeping the reports: on one side of the paper, typed or neatly printed, divided into the categories we use, recent (within 36 days of the pub session date), and be sure it's really DX or a good tip.

Thanks to Jeff Ross for this bit of trivia. Reference: A Verite he received.
@ 0845
■ TRIVIA ANSWERS: (1) VINNY GAVRANO (2) 730 (3) NOV 1967 (4) APRIL 6, 1968

SPECIAL

690 WTIK LA NEW ORLEANS - now carries LK, per LK anct 3/26 (WRH-NY)

1030 WNVN IL VERNON HILLS - 3/1 1345 new stn hrd 4tk; according to an article in the Chicago Trib business section, they are owned by the publisher of various weekly newspapers in Lake Co. IL, and will carry talk shows hosted by their reporters; quite weak here, 4lots WTSO splash; slogan We're News Voice Radio (DS-WI)

WNVN IL VERNON HILLS - 3/4 1327 called stn; spokesman sed 1st day was 3/1 and it operates LSR+LSS 4000 watts D1; format is lcl nx & features using the resources of the News Voice nxpaper group; reports to: WNVN, 950 N. Western Ave, Suite 9, Lake Forest, IL, 60045 (DP-IL1)

1170 KSTT IA DAVENPORT - 3/1 2334-0030 hrd 4OC & AM 11-70 KSTT anctts every 20 mins or so; 4unID REL stn/KVOO (DS-WI)

1590 WONX IL EVANSTON - per stn, it operates 4an SP 0300-0600 M-F, 0400-0600 Sat-Sun; prgramg is ~80% SS, & 20% EE & other ethnic pgms (DP-IL1)

DX/EQUIPMENT TESTS

650 WSM TN NASHVILLE - 3/14 0106-0215 TT & OC; unID SS noted; back on MCRS RS @ 0215 check (WPF-IN)

1260 WEZE MA BOSTON - 2/22 0130 testing 4VIDs, giving stn address & location now testing on 1260 kHz (LMC-NY)

UNIDs & UNIDs IdD

800 WHOS AL DECATUR - tent hrd by WPF-IN (Issue 22) is definitely WHOS; they re REL up to 6 PM (CLT), then simul their FM, country WDRN, usually called Country 102; only @ legal IDs do they mention WHOS (a regrettably growing trend) (ES-AL)

910 UNID ?? - 3/12 1832 unannounced current & OLD nx, perhaps via satellite; pause @ 1858 was false alarm for it then continued 4nx+AP Nx @ :00; local car dir ad inserted @ 1902; Jude nx, still no ID; fair+4poor; mod hvy c-channel GRM (DP-IL)

1190 UNID ?? - 3/14 0622-0630 4Canada's Coast to Coast overnite show; looped to the NW, 4WCMQ; only stn that way is CFSL, but they're C&W, have they changed? (WPF-IN)

1210 UNID ?? - 3/12 1827 SS accordion nx & tkl via SSS; then gone by 1840; WCMQ? poor+4poor; 4WCAU (DP-IL2)

1360 UNID ?? - 2/22 0156 up thru much noise 4ID, sounded like WBB, then back under; no sign of WDRC, or much else; is WEBB on AN? (LMC-NY)

1590 UNID ?? - 3/17 0307 ROK nx, DJ; coming up, Elton John before fading out; returned 4promo tail @ 9 tomorrow on 2-106; new Sting song, original Candle in the Wind, Richard Marx tune; poor+4poor; 4MAKR 4ripply signal; WHD? (DP-IL1)

MIDNIGHT TO MIDDAY

570 WKYKt KY PADUCAH - 3/5 0442 ABC Talkradio 4Ray Brian discussing old-time TV 4guest WWSB/KOA; no ID hrd; too bad ABC's dropping Ira Fiestell for SJR & Snyder!; poor+4poor; hvy slop de WIND-560 (DP-IL1)

600 CFCH ON NORTH BAY - 3/15 041 noted on Coast to Coast pgalCKSO-790/CFOR-1570; gave phone # as 474-2000 during network break for lcl ads; 1st-timer, alone (WPF-IN)

WOW NE OMAHA - 3/15 0525-31 DJ patter, nx (4temps in Grand Island & Lincoln, + Omaha/Council Bluffs forecast); good & a real surprise (WRH-NY)

800 WHOS AL DECATUR - 2/23 0130+ 4good @ times in CKLW null 4Heart of Dixie Country 102 ID; caught dual ID another day WHOS, WDRM-FM; no verifiable info @ night, though (JM-PA) (This also confirms the WPF-IN catch)(Yes, see SPECIAL-WRH)

WLAD CT DANBURY - 2/23 0641 good in CKLW null 4ID, nx, lottery #, PSA (JM-PA)

KXIC IA IOWA CITY - 2/23 0650-0700 good, right thru CKLW 4SMN Oldies & Home of Classic Rock on KIX-800 (JM-PA)

950 KIMN CO DENVER - 3/15 0356-0404+ poor, but steady 4T40/MOR nx; 1st-timer 4WVWJ, but no WJPC; seems to be AU (WPF-IN)

970 WYQK TN SPRING CITY - 3/12 0600 4on; in the clear 4opening part of 4on, incl CL & location; soon covered by other 4ons; 1st time hrd here (KG-PA)

1070 KNX CA LOS ANGELES - 3/15 0350 L&C 4CHOK/WTSO, no WIBC; usually hrd once a season (WPF-IN)

1310 WIBA WI MADISON - 3/11 0550-55 9all 4pgm promos, NOS nx, ID & Madison nx (KG-PA)

1340 WPLJ PA WILKES-BARRE - 3/10 0556-1112 9equidistant WRW 4Memory Mx (like MYL), pga promos & frequent 1340-WPLJ IDs; typical satellite feed; again on 3/12 1142-1305 4local PLJ Polka Jamboree (ALF's kind of show, hi-WRH), ads & nx 4Cast+Memory Music Pgm; nx:WKRZ (KG-PA)

1350 WRAP VA NORFOLK - 2/17 0651-0708 atop channel prior to 0700, then fading; black history, HS BKB results, nx, wx, phone line, etc (HH-MD)

WSLR OH AKRON - 3/1 0035 fair, 4CHAR 4wx, 4Everly Bros song (LMC-NY)

1390 WNZG DC WASHINGTON - 2/22 0205 atop 4C&W, 4-Country Line promo, Washington's Country Stn slogan; FM simul (LMC-NY)

1400 WRAX PA WILLIAMSPORT - 2/24 0045 up thru GY mess 4promo/ID, K-14 slogan; first-timer! (LMC-NY)

1580 CBJt PG CHICOUTIMI - 3/5 0450 uninterrupted CLA nx4CJBC; no ID @ :00, just time pip; finally FF tkl by female @ 0510; fair+4poor; alone, 4WONX-1590 off (DP-IL1)

MIDDAY TO MIDNIGHT

570 WNAX SD YANKTON - 2/29 2319-30 back To The Bible REL pga; loud; 4off @ 2322; female 4WNAX, then apology for poor tape quality (sounded fine here!) (DS-WI)

WHAM WI MARINETTE - 3/2 2242 poor 4HS BKB (someone vs Green Bay Preamble); sponsor list @ 2242, frequent ments of Marinette (DS-WI)

610 KDAL MN DULUTH - 3/13 1903 4good 4CBS Nx, then 4OAT-4534+MOR nx (DS-WI)

680 KMBRt CA SAN FRANCISCO - 2/29 2300-0015 4CA & nat'l nx, 4WFTF; unfortunately only ad hrd was Coca-Cola; since WOI is on past my bedtime, haven't hrd CA in yrs (DS-WI)

690 KTCJ MN MINNEAPOLIS - 3/13 1912 poor 44off, no SSB; ments studio location & Owned by Park Communications, Inc (DS-WI)

740 KTRH TX HOUSTON - 3/1 2250-2330 fair 4Rockets vs Jazz NBA BKB; various ads & sponsor anctts, only one local one for Bay City Amusement Park; usually only CBL on this channel (DS-WI)

780 WZZK AL LINEVILLE - 3/1 1838-45 4off; strong in WBBM null 4AC nx, anctts More good mx & less tkl & Easy 7-80; full-data 4off 4ment of 5Kw (KG-PA)

830 WADU LA NORCO - 3/11 1901-15 strong 4WNYC 4nx, bank ad, wx, pga promo, & favorite hits (oldies); lost @ power cut (KG-PA)

900 WFRO OH FREMONT - 2/29 2333-0005 fair 4Cavaliers vs 4Blazers NBA BKB; ads for Holiday Inn, Rte 53 North & a Fremont Honda dir; 0003 anctt This is the official voice of the Cleveland Cavaliers in NW OH, WFRO AM & FM, Fremont, then SID (DS-WI)

920 KDHL MN FARIBAULT - 3/1 2310 fair 4end of HS BKB; long list of sponsors in West Concord; anctt @ 2312 KDHL Radio AM 9-20 (DS-WI)

930 WKOS NH ROCHESTER - 3/18 1835-1900+ way 9all 4old STD mx, clustered ads, wx, & frequent Coast AM 930 IDs; also KOST IDs; probable day pattern overrun (KG-PA)

990 CBM MB WINNIPEG - 3/13 2000-2005 poor-fair 4CBC Nx 4story on situation in Panama; 2007 fade out to WCFL GRM (AH-MI) (Adam, you ment (in rpt) GOS mx on 1000, I doubt it was WCFL-WRH)

1050 WBRG VA LYNCHBURG - 3/16 1725-31 clear in WFAN null 4C&W mx, ID & ad (KG-PA)

1060 WNOE LA NEW ORLEANS - 3/12 1912 out of promo tomorrow morning on Country 10-60, NOE 4Highway 101 song; new; fair 4KYW underneath (DP-IL2)

