

# DX News

•Serving DXers since 1933•

Volume 61, No. 7 - November 15, 1993 (ISSN 0737-1659)



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### CPC Test Calendar

Call	Freq.	Date	EST Time
KJAL	610	Nov. 15, 1993	0100-0130
WXYT	1270	Nov. 15, 1993	0130-0200
KILT	1560	Nov. 20, 1993	0100-0200
KWSU	1250	Nov. 20, 1993	0300-0400
KROE	740	Nov. 21, 1993	0100-0200
WILY	1210	Nov. 21, 1993	0230-0300
KCCS	1220	Nov. 22, 1993	0330-0900
WJPF	1500	Nov. 22, 1993	0530-0600
WGEA	1150	Dec. 5, 1993	0230-0300
KXXY	1340	Dec. 5, 1993	0100-0130
WJMR	1440	Dec. 6, 1993	0000-0400
CKX	1150	Dec. 6, 1993	0300-0330
WJSM	1110	Dec. 11, 1993	0000-0100
WNZ	910	Dec. 13, 1993	0100-0130
WJMS	1480	Dec. 20, 1993	0100-0200
KWNC	1370	Dec. 20, 1993	0300-0330
KVON	1440	Dec. 27, 1993	0300-0330
WOC	1420	Jan. 17, 1994	0130-0230

**WILY-1210** - P.O. Box 528 - Centralia, IL 62801 will conduct a DX test between 2:30 and 3:00 am EST Sunday, November 21. The test will consist of Beates music, C/D's, and V/D's. Send reception reports to Mr. Eric C. Decker. Arranged by the National Radio Club CPC.

**KCCS-1220** - 4303 Market St. NE - Salem, OR 97301 will conduct a DX test between 3:00 and 9:00 am EST Monday, November 22. The test will consist of their regular Christian music format with Morse code ID's. Reception reports may be sent to Mr. Dan Sheets. Arranged by the National Radio Club CPC.

**WJPF-1500** - 90 Kay Avenue - Milford, CT 06460 will conduct a DX test between 5:30 and 6:00 am EST Monday, November 22. The test will include Morse code, tones, and religious music. Reception reports may be sent to Mr. William Barnett, N1NKA, Chief Engineer. Arranged by J. D. Stephens for the IRCA

### CPC

*From the Publisher ...* Members who enjoy technical projects will enjoy Mark Connelly's articles, not to mention his extensive bandscan, in this issue. Conditions seem to be better early this year than for many years, and if you haven't started your DX season yet, why not reach over and switch on the radio and join the dozens of other DXers who've reported in this issue! And thanks to David Lewis of KC who dropped by Sunday afternoon, November 7, to give me moral support while I laid this issue out. Finally, don't forget Ray Arruda's and John Tudenham's DX GTC's on the weekend of November 20; check previous DXN's for details.

*Welcome to these new members ...* Kevin Bropoks WA0WFB, San Francisco, CA; Kevin Guernier, Hamden, CT; Terry Koch, Glenpool, OK; Edward W. Lewis, Jr., San Pablo, CA; Dave Onley, Victoria, Australia; Alan T. Biddle, Franklin, TN; Jim Clary, W9RHH (repeats), Jackson, NJ; Jim Gilinsky, Peoria, IL; and Jerry Sanderson N3JGN.

Finally, in an IDXA update, Frank Wheeler, Erie, PA notes: "Noticed Holland started the same year I did, in 1931, 62 years of BCB DX'ing. We started, when we were 16 I was 80 years old Mar. 9, 1993, and married 52 years May 14, 1993, to the same wife, and only one, hi!" Many more years of fun to you, Frank!

### DX Time Machine

From the pages of DX News:

50 years ago ... from the Nov. 13, 1943 DXN: Dick Cooper, Kitanaling, PA reported that ZNS, Nassau, had been completely covering WHKC-640 in the early evening. He also heard a Mexican station signing off nightly at 12:05 am; the call was XE1M, but the location was unknown.

25 years ago ... from the November 16, 1964 DXN: Len Kruse arranged DX tests from W3AM-1370, Cadillac, MI; K0NW-1300, Tulsa, OK; and WPHM-1380, Port Huron, MI.

10 years ago ... from the November 14, 1983 DXN: The FCC voted to allow dual-city ID's as long as the city of license was given first.

# witch

**Jerry Starr**  
c/o WHOT Radio  
4040 Simon Road  
Youngstown, OH 44512-1320  
as in AM stations, supplied by the FCC and Hislers

## CHANGES

### New call:

CA	Indio	KRRO
CO	Colorado Springs	KTWK
IL	Chicago	MMVP
KY	Louisville	WDJX
CA	San Jose	KKSJ
TX	Rollingwood	KJCE
TX	Beaumont	KZXT
CA	Indio	KBZT
VA	Herridon	WASE
PA	Annville-Cleona	WWSM*
TN	Nashville	MMRO

a silent station, new call may signal its return.



## GRANTS FOR NEW STATIONS

### FROM EXISTING FACILITY

**VA Beckley:** reduce powers to 4500/470 watts

### TING FACILITY

**A Tazewell:** relocate transmitter site

**IL Zeeland:** silent station is ready to return to the air with CSN children's programming  
**N Lebanon:** silent station is ON THE AIR, they relayed WAMB-1160 for a few weeks but now relays

## Domestic DX Digest

**West: Bill Hale**

495 Creekview Drive · Meridian, ID 83642-3241

**East: Dave Braun**

11 Mill Bend Acres · Wyoming, DE 19934-9523

(This issue is between East and Central time zones)

**DX Catches in the U. S. and Canada, with 24-hr.**

DDXD-W

WANN, Inc. • P.O. Box 10174 • Tallahassee, FL 32309

**CNRADIO**  
1070AM

MEDIUM WAVE RAMBLANCES



- Good to hear from John Wilkins out of Wheat Ridge, Colorado after many months. He appears frequently in the Grayward listings, and promises to report often on DDXD-W. Also, a big DDDXD-W WEBCOME goes out to Bob Karnerhalski from Sunnyvale, California and John Tudenham who DXes from Joplin, Missouri. Contributions appear here this week. Good to hear from all of youse guys!
- Speaking of the Grayward Logs, now that we've opened things up to reflect two holders where the most distant is not from North America, I expect to hear from DXers. Just go over old issues of DX News, or wait for the listings to appear Year, and if you think your Grayward logging may claim the NA record, send me to figure the mileage, as my trusty computer does that. However, if you intend to beaten path... somewhere that I can't find on a map... let me know exactly your burg.
- Mike Hawk of Omaha clarifies what may be a big ? in your Log concerning the KOIL/KKAR CL switch. The official swap was about 8/15. While IDing as A was still KOIL. Now they are KKAR and Newark 1290.

## UNIDs and UNID HELP

- 10/15 2158 - Someone here with Detroit Red Wings HKY. My red Wings radio list for '92 does not show an affiliate on 1440. (RD-1A)  
 - 10/15 2201 - Fair with high school football. One of the teams is Oak Grove. Rand-McNally doesn't help me out here. Maybe someone all there can. (RD-1A) [They do list Oak Groves in AL, GA, IL, KY, LA, OK and OR and a couple are reasonably close to cities with 1440s - Ed.]  
 - 10/15 2202 - Two stations, one in BE and the other in SS. A Capitolia - 10/26 0200 - Heard *The Underground, KMBY/1540* but the BE had modern rock and ID heard *The Underground, KMBY/1540* but never gave a city. Also promoted their coverage of next San Jose Sharks game. Looks like KLAV has changed calls. Poor. (RK-CA)

## DX AND EQUIPMENT TESTS

Jackson - 10/24 - Not heard. Just XEWA/CBK/WSTH. (BB-MO)  
 Lagrange - 10/17 0000-0030 - Tried for, but only heard a mush of SUN, WTNJ and various others. (RD-1A)  
 York - 10/23 0100 - Heard with very slow CIDs (less than 5 wpm): WYLS - *face-in York, Alabama test test...* (MH-NE)  
 York - 10/23 0100-0130 - Not heard. (MS-CA)  
 Miles City - 10/25 0330-0400 - Heard with crisp signal thru KKO8 Mexican. CIDs and VIDs + music. (MS-CA)  
 Miles City - 10/25 0329 - Good-to-fair in WABC null with KATZ radio ID, mention of ET and high power operation, AC music, gave MDT local weather conditions and legal ID at 0331. CIDs: Columbia in later with UC. (BB-MO)

Miles City - 10/25 0330-0400 - Woke up to a loud and clear CID. Signal was fluttery on longwire and perfect on SM-1... both S9+10. Lots of CCA test mentions... lost in shuffle after power cut. First Montanan... (RS-MO)  
 Columbus - 10/12 0200-0300 - Didn't hear a trace. Thought this one would rule the channel. (RD-1A)  
 WY - 10/11 0007-0027 - Fair with CIDs and one VID noted. Nice take back on 10/23. (RD-1A)  
 CA - 10/25 0146-0159 - Weak with some CIDs noted during Cambridge - 1st new station from MA in some time. (RD-1A)

680 KNBR  
 700 WLW  
 800 KSSS  
 830 CKKYT  
 880 WINU  
 920 WRBA  
 960 CPAC  
 990 KATD  
 KATD  
 KWAM  
 1090 CKRX  
 1210 KONY  
 1240 KICD  
 1340 KDBN

CA San Francisco - 10/25 0405 - Good over others with spot KNBR 68 - *The Sports Leader* ID, ad for boxing video and into Talk. (BB-MO)  
 OH Cincinnati - 10/25 0449 - Faded up over KOKB with rock and ID: *The Big One - 700 WLW*. C&W music by female. Nabbed weather at 0455 followed by station promo. (MS-CA)  
 UT Brigham City - 10/21 0525 - Good with weather and ID: KSSS 800 into older instrumental. (MS-CA)  
 AB Wainwright - 10/23 0104 - Ad mentioning *Just a short r. r. Edmonton*. Don't who else it could be. Equal with WCCO. (M)  
 IL Highland - 10/15 0718 - Barely over QRM with local ad program. Heard later with legal ID at 0759. New for IL #22. F was off at the time. (JW-CO)  
 IN West Lafayette - 10/9 0705 - Over/under probable WMD *Monitor Radio News*, then ID and weather for West Lafayette. (M)  
 AB Calgary - 10/4 0650 - Loud in KOOL null (KOVO off). *Calgary's own country, CFAC*. Ad for a Patsy Cline Home Video music, satellite forecast. (MS-CA) [What's a "satellite forecast" of when they will pass over top? - hi - Ed.]  
 CA Pittsburg - 10/11 0400 - With IDs as *Country Costa Costa*. Soft rock hits by Peter Cetera and Todd Rundgren. Announces Michaels gave sports scores at 0438. Request line is 510-674-0999.  
 CA Pittsburg - 10/15 0105 - *The new 990 KATD* heard in K AOR-type music. Ex: KKIS. (JW-CO)  
 TN Memphis - 10/25 0528-0531 - With offer for... *free, free (?) program with no caffeine, no chemicals, no preservatives (see 320-7839)*. Local DJ: *When you call, mention you heard it right!* K/WAM. Strong signal for 450 watts. No power-down at LSS?  
 AB Lechbridge - 10/17 0139 - *The money is in the music* call ID. Fair under local KYBG, which was about 90% nullified. (JW-CO)  
 UT Washington - 10/26 0654 - Fair with two IDs within a ft C&W. Under KEBR. 1st-time heard. (JW-OR)  
 IA Spencer - 10/11 0106 - With area weather. AM/FM sign Poor in QRM. (JW-CO)  
 CO Denver - 10/24 0115 - Thought I heard an ID several times local ad confirmed my suspicion. (MH-NE)