1080 WTIC CT HARTFORD - 3/13 1957 fair, but 4KRLD 4nx; WTIC ment @ 1959; KRLD usually alone on channel (DS-WI)

1070 WNCN NC GREENSBORO - 2/20 1730 good, mixing 4CHOK 4ID @ :30, wx, Traces by Classics IV (LMC-NY)

1090 WHUS MI MUSKEGON - 3/4 1322 anctt On 1-oh-? MUs; ads for car dir, Durn's Home Improvement Ctr, ski resort, furniture store; SID 1-0-7MUS, rocabilly tune; finally hrd here; last logged in Racine in '82; poor, rapid fading 4unID underneath (DP-IL1)

1100 WHIM RI PROVIDENCE - 2/20 1725 4WHLI 4C&W (LMC-NY)

WHLI NY HEMPSTEAD - 2/20 1725 fair, 4WHIM 4ad for furniture store in Freeport; call-in trivia contest; MOYL (LMC-NY)

1110 WSWF NY SENECA FALLS - 2/6 1815-19 atop @ times 4mod+hvy WBT GRM; 4off 4SSB (HH-MD)

WMBI IL CHICAGO - 2/9 1759-1821 atop for ~ 10 mins; nil+hvy WBT GRM; wx, ID & REL mx; WMBI has been on since 1926 & I have been DXing 41 yrs, and this is the first time I've hrd them (HH-MD)

1140 WCJW NY WARSAW - 2/28 1700 fair, 4C&W by the Gatlin Bros, lgl ID, ...and now news from WCJW Warsaw-Perry (LMC-NY)

- 1170 WVA WV WHEELING - 3/10 542-47 fair C&W mx > ads; Hank Williams tune; raspy WKYW GRM (AH-MI)
- 1210 KGYN OK GUYMON - 3/13 2001 fair, but WCAU; wx rpt, then KGYN; went to dead air, unless weak C&W stn WCAU was then WYweak modulation (DS-WI)
- 1370 WSPD OH TOLEDO - 2/29 2948 Dale Meyers on Toledo's home for Talknet, WSPD-1370 \$; good (DS-WI)
- 1400 WBAT IN MARION - 3/4 1824-31 poor, in mess WINSAA Boy's BKB coverage; only 2nd reception in 97 yrs; in WSJM null (WPF-IN)
- 1460 WBRN MI BIG RAPIDS - 3/13 1932 poor Wx rpt, then promo, slogan Your Place In The Country+C&W mx (DS-WI)
- 1490 WACM MA WEST SPRINGFIELD - 3/20 1900 briefly on top Wclosing SS pgm annc't, folded by an EE ID (HG-PA)
- WGMF NY WATKINS GLEN - 3/20 1915-18 9all WMOR song, ID & scores from ABC Nk; ex: 1500 (HG-PA)
- 1510 WAUK WI WAUKESHA - 3/2 1853 slogan Waukesha's Official NASCAR Stn, then Your Favorite Country Favorites (sounds redundant-hi); 9WVHN, in WLAC null (WPF-IN)
- 1550 WVA WV CHARLES TOWN - 3/5 1813 wedged in the mess Wments of Charles Town;let-timer (WPF-IN)
- 1580 WKXD IL AURORA - 3/21 1748 noted while passing thru area; running Pure Gold AC OLD format via satellite; UPI Nk (not via SMN) @ :00 Wlcl ad insert;lcl mx, then lcl eps tik show; slogan used is Pure Gold 15-80 (DB-IL3)
- 1600 WZMM WV WHEELING - 3/23 1820-24 in the clear WCHR mx, pgm promo, ad, I've Got A Secret contest annc't & 2-107 IDs (for FM) (KG-PA)

REPORTERS:

- ES-AL Edward Soule//Huntsville, AL//
- JM-PA John Malicky//Pittsburgh, PA//Superadio
- HH-MD Hank Holbrook//Chevy Chase, MD//TRF
- DS-WI Doug Smith//Madison, WI//ICF-2010 barefoot
- AH-MI Adam Hicks//Detroit, MI//Superadio + dipole
- LNC-NY Laura McCusker//Kingston, NY//
- WPF-IN Wendell Ford//Westville, IN//ICF-2010
- KG-PA Hermit Geary//Walnutport, PA//
- DP-IL1 Dale Park//Evanston, IL//Sangean-ATS-803
- DP-IL2 Dale Park//DXing in Oak Park & Western Chicago, IL//Chevy Caradio
- DP-IL3 Dale Park//DXing in Aurora, IL//Mazda Caradio
- WRH-NY Bill Hale//Johnson City, NY//Superadio

SOME ABBREVIATIONS & SPECIAL SYMBOLS USED IN DDX-D

T: test tones O: octopus carrier T: time check G: interference OTH: location SID: ringling ID CID: code ID j: jingle lcl: local lgl: legal
 x: music xz: news xw: weather sp: sports H: high school FB: football BB: baseball BKB: basketball HNT: hockey >: after <: before \$: stereo
 =: equal with or equal to //: parallel with >: over /under &: with &: very :00: on the hour *to: or into
 SS: Spanish F: French E: English P: political GOS: gospel REL: religion or religious BDB: big band OLD: oldies BKR: rock 'n' roll
 EZL: easy listening C&W: country & western A: adult contemporary UC: urban contemporary tik: talk ContChr: contemporary Christian
 CHR: contemporary hit radio AFI: Associated Press Radio UPI: United Press International HBS: Mutual Broadcasting System HBS: Motor Racing Net
 USBR: United States Radio Net MCR: Music Country Radio Net SSB: Star Spangled Banner LK: Larry King BB: Bruce Williams PH: Paul Harvey
 o/: on sign n/: off sign off S: sunrise SSS: sunrise skip SS: sunset SSS: sunset skip LSS: local sunset

via Doug Beard
 DES MOINES SUNDAY REGISTER ■ March 20, 1988 / 7B

Burlington weather man Jespersen dead at age 83

By BRETT CHASE
 Register Staff Writer

KBUR-1440

People used to like the way "Stormy" Jespersen forecast the weather so much that they called him at home to check the weather before going on trips, friends say.

Jespersen, 83, more properly known as Charles F. Jespersen Sr., died of a heart ailment at his home in Rockville, Md., Friday.

The longtime Burlington weather forecaster worked for the National Weather Service's Burlington bureau for nearly 20 years before retiring in 1964 and broadcast his weather reports over radio station KBUR-AM in Burlington. He later worked as a dispatch chief for the Burlington Hawk Eye newspaper.

"He was so popular, KBUR built a

studio booth at the airport" where Jespersen put together his forecasts, KBUR spokesman James Livengood said.

Jespersen's son, Charles Jr. of Rockville, said his father, who had taken courses in meteorology at the University of Chicago, enjoyed his job. "He said there was always something new. You couldn't give them yesterday's weather," the son said.

In addition to his son, Jespersen is survived by a daughter, Ann J. Carlson, 55, of Rockville, nine grandchildren and 15 great grandchildren.

Funeral services will be Monday in Rockville.

73, Bill



CAPITOL BROADCASTING COMPANY
 1150 CONNECTICUT AVENUE, N.W.
 WASHINGTON, D.C. 20036



24 HOURS A DAY
 BROADCASTING CENTER — 2800 MATHews STREET
 BALTIMORE, MARYLAND 21218

DOMESTIC DX DIGEST - WEST

Nancy Hardy, 2301 Pacific Avenue, Aberdeen, WA 98520

The next few DDX-West deadlines are Saturday April 16, May 21, June 25. Report! See you all in three weeks.

SPECIAL

- 530 KNEC996 CA SANTA ANA - 3/21 1720 NEW STATION first noted today. Operated by Cal Trans to advise motorists of major construction along the Newport Beach Freeway (mostly the CA-55/I-5 interchange). Tape loop with man/woman also gave phone number for Calif. Highway Information Network. I'm 95% sure of the calls, and am assuming the location, based on the freeway references in their broadcast. S. Calif.'s sixth station on 530 kHz!! (TRH-CA)
- 1330 KMRR AZ TUCSON - MM 3/14 0106 good over KPAC with MYL-type music, ID by male DJ "KMRR, AM 13-30, the desert's memory maker, with 40 years of great music." Ex-KHYT. (TRH-CA)

MIDDAY TO MIDNIGHT

- 920 KQLO NV RENO - 3/21 ID 2100 thru KNEW-910 sloop with C&W music. (DKK)
- 1090 CHEC AB LETHBRIDGE - 3/20 2310 fair-good with countdown programme, IDs and new slogan "10-90 Check, where winners listen." Local XEPRS signed off for a few hours instead of running the Mexican National program! (TRH-CA)
- 1140 KVLI CA LAKE ISABELLA - 3/15 s/off 2100 atop KRAK with full annc'ts & instrumental SSB. (DKK-CA) 3/20 2058 poor, but poked through KCMJ/KRSR/KRAK mess with a nice clear ID, then back a few minutes later with s/off & SSB. New, CA #202. (TRH-CA)
- 1230 KGEO CA BAKERSFIELD - 3/20 2155 fair with DJ "Carl," "Million Dollar Weekend" slogan & oldies. KSON-1240 still no problem. (TRH)
- KSZL CA BARSTOW - 3/19 1927 poor-fair with C&W music, ID "AM 12-30, KSZL, Barstow." Also noted the following day. No sloop from local KSON-1240. (TRH-CA)
- KYO CA EL CENTRO - 3/19 2006-2057 fair with KSZL et al with HS BKB coverage--Calipatria Hornets vs Griffin Christian HS for CIF title. Lots of congratulatory ads from local businesses. (TRH-CA)
- 1240 KJOP CA LEMOORE - 3/17 2230-2330 poor-fair in KSON null with usual SS programming & IDs. Mixing with what seemed to be a Mexican. (TRH-CA)
- KSON CA SAN DIEGO - 3/18 station has been noticeably weaker all week. Suddenly I can completely null them at times, & there is now generally no sloop on 1230 or 1250! Unsure if they're running at reduced power, dropped stereo, or what, but I welcome the change! (TRH-CA)
- UNID ??? - 3/17 2315 cutting through local KSON, faded up for very clear ID, which sounded like "KCLA." Definitely not KCLV. Call change for someone? (TRH-CA)
- 1300 KLER ID OROPINO - 3/10 1935 ID & time, totally in control of 1300 with local KMPS nulled. (RHM-WA)
- 1490 KSYC CA YREKA - 3/15 2301 atop with ID, ads, news, Larry King. (DKK)
- KCID ID CALDWELL - 3/15 2250 atop with ID, soon gone. (DKK-CA)

MIDNIGHT TO MIDDAY

- 560 KLVI TX BEAUMONT - MM 3/14 0300 thought I caught their legal ID, but tape was too garbled to confirm it. Mixing with KLZ in KSFO null. (TRH-CA)
- 660 WNBC NY NEW YORK - 3/11 0420 very weak under CFRR with what seemed to be local news or talk. Managed to catch their ID on tape. Not heard since 1977, so wasn't in my current totals. (TRH)
- 710 KIRO WA SEATTLE - MM 3/7 0400 poor, just caught legal ID with KMPC off. Seemed to be running Talknet with KNUS, mixing with KGNC (Larry King), and usual XEDP. Rare here. (TRH-CA)
- 810 WGY NY SCHENECTADY - MM 3/14 0340 in & out with KGO for a couple of hours with pop tunes including James Taylor, Stevie Wonder, and promos for the morning ag. program. Again 3/16 with call-in show, weaker but still readable. NY #3. (DL-HI)
- UNID ??? - 3/14 0340 in between WGY/KGO weakly for a couple of minutes. A black sounding preacher with a bit of a clipped accent. ZNS a possibility? Looped that way. (DL-HI)

870/ WLW/ LA/ NEW ORLEANS & LEXINGTON - 3/11 0530-0542 noted simulcasting
 880 KRVN NE with the "Read Gang Truck Radio Network" C&W music show. Male DJ gave dual IDs. Great idea, since a trucker leaving one station's coverage area could just tune 10 kHz over to get the other station. (TRH-CA)

950 KJR WA SEATTLE - 3/14 0433 finally surfaced above KAH1 long enough to catch an ID between Beach Boys & Benson cuts. (DL-HI)

960 KLKL OR KLAMATH FALLS - 3/24 with KABL with Mutual News at 0230, L. King to 0300, Mutual News to 0303, into C&W music, K-Like promo at 0306. (DKK-CA)

980 UNID ??? - MM 3/14 0330 unID Talknet under KFVB/CKRM. Maybe KMBZ? (TRH-CA) (K SVC and KINS also possible, if on at that hour.--NH)

990 KRKT OR ALBANY - 3/10 0501 weather & call; AN? (RHM-WA) (Has been 24 hours about 2 years.--NH)

UNID ??? - MM 3/14 0324-0506 unID Larry King mixing with KTKT. KGTM or KHVH?? (TRH-CA)

CBW MB WINNIPEG - 3/14 0729 bobbing above KKIS in partial KHVH null with CBC sports & local weather, when I had nearly despaired of ever hearing Manitoba. Province #4. (DL-HI)

UNID ??? 3/16 0328 somebody testing with 1 kHz tone behind local KHVH. Couldn't get deep enough null to hear ID. Over KKIS some of the time. (DL-HI)

1060 KYW PA PHILADELPHIA - 3/14 0523 the surprise of a good morning with weather, "It's 34 degrees at International Airport," and business report to go with the rest of all news format. Well above CFMN for 10 min. or so. Again 3/16 but weaker a la WGY-810, WBZ-1030, also heard these dates at record levels. (DL-HI)

1190 KPZE CA ANAHEIM - 3/24 0000-0100 with "Sports Roundtable" syndicated sports show. In well in KEY null. ID 0100. (DKK-CA)

KLIF TX DALLAS - MM 3/14 0347-0410 fair-good with KPZE with Talknet, local ads & promos, and a couple of nice clear legal IDs. Only heard once or twice before, with lousy signals. Was KEX off? (TRH-CA)

CFSL SK WEYBURN - 3/14 0110 very weak to fair with Coast To Coast program & local spots and promos plugged in. Just a slight trace of KLIF and nothing else this AM with KEX off. (DL)

1230 KAAA AZ KINGMAN - 3/18 0700 s/on, C&W music, "K triple A" IDs. No slop from local KSON-1240. (TRH-CA)

KGPF CA LOS ANGELES - 3/7 0415 atop with ID. (DKK-CA)

KYVA NM GALLUP - 3/18 0659 faded up for legal ID, then killed by KAAA s/on. New, NM #24. (TRH-CA)

KRSY NM ROSWELL - MM 3/14 0157-0217 fair with KLAV with SMN country music, SNM news on the hour, and taped IDs "12-30 on your Roswell radio dial, KRSY." Best reception ever -- local pest KSON-1240 has lost some signal strength in the past few months! (TRH-CA)

1250 KIKZ TX SEMINOLE - 3/18 0740-0800 fair under KTMS with C&W music, morning show hosted by DJ "George," local ads. Killed by KCIW s/on. Got just enough for a report this time. (TRH-CA)

1280 KDUK OR EUGENE - 3/24 0100-0200 atop, ended Sonics-Blazers BKB 0107, then NOS-MOR music. ID atop 0141. (DKK-CA)

1310 KIVA NM CORRALES - MM 3/7 0310 good, dominating channel tonight with rock music, "New Mexico's hot-rockin' FM 105" slogan. Rarely this strong. (TRH-CA)

1320 KAVI? CO ROCKY FORD - MM 3/7 0300 may have caught their ID, but tape recorder wasn't on at the time. Per March 7 DX News, they have been granted 98 watt night power. Would be new if I were sure about it. (TRH-CA)

1340 KSGR ID NAMPA-BOISE - 3/14 0315 "Music from the 60s & 70s, you're tuned in to 1340, KSGR" ID. 3/15 0536 atop with ID. (DKK-CA)

KMTW NV LAS VEGAS - MM 3/7 thru QRM 0323-0400 atop. (DKK-CA)

KRCV NV RENO - MM 3/7 s/off 0301. (DKK-CA)

KATY CA SAN LUIS OBISPO - MM 3/7 s/off at 0300. (DKK-CA)

1350 UNID ??? 3/14 0345 TT blasting thru KSRO, gone by 0400. (DKK-CA)

1360 KLFF AZ GLENDALE - 3/14 0333 ID "The music of K-Life" briefly atop KRKK with fair signal. In/out past 0400. (DKK-CA)

KSCJ IA SIOUX CITY - MM 3/14 0630 s/on. (RHM-WA)

KOHU OR HERMISTON - 3/14 0900 s/on in KKMO null. (RHM-WA)

KRKK WY ROCK SPRINGS - 3/14 0321 "KRKK, Rock Springs----" ID after rock music. Female anncr. Singing ID 0344 atop. Atop all morning. (DKK-CA) 3/14 0402 ID as "Rock Springs-Green River." No MM SP? (RHM-WA)

1370 CFOK AB WESTLOCK - 3/21 0400 Canadian news & sports with details of Oilers hockey game, briefly atop unusually weak KEEN. Music sounded C&Wish but tough to separate them. Only thing salvaged from a morning of very mushy conditions. (DL-HI)

1380 KSRV OR ONTARIO - 3/9 0710 ID thru nulled local KRKO. (RHM-WA)

1410 CFUN BC VANCOUVER - 3/15 0445-0530 atop with light rock & good signal. Doesn't usually come in this well. (DKK-CA)

1450 KOWA CA ESCONDIDO - 3/22 0410 ID atop KONE/KEST. Local ads and promos, C&W music. "Country 92, K-0-W" IDs. Mixing with QRM since 0300. (DKK-CA)

1450 KTIP CA PORTERVILLE - 3/10 0206 "KTIP Radio" ID thru mess. (DKK-CA)

KVEN CA VENTURA - 3/15 0430 ID during Larry King break under KEST. (DKK-CA)

KKXO OR EUGENE - 3/14 0900 "Good morning. This is KKXO," and nothing else at what was probably s/on. (DL-HI)

1470 KWSL IA SIOUX CITY - MM 3/14 0510 with "24 hours a day, it's KWSL." Another MM SP gone, or is this "old news"? (RHM-WA)

KHND ND HARVEY - MM 3/14 0700 s/on, announcing 151 watts prior to sunrise, 161 watts after sunset, if I heard correctly. Report off asking verification of PSA reception. (RHM-WA)

KAPS WA MT. VERNON - 3/14 0600 ID, sounded like RS, and sounded like about 17 watts, xmtr perhaps 15 miles or so north of me. (RHM)

1480 KPHX AZ PHOENIX - 3/14 0403 way atop with Spanish program. (DKK-CA)

1490 KSYC CA YREKA - Adds Larry King per show. (TRH-CA)

UNID ??? - 3/15 0254-0310 two unID stations, both with Larry King, with significant delay between the two. None of the stations I've logged on 1490 supposedly run LK, so I may have had 2 new ones here! Both looped NNE. (TRH-CA)

UNID ??? 3/21 0318 a tester with intermittent use of 1 kHz tone weakly in KUMU-1500 slop. Noted until 0325. (DL-HI)