## DDXD-East

### NEWS AND VIEWS

this week! Perhaps everyone was excited to contribute after catching the KATL-770 South and DDXD-North gangs as they join the newly aligned DDXD-East. D help from Edward Soule of Florence, AL and Doug Smith of Nashville, TN. I, it doesn't compute to me either! The only 1410 anywhere around here is (WENI-KY, and no station (AM or FM) in the Nashville area carries BRN. With the still good (though they've been off for two years) a 1410 in the immediate area request this time, I will publish full addresses of any contributor who requests it. That request each time you submit loggings, as I will not be able to remember your 1200 on last Sunday night, the note regarding a LSS Sunday sign-off in the log entry about some recent mail problems leading to a DDX for which I had done a returned to me almost a week after mailing! I and the post office seem to have Should all be past us now, and with the great conditions everyone is experiencing, fall!

### SPECIAL

**Orangeburg - 10/1 2013-2210** - Very good at times under/over mess topping BAG with local high school football game, ads, "News Talk Radio 1290 WJZS" First time heard, called station and they were elated to reach so far north! Most on day power, no sign following 2 weeks! New - report sent! Address: 178 Middleton Street, 29115 and w/s Jay Michaels, PD. Also carries UPI news and wants move to 1750 kHz! (JM-PA) (Address different than in *AM Log*. 1750? - db)

**Newburgh - 10/22 1905 - Ex-1220** now on 1200. (ESS-ND)  
**Shamokin - 10/25 0300** - With UPI news, "For information on delays and (Back on the air, *AM Log* shows them as silent - db)  
**Crawfordsville - 10/15 1325** - ID into CW music. First timer: (MB-JN) (*AM*

*g* shows them as AC - db)  
**Travelers Rest - 10/16 and 10/19 1855-1930** - Good over mess with CNN news

"News Talk serving the Greenville area". Sign-off at 1930, 10/20 1855-1928 -

WYLS

AL York - 10/23 0100-0130 - Easily topped WMAQ/Cuba with voice and extended code ID periods. (SF-TN)

WYLS

AL York - 10/23 0100-0130 - In good on my Walkman with code, tones and some voice for AL #3 in VA. Just missed end of code at 01:00 heard "Good evening everyone, WYLS is" <fade> . At 01:10 heard repeated around 10 times in Morse code. (JK-VA)

WYLS

AL York - 10/23 0100-0130 - Slow code IDs at 0103, 0109, 0119 and used a tone that was at a lower pitch than the standard 1 kHz. This IDs much easier to hear under a dominating WMAQ. (JL-OH)

WYLS

AL York - 10/23 0000-0030 - Fair, at times good, in WMAQ null, but from Cuba. Code IDs, voice IDs, polkas, address and phone number report sent! (JM-PA)

760 KRZN

CO Thornton - 10/4 - Not tried, notified too late. (RA-MA)

770 KATL

MT Miles City - 10/25 0330-0353 - Poor but audible under WABC w voice ID at 03:49½ and three 90 second periods of code IDs at 0331-4 0343½, and 0350-0351½. Nothing heard after 0353. MT #2 and be this season! (RA-MA)

KATL

MT Miles City - 10/25 0331-0352 - Heard with very weak code ID: 0331:18, 0342:06 and 0349:58. The last two were 1:17 in duration, in at 0332:25 to a striking *Liza Minnelli* vocal on a WABC promo. So even made it when the WABC caller would pause between words: "Y to KATL radio" at 0341:50 and "...for the International radio Club at 0351:26. They may have been the source of the records by *Jerryfefe*



POST OFFICE BOX 1120  
EDGEHURST OREGON 97140

KATL

*Turtles* and *Aaron Neville* noted before 0340. Only my third MT ever in 13 years! (SF-TN)

KATL

MT Miles City - 10/25 0330-0400 - Heard on scheduled test with code ID through WABC, suspected Cuban and UNID talk program. Poor signal enough for positive code ID. Taped report sent. (MH-NC)

MT Miles City - 10/25 0330-0400 - In fair-good on the Sony FD-55 0332:30, 0342 and 0349. Heard "KATL" and possibly "MILES (several times at each time noted in medium pitch Morse code. WABC to be running full 50 kw or was partially absorbed during auroral cut SS UNID QRM. Not bad for 10 kw. Thank you J.D. Stephens and it glad I stayed up for this one, new state and new "K" call in VA! (JR

MT Miles City - 10/25 0330-0400 - Code IDs at 0331, 0342 and 0353

KATL

WABC. (JL-OH)

TN Portland - 9/27 0000-0130 - Tentative with periods of TT and/or code IDs under WXYT. Code IDs possible at 0024, 0045 and 0100, but not sure if it was them. Nothing heard after 0130. (RA-MA)

KS Arkansas City - 10/11 0400-0500 - Zzzzz. (JK-VA)

MA Waltham - 10/25 0128-0155 - Weak signal even though 50 miles from here with what sounded like 400 Hz TT and IDs in voice, code and phonetic. Code IDs transmitted at 0133 1/4, 0146 and 0153. (RA-MA)

MA Waltham - 10/25 0130-0200 - Extremely faint 1 KHz TT, voice ID and code ID at 0145. Last 18 minutes alternated between code IDs and TT's at 400 Hz. Weak over/under UNID talker. (JL-OH)

MA Waltham - 10/25 0133-0200 - Maybe there with tones way under WWRV. (PRM-NJ)

MA Waltham - 10/25 0130-0200 - Tough with local WHAZ (fluctuating in and out with 49 wats) and WWRV, only heard 3 sets of code IDs. (AQ-NY)

MA Waltham - 10/25 - Periods of 800 Hz TT noted real weak in WWRV null. If on, KATL was better. (DS-DE)

MA Waltham - 10/25 0130-0200 - At first I reported this as unheard, but tape replay revealed frequent periods of a cheeping, on-and-off sound (sounding something like katydid) way under WFBG. Too slow and high-pitched to sound like the code IDs on other DX tests, but not sure what else it could be. I'm keeping the tape until I see what closer members report. (SF-TN)

MA Waltham - 10/25 0130-0200 - Possibly some TT way under WWRV, but nothing identifiable. (DB-DE)

MA Waltham - 10/25 0130-0200 - No sign, listened entire time listed, were they on? Only WFBG. (JM-PA)

MA Waltham - 10/25 0130-0200 - Dozed off, so missed test. Luckily I woke up in time for KATL! (JK-VA)

SC Lancaster - 10/18 0300-0330 - Mostly dominant, strongest at 0300, matches/voice IDs/code. Called in and acknowledged on air. (AQ-NY)

SC Lancaster - 10/18 0300-0330 - Unneeded, zzzzz. (JK-VA)

GA Columbus - 9/25 - Not heard at scheduled times. (RA-MA)

**UNID AND UNID HELP**

9/5 0228 - RE: JK-VA's UNID on 9/5: Probably is indeed Memphis. The FM station has moved to 94.1 and is using the slogan *Froggy*, with a country format. I

**0000 to 0800 EDT**

OH Cincinnati - 10/28 0516 - Weather given for many cities around then local ads and ID, then back to talk show, maybe *America in the* time heard since call change. (DB-DE)

IN Terre Haute - 10/20 0122 - Briefly good over WGST with Unistar "640 WBOV" drop-in after *Dean Martin* song. (SF-TN)

OK Tulsa - 10/25 0150 +- - In very strong at 0200 with "Listen to 740 your station for news, traffic, weather and fun". (JK-VA)

OK Tulsa - 10/25 0408 - "News Radio 740, KRMG." Way atop w news, ID, "Talk of Today". (DS-DE)

ON Timonons - 10/25 0422 - Good in WSB null with ID during CV in after KATL test, not in "Zland" yet! (JM-PA)

FL South Miami - 10/30 0619 - Heard weather forecast giving a hit 80's, nobody else in the country was supposed to be that warm that tramped by WTKW, no sign of usual WTPAR. (DB-DE)

ON Belleville - 10/17 0648 - Is IDling as "Today's hot new country CO Denver - 10/25 0119 +- - Becoming a regular here. Good with "1 Mile High City". At 0414 heard "Here's a caller from North Dakota you're on 85-KOA". At 0436 "Depend on News Radio 85 KOA, morning here in Denver, Colorado, open phones..." over WKIX/ Excellent conditions to the west! (JK-VA)

TX San Antonio - 10/24 0722 - Poor-fair. (HM-OH)

SC Spartanburg - 10/19 0530 - Call letters barely heard in KYIS/V positive ID heard. (MB-IN)

TN South Pittsburg - 10/2 and 10/9 0015-0124 - Excellent most likely with high school football game for local team *Marion County Warriors* IDs. "Country...your station for forty years, this is WFBG AM 91 SC. Better signal on 10/9, then gone at 0124. Most likely switched back Report sent! (JM-PA) (They were broadcasting a high school football. Maybe for the kids on their dates! - db)

VA Roanoke - 10/17 0750 - Female group singing ID "3WR" the voice IDs heard while trying to confirm new call (WRVH) of ex nothing heard from them. (RB-NC)

AR Little Rock - 10/17 0029 - In briefly with talk and "...here AR/Little Rock #2. A new "K" call here in VAI (JK-VA)

AR Little Rock - 10/17 0723 - "News Radio 920 KARN" then into s with "Clark" somebody. (RB-NC)

- 920 KARN
- KARN

- 550 WLWA
- 640 WBOV
- 740 KRMG
- KRMG
- 750 CKGB
- 790 WWRZ
- 800 CJQB
- 850 KOA
- 860 KONO
- 910 WORD
- WERG
- WWWB

CT Bloomfield - 10/25 0224-0230 - Strong but fadey with reggae tunes. DJ Gary U. S. Byron said he's on every Monday morning 0000-0600. \* All new 1550 AM WRDM. \* (PRM-NJ)  
ON Windsor - 10/17 0018 - In very loud, near local strength, which is very unusual for only 10 kw, with *The Blues Line*. (JK-VA)