1530 WCKY OH CINCINNATI - 3/14 with TC & ID 0529, poor-fair sig. in clear. (DKK-CA)

1550 KXEX CA FRESNO - 3/7 0335 with Spanish programming under KKHI. (DKK)

KZQQ UT WEST VALLEY CITY - 3/14 0421-past 0500 dominant with KKHI off. Several Z-Rock IDs & legal ID at 0502, "Z-Rock, KZQQ, West Valley City, Utah." Heavy rock music over 3 other unIDs. (DKK-CA)

UNID ??? - 3/14 station under KZQQ et al with many 800 # ads, hard to tell what format they belonged to tho. 0420+. (DKK-CA)

UNID ??? - 3/14 0420+ under KZQQ et al with old standards. KSVY? (DKK-CA)

UNID ??? - 3/14 0525 under KZQQ et al with rock music. KQWB?(DKK)

1560 UNID ??? - MM 3/21 0410 unID with Larry King. Possibly unneeded WPAD or needed KCJJ. (TRH-CA)

1590 KOGO CA VENTURA - 3/14 0500-0530 overriding KLIV with America Overnight program & local IDs. Light rock music. Thought they were MYL or NOS???? (DKK-CA)

KIIQ NV SUN VALLEY - 3/16 0842 poor-fair with ads & slogan IDs: "FM 104.5, AM 15-90, K-I-C-K." (TRH-CA)

REPORTERS

TRH-CA/Tim Hall, Chula Vista, CA 92010/ICF-2010, Radio West loop
 DKK-CA/Doug Kaskey, San Francisco, CA 94121/Patrolman SW-60
 DL-HI/Doug Lamerson, DX'ing from Makapu'u Pt., O'ahu/Superadio II & unamp. loop
 RHM-WA/Roy H. Millar, Marysville, WA/FRG-7 et al

LAST ISSUE: DDXD-WEST

DDXD-West reporters:
 TRH-CA/Tim Hall, Chula Vista, CA 92010/Sony ICF-2010, Radio West loop
 BH-WA/Bill Hardy, Aberdeen, WA 98520/FRG-7, Radio West loop
 NH-WA/Nancy Hardy, Aberdeen, WA/FRG-7, Radio West loop
 DKK-CA/Doug Kaskey, San Francisco, CA 94121/Patrolman SW-60
 DL-HI/Doug Lamerson, DX'ing from Makapu'u Pt., O'ahu, HI/Superadio II and unamp. spiral loop
 RHM-WA/Roy H. Millar, Marysville, WA/FRG-7, SM-1 et al
 JT-CO/Jeff Tynan, Parker, CO/Sony 2002 with loop

Times are GMT

For ELT subtract 5 hours.

Deadline: Monday

- 153 ALGERIA/WEST GERMANY 3/6 0405 onward: Algeria +30 dB/noise with weak Deutschlandfunk underneath. (Bohac)
- 162 FRANCE Allouis 3/6 weak signal by 0400, 20 dB/noise. (Bohac)
- 171 USSR 2/4 1988 noted 0203 playing NA. Checked freq during excellent European LW opening 3/6. During period of 0330-0415 nothing from USSR heard. (Bohac)
- 177 EAST GERMANY Oranienburg 3/6 0332 sig 30 dB/noise. (Bohac)
- 183 WEST GERMANY Saarlouis 3/6 0340 w/strong sig 40 dB/noise. (Bohac)
- 198 ENGLAND BBC noted 2/2 on this channel one day after the planned move down 2 KHz from 200 KHz. On date 3/6 0340 sig +35 dB/noise, but by 0400 much weaker and badly mixed w/Algeria, strong beat type note. (Bohac)
- 200 ENGLAND BBC heard on both 30 and 31 Jan before the scheduled move to 198 KHz on 2/1. (Bohac)
- 200 UNID 24 1988 0300 Slavic lang stn noted this time/date after BBC had vacated the channel and moved to 198 KHz. No positive ID made. (Bohac)
- 200 ALGERIA 2/4 0430-0516 running parallel to 153 KHz: Arab music till 0456, female anncr till 0502, then into Koran. With the BBC abandoning 200 KHz as per WARC, Algeria was uncovered. One time clear channel reception on 2/4 only. Not heard subsequently on this channel. In march noted on 198 KHz beneath BBC. Had detected Arabic programming on 200 KHz on two occasions in May and June of 1987, but thought ears playing tricks. WRTH 87 was no help - Algeria unlisted. (Bohac)
- 209 MOROCCO 3/1 noted 0505-past 0525 w/male Arab anncr. Also heard on dates of 3/4 and 3/8 between 0200-past 0405. Noted still on 209 KHz as of 3/8, vice 207 KHz. (Bohac)
- 216 MONACO/NORWAY stations were supposed to move to 216 KHz from 218 KHz in February but Monaco had not. However, on some date between 3/6 and 3/18 Monte Carlo made the change. Noted 3/18 0504 on 216 KHz. During this month that 216 was devoid of Monte Carlo, numerous attempts were made for Norway, but to avail. (Bohac)
- 218 MONACO 2/4 Monte Carlo still on this assignment. On date 3/1 0535 alternate male and female in FF. Date 3/4 0450 w/FF pops. Recheck 35: Monte Carlo still on 218 KHz, vice 216 KHz. Late check reveals the 218 KHz assignment vacated by Monaco - see 216 KHz. (Bohac)
- 225 POLAND Konstanyow on check 2/4 Poland noted on this new freq assignment in concert with WARC. A move down 2 KHz from 227 KHz. On date 3/6 noted w/deteriorating sig 10 dB/noise at 0345, gone by 0400. (Bohac)
- 234 LUXEMBOURG 3/4 0350 FF male. Heard on 234 KHz now, a move down 2 KHz from 236 KHz. On date 3/6 0350: sig +25 dB/noise level. (Bohac)
- 254 ALGERIA 3/1 0458-0515 female anncr in FF. On date 3/7 2325-2330 male/female FF anncrs. (Bohac)
- 263 UNID 3/4 0350-0401 unid European noted on this channel. (Bohac)
- 272 CZECHOSLOVAKIA Topolna 2/4 heard well in time slot 0306-0425 fadeout. Female anncr in Czech w/news at 0306 in progress, news 0330 by male anncr, 0400 time pips, time check and Hvezda IS noted. On 3/4 0400-0440 fadeout. Prior to 0430 had folk tunes with Czech vocals and male anncr, female w/news in Czech 0430-0438 followed by pop music till fadeout. On 3/5 noted weakly with pop music till fadeout. On 3/5 noted weakly with pop music at 0437 following news. The date of 3/6 brought a stupendous signal from Topolna just prior to 0325 in an excellent European LW opening accompanied by extremely quite band conditions. Topolna's signal greater than 35 dB above the noise level and within 2-3 dB of Saarlouis and easily as good as the almost nightly reception quality of Algeria on 153 KHz during mid-Winter. During that 3/6 reception, Topolna playing jazz music at 0325; 0330 time pips, time check, Hvezda 5 note IS played twice, ID and news. After news concluded, jazz music continued. Very slow and gradual fade to near-inaudibility by 0415. Topolna reception taped. (Bohac)
- 1620 AUSTRALIA assumed RPH stns w/typical slow 1-2 Hz SAH. Traces of audio noted 3/23 1028, 1042 and 3/22 at 1046 and 3/21 at 1037. (Moore)
- 1629 AUSTRALIA best reception ever 3/20 1031-1046, woman with travelogue on Ireland ending with John? Gary singing "Galway Bay" as they went into dawn fadeout w/o ID. Second tx almost readable under it at times. Also good audio 3/23 1033-1040, traces 3/15, 3/16, 3/21, 3/22. Aussies who listened to my 10/14 tape say it was 3RPH not 2RPH as I assumed from postal code. They heard mention of Melbourne telephone number and 3RPH did broadcast "Radio Forum" in October. (Moore)

Steve Bohac - Branchville, NJ R7, NRD515, 3' loop, Roca LF converters
Ray Moore - Walpole, MA homebrew rx, 22" ferrite loop w/homebrew preamp

A junk meter from a volt-ohm-milliamp meter makes a sensitive tuning meter that helps zero in on weak signals. The only other part needed is a resistor. Only one wire is attached to your circuit board, and another to the "-" or the battery negative clip.

For connecting the first wire a point must be found which will tap into the "+" supply to the last I.F. (in some cases to all I.F.'s, oscillator and first detector). A wiring diagram may or may not save some time. Sometimes this point is at full battery voltage, but it normally will be only slightly over half of that. If three I.C.'s are used, one is usually mostly for the AC-DC power supply, and another for second detector and A.F. amp.

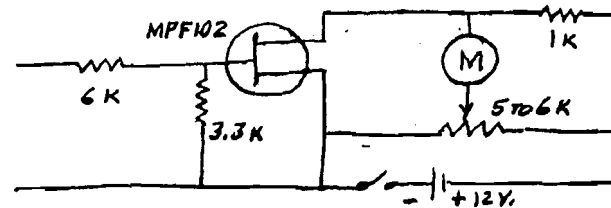
Connect a resistor of not less than 5K in series with the meter and try it across the battery supply to get the correct polarity. Then put the resistor on the plus side and use the resistor lead as a probe on the Top of the circuit board. Be very careful not to take any chances on your probe contacting two bare points at once - especially on I.C. terminals.

Now turn the radio on and tune it to a local. In the most likely area, if you have I.C.'s, touch the probe to each terminal; if no I.C.'s, touch the probe to each lead of each resistor and capacitor that you can (in this case you may find two or three "good" spots. If a spot zaps your meter all the way over or shows nothing at all, rule it out. On the others hold your probe in place and tune off the signal. When the meter goes way up you have found the right spot - since the voltage here goes up on a weak signal and down on a strong one. Turn radio off.

Get a small droplet of solder attached to the end of a thin, insulated piece of hookup wire and, using as little heat as possible, briefly touch it with a pencil tip soldering iron, to make a connection. Run the necessary two wires out of the case and experiment with the 5K resistor, between 5 and 10K, to adjust the meter to the best range. It will always go left on a strong signal and when radio is off.

If your meter is not as sensitive as most, this circuit, when operated on a 12V, flashlight battery pack (good for a year) will multiply the voltage changes five to ten times, depending on the MPF102 (they vary), 9 volt will give three to six times increase.

Here meter goes to right on a strong signal.



1480 WJJA Radio
251 Highlands Road
Franklin, North Carolina 28734



POST OFFICE BOX 100 • VALDOSTA, GEORGIA 31601

SPORTS NETWORKS

Barry S. Finkel, 10314 S. Oakley Ave., Chicago, IL 60643

Here is network information for 1988 Major League Baseball. CBS radio will broadcast one day and one night game each Saturday, beginning April 9. CBS will also carry the All Star Game, post-season games, and a few weekday games during the pennant races. The announcers on the 265-station network are Brent Musburger, Johnny Bench, Bill White, Jerry Coleman, John Rooney, Dick Stockton, Howard David, Jim Hunter, and Gene Elston. Please send me any network lists and announcers that you have. This info comes from Broadcasting 3/7/88.

Atlanta Braves	750 WSB -GA	115	Ernie Johnson, Pete Wieren, Skip Caray, Billy Sample
Baltimore Orioles	1090 WBAL-MD	40	Jon Miller, Joe Angel
Boston Red Sox	1390 WPLM-MA	81	
	99.1 WPLM-MA		
California Angels	710 KMPC-CA	22	Al Conin, Ken Brett
	1090 XPRS-BC	0 SS	
Chicago Cubs	720 WGN -IL	81	Dewayne Staats, Harry Caray, Jim Frey, Lou Boudreau
Chicago White Sox	670 WMAQ-IL	25	Lorne Brown, Del Crandall
	1300 WTAQ-IL	0 SS	
Cincinnati Redlegs	700 WLW -OH	72	Marty Brennaman, Joe Nuxhall
Cleveland Indians	1110 WWWE-OH	28	
Detroit Tigers	760 WJR -MI	37	Ernie Harwell, Paul Kary
Houston Astros	740 KTRH-TX	40+	
Kansas City Royals	580 WIBW-KS	120	Denny Matthews, Fred White
Los Angeles Dodgers	790 KABC-CA	30	
	1300 KWKW-CA	0 SS	
Milwaukee Brewers	620 WTMJ-WI	60	
Minnesota Twins	830 WCCO-MN	65	Herb Carneal, Jim Kaat, John Gordon
Montreal Expos	600 CFBC-PQ	9	Dave Van Horn, Jim Fanning
	730 CKAC-PQ	30 FF	Jacques Doucet, Rober Broulette
New York Mets	1050 WFAN-NY	110	
New York Yankees	770 WABC-NY	39	
Oakland Athletics	560 KSFO-CA	16	Ray Fosse, Bill King, Lon Simmons
	1430 KNTA-CA	0 SS	
Philadelphia Phillies	1210 WCAU-PA	29	Harry Kalas, Richie Ashburn, Andy Musser, Chris Wheeler
Pittsburgh Pirates	1020 KDKA-PA	40	Lanny Fratare, John Sanders, Steve Blass, Jim Rooker
Saint Louis Cardinals	1120 KMOX-MO	115	Jack Buck, Mike Shannon
San Diego Padres	760 KFMB-CA	12	
	1420 XEXX-BC	20 SS	
San Francisco Giants	680 KNBR-CA	10	Ron Fairly, Wayne Hagin
	1010 KIQI-CA	32 SS	
Seattle Mariners	710 KIRO-WA	30	
Texas Rangers	820 WBAP-TX	18	
Toronto Blue Jays	1430 CJCL-ON	65	Tom Cheek, Jerry Howarth, Scott Ferguson

Chicago Cubs 1988 Dewayne Staats, Harry Caray, Jim Frey, Lou Boudreau

590 WJMS-MI	1150 KGKY-AZ	1400 WBAT-IN	1490 WGAN-IL	92.1 WFPS-IL	98.3 KZBA-IA
720 WGN -IL	1170 WACV-AL	KADR-IA	WPBK-MI	92.7 KOSG-IA	KEMB-IA
870 KRÖL-NV	1230 WXCO-WI	1420 WOC -IA	1510 WINU-IN	94.3 WBMZ-IL	100.9 WPGW-IN
910 WAKO-IL	1250 WIZZ-IL	1440 WMLA-IL	1540 WBNL-IN	WJNZ-IN	102.3 WRHL-IL
920 WMOK-IL	1310 WGH -VA	WGEN-IL	1550 WJIL-IL	WNZE-IN	103.1 WAKO-IL
940 KNST-AZ	1320 WNGO-KY	WPGU-IN	WCSJ-IL	95.3 KOKX-IA	104.7 WCSJ-IL
950 WKTS-WI	1330 WRAM-IL	1450 WEZR-IN	KAPE-MO	WBKN-MS	104.9 WAXI-IN
1020 WCIL-IL	1340 WTAN-FL	WASK-IN	1560 WRIN-IN	95.9 WKVZ-IN	105.1 WOJO-IL
1040 WHO -IA	WLAV-MI	1460 WRTL-IL	1570 WIFF-IN	96.7 WRVI-IL	105.5 WJVO-IL
1050 WDZ -IL	1350 WIOU-IN	WKAM-IN	1580 WAMU-IN	WCOE-IN	107.1 WBNL-IN
1060 WRHL-IL	1370 KLBA-IA	1470 WHUT-IN	1590 WPCO-IN	96.9 WLBH-IL	107.3 WRSW-IN
1080 WPOK-IL	KDTH-IA	WQSN-MI	KWBG-IA	97.7 WMOI-IL	
1090 KYBG-CO	1380 WCTM-IA	WCHJ-MS	1600 KCRG-IA	WFRX-IL	a Spanish
1130 WJTP-NC	1390 KCLN-IA	1480 WRSW-IN	WCWC-WI	WAXI-IN	

John Malicky □ □ □ *As Press*
KDKA radio's decision not to purchase the rights to Pirates baseball while continuing as the team's flagship station was influenced by several factors, one of which was that it lost money on the games in eight of the past 10 seasons, including the past three.
"The Pirates were not a money-maker for us," said Rick Starr, the station's vice president and general manager.
The Pirates are seeking to increase their presence in several small markets outside of Pittsburgh

through the use of local radio stations. In the past, KDKA was not interested in increasing the size of the network because it had the potential to reduce local ratings while not having significant impact on the ad rates for Pirates games.
Starr estimated KDKA's cost of rights fees, production and talent to be about \$2 million per season. He said the station had lost "hundreds of thousands of dollars" on the Pirates in the past.
Under the new arrangement, the Pirates will sell all advertising, hire announcers and assume the cost of

production. Starr said there was "a compensation structure" and the potential to share profits with the Pirates under the new arrangement.
"What we did was off-load some of the risk," Starr said.
"With a baseball deal there is a lot of stuff you have to do that have nothing to do with our main job - putting on 24 hours of radio programming. But there are things you have to do for advertisers if you want to leverage more dollars. The Pirates have more access to the team and use of the stadium for promotional deals that advertisers like."

Listed here are the phone numbers of DXers who want to be contacted by other members with hot DX tips. The nature of this tip could be:

- a late-breaking CPC Test
- a sunset skip pipeline to a certain area
- a station that's usually NSP, off the air
- a daytimer on late for emergency or testing after midnight
- another new station on the air, etc.

Please call only during the specified calling times, and use the by-state listing to judge who would benefit most from your tip.

In the case of needing to notify many people, like in the case of a CPC Test: Ask each person to call a couple of other listed persons. This list will work best if everyone cooperates.

An updated list will be compiled July 15, but if no new information comes in by then, a new listings or changes will be accepted at the convention and a new list submitted after that. Those marked *** for known location or phone number change should advise of their new number and calling hours.

All times Eastern Local. '-A' : has answering machine--use it.

Name	St.	Days/times to receive calls	Phone number
Bruce Conti	NH	SSS, SM, MM	603-878-3595
Ray Arruda	MA	Seven days 01-05	617-998-3958
Ernest Cooper	MA	7 days 01-03, + SSS; NOT 21 - 01	617-487-9337
Marc DeLorenzo	MA	SSS to 2200; Fri+Sat SSS to 0000	617-429-1594
Burton Zacks	RI	SSS 18-2200, 7 days	401-274-8346
Tony Fitzherbert	CT	SSS	203-336-8959
Jay Smilkstein	NY	Seven days 1100 - 0100	914-666-6811
Ken Chatterton	NY	NSP -- anytime	315-387-3583
*Paul Mount	NJ	MM, + 18 to 0100 7 days	201-836-1682-A
Bob Smolarek	NJ	SSS 17-0000 7 days	201-439-2016
Steven Paradies	PA	***	717-374-0101
*Dave Schmidt	DE	24 hours NSP	302-323-0333-A
Bill Harms	MD	SSS to 2100, SRS Sat 06-09	301-498-1324
Bill Coleman	NC	Seven days to 04	919-443-3551
Dave Fox	PA	SSS	215-373-4400
Dave Whatmough	ON	MM,SM	416-527-0383
Jerry Starr	OH	MM	216-534-1394
Dan Jakubowski	OH	MM	216-845-9341
Ken Romstadt	OH	MM	419-475-3089
Gary Siegel	OH	'Let ring 3 times or less' MM,SM,SSS	419-726-1405
David Reitz	KY	SSS	502-239-8300
Dick Truax	KY	SSS to 2300	502-491-2871
Dan Bartek	NE	' anytime a clear's off '	402-443-4494
Robert Kramer	IL	MM to 03; all nite SM	312-262-6299
Tom Jasinski	IL	7 days SSS0000	815-744-4174
Eric Loy	IL	SSS	217-586-3255
Jeff Kadet	IL	'not during Carson's monologue otherwise anytime'	309-833-1809
Mike Knitter	WI	SM, MM	608-423-4159
*John Rieger	WI	SSS to midnite + Sat to 01	414-764-5859-A
Eric Bueneman	MO	Weekly to 0045; Weekends 0200	314-895-1436
Niel Wolfish	MB	MM	204-474-2941
Bill Whitacre	TX	MM,SM,SSS	214-343-1433
Don Erickson	CA	2200-0100 Su Only 'mention TipTrade on Answ. Mach.'	714-687-5910
*Albert Lobel	CA	SSS=sunset skip/early eve.	619-484-0604-A
		MM = Monday Morning	619-566-0092
		SM=Sunday Morning	
		SSS=sunset skip/early eve.	
		SRS=SunRiseSkip	

Updates go to: Paul Mount 471 Emerson Ave. Teaneck, NJ 07666-2727



Broadcast Band Apparent Frequency Deviations and Earthquake Forecasting - a 15 month report.