### 0800 to 1600 ELT

MO St. Louis - 10/16 1200 - Legal ID "KSTL Saint Louis" into REL program. (MB-IN)

VA Blacksburg - 10/24 0802 - ID, poor. (HM-OH)

MO St. Louis - 10/16 1500 - Fair with ID into local ads and NOS music. (MB-IN)  
KY Henderson - 10/16 1530 - Fair to poor in WGNM null with ID into horse racing news. (MB-IN)

NC Washington - 10/21 1315 - RE: DX News of October 18 and your 930 WRRF and WDLX 93.3. Just checked and not simulcasting now. No idea if they simulcast Pms - too much QRM. However, as they're both owned by the same company, I suspect they were simulcasting for the hurricane. (MH-NC) (Thanks for the help, Mike - db)

IL Springfield - 10/16 1545 - Good to fair in WAVG null. ID into OLD music. (MB-IN)

### 1600 TO 2400 ELT

FL St. Petersburg - 10/23 2139 - In strong with "You're listening to Hurricanes football on 620 WSUN". (JK-VA)

MS Richland - 10/24 1927 - Fair in WGN null with black gospel music to live sign-off saying "...we broadcast with 5000 watts of power, which covers an 80-mile range, with an extended range of 130 miles to the northwest". Maybe D3 then, instead of the listed D1? MS #95. (SF-TN) (I can't find Richland on a map to see if it may just be geography - db)

PA Charlotte/Levon - 10/23 1807 - Good with *Jukebox Oldies* program. ID. (DS-DE)  
KY Madisonville - 10/18 2056 - CW, "America's Music Radio" ID, ad for gun safety, poor. (HM-OH)

NY Champlain - 10/23 1814 - Alone on frequency with gospel music, sign-off with man and woman alternating. (DS-DE)

MS Dartmouth - 10/23 1810 - Nicely stop with rock music. ID. (DS-DE)

CT Crystal Lake - 10/16 1900 - Good with ID into local news and weather. KOA normally dominant here. (MB-IN)

1170 KVOO

OK Tulsa - 10/23 2015+ - In local all evening and into the morning day pattern. The signal was almost as loud as WVVVA usually is, and it was beamed this way. S9+ way over the top of WVVVA, with the "KVOO Saturday Night Barn Dance", *Ken Weaver's* commercials for *Priority Motors*, *Turnpike Subaru*, *Wells Western* requests and "The Radio Ranch KVOO". WVVVA's *Lamboree* buried! (JK-VA)

WVVA

WV Wheeling - 10/12 2121-2150 - Off and on the air, SS UNN WVVVA also on very low power on 10/24. (JK-VA)

1190 WECC

GA St. Marys - 10/22 1900 - Religious talk to 1903, then excellent. (ES-NJ)

1230 WERI

RI Westerly - 9/30 1902 - Way atop with local news. ID. Also 10 Standards. (DS-DE)

1240 WCNC

NC Elizabeth City - 10/24 1805 - Local news, sung ID, wealth (GVH-VA)

1250 WARE

MA Ware - 10/23 1718 - Alone with oldies. ID. (DS-DE)

1260 WCEO

AL Birmingham - 10/20 1914 - Up just above mess with weather return to talk, then gone. Slight splash from WTAE-1250. (JM-GA)

WTJS

GA East Point - 10/20 1924 - ID up through mess then gone. 10/21 1260, promo and UC music, slight splash from WTAE-1250. (JM-MO)

KTTS

MO Springfield - 10/25 1938-1943 - Good over mess with promo CW music, then gone to directional pattern change. Slight splash (JM-PA)

WNXT

OH Portsmouth - 10/11 2132 - In good, usual WWDG missing CW and "You're listening to American Country Countdown on W (JK-VA)

WN00

TN Chattanooga - 10/20/21/22/25/27 1900-1915 - Almost autom 7 PM HDing "Chattanooga's Number One Adult Music Station", ( ads, one night female DJ, others male. Sign-off 1915 mention studio, transmitter, tower - 1108 King Street, office address as 5000 watts non-directional. (JM-PA)

1300 WKCY

VA Harrisonburg - 10/22 1835 - "Country KCY", ads, commun music, very good. (ES-NJ)

1360 WKMI

MI Kalamazoo - 10/17 1905 - ID, poor. WSAI nulled. (HM-OH)

1380 WSYB

VT Rutland - 10/23 1820 - Way atop with weather, oldies. (SS-CT)

1410 WPOP

CT Hartford - 10/24 1905 - Good after network news (ABC?)

IL Oxford - 10/15 2041 + - Excellent over/under CBI, almost clear channel. EZL music, many breaks mentioning "...your relaxing favorites... Calhoun County's good music station... your push button to happiness". Last heard one year ago, report sent! (M-PA)

ND Morningtide - 10/23 2021 - ID, poor. (HM-OH)

WJ Plainfield - 10/23 1630 - In a real stew of stations, this one bubbled up with the weather, a call ID, a jingle ID and local ads. Fade in and out with oldies songs. On pop at times with much QRM, but only 500 watts. (LK-ON)

WI Warwick - 10/21 1759 - Good over/under WERA with ID and talk. (PRM-NJ)

## OTHER STUFF

A? - 10/25 0415-0500 - TTS with woman announcer. Mention of "National Wildlife Refuge"; a phone number of 331-2267, called using area code of 804 but couldn't understand "ID" on answering machine! Hours are 9 AM to 5 PM, and after hours are announced, there is the sound of seagulls. A recheck at 0800 and signal was still fading in/out. Woman with ID that sounded like KIE651, into same announcement, and fade. QRM as noted below and Anguilla. Fair level at peaks. Ideas, and maybe an address? Also one mention of "...Fish and Wildlife Service". (MH-NC) (When went through the area last spring, KIE654 was the ID at the Chincoteague National Wildlife Reserve, everything else fits. By the way, it seems a lot of the east coast National Parks have IDs beginning with KIE.... - db)

WJ Plainfield - 10/25 0415-0500 - TTS heard mixing with KIE651 during brief periods of fade in. Male announcer with mention of fees of \$15 per day for camping, \$3.25 for arts, and \$1.00 for "walk-in". Park hours announced as "open daily 8 AM to 10:00 PM". Possible ID: "This is ??? Park ??? Information (Station?) WPAT. United States(?) Recreational Area." Poor level. (MH-NC)

WJ Plainfield - 10/25 0700-0705 - Noted briefly with fade up over KIE651 and WPAT with announcement by woman. Sounded like a possible weather report: "...cloudy with showers..." Anyone here relaying NOAA? Poor level, sunrise skip? (MH-NC)

WJ Plainfield - 10/25 0510-0520 - Not certain if this might be a TIS or what. Woman announcer noted with "Hello!" Male announcer noted later with possible "Welcome..." but not positive. Had noted UNID on/off this AM with bits of English audio seeming to loop RE/SW. Will keep checking. Anyone else hearing anything here? (MH-NC) (There have been reports of a TIS operated by the Connecticut Department of Transportation - db)

## REPORTS

# International DX Digest

Foreign DX Catches. Times are UTC; for ELI, subtract

Jim Renfrew

61 Wilcox Street

Rochester, NY 14607

Great news! You can send loggings to me via modem at "jimrenfrew@aol.com". I'm using America Online. Deadline is still Fridays (occasional Saturdays and Sundays for hot tips).

Mark Connelly phoned to say that the Newfoundland DXpedition logged 85 countries this past weekend. These guys weren't off fishing, they were trawling! With so many loggings, he (mercifully) will write a detailed report separate from IDXD in an upcoming issue of DX news. However, to whet your appetite (don't let your spouse see you drooling over these, it will confirm his/her worst fears about you), the top ten loggings from Newfoundland are shown below. David Letterman is expected to reveal these on an upcoming show, but (as usual) IDXD scoops network TV with the real DX.

### SPECIAL REPORT:

#### NEWFOUNDLAND TOP 10

531 FAROE ISLANDS Torshavn, 10/23 0715 - good (over Spain) with distinctive interval signal and Scandinavian talk.

783 SYRIA Tartus, 10/23 2345 - chant, Arabic mention of Syria; breaking over Portugal. Syria was also heard on

finally extracted frequency Brazilian

Mark also reports a tentat Sri Lanka 1548 with Deutsch signal. The DXpedition consisted of Kazaross, Jean Burrell, Bruce Connelly, Receivers: Icom R Drake R8, Sony ICF-2010. A four Beverages (two Euro-Bever / 1640 ft. each, one Brazil Bever 3280 ft., one Caribbean Bever 2460 ft.), two longwires approx. 200 m. / 656 ft., one wire approx. 200 m. / 656 ft.) transformers were used on Beverages. Beverages were following phasing units: 5 MWDX-5, MWDX-3 and (some) the MWT-3 Regenerative RTL-2 Remotely-Tuned Loop back-up antenna.

### TRANS-PACIFIC

720r RUSSIA (Asia), Yuz Moscow?, follow WGN's tone on the no other audio heard be the only TP I'm



Seoul, 10/26 1000 - Fair followed by man in Asian dunded like news. [JW-ostok, 10/25 1013 - Fair Asian language. Could [JW-OR]

LANITIC DX  
10/20 0440 - Good  
ore, musical program with  
unements. Alone on  
This was a dayer in  
covered by RNE stations  
PAI]

a, 9/29 0325 - Fair with  
ard also in London  
Muge, Portugal) and  
540 kHz. Elsewhere  
usually dominant. [BD-  
5 Lopik? 10/19 0526 -  
Country Music Radio".  
station closed down  
ar, and repeated taped  
nts heard in London  
it would return as a  
station. Good with  
and vocals. 10/23 0420  
nt in Dutch, then ad in  
man and woman in  
Audio somewhat  
des deeply. Can be

756 GERMANY Brunswick, 10/20 0525 - Fair, woman in German. In Europe was strong in all parts. Always in German. Warsaw, Budapest, Lugoj usually was better. [BD-PAI]

765 SENEGAL Dakar, 10/12 2330 - LOUD with Arabic-sounding talk, African music; by far the best TA at the time during semi-auroral conditions. Other strong signals - 621, 837, 1179, 1349, 1544, 10/26 2220 - good with Arabic female vocal, plucked strings. [MCM-MA]

765 SWITZERLAND Sotens, 10/20 0527 - Fair with French and soft music. This one gets into Paris in the daytime. [BD-PAI]

765 UNID 10/26 0621 - Good signal with very weak audio, only Spain and possibly UK coming in at the time. Thought this was Senegal, but noticed recent report of Switzerland being heard. [DB-DE]

774 SPAIN 10/12 0343 - Spanish talk over mess. 10/26 2221 - man in Spanish to fair peaks over presumed Egypt; sloped by WABC-770 & CFDR-780. [MCM-MA]

792 SPAIN Seville, 9/28 2310 - Fair with SER program. [BD-PAI]

801 unID 10/26 2331 - jumble of stations with possible Arabic vocal music Semi-local WCCM off at the time. [MCM-MA]

819 MOROCCO Rabat, 10/11 0207 - In clearly with Koran. [BD-PAI]

819 unID 10/26 2329 - big OC / possible test

a semi-local in London and was OK in Paris, but elsewhere in Europe Wachenbrunn dominated. [BD-PAI]

882 CANARY ISLANDS La Laguna 10/26 2327 - man & woman in Spanish; over others. [MCM-MA]

891 ALGERIA Algier 10/12 0324 - man in Arabic; good. 10/14 0413 - male Arabic chant; excellent. 10/21 2135-2137 - Fair with Arabic vocal, violins and drums; het from unknown domestic on 890; 20 minutes before local sunset. [MD-MA]

936 MOROCCO (tentative) 10/26 2326 - carrier in slop. [MCM-MA]

954 SPAIN Madrid 10/15 0438 - to good peaks with Peter Frampton 70s hit. 10/26 2326 - Spanish talk very good; some WROL slop. [MCM-MA] 10/26 0611 - Strong signal over WOPEN splash with man talking in Spanish. Other SPAINs noted before, but the first time for this one. [DB-DE]

963 PORTUGAL Setxal 10/15 0437 - woman in Portuguese; over growl. [MCM-MA]

999 SPAIN Madrid 10/15 0435 - fair with man in Spanish. 10/26 2325 - EXCELLENT with Spanish teletalk. [MCM-MA]

1035 PORTUGAL Lisboa, 10/26 0640 - Soft music; this one was the most regular TA here a couple of years ago. [DB-DE]

1044 SPAIN San Sebastian, 9/28 0307 - Very strong, with man in Spanish. Was also good in London and Paris. [BD-DE]

1098 CANARY ISLANDS 2238 - Spanish t  
woman; good. [MCM-  
SPAIN Pontevedra  
Spanish talk. [MCM-  
SPAIN Bilbao, 10/26  
talk by man; fair. [M-  
SPAIN 10/16 0405 - m  
Spanish; poor in slo  
mullid local WMEYER  
Spanish talk over I  
station, fair in WY  
MA]

1179 CANARY ISLANDS  
0355 - man & woman  
good. [MCM-MA]

1188 HUNGARY Szombath  
Hungarian talk by  
MA]

1197 LESOTHO Lancer's G  
Arthur Rubenstein  
music // 5975, 6175  
over a pop music str  
& Arabic (Morocco).  
1200 slop then took  
first home receptio  
sets a new personal  
of 7975 miles (27 m  
from Rockport).  
reception was of muu  
[MCM-MA]

svitsoy, 10/15 0424 - talk, light pops; fair.  
 Nonaukchott, 10/26 2352  
 talk, flutes on strong  
 MAJ  
 ushinje, 10/26 2250 -  
 program in English; fair to  
 occasional WLLH-1400  
 AJ  
 hers, 10/15 0409 - Arabic  
 ocal in slop. [MC:MAJ]  
 0010 - Her only, and  
 Ukraine station is back  
 didn't hear anything on  
 of semi-locals in the  
 [BD:PAJ]  
 LA Duba, 10/15 0411 -  
 with Arabic talk by  
 ing 1520. 10/26 2253 -  
 male Arabic-Koranic  
 LLENT - best TA at the  
 g the R8 5-meter on  
 MAJ  
 inlingen, 10/15 0415 -  
 bernan; poor to fair in  
 [MC:MAJ]  
 RA CLANDESTINE -  
 talk by man & woman  
 level on big carrier;  
 d. [MC:MAJ]  
 CDOM, London, Solid  
 , 10/20 0510 - Oldies.  
 ired alarm tuned to this

10/20 2330 - Good signal with  
 religious music or preaching in  
 Spanish. However ID at 0001 and  
 0101 was in English "Broadcasting  
 from Patterson, New Jersey, by  
 satellite to the world this is WWRV  
 New Yor 1330 Am with Radio  
 Vision Cristiana International 530  
 AM South Caicos Turks and Caicos  
 Islands British West Indies." [5A-  
 MBI] 10/27 0923 - Tentative; poor to  
 unreadable with Spanish talk and  
 contemporary religious music.  
 Heard better on 530 when I reported  
 it as unID to DDXD-W back in  
 August. [JW:ORI] (Yes, I've noticed  
 this one always IDs at :01 - Jim)  
 550 MEXICO XEPL Cd. Cuautlémoc CHIC,  
 10/12 0347 - Interesting mix of  
 Indian language male announcer,  
 followed by English C&W standards  
 (Waylon, Willie, etc.); ads for  
 Farnacia Aleman and other Cuauh-  
 stores. Good on peaks, but  
 ORM/CSB. [JW:COJ]  
 580 PUERTO RICO WKAQ San Juan, 10/30  
 0101 - Sung ID heard through mess.  
 [JR:NYJ]  
 590 MEXICO XEFD Rio Bravo TAMÁ, 10/12  
 0232 - Full canned ID under KCSJ,  
 not much else heard; semi-audioral  
 conditions. New XE #114, but only  
 TAMÁ #3. [JW:COJ]  
 600+ NICARAGUA R. Ya, Managua, 10/30  
 0152 - Tentative; heard on high side  
 of 600 with music and possible ID in  
 heard but ID NYJ

coming in strong as well! Only  
 onnce have I heard even a slight  
 audio from St. Vincent. I heard the  
 tail end of the sign- off  
 announcement and the national  
 anthem which concluded at 0302.  
 Country #48 heard. [JR:NYJ]  
 710 MEXICO XEFD 10/12 0128 - Good with  
 Spanish over WHB. "Está  
 escuchando XEFD ... cinco mil waits  
 de potencia ... en Cuautlémoc,  
 Chihuahua". It's always nice to  
 catch these full IDs. [MH:NHJ]  
 770.6 UNID 10/12 0440 - Male announcer in  
 Spanish, couldn't make out much  
 else due to KKO8-770 splatter.  
 Colombia is a good guess, although  
 others report HJIX right on 770. In  
 the 1993 WRTH R. Norte, San Pedro  
 Sula, Honduras, has been reported  
 on 770.6, so another possibility is this  
 one. [JW:COJ] (I'd guess Honduras,  
 rather than Colombia - Jim)  
 790X MEXICO XENT La Paz BC5, 10/15 1259  
 - Heard XE national anthem, then  
 male announcer with possible sign-  
 on, mention of "... California", "Radio  
 Selectentos Noventa" slogan and  
 quickly into music. A local DXer has  
 heard them at this time, so I will  
 continue to work on it. Rough in  
 ORM. [JW:COJ] (Getting a station  
 from BC5 is a real accomplishment -  
 Jim)

880 VENEZUELA YVYM 10/23 0915-1000 -  
 Programa of lively LA pops, male  
 announcer. Initially thought this  
 1020  
 or Sagua La Grande. I  
 kW. [RS:FLJ]  
 9001 MEXICO XEWB Veracruz  
 0415 - XEW dominant  
 another station simul-  
 with a split-second l-  
 echo- type effect.  
 stations on 900, p  
 MexList, are XEW  
 which relays XEW. D  
 will ever be possible t  
 COJ) (I'd send them a  
 and see if they'll verify  
 1000 US VIRGIN ISLANDS W  
 Annalie, 10/20 2255 -  
 SIO 444. Network  
 followed by ads. PS,  
 Several references to  
 Full ID in accented E  
 at 2307, followed by r  
 regarding drug addict  
 UNID 10/26 0609-0700  
 Spanish with WLL  
 English AdCon typee  
 John, etc), man talki  
 0300 sounded like "  
 Voz de La Ciudad".  
 not southwest.  
 Mexico? [DB:DEJ] (I  
 loop bearing, I'd still  
 La Ciudad is what m  
 so, plus Mexico is w  
 heard. I can't rememb  
 Venezuela was report  
 The format and slogz  
 I've heard -pls)  
 TURKS AND CAICCC

ere over KDKA. This  
 a pest. Even stronger  
 on 1020. [SA-MB]  
 330 - Noted country  
 music, man in English  
 "Christian Radio"  
 oned serving the  
 central America and  
 a, and their mission to  
 more music. Very good  
 occasionally" did  
 to cause interference.

John's 10/26 2341 -  
 10/30 0131 - Heard  
 cent ads, presumed.  
 Lighthouse good  
 program. [MC-MA]  
 tagena HJNW 10/16  
 h news, stock report,  
 ): good with WWVA  
 MA]

10/16 0240 - Excellent  
 ews or talk, dominant  
 uester is becoming DX  
 s. [SA-MB] (Oh that  
 s were true! - Jim)  
 ranquilla HJCT 10/26  
 sh news by man &  
 many local stories  
 ulla. [MC-MA]  
 ivo music. XEAI ID,  
 10/9 1204 -  
 o KSTR. [SA-MB]  
 N 10/21 0330-0510 -  
 ades through phased

becoming the DX capital of the Caribbean.  
 Just got home from picking up my daughter  
 and I could copy the 1020 station from Turks  
 and Caicos on the Dodge car radio  
 over/under KDKA. What power are they  
 running?" (Don't know what power, but  
 they've been heard in Europe. At least 50 kW,  
 and probably non-directional - Jim)  
 Mark speaks: "Went to the Monitoring  
 Times convention in Atlanta October 15- 17  
 with Russ Scotka and REALLY enjoyed it."

Russ speaks: "T-storms have been a nightly  
 hassle, I'm worse off than Mark Seiden as I'm  
 further west and the lightning storms roll in  
 from the Everglades and kill of my LSS work.  
 He has the sea breezes suppressing things a  
 bit, he's also less plagued by big local signals  
 and their associated IMDs." (So how come you  
 sent in more loggings than Mark! - Jim)

**STATION NEWS**

**NEW ZEALAND:** Radio for the Print  
 Disabled Levin now uses three  
 frequencies simultaneously and  
 sign-on Sunday-Thursday is 2100  
 and sign-off Monday-Friday 0900 on  
 1602, 3935, 7290, though 7290 closes  
 at 0500. CQ Pacific programme for  
 SW listeners and radio amateurs is  
 now heard at 0800 Monday 1602  
 and 3935. [Arthur Cushen in  
 NZDXT 10/93] By the way,  
 according to NZDXT, Mark Nicholls,  
 of New Zealand logged the KRZN-  
 760 test.