R. F. Cole 3-1-1988

The possibly devastating damage by earthquakes has grown greatly due to increased population density and city growth and complexity. For several decades scientists have sought a reliable means of forecasting quakes, and in a few successful cases in China in recent years, when whole cities were ordered evacuated, thousands of lives have been saved when it was possible to give an advance warning.

No way has yet been found which meets all the criteria of a successful forecast, i.e., reliability, timing and severity. Now an entirely new possible means has been accidentally discovered and carefully followed up for fifteen months. Many questions remain to be answered, but many more have been satisfactorily answered.

During this investigation there has been considerable normal skepticism by some of "the establishment" in seismological and radio fields, but in a few cases, an open mindedness and cooperation that included very valuable suggestions. A university professor, well known for his own scientific investigations in another field, played "the devil's advocate" with questions and criticisms concerning methods. Much is owed to this "devil's advocate".

Skepticism of friends and acquaintances vanished and became interested support when two California quakes were successfully predicted within a twenty four hour time period, a week in advance. However, a subsequent third similar prediction passed with no result - possibly because the San Andreas Fault was locked too tightly for the amount of force applied.

The phenomena that was accidentally discovered in December, 1986, was that within the 550 to 1600 kilohertz broadcast band there were apparent shifts of frequencies, occasionally as much as 15 khz. on a superhet radio, even though the transmitters are allowed a tolerance of only .05 khz. by the F.C.C. and even though most modern transmitters automatically shut down with a deviation of .5 khz.

The very first indication of this phenomena appeared when trying to accurately log distant stations with a new crystal set called the Tuggle Circuit. For a crystal set it has remarkable sensitivity and selectivity and quickly logged stations spread over half the country, plus Canada, Mexico and the Netherlands Antilles.

However, a non-powered crystal set does not have stabilizing oscillator, mixer and intermediate frequency circuits, and the apparent frequency deviations were quite "wild" - up to 40 khz. A frustrating situation.

At this point a portable superhet with an R.F. stage, a Radio Shack TRF 12-656, became the chief means of monitoring the phenomena. It had a section of a centimeter ruler already installed in the dial as a means for accurate logging, the circuit had been peaked, and the logging scale was calibrated with a crystal oscillator. Later a nine point vernier scale was added to the dial pointer and a multivibrator circuit added to the oscillator for a recheck of calibrations.

Periodically, various theories and results of this investigation were published in the "D-X News" by the National Radio Club, which prompted some helpful suggestions and contributions by a few of the many club members.

Beginning in December, 1986, both air and ground moisture and precipitation were ruled out as possible causes. Variations in the radio itself were ruled out through use of a second radio, a G.E. portable, which showed identical results as far as could be determined with its similar, but not quite as easily readable, logging scale. Outdoor and radio shack temperatures also were ruled out, and so was the use or non-use of an external antenna, and either A.C. or battery operation.

Right after Christmas the author "stuck his neck out" to eight persons, one a radio amateur, another a lifelong radio repairman and amateur, and the others close acquaintances. The theory that I advanced was that earthquake fault stress had to be the cause of the phenomena. Naturally it met with

great skepticism - and perhaps some doubts about my sanity. On December 29th all of that changed due to a 3.5 tremor centered 60 to 70 miles south on the New Madrid Fault. 15

No deviations could be found remaining on December 30th. However on December 31st much lesser ones began to appear again. So investigation of this phenomena began in earnest, although in a rather fumbling "gallop off in all directions at once" sort of way - since nothing whatever was known on anything like this.

One promising avenue of investigation was suggested by a member of the National Radio Club, electrical ground currents. So a 365 foot wire and ground rod was installed and careful measurements periodically taken. The results were negative, but helped later in disproving a theory developed at M.I.T. which was at first considered the probable cause.

Even moon and tide cycles were studied. A very sophisticated magnetometer was borrowed, installed and studied for over a month. Eventually an attempt was made to use the radio receiver's tuning knob shaft to drive a one-meter-long-dial's pointer to try to get accurate tenth of a kilohertz readings. The latter failed due to dial cable stretch, even when a guitar string was used.

A magnetic compass about 40 inches long was made with a piece of three-eighths inch iron pipe and a very strong speaker magnet. It was suspended from the ceiling and completely shielded from drafts. Contacts and contact strips recorded both vertical and horizontal deviations on a double track millivolt recorder. It did record as high as a 4 degree horizontal deviation and 1 1/2 degree vertical deviation while in use. These at times seemed to correlate with frequency deviations. However, after about three months it was discarded as being more confusing than useful, even though extremely interesting.

Monitoring and recording of apparent frequency deviations on a continual, several times a day, basis yielded some very interesting results. Foremost was the fact that different frequencies were being affected in different ways (i.e., some drifting higher and some drifting lower in frequency - and some doing some of both) and in differing amounts.

This was overly illustrated in a one time only occurrence with the "over-reacting" crystal set when two stations 20 khz. apart were tunable, and while being tuned, the one to the left on the dial "flipped" across to the right of the one that had been on the right - which stayed where it had been! Most deviations certainly do not occur so quickly, but since no means has yet been found for constant monitoring and recording, the median time of change is not known. Many have been found to occur within one hour, and several times deviations have occurred while actually trying to tune a signal.

A second result is that there seems to be no one ideal average frequency for monitoring, although some frequencies are far less affected than others. It was hoped that a single one could be found that would be typical of all, and that all effort could then be concentrated there. Averages of a dozen frequencies were figured and it was found that three or four would normally run closest to that average, but there were striking exceptions which very obviously cannot be ignored.

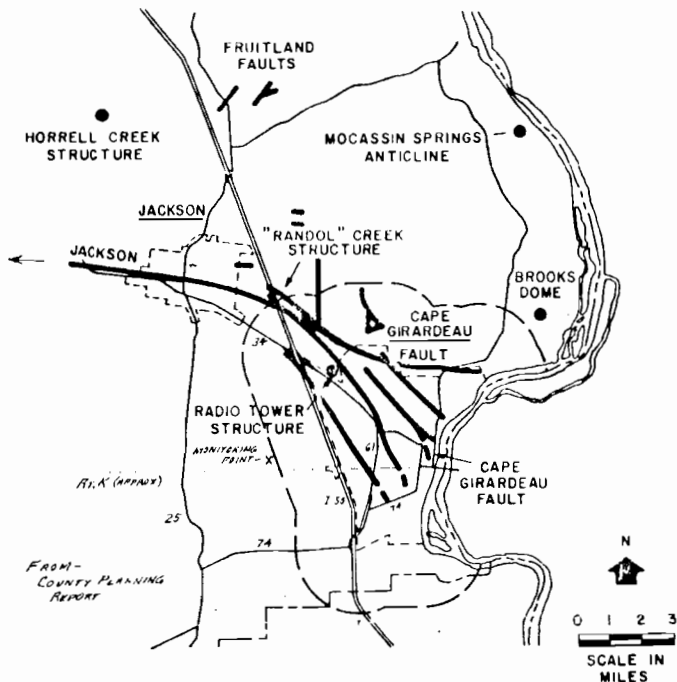
A third result is that it was found that frequencies below 550 khz. do not show observable deviations. It was suggested by a radio engineer who installs broadcast transmitters that deviations should seem greater at the lower frequencies. It is probable that the much, much lower power used (usually 20 to 100 watts) on those frequencies account for this.

Four tremors of 3.0 to 3.5 southward 60 to 90 miles on the New Madrid Fault, and one about 150 miles eastward on the Wabash Fault, beginning on December 29th through August, 1987, provided considerable opportunity to observe a cause and effect relationship between apparent frequency deviations and quakes.

And many, many times deviations would gradually increase and then subside with no apparent effect. However, any tremor below 3.0 is neither noticed nor newsworthy, so some lesser ones may possibly have occurred. But more on this up and then down effect later in this report.