**NEW ZEALAND (more):** Paul Ormandy's  
 "Updated N.Z. AM/FM Listings", a  
 -ated list of stations call letters

[JW-CO] John Wilkins, Wheat Ridge CO;  
 Drake R-8, 4 Box Loop.

[DB-DE] Dave Braun, Wyoming DE; R-2000,  
 Palomar Loop

[RHM-WA] Roy H. Mullar, Marysville WA;  
 Sony ICF-2010, Quantum Loop.

[JW-OR] Jack Woods, Waldport OR; SP 600,  
 Sony ICF-2010, 100 foot longwire in  
 the tall grass.

[MH-NE] Mike Hawk, Omaha NE.  
 [MS-FL] Mark Seiden, Miami FL; JRC NRD  
 93, Lankford/Wright/Scotka 65'

Noise Reduced in inverted L  
 configuration oriented NW/SE, 25  
 feet high.  
 [RS-FL] Russell Scotka, Margate FL; Collins

R-390A, SWA/Misek  
 Sterring Control coo  
 outboard AM Synch  
 (Lankford) and Data  
 filter (used to clip  
 generated by TLASF c  
 [MD-MA] Marc DeLorenz  
 MA; Hyundai car rad  
 [BD-PA] Benjamin Dangerfe  
 PA; HQ-180 and Rad  
 [MC-MA] Mark Connelly W  
 ma; Drake R8, two s  
 37 m. each) via  
 transformers to S  
 Phasing Unit & N  
 Tuner.

**National Radio Club Financial Statement**

*The following statement is for the year  
 Oct. 1, 1992 through Sept. 30, 1993.*

**Income Statement**

Membership Dues . . . . .	\$16,054.00	Total Expenses . . . . .	
Domestic Log . . . . .	11,311.04	Statement of Income (L	
Antenna Manuals . . . . .	284.00	Income (All sources) . . .	
Receiver Manuals . . . . .	22.00	Bulletin/Publication Costs	
Anniversary Book . . . . .	78.00	Beginning Inventory	
New Member Book . . . . .	258.00	Printing . . . . .	
Samples . . . . .	84.27	Postage . . . . .	
Beverage Manual . . . . .	614.70	Less Ending Inventory	
Loop Manual . . . . .	1,303.70	Net Costs . . . . .	
Audio Service . . . . .	3,472.00		
Convention . . . . .	2311.50		
Reprints . . . . .	3,362.27		
FM Book . . . . .	448.00		
Man Book . . . . .	1,051.95		
		Profit or Loss . . . . .	



Alcoa	438
Clinton, TN	630
Steve Francis	
Dan Phillips	
Alcoa	438
Steve Francis	
Rodney Valtron	
Rodney Valtron	
Rodney Valtron	
Steve Whitt	
Mike Sorbaj	
Russ Edmunds	
Essa Hanninen	
Carl Dabelstein	
Mike Jezorski	
Andy Rugg	
Andy Rugg	
Don Lynch	
Charles Reh	
John Hayes	
John Wilkins	
John Wilkins	
Frank Merrill	
John Wilkins	
John Wilkins	
Rick Carr	
Charles Reh	
Dave Schmidt	
Andy Rugg	
Andy Rugg	
Andy Rugg	
Nancy Hardy	
Don Kaskey	
Tim Hall	
Don Lynch	
Niel Wolfish	
Rodney Valtron	
Rick Eddle	
Morris Sorrensen	
Jerry Siarr	
Charles Reh	
MB DXPedition &	
Bob McCoy	
Mike Hardester	
Bill & Nancy Hardy	

Alcoa	438	Alcoa	438
Clinton, TN	630	Clinton, TN	630
Steve Francis		Steve Francis	
Dan Phillips		Dan Phillips	
Alcoa	438	Alcoa	438
Steve Francis		Steve Francis	
Rodney Valtron		Rodney Valtron	
Rodney Valtron		Rodney Valtron	
Rodney Valtron		Rodney Valtron	
Steve Whitt		Steve Whitt	
Mike Sorbaj		Mike Sorbaj	
Russ Edmunds		Russ Edmunds	
Essa Hanninen		Essa Hanninen	
Carl Dabelstein		Carl Dabelstein	
Mike Jezorski		Mike Jezorski	
Andy Rugg		Andy Rugg	
Andy Rugg		Andy Rugg	
Don Lynch		Don Lynch	
Charles Reh		Charles Reh	
John Hayes		John Hayes	
John Wilkins		John Wilkins	
John Wilkins		John Wilkins	
Frank Merrill		Frank Merrill	
John Wilkins		John Wilkins	
John Wilkins		John Wilkins	
Rick Carr		Rick Carr	
Charles Reh		Charles Reh	
Dave Schmidt		Dave Schmidt	
Andy Rugg		Andy Rugg	
Andy Rugg		Andy Rugg	
Andy Rugg		Andy Rugg	
Nancy Hardy		Nancy Hardy	
Don Kaskey		Don Kaskey	
Tim Hall		Tim Hall	
Don Lynch		Don Lynch	
Niel Wolfish		Niel Wolfish	
Rodney Valtron		Rodney Valtron	
Rick Eddle		Rick Eddle	
Morris Sorrensen		Morris Sorrensen	
Jerry Siarr		Jerry Siarr	
Charles Reh		Charles Reh	
MB DXPedition &		MB DXPedition &	
Bob McCoy		Bob McCoy	
Mike Hardester		Mike Hardester	
Bill & Nancy Hardy		Bill & Nancy Hardy	

XESEI	NAV	Santiago	Incunula	Tom Hall	2nai SE Cabo San Loo
XEBQ	SON	Guaymas		Tom Hall	Poway, CA
XBCG		Nogales		Robert Wien	San Jose, CA
XES	TAMS	Tampico		Rick Carr	Austin
TGK	GTM	Guatemala	City	Niel Wolfish	Toronto, ON
ZYH654	B	Candide		UK DXPedition &	Shelgra
HJFG	CLM	Armeria		Eric Bueneman	Hazelwood, MO
CAZZAQ	PRU	Huachu		Richard E. Wood	Hilo

£ UK DXPedition (Steve Whitt, Mark Hartam, Clive Rooms)  
 & MB DXPedition (Shawn Axelrod, Wayne McRae)

# Professional Sports Networks

**Barry S. Finkel**  
 10314 S. Oakley  
 Chicago, IL 60643-2409

Here is 93-94 NBA and CBA Basketball flagship information that I received electronically from Prodigy on the Internet from David C. Braun. NBA is the "Jordan-less" National Basketball Association, and CBA is the Continental Basketball Association (if I remember correctly). I have no information as to how many stations comprise each network, nor do I have any announcer names. Please send me any network lists that you have (and that includes NHL and NFL). These two lists came from the *Sporting News Pro Basketball Yearbook*.

Atlanta Hawks	640 WCST-CA	(with some stations still to be
Boston Celtics	590 WEEL-MA	(I don't have any team
Charlotte Hornets	1110 WBT-NC	Columbus
Chicago Bulls	670 WMAQ-IL	
	NBA	
	CBA	



# Buffer Card: A Valuable Building Block for DX Projects

By Mark Connelly - WA1UON

The "One-Chip Active use of commercially-FET circuits in active based some of these in real-life DXing laboratory tests for as gain, noise, and

o created equal. Most big signal inputs up heard with WLYN-1360 nullled on a remotely-tuned loop with the BUF-A. With the BUF-A in a conventional tuning- capacitor (non-remote) loop, there is no evidence of a WRKO harmonic with WLYN nullled - only WDRC-1360 (Hartford, CT) is noted. Some discrete-FET amplifiers could not pass this daytime test, whether tuned by variable capacitors or

o this category. These not recommended for (more than 1 m. / 3.3 ft.) loops. They could be and larger loops. has shown that the 12-O-8) devices, listed as indeed as good as, or discrete-FET designs well in the past. conductor LH0033CG H0033CG performed daytime field tests.

The LH0033CG-based buffer card (which I've designated BUF-A) clearly outperforms the vast majority of discrete-FET front-ends I've built when it comes to strong-signal handling (immunity to harmonic and intermodulation distortion). Now I've finally reached the point at which varactors used in remotely-tuned applications are the weaker link than the front-end card. (The varactors can still take a lot of "heat" before yielding any spurs.) Very weak WRKO-680 X 2 can be heard with WLYN-1360 nullled on a remotely-tuned loop with the BUF-A. With the BUF-A in a conventional tuning- capacitor (non-remote) loop, there is no evidence of a WRKO harmonic with WLYN nullled - only WDRC-1360 (Hartford, CT) is noted. Some discrete-FET amplifiers could not pass this daytime test, whether tuned by variable capacitors or

When operated at B+ = 12.6 VDC (typical car cigarette-lighter jack output), an clean output of 6 Vpp is achievable. Scope tests show that higher supply voltage (up to 40 VDC) can yield even greater low-distortion output levels. Heat-sinking is advisable at high supply voltages. For continuous high signal level operation (urban sites), the National LH0063CK (at about twice the price of the LH0033CG) may offer slightly improved IMD performance for the perfectionist. The LH0063CK package is different, so card layout would have to be altered if that IC is to be used

Table 1: BUF-A parts list

Item #	Designator	Description/Value	Vendor	Stock #
1	BD	perfbord(1.2"X2.0")	MOU	133-1105 (cut)
2	C1	capacitor, 0.01 uF	MOU	539-CR05103K
3	C2	capacitor, 10uF tant.	MOU	581-10R35
4	C3	capacitor, 0.001 uF	MOU	539-CR05102K
5	C4, C5	capacitor, 0.1 uF	MOU	539-CR05104K
6	H1, R2	screw, 4-40 X .25"	MOU	578-01880
7	H1, R2	spacer, 4-40 X .5"	MOU	574-1450C
8	H1, R2	solder lug, #4	MOU	534-7311
9	P1-P7	flag-clip for .042 hole	MOU	574-T42-1/C
10	R1, R2	resistor, 680K	MOU	271-680K
11	R3	resistor, 100 ohm	MOU	271-100
12	R4, R5	resistor, 4.7 ohm	MOU	295-4.7
13	T1	RF transformer 4:1	MCL	T4-6T-765
14	U1	buffer amplifier IC	GER	(National) LR0033CGC

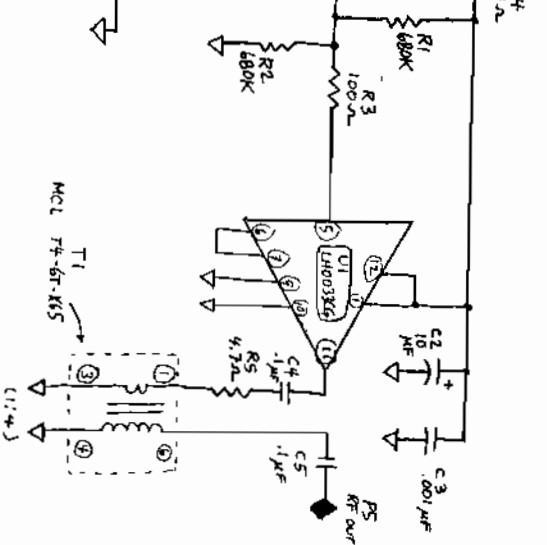
(+ buss wire, solder as required)

+++++ Partial list of Commercially-Available Buffer IC's

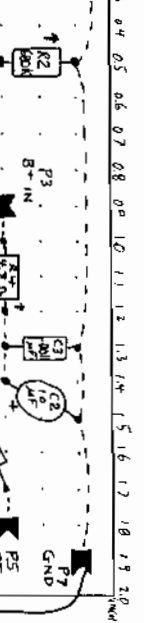
Note: Not all have been tested. Some may be unsuitable because of a high noise floor or other reasons. The "0033's" and "0063's" are industry standards and, generally, have predictable, good-quality performance.