In one instance when both frequency and magnetic compass deviations were

FAULTED AREAS AND STRUCTURAL FEATURES

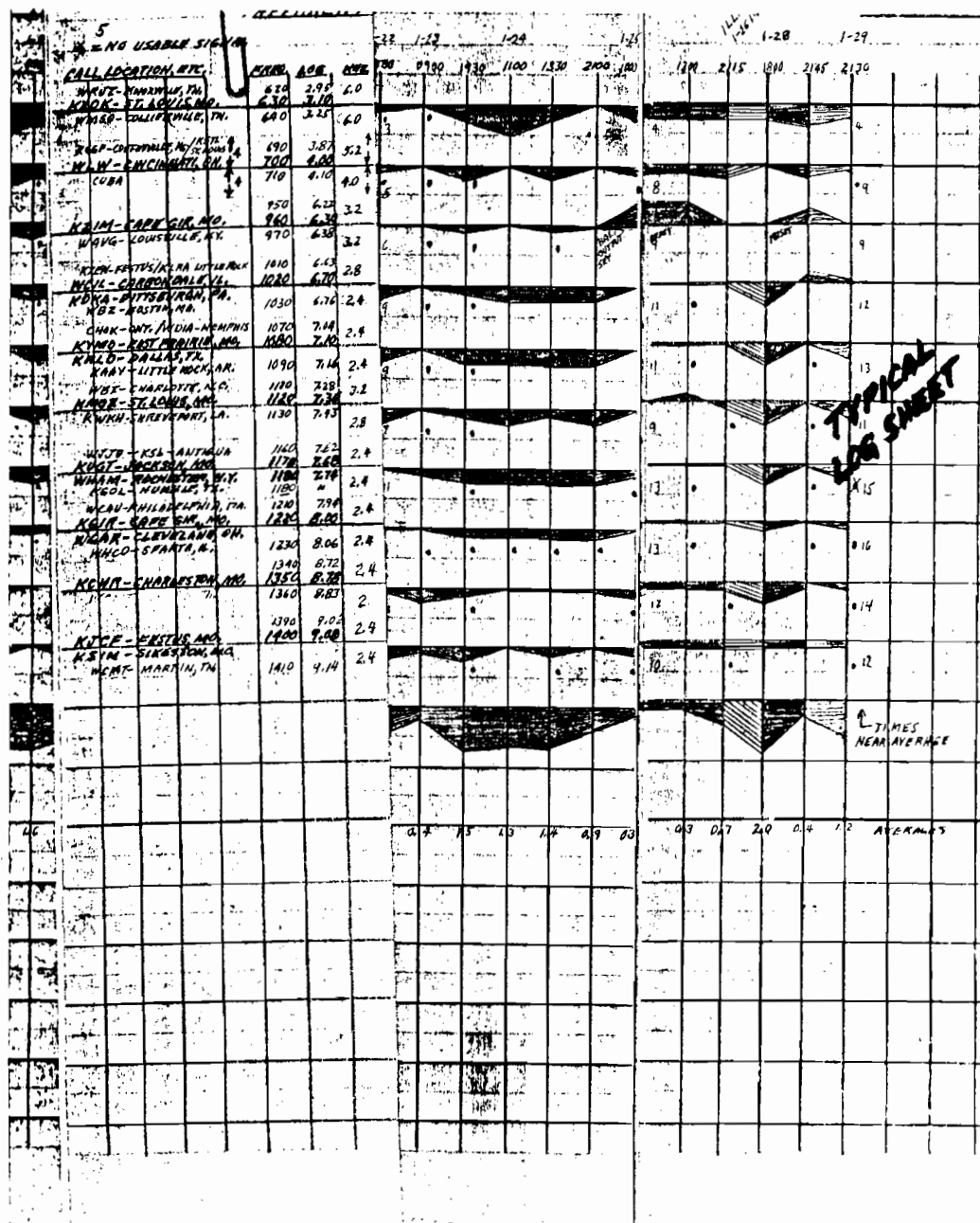


——— CAPE GIRARDEAU TWO-MILE EXTRA-TERRITORIAL LIMITS
 - - - - - CITY LIMITS
 ——— GENERAL LOCATION OF KNOWN FAULT

SOURCES: GEALY, J.R., 1955, GEOLOGY OF CAPE GIRARDEAU AND JONESBORO QUADRANGLES, SOUTHEASTERN MISSOURI;
 IRA SATTERFIELD, MO. GEOL. SURVEY, PERSONAL COMMUNICATIONS
 MCCrackEN, M.H., 1971, STRUCTURAL FEATURES OF MISSOURI; MO. GEOL. SURVEY, REPT. INV. NO. 49.

Another interesting experiment was to hold a very strong magnet close to the receiver at various points around it to see if deviations could be caused. At some locations signals were virtually nulled out completely, but no deviations of any kind or size could be caused.

Loggings taken on the G.E. portable and on the Radio Shack TRF 12-656 at the same time, while together and on the phone and four miles apart, were often in agreement and often in disagreement, but most of the time both showed deviations on the same frequencies - although sometimes on one frequency one would show a deviation and the other would not. However, with both radios at the same location both would show almost identical deviations.



being recorded, a severe quake in Chile resulted in an immediate drop here in both deviations. It seemed that the shock wave released local stress. Timing on this was checked locally at the seismograph at Southeastern Missouri University.

This seismograph is not usually readily accessible to correlate data due to my own working hours and to necessary University security concerns. Lengthy and detailed reports on every tremor registered by all seismographs are available from the government - I have one on hand - but are six months to a year behind, and absolutely useless for current correlation.

An interesting experiment was to take the G.E. portable radio thirty miles west and check deviations for a comparison with deviations at the usual monitoring point. (The Radio Shack TRF 12-656 is glued in place as a precaution, although movement or rotation of it has not been found to cause deviations.) Results were a surprise - approximately the same. However, two months later a map of small local faults was found and it was discovered that the largest local one runs out west an undetermined distance! And probably approximately under the highway taken out west!

18 Early in May, 1987, in a purely chance meeting with the owner-manager of one of the local stations that had shown deviations prior to the December tremor, I explained to him the phenomena that I had discovered. He then told me that an F.C.C. mobile crew had been in town in December and had contacted him saying that his station was "way off of frequency". The owner checked and it wasn't, so he did nothing. A follow-up F.C.C. check and written report (not from a mobile crew in town - and still in his files when I spoke with him) stated that the station was on frequency. Evidently the local crew with a local receiver was getting apparent frequency deviations, too, with presumably state of the art equipment.

In efforts to develop a means of automatic monitoring which could be recorded on an available double track millivolt chart recorder - but with very limited funds and electronic skills - several approaches were tried.

First were various frequency to voltage circuits. Most worked well only on square wave inputs and could not be adapted within my range of skill. Others required too high an input level. None produced a steady, level output suitable for driving a meter.

Second, a pair of oscillators was tried, one tuned slightly off on each side of a local signal. When a frequency deviation occurred, and they would after varying periods of time - sometimes days, it was instantly and plainly audible. But again was not adaptable in any known way to drive a meter and I could not be there twenty four hours a day to make a record.

Third, and best, was balancing the output of two identical radios tuned slightly to each side of a signal through a center tapped transformer, and driving a single meter. With the volume controls and tuning properly and carefully adjusted, the result was virtually no output signal. With a deviation this was thrown out of balance and the meter would fluctuate wildly along with the modulation - which made a line recording impossible. In addition, with the radios in balance and the signal nulled, "untunable" (and therefor "un-nullable") lightning static from a hundred miles away made the meter unusable.

Early in the investigation of this phenomena it was thought that the dilatancy theory discovered at M.I.T. some years ago was the probable cause. This involves the microscopic fracturing of rock under pressure, the filling of these cracks with water, and thus higher electrical conductivity of the rock. The 365 foot wire and ground rod investigated this possibility.

However, a theory advanced by the radio engineer, previously mentioned, who installs transmitters, seems much more likely to be the actual cause. His theory is that quartz under pressure vibrates electrically and can then transmit radio waves.

Quartz crystals are in very common use in the radio field and in many other fields. Quartz igniters on stoves, furnaces, bar-b-ques and other gas appliances are a good example. When the quartz is struck a light blow, it emits a strong spark.

The engineer theorizes that radio frequency signals emitted by quartz are mixing with man made radio frequency signals and the resulting mix, as in a receivers mixer circuit, is the apparent deviation received. In such case, different stratas or "lumps" of quartz are emitting different frequencies - due to differences in size and in pressure at different locations - which is why one frequency has different deviation from another.

Quartz is extremely abundant in Southeast Missouri, but is also usually plentiful in most places. There have been occasional complaints by D-Xers about the inaccuracies of digital readout receivers. In my opinion the engineers will never be able to cure this problem because the cause is not within the receiver in all probability. If the apparent deviations vary from time to time and from frequency to frequency, and sometimes do not exist, it most probably is not the receiver.

Almost all radios built today with standard dials cannot in any way be useful for accurate logging of any kind without modification of the dial - which usually is not too difficult to do. Most people using AM radios simply readjust the dial if it seems off frequency. Locally, some owners of clock radios set to an AM station have said that occasionally the dial has to be readjusted for no known reason.

19 After fifteen months of observations, record keeping, and experimenting, there seem to be several very definite conclusions and two probable theories. One theory may seem pretty far fetched, but so did this whole subject of apparent tuning frequency deviations to begin with - as I said, I think some had some doubts about my sanity for a very short while!

Conclusion One - Apparent tuning frequency deviations on the AM broadcast band are a well proven and now well documented fact, and in this area at least, are almost always existent on one or two of about twelve most usually monitored frequencies, are frequently on many, and usually range between one and three kilohertz - most often up-frequency. Prior to a tremor, 10 khz. is frequent.

Conclusion Two - Similar deviations, though not as great, can be found in areas not located on or near known active fault areas, provided one is looking for them with an accurate dial and keeps a record of previous log readings.

Conclusion Three - They often increase to lesser degrees than found before a tremor locally, and then decrease, usually suddenly.

Conclusion Four - They increase very markedly before all local tremors and decrease or vanish immediately after such a tremor.