006310N 209620, 2D1R0033

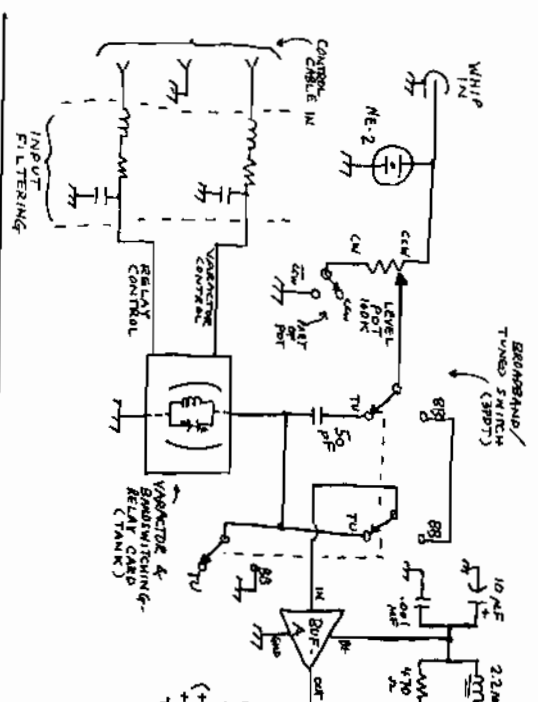
BUF - A BUFFER AMP. CARD  
(SCHEMATIC)



2: BUF - A BUFFER AMP. CARD  
(ASSEMBLY)

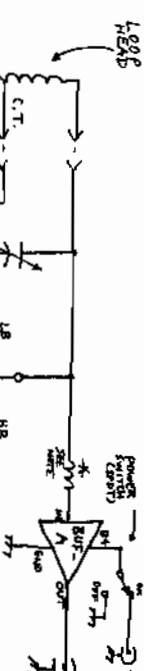


APPENDIX A: ACTIVE WHIP

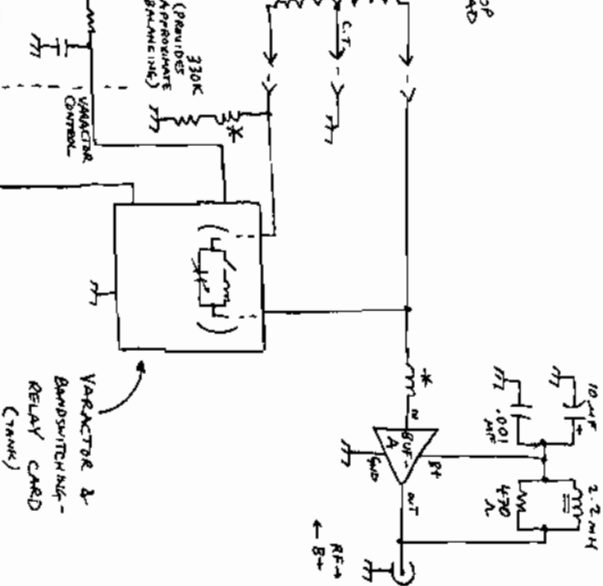


APPENDIX B: LOOP (NON-REMOTE)

\* NOTE: CAPACITORS ADDED, IF NECESSARY, FOR SNR AND TONE REDUCTION - TYPICAL VALUE IS 4.7μF TWICE ARE REPLACED BY DIRECT CONNECTION IF NOT







## MWDX Notes from Vacation Trip to S. Lee, MA

By Mark Connelly-WALTON

In mid-April of 1993, my wife, my son, and I took a one-week "spring break" in the Berkshire Hills at the Oak 'N' Spruce Resort in South Lee, MA. The location, in the southwestern corner of the state, is near the New York and Connecticut borders. Most of the time was spent in sightseeing, swimming in the indoor pool, etc. After a winter that featured 7-day, 70+ hour, third-shift work weeks and worse-than-average weather, the need to unwind was great. Although DX was relatively low on the priority list, I did manage to "sneak" some in.

Equipment used was a Realistic DX440 portable receiver and the homebrew RTL-2 remotely-tuned loop used in conjunction with the MW1-3 Regenerative Tuner / Controller. A few daytime loggings were made in the parking lot on the car radio; essentially, these were on channels that suffered from excessive TV-set interference when reception was attempted in or immediately outside the buildings of the resort complex. On trips where DX is just a "side activity", the first goal is to do daytime-groundwave and stable late-evening skip bandscans. This initial characterization of band activity at a given site builds the foundation for DXing of a more serious, target-hunting nature on subsequent trips. Sharing such bandscans with other DXers can save them much time in cranking-up their own efforts when they visit nearby locales. Some listening was done at local

that period tended to be characterized in dominance on non-Developing a useful guide to these transitional periods required much more time than to invest on this short, family-

### General observations

As my home QTH in metro tremendously distant (only about from S. Lee, meaningful reception patterns could be made location is well inland mountainous; the home QTH miles of the ocean and terrain considerably flatter. The S. I expected, showed reduced capability of both distant ground low-angle long-haul skip as typical coastal sites, or for the inland sites that are flat and have conductivity agricultural-quality

CBF-690 in Montreal, at approximately, was the farthest ground

S. Lee with strength "entertainment quality" (e.g. average consumer-grade comparison, Halifax, NS and area groundwave reception-boomles-are easy from Cape Cod Newfoundland, WHDH-850) received well at about 900 mi daytime. High-angle short skip much less location-dependent.



MA - Marlborough - nostalgia, newstalk, way o/ WROX  
 MA - Rammen - nostalgia - ad w/ "Route 12 Boonville"  
 MA - Fall River - talk, ID u/ WADR  
 MA - maybe WEND-CF / WERC-NY / WCPR-VT; u/ others  
 MA - West Springfield - SS  
 MA - Prob. WNYT-VT / WCSB-NY / WERT-NY; u/ WACM  
 CT - Milford - religion  
 CT - New London - talk, ID o/ WBSR  
 MA - Boston - SS u/ WHIC  
 MA - Greenfield - mentions of local events  
 NY - Buffalo - ID, news u/ WQAM  
 CT - Bridgeport - ethnic (PP, other)  
 NY - Albany - news, sports  
 MA - Newton - SS: ID "La Fabulous"  
 CT - West Hartford (tentative); u/ WTRM  
 NY - New York - nostalgia / BSD / show tunes  
 NY - Amsterdam - pop mx. - ID "The Bug"  
 ID - CMH o/u WBUO  
 NY - Patchoque - nostalgia, talk  
 MA - Warwick - religion  
 RI - East Longmeadow - album rock // MAOI-102.1 FM

inants Bandscan - 8. Lee, MA - APR 1993  
 g session was 24 APR from 0200 - 0500 GMT.

LOCATION, INFORMATION

OH - Brampton - ethnic shows, weak  
 OH - Ottawa - rock, dominant  
 ?? - religious station u/ CJSB  
 ?? - 2-3 station pile: prob. CWRB / WGR / WDEV  
 PA - Philadelphia - ID noted o/ others  
 NY - New York - stop w/ religion  
 MA - Worcester - talkshow, ID - little GRM  
 MA - Boston - sportstalk in jumble  
 ON - Toronto (tentative) u/ WERT/WROX  
 MA - Albany - light music o/u WERT, others  
 PA - Scranton - news in jumble, mostly u/ WROX/WERT  
 CT - Bridgeport - news o/ SS station (Cuba ?)  
 PA - Philadelphia - sportstalk dominant  
 NJ - Newark - SS pgn. w/ NJ ads o/ WNYT/others  
 VT - Burlington - ID u/ WSKO  
 NY - Syracuse (tentative) likely the third stn. here  
 RI - Providence - talk o/ possible CWRB / others



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 WDEL?  
 WBCI?

ALGERIA - Algiers - often het, sometimes RA audio  
 ON - Hamilton - good w/ hockey, less GRM than at h  
 PQ - Sherbrooke - FF mixed w/ CKLY  
 ON - Lindsay - good w/ ID, often atop channel  
 ON - Wingham (tentative) - hockey o/u WBUJ  
 RI - Providence - Talknet o/u Canadian  
 NY - Buffalo - news, good o/ WPAR / others  
 NJ - Paterson - "Muzak" u/ WBER  
 PQ - Montreal - CBC programs - very good  
 NY - Rochester - ID in mess w/ WTBX/WPER  
 NY - Utica - news o/u WBBF/WPER  
 PA - Philadelphia - nostalgia / 40s crooners u/ WTBX  
 CT - New Haven - talk, ID o/ others  
 NJ - Hackensack - fire & bristone preacher, domina  
 ME - Portland - u/WNDJ w/nostalgia  
 NY - Buffalo (tentative) - Buffalo mention in jum  
 NY - Troy - oldies - more GRM than days, still goo  
 PQ - Montreal - oldies; loudest station on busy ch  
 NY - Rochester - noted u/ CKTS  
 PA - Philadelphia - Philadelphia ad in jumble  
 IL - Chicago - stop w/ talk, not much CWRB  
 ON - Toronto - usually o/ WTRS  
 NY - New York - news - weaker than at home: u/CFPR  
 PA - Pittsburgh - talk; little evidence of YMS  
 MA - Boston - newstalk strong, alone on channel  
 IA - Des Moines - fair o/ UNID soul station  
 ?? - soul mx., u/ WRO  
 NY - Toronto - oldies o/u WROD  
 NY - New York - nostalgia (Danny Stille, etc.) o/u/W  
 PA - Philadelphia - news, good: no GRM  
 ON - Sarnia - rock o/ CBA  
 NB - Moncton - CBC variety, u/ CROE. CBA dominates  
 CT - Hartford - news, talk, sports excellent  
 MD - Baltimore - good w/ talk, no sign of St. Inci  
 OH - Cleveland - sports, good o/ possible ZDE / E  
 ?? - probably ZDE / HART u/ WMMZ  
 RI - East Providence - CWR news o/u WBR / CKTY  
 NC - Charlotte - noted w/ CWR show, ID  
 ON - Sarnia - mixed w/ WBR / WMMZ  
 CT - Bristol - ID, info. on local BB teams, o/ KMC  
 MO - St. Louis - talk, behind WBS  
 NY - New York - business talk  
 PQ - Trois-Rivieres - FF talk o/u WROA  
 VA - Richmond - ID noted o/ CTR  
 PQ - Gatineau - likely w/ FF o/u WDEL, others  
 DE - Wilmington - ID, sportstalk - in jumble  
 ?? - ID sounded like WRO or WDEL; unknown stations

PA - Pittsburgh - ID, Music of Your life nostalgia;  
 not as interesting as CRRM's music  
 MB - New Glasgow - rock w/ CRRM/NOVA. Better at home.  
 NY - New York - SS o/ probable CKLD / WRCA  
 NY - Pittsfield - ID, local BB game slightly o/ ratpack  
 OH - Pembroke - Contemporary Hits o/ prob. CKRD  
 SPAIN - Arganda - SS talk noted several times, beating  
 back the 1360 QRM. Nasty bet.