Conclusion Five - Sometimes following an increase and decrease without a local tremor ensuing, in about 1.4 days a tremor can occur, as one did, in Oklahoma (very rare there) - or in 6.36 days can occur in California or on the west continental coastline, as four have.

Theory One - Pressure on rock and the quartz deposits in the rock generate a signal mixing with broadcast band radio frequency signals forming a mix which is received as an apparent tuning deviation.

Theory Two - The well known westward drift of the North American continent is widely assumed to be caused by a very slow flow of the soft, pliable plastic-like upper mantle beneath the crust, upward in the Atlantic Ocean area, then westward, and then downward in the Pacific Ocean area. This material sometimes breaks through as volcanic lava. The earth's crust is probably rough on the bottom just as it is on the top. Harder, denser portions of the mantle, moving westward in relation to the crust, push against "bumps" and rough spots on the bottom of the crust and cause the westward movement of the continent. If the very upper portion of the mantle is more toward a semi-liquid state than usually assumed and there is more of an actual flowing of this material, then the denser portions pushing against crust rough spots would create pressure moving from one spot to another westward.

WISLONGBW
KENWOOD R-2000 / LOOP ANTENNA

APPARENT TUNING FREQUENCY DEVIATIONS

FREQUENCY 1120 KHz

DATE	TIME (CENTRAL STAND. TIME)	STATION LOGGED	STATION LOCATION	APPARENT TUNING FREQUENCY, KHz	DEVIATION KHz
14 FEB 88	1900 HR'S	KMOX	ST. LOUIS, MO	1120.3	+0.3
15 FEB 88	1900	KMOX	" "	1120.1	+0.1
16 FEB 88	1900	KMOX	" "	1119.2	-0.8
17 FEB 88	1900	KMOX	" "	1120.0	0.0
18 FEB 88	1900	KMOX	" "	1119.9	-0.1
19 FEB 88	1900	KMOX	" "	1119.8	-0.2
20 FEB 88	1900	KMOX	" "	1119.7	-0.3
21 FEB 88	1900	KMOX	" "	1120.1	+0.1
22 FEB 88	1900	KMOX	" "	1119.7	-0.3
23 FEB 88	1900	KMOX	" "	1120.0	0.0
24 FEB 88	1900	KMOX	" "	1119.4	-0.6
25 FEB 88	1900	-	-	NO READABLE SIGNAL ON	

FCC NEWS RELEASE

The Official Word from the FCC

John D. Bowker

Report No. DC-1128 ACTION IN DOCKET CASE March 16, 1988

LICENSE OF WGRI (AM), GRIFFIN, GA. REVOKED
(MM DOCKET 87-131)

The Commission has revoked the license of WGRI Radio Incorporated, for AM station WGRI, Griffin, GA.

The station has been off the air since 1985.

On September 10, 1987, the Commission ordered WGRI to show cause why its license should not be revoked for failing to notify the Commission that it was not operating.

WGRI failed to respond to the order to show cause and, therefore, waived its right to a hearing. Accordingly, on November 18, 1987, the Chief Administrative Law Judge terminated this proceeding and certified it to the Commission for disposition.

The revocation is based upon the following uncontested facts. On January 23, 1985, the General Manager of WGRI advised the Commission that on January 13, 1985, a fire had caused the station to cease operation temporarily. The licensee said it expected to be back on the air by February 10, 1985. This was the last correspondence received by the Commission from the licensee. In June 1987, monitoring by the Field Operations Bureau confirmed that the station had not returned to operation. The station has neither requested Commission permission to discontinue operation temporarily or permanently nor turned in its license.

The revocation is effective immediately.

Action by the Commission March 11, 1988, by Order (FCC 88-104).
Commissioners Patrick (Chairman), Quello and Dennis.

Fulton Radio Station To Reopen

By CECILIA PAIZ
Staff Writer

FULTON — WOSC-AM radio will soon crackle to life under new ownership and call letters after nearly a year's silence.

The station's license and property have been purchased by Westport resident Peter Hunn, who hopes to bring Fulton's only radio station back to the airwaves by the end of next month.

WOSC closed down last April when its owner and operator, Crystal Radio Inc. of Washington, D.C., filed bankruptcy under Chapter 11.

The Federal Communications Commission took away the station's call letters, WOSC, around the beginning of the year and was planning to cancel the 1300 AM station's daytime license unless someone took over the facility before the end of March.

"We got it just in time," Hunn said Wednesday, hours after closing the deal. He has renamed the station WZZZ.

"The station was a week away from blowing away in the wind," Hunn said. He noted that if the license had lapsed, he would not have been able to get a new one because the FCC decided in December 1986 to discontinue accepting applications for daytime stations.

"I'm hoping to be on the air by the end of next month or by the beginning of May," Hunn said. He added that the 1,000-watt station will broadcast "middle-of-the-road music. Nothing too heavy or too much like elevator music."

WZZZ will not be competing with the Syracuse radio stations like WOSC tried to do, according to Hunn.

"What this station is designed to be is a generic hometown station," he said. "Crystal Radio had a desire to be more cosmopolitan. They weren't too interested in Fulton and let the service aspects of it slip."

Hunn, however, would like WZZZ to be known as "a hometown friend" and said he will focus on the Fulton school district.

"I think usually the schools are a linchpin for the community," Hunn said. "That's my focus at this point."

Although WZZZ is a daytime station that is licensed to broadcast from 6 a.m. to 6 p.m., Hunn has obtained a 50-watt nighttime license. He will use it to broadcast local school athletic events that are of interest to the public.

A Lot Of Work

Hunn first toured the Fulton radio station late last year when a friend told him it was in deplorable shape. The friend had not exaggerated.

"It was a mess," Hunn said. "There were papers all over the place. Most of the windows are broken. The only piece of equipment there was the original 1949 General Electric transmitter."

One of the newer features of the building was the door, Hunn remembers. "While I was in there, a guy pulled up to the station in a van. He walks in and says he's taking his door. 'By the way,' he says, 'the guy who owns the furnace (which was relatively new) is taking that back too,'" Hunn recalled.

He said he called the owners of the building and managed to negotiate to save

the furnace, but will have to spend a lot of time in the Fulton station getting it ready before it goes back on the air.

"I'm probably going to strip it down to the cinderblocks and go from there," he said.

WZZZ will not be the first station Hunn has owned. In 1982, he bought and operated WHRC-FM in Port Henry.

"I ran it pretty much by myself," Hunn said. "It was three-and-a-half years of sheer fatigue."

He sold the station and went back to school to earn his master's degree in mass communications but missed the radio business.

"I started looking for another station," Hunn said. "I almost gave up. I couldn't find one to work until someone told me the Fulton station was in bad shape. I looked at it and felt it needed a friend."

OSWEGO PALLADIUM TIMES
3-24-88
Don Voorhies

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A6 (9)	R6 (4)	D6 (3)		P21 (1)
A7 (3)	R7 (6)	D7 (17)		P22 (2)
A8 (3)	R8 (4)	D8 (5)	M1 (1)	P23 (11)
A9 (3)	R9 (7)	D9 (2)	M2 (1)	P24 (33)
A10 (2)	R10 (1)	D10 (4)	M3 (9)	P25 (3)
A11 (14)	R11 (3)	D11 (15)	M4 (2)	P26 (3)
A12 (4)	R12 (8)	D12 (6)	M5 (3)	P27 (3)
A13 (3)	R13 (2)	D13 (4)	M6 (2)	P28 (3)
A14 (1)	R14 (3)	D14 (13)	M7 (35)	P29 (12)
A15 (4)	R15 (32)	D15 (2)	M8 (5)	P30 (8)
A16 (2)	R16 (25)	D16 (7)	M9 (1)	P31 (12)
A17 (3)	R17 (8)	D17 (3)	M10 (3)	
A18 (7)	R18 (5)	D18 (1)	M11 (3)	
A19 (7)	R19 (2)	D19 (3)	M12 (5)	
A20 (10)	R20 (13)	D20 (4)	M13 (4)	
A21 (9)	R21 (6)		M14 (5)	RR1 (2)
A22 (9)	R22 (2)		M17 (5)	RR2 (3)
A23 (10)	R23 (1)	F1 (9)	M18 (3)	RR3 (2)
A24 (14)	R24 (2)	F2 (2)	M19 (1)	RR4 (2)
A25 (4)	R25 (6)	F3 (2)		RR5 (2)
A26 (13)	R26 (1)	F4 (4)		RR6 (4)
A27 (10)	R27 (4)	F5 (5)		RR7 (4)
A28 (26)	R28 (7)	F6 (4)	P1 (29)	RR8 (3)
A29 (7)	R29 (7)	F7 (5)	P2 (2)	RR9 (11)
A30 (11)	R30 (2)	F8 (2)	P3 (2)	RR10 (4)
A31 (4)	R31 (4)	F9 (2)	P4 (3)	RR11 (2)
A32 (7)	R32 (4)	F10 (3)	P5 (7)	RR12 (3)
A33 (4)	R33 (3)	F11 (6)	P6 (5)	RR13 (3)
A34 (3)	R34 (4)	E12 (2)	P7 (3)	RR14 (7)
A35 (3)	R35 (2)	F13 (10)	P8 (3)	RR15 (3)
A36 (3)	R36 (11)	F14 (6)	P9 (3)	RR16 (7)
A37 (9)	R37 (4)	F15 (4)	P10 (10)	RR18 (8)
A38 (5)	R38 (10)		P11 (16)	RR20 (1)
A39 (2)	R39 (1)		P12 (3)	
A40 (8)	R40 (2)		P13 (8)	
A41 (2)	R41 (3)		P14 (10)	
A42 (28)	R42 (15)		P15 (9)	PS1 (1)
A43 (10)	R43 (9)			
A44 (21)	R44 (1)			
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