ND - Baltimore - nostalgia, ad for Glen Burnie firm  
 CT - Hartford - Music of Your life w/ WBSB/others  
 ?? - WROP - NY, CIVL - PQ, WBAI - OH all possible  
 ME - Manchester - Talknet; ID at 0405 GMT  
 ST. PIERRE & MIQUIGON - good w/ opera  
 PQ - Victoriaville - PP talk in jumble  
 ?? - CTRC - OH, CMLC - OH, WBYB - VT, WEDM - NY likely  
 NY - Syracuse - nostalgia, ID; o/ others  
 PQ - Riviere du Loup - probable PP station here  
 DE - Dover - ID o/ others  
 CT - Hartford - Jim Bohannon talk show  
 ?? - KQV - PA, WYMG - OH, CPMB - OH, CRTL - OH likely  
 MA - Pittsfield - Red Sox BS; in QRM  
 PQ - Chicoutimi - PP bashing local WBEC  
 NJ - Newark - SS talk, ID; atop NNNRV/CJCL  
 ON - Toronto - sportstalk w/ WNRV, o/u WNRV  
 NY - Endicott - oldies in mix w/ WNRV/CJCL  
 NY - Worcester - sportstalk o/ WERO  
 OH - Warren - probable w/ Ohio mentions u/ WVEI  
 NY - New Brunswick atop several times  
 ?? - Jumble = usual channel condition  
 QU - St. Georges de Beauce - local-like w/FF club hits  
 CT - Meriden - "stardust" nostalgia, ID; o/ CHOM  
 OH - Noland - CFM w/ NMMN  
 NY - New York - ID "WZRC, New York's 2-Rock", good  
 MA - Fall River - Red Sox BS o/u WZRC, others  
 ?? - CRRD - PQ, CRRM - OH probable  
 ?? - mass  
 DC - Washington - news, loud  
 MA - Boston - SS o/ CRRS & WLAC  
 PQ - Sherbrooke - PP u/WBSB  
 TN - Nashville - wild preaching occ. mixed w/WBSB/CRRS  
 NY - Buffalo - sometimes in SS at night - usually good  
 SAUDI ARABIA - Duna - fat bet, sometimes AA talk & m.  
 sliding by WMBB around 0300-0330 GMT  
 OH - Cincinnati - talk; strong, way o/ Vallican  
 VATICAN - Religious m. // 5245, well u/ WCKRY;  
 back around 0300 GMT

**CJCL 1430**  
**AM STEREO**

# Formats

Tony Fitzherbert  
 356 Jackson Avenue  
 Fairfield, CT 06430

*Changes in programming status; reported by listener*

Al Holtz of Philadelphia advises that WPER-1500, Pompton Lakes, on the air since 1964, has dropped both its call and format. Pompton listeners now listen to WGHY, and a mix of oldies from the 1950's to 70's. It's music format is augmented by lots of local news and info. This pretty northern Jersey area. A big band show, Polka program, & public service programming will round out the WGHY weekend.

Al also has sent along information that 560 in Philadelphia has the Salem Communications Corp. of California, who, true to form, will the beautiful music with brokered religion. How another of the might fallen! For years, 560 was the mighty WFIL, one of two legendary Philly. The other, WIBC-990 became WZZD and has brokered religion & And Eric Buennman sends along that KRVO-850, Clayton, MO (just u from St. Louis) will soon become "Lutheran Radio".

And if you are out of range of Lutheran Radio and are in Spring York, you can now listen to WLR-1300 twenty four hours daily, according AM announcer, albeit on vastly reduced power at night. "All Jewish Time" is now non stop, and WLR has added "World Jewish News" (theatrical on the hour).

Station profiles is making a comeback! Look for some profiles to pages soon! I really hope to do a profile on WLR, but six profiles in the works.

Our column comes from Eric.....here it is.

- 1270 WNEB MN Rochester - ASN Sports overnights.
- 1350 KSID MO Washington/ Union - Drops //PM for news and talk.
- 1350 WJBD IL Salem/Centralia - Light AC//PM 100.1.

And a St Louis Dial Scan from Eric. I hope to enjoy St. Louis for year if I get there to see the new commuter light rail line, which surrounding success. It was projected to carry 17,000 people daily, currently carrying over 25,000 daily riders. New radio stations should that pleasant surprise!

550 KSD St. Louis - Ex-KUSA, carries Univ. CNN Headline News

# THE SANGHEAN ATS-803A

by Graham Hayward.

Technology advancing so rapidly we can easily be forgiven that designs more than five years old are out of date, or that remains in production and sells well for a year must embody competent circuitry. The longest of a large international family of digital world band sets that are manufactured in Taiwan is the Sanghean ATS, like the Sony ICF-2001D, is becoming a classic in me.

There have been many versions of this receiver, the same but carry different importers badges and One of the first, the Sanghean ATS803, did not have If passbands; this was closely followed by

crasador BBS2020, Edvils EK33, Eska 33, Matsui MR4099, 06 there have been many versions of this receiver, the same but carry different importers badges and One of the first, the Sanghean ATS803, did not have If passbands; this was closely followed by

already good for broadcast listening these portables I'm impressed, especially with regard to tropical band and chuff tuning. Their digital system cannot be enhance poor ergonomics or the basic 1kHz frequency that we can overcome the chuffing annoyance and add to satisfaction by:-

The BFO knob into a +/-2KHz fine tuning control that interpolates the digital steps on AM, LW, MW and SW. Interpolates the digital steps on AM, LW, MW and SW. For minimizing SW whistles or rocking the narrow or a quieter slideband to avoid splatter.

Operative the audio mute to listen whilst scanning, the mute switching line to smooth a.g.c. levels so and average signals may be slowly digitally tuned disturbance. Strong signals still chuff, so no at here.

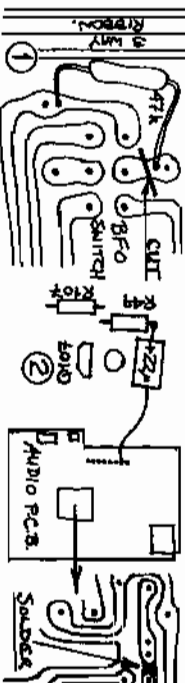
Boost LW-MW ferrite antenna sensitivity.

Boost AM IF gain with an LC circuit that improves modulation.

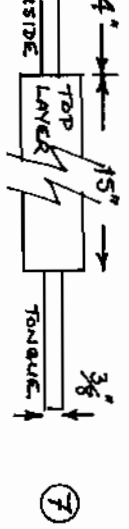
- (c) Lay the radio face down on a soft surface.
  - (d) Remove six back screws - all the same.
  - (e) Gently click the back off and open like a book, setting it flat down on the left. Look out for the fragile white film between the back mounted telescopic antenna and the internal pcb - for convenience unstick the antenna tag.
- To re-assemble work in reverse.

## THE MODS

- (1) Locate the rear of the BFO switch towards the bottom left beside the flat pcb interconnector. Cut one pcb track with a sharp crafting knife and solder in a sub miniature 47k resistor. If necessary trim it, above the AM filters, with a sharpened matchstick to centre the zero beat on an indicated station frequency.



- (2) Find R49 near the top middle a.g.c. pre-set. Solder a 22nF capacitor between it and pin 2 of the internal pcb 8 way ribbon cable on the right hand audio board. Link two tracks.
- (3) Locate and snip one leg of R72, in the top left back corner to reduce r.f. stage damping without affecting stability. Those who are more adventurous might wish to change C61 at the same time from 220pf to 100pf.
- (4) Solder a series connected 33uH inductor and 4n7 capacitor between R112/4 and R113/6 beside Q121, below a.g.c. pre-set.
- (5) Locate R7 above the external antenna switch and carefully solder a 4cm wire link between it and the screening can. Watch out for overload problems - fit a switch if necessary.



underside layer tongue through the handle lug one end  
fold it up and bind tightly with black thread;  
holes near the top ends and bind them tightly in.

once you've tuned in a weak LW, beacon or MW signal  
remember to use the lock button. Below 850kHz, and  
at some other frequencies, this set can annoy by  
picking up its own internal strobe noise. Switching  
the lock to "on" effectively mutes this noise, and  
the new tuning, volume and tone controls may be  
adjusted for comfortable listening.

ents are possible in the form of narrow MW and FM  
455KHz types are OK for AM if fill is re-trimmed to  
and crystal oscillator. However I enjoy my 803A for  
tuning and don't expect to be modifying again.

6 Woodford Avenue, Newtownabbey, N Ireland, BT36 6TL.

OR ANTENNA MASTIK INDOOR ACTIVE TUNED LOOP...ATL-2

use \* 30 inches square \* Lightweight and collapsible \*  
transportable - the loop 26x2x2ins, the box 5x4x3ins \*  
225KHz in five tuned ranges plus 3600KHz to 4400KHz, \*  
for MW reception with good electric field rejection. \*  
ivity, approximately 10mV/mV/m at 1MHz into 50 ohms \*  
switched, 4 x "C" cells, not supplied, life 2000hrs. \*

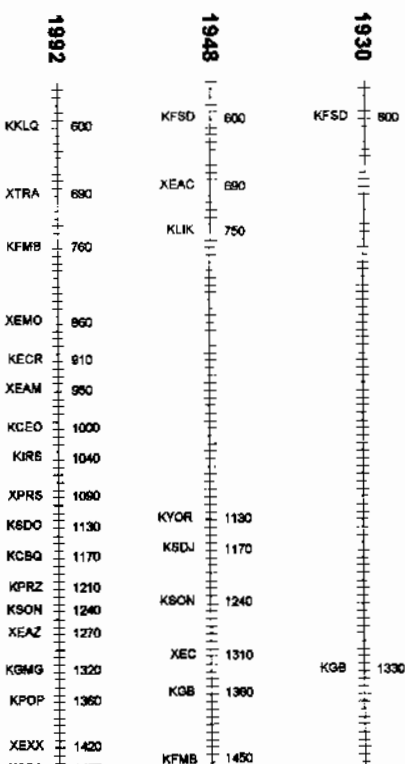
me signals, weather FAX, LW, marine and aero beacons,  
TRK, MW, telephones, top band, marine comms, 80/75m.

# Now and Then John D. Bowker

Dial changes in AM markets, from 1930 to 1948 to

## SAN DIEGO / TIJUANA MARKET

NOTE NO TIJUANA STATIONS IN 1930



Proceedings 1992-93  
Still Available

SS

Times are local per Haseg; submit double-spaced only.  
The opinions expressed in this column are those of the individual writer  
and reflect those of the editors, publishers, or the National Radio Club, Inc.

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FIELD DRIVE - NASHUA, NH 03062-1174

Excellent Adventure II: 10/21-25 MARK CONNELLY & I joined JEAN  
for a DXpedition in Cappahayden, NFD. Here are a few hi-  
sonal log. MARK is preparing a more detailed report, compil-  
Why Newfoundland? To indicate what a hotbed it is for DX,  
to Luxembourg-1440 "Golden 60s" rock music, Radio Moscow-  
and Saudi Arabia-1521 among other, loud & clear on the car ra-  
St. John's airport to the Cappahayden "DX Inn"! Newfoundland  
E part of NA. Upon our arrival on Thursday evening, Jean &  
out some beverage wires so we went right to work. 4 rec-  
along with various phasing/tuning units, Dean on his R71, Mark  
his R70 & myself on the 2010. The 1st night, I was logging  
NNE network stations on just about every frequency. Spain is  
to the S stated! But it was still fun to log them all and  
to compare audio. However, with usually a few stations  
the same network, the difficult part was to ID tr-  
enough time for that, too many other stations to hear and  
other exotic catches that night include Lesotho-1197 & Sao  
couple hours sleep, it was time to get up and prepare for the  
More beverages went up, and then the night got off to a  
of Oman-1242. Argentina's Radio del Plata-1030 was  
practically non-existent! And persistence paid off with the  
Tobago, one of my target countries, heard at dawn with Hindu  
a woman with a heavy Caribbean English accent. The lack of 2-  
Caribbean reception difficult. Only a couple of hours sl-  
again, reviewing loggings and preparing antennas for the fi-  
the dial, I phased the 2 Brazilian beverages to boost the count-  
with Venezuela-1450 and more Caribbeans to boost the count-  
3:30AM NF time and Mark & I were on our way back to  
our home. By then, 85 countries were logged and Neil & Jean  
ter only about 8 hours sleep over the past 72 hours. I went  
afternoon and didn't wake up until 20 hours later! Thanks to  
DXpedition, quite an adventure! 73s

BRUCE REYNOLDS - 1617 CORTE DE MEDEA - SAN JOSE, CA 95124  
There's more on the currently silent KEEN-1370. The 1-  
story reports that for bureaucratic and political reasons they were un-  
find a new transmitter sight on city-owned land they hoped to lease, a  
plan to "diplex" their signal from the towers of KSUX-1500. Dave, howe-  
etional stations, whose patterns presumably are different, use the same  
system? This is a mystery to me. (And me, too. Maybe someone can I  
systems in NYC with WNYC-820/WHCA-570 & WWRV-1330/WWDJ-970-DMS). At  
this article estimates they will return to the air as KRSU 2/94. (Be-  
ng taken on that? DMS) KROB-1490 is definitely back on. Heard a coun-  
ings last week around 7:15AM. No ID caught, but local sports and oth-  
ard. 10/23 the WYLD-540 test was not heard (as expected) but I was a  
an ID of needed XEWA. GBK and many stations from the Midwest were in  
usual. WGR-720 was occasionally in u/KDMV but I wasn't able to catch  
think much-wanted KDKA-1020 was the one with a woman talk show host a  
ght local but I couldn't get them long enough or well enough for an I  
KTRM null'd, KYYZ and/or KCRN get in the way of KDKA here. 10/24 KSUJ  
apparently having technical problems as they were only intermittently  
10:30-11:30PM. KRSP & CKAY were heard before I went to bed. Just be-  
next morning, they were running an open carrier and resumed broadcast  
hour. 10/25 KZZR-1230 added with a promo for OR Ducks football at 7:  
confusion on the date, I missed trying for the RAYL test. Additional  
detail noted includes: NE on KTRR-860, UC-Davis on KSTE-650, UNLV on  
Remo on KROW. 73

ELIOT R. STRAUS - 980 COOPER DRIVE - TOWNS RIVER, NJ 08753  
Hi gang! Let me give you an example of why DXing is  
ing. I've been listening every sunset lately. From 10/18-21, Canada  
the dial. There was French on about half the frequencies and the Can-  
all over my semi-locals while there was nothing from the W or S. Then  
sudden on 10/22, there was not a Canadian to be heard and stations we  
in from GA, VA, MS, AL & FL. It was an unreal S opening! The next n-  
gone and things were just generally average. You just never know whe-  
down at the dials that will be going on. That's why I try to at least  
out every sunset. My job hours will be changing this month from 5A-2-  
That's going to end the sunset DX which upsets me because sunset has  
ibly productive for me. Perhaps now I'll try to catch these daytime  
instead of signing off. Recent veries are in from WIBG (thanks for t-  
MARN, WXYT, CRGB, WCAT & WCHP. Recent spring, I averaged more than a r-  
sent out and I am trying to do it again this fall. I want 1000 veries  
of the season. Logged my 1800th reception this past week! Do you re-  
corder going the whole time you are DXing? I do because you never kn-  
thing unique will pop up and if you don't have the tape going, you mi-  
Well, the season has started out strong and it looks like it will be  
Hit those dials gang and the best of DX & 73's from the Big E!

BILL MOSER - P O BOX 567 - PIERRE, SD 57501

me in the paper and that's that! I have been employed since very driver for a local parts company. Unfortunately, the truck is poor. Locally WCGO-1600 remains all talk 6A-7P then off. The PM (WTMS) was recently sold to a religious group and about a change yet. I recently bought a 92/93 edition of at a local bookstore, it's pretty decent. Got to go for

### HADYCREST ROAD - PITTSBURGH, PA 15216

ain with the rundown of the 7 station visits made by CHRIS King our trip to Erie, Pa. Beginning Fri 9/3, stopping in Sun- to WPPA-1360/WAVT-101.9 with the old facade and studios on Erie Street. News Director Jim Smith offered a fine tour of ornated station in stereo, mentioning they had just gone 24 Y, vice signer & GM Jim Thompson passed away 1 year ago, ha- and is recognized as a leader in Schuylkill County. Just n's Hill behind a local hospital is WPAM-1450 in an unmarked s Miller sight. Account executive Jo Hoffman, a former and burgher was very interested in our hobby and the NRC. "Old- witch over to oldies next week (at the time of our visit) and llentown & Philadelphia! They also carried Mutual news, Not- nke baseball, Philadelphia Flyers & 76ers Sports. Another -1530 "Good Time Oldies 1530 WMBM" was our 3rd visit. About ville in Shenandoah, Pa, their tower can be seen 3 miles aw- into the valley where the town sits. The small one story st- nsmiller sight is a fair trick to find hidden in a residential ne want to give up, but we didn't. Varied on the almost for- cker, CE Julian Milewski is out, but greeting us are Djs Rog or. During a remote, Rog mentioned that even the locals have MBRT so we didn't feel so bad. With no times for stops in e the rest of the day, even though we ate lunch near the Milk field, then would return. On our return from Enfield, our 1st- date, PA, WGCC-1590/WDMR-95.3. Both the fine studios and tr- and 1st floor are the business offices, studios on the 2nd. the AM is country, the PM "Variety 95" having a CHR/AC format disc pioneer CD system to program it! Only a phone call & the only staffer Rob Gavin that we were interested in WGCC rie for the 2/92 test as CE John Duda had left the station.

at Rob was leaving the station to start on a fairly new local used to Beech Grove, PA. Back on Route 6, CHRIS CUDMO & I later in Devon County Roadable at 43 7th Avenue and home of WGD- ont, 1 story operation, board op/announcer Tom Flannery kind- s about nostalgic WGDJ whose programming is popular in the ons varied in 1984. Back on the road and at 4PM, we are in the

DAVE SCHMIDT - P O BOX 11502 - WILMINGTON, DE 19850  
A lot of nice sunset items have been sent along to DAVE his column, even some RA stuff continues to roll in here but after 6 dial is shot due to the line noise problem, even has had to the point it in the evening on our patio! My oldest son and myself have been out though has beam antenna for the scanner bands has been pointing at a the next development!

From what ERC mentioned in his report, it appears the WRC what I taped running the steady 500 hertz tone, so a copy of that is Grady Moates, who once worked for WYRB. We have pulled out of WKEN; longer working for them; their bill for engineering service got way C some time back, we did manage to secure all of the reports (which were from the WKEN DX TEST), so we can say that vertes will be coming on the sion with their interference problem stiff, they advised me of 2 net- areas within a block of here. But they are still planning on coming down the evening noise we've still having starting around 6 PM. With coming in at amazing signal levels! If you report them, ask them why strong that night but never heard in the past! That's it....CUNT7 and may be at RAY ARKUDA's on the 20th (?) 73's ~~73's~~

# College Sports Networks

## Network listings for team sports stations

- Another edition of College Sports networks is underway for here are some major stations on which football can be heard th
- |                              |                      |
|------------------------------|----------------------|
| CA-FCB-A Golden Bears        | ZXK - 610            |
| IL-DFA Hoosiers              | EOO - 1190           |
| ICL, Iarkys (Valley Network) | WMC - 1040           |
| (Iowa Sports Network)        | WRT - 600            |
|                              | Prosy Mitchell, M    |
|                              | KXL - 1540           |
|                              | WBI - 58C            |
| KANSAS STATE Wildcats        | Bob Evans, & Kevin   |
|                              | Bob Jevie, Max Paluk |

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333 Church St., #14  
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