WDOV-1410, P. O. Drawer B, Dover, DE 19903 will air special programming Monday morning December 16, 1991, between 0200-0406 EST. Between the top of the hour and approximately five minutes past each hour, WDOV will air voice ID’s, a 1,000 cycle tone, and code ID’s, interrupting its regular programming. Our thanks to Bob Reinhardt, Chief Operator, and Dave Schmidt, Chief Engineer. Arranged by J. D. Stephens for the IRTCA.

WWII-720, 8 West Main Street, Shiremanstown, PA 17011 will conduct a DX Test on Sunday morning January 26, 1992 from 0400 to 0430 EST. Program will consist of polkas, big-band music, voice, and code ID’s. Our thanks to Mr. Dean Lebo, General Manager for this test. Arranged by the Courtesy Program Committee of the National Radio Club.

KUSD-690, Telecommunications Center, 4141 East Clark Street, Vermillion, SD 57069-2390 will conduct a DX Test on Monday morning February 17, 1992 from 0300 to 0330 EST. Program will consist of test signals and programming. Our thanks to Mr. Larry Rohrer of South Dakota Public Radio for this test. Arranged by the Courtesy Program Committee of the National Radio Club.

From the publisher ... WIBW-580 Chief Engineer Ed O’Donnell called me this weekend with a request for help. (You may remember Ed as one of the speakers at the Topeka convention in 1989.) Seems that a Mexican station on the frequency is, again, not observing proper sunrise-sunset power etiquette, causing severe interference to WIBW for about an hour preceding sunrise and about an hour after sunset, as close as southeast Kansas. He obviously cannot monitor this station from Topeka, and he’d appreciate the help of any DX’er in noting any unusual activity on this frequency and reporting it to him as soon as possible so that he could in turn report it to the Texas FCC monitoring station for action. He’d like reports throughout the winter. You can call (800) 272-9429 evenings CLT 6:30-7 pm, but make sure you tell the phone moderator that you want to leave a message for O’Donnell, or you may find yourself asked sports questions on the air by Ron Paradis. Otherwise you can send reports to Box 119 - Topeka, KS 66601. Your reports could have a definite effect not only on this real pest but on other stations which operate illegally across the border ... not to mention the fact that this opportunity is a rare one for hobbyists to return a favor for all the years Ed and others have sent out to us.

They joined ... Marc Kubacki VE3GIX, Windsor, ON (rejoins); Bill Burrows, Gloucester City, NY (rejoins); Jean Burnell, St. John’s NWF.

DXChange ... Isaac W. Eaves - 18503 Canyon Cove - Crosby, TX 77532 is offering his Hammrland HQ-180A for sale at $550. It includes professional mods by Steve Bohac with a sngle Collins mechanical filter, enchanced audio, built-in Q-multiplier, RF trimmer, etc., plus an outboard digital frequency readout from Radio West, and it was overhauled by Bohac about a year ago.

**DX Time Machine**

From the pages of DX News

50 years ago ... from the Dec. 6, 1941 DXN: Jim Wedewe, Dyersville, IA, reported that he ran his 100-ft. antenna across three neighbors’ yards and would like to add another 20 ft. ... Al Bartholomew, Bradford, NY, reported that his XER vere was a 20-peso note with the vere message typed on one side.

25 years ago ... from the Dec. 10, 1966 DXN: Charles R. Rader, Hamburg, NY, drove to Kittening, NY for an area GTG at Dick Cooper’s with Johans, Maslen, and Heinen riding along.

10 years ago ... from the Dec. 7, 1981 DXN: Jerry Bond, Rochester, NY logged KNX-1070 11-9 0058-0100 for the first time in the current DX season.
CALL LETTER CHANGES
Old call:    New call:
770 KRPH WA Seattle            KULL
980 WBRE MD Baltimore          WYQA
1150 WYNE WI Kimberly          W4BY*
1220 KOUR IA Independence      K9GK
1330 WKOJ OH Bexley            KYPC
1440 WTRF NY Rensie            KZLB

*WBRE-980 was never used and has been set aside, station remains WYQA. WYNE-1150 has been bought by owners of WHAY-1230 who will move their call and programming to 1150 as reported six issues ago, this change reflects that move. Contrary to our speculation last week, KIOJ has indeed changed calls to K9GK, having purchased the call from the Palm tree radio station. Somehow this change slipped through the cracks. Thanks to Bob Umacht of MSU who phoned with this information from DC.

APPLICATIONS / GRANTS FOR NEW STATIONS
None

APPLICATIONS FROM EXISTING FACILITIES
1500 WAKK IN Valparaiso: move to 970 kHz with 400/700 U2
(higher power at night is correct)

GRANTS TO EXISTING FACILITIES
None

OTHERNESS
600 WHET AL Enterprise: station is SILENT
710 KET AZ Black Canyon City: station is SILENT and has been
for several years. After operating briefly they
left the air planning to return with 50,000 watts
and went as far as having a 50 kW transmitter on
site. However, we hear a rumor from an engineer
in the market that the rig was repossessed.

750 WPIQ GA Brunswick: station is SILENT
950 WSPA SC Spartanburg: silent station is ON THE AIR
1020 KQFA AK Eagle River: station has been SILENT since August
inching financial woes but is "in the process of
being sold to a local church and we continue to
pray that it will be back on the air before very
much time passes" according to a letter from KQFA.

1120 WQOD AL Lacey: silent station is ON THE AIR
1280 KTOC WA Puyallup: relay of WYOM-1450

THANKS: Jeff Muller, Fred Tankersley, Conrad Durach, Rocky
Stone, Chris Guomo, Martin Fanorke and M Street Journal.

it was quite a shock to read the front page of the 11-11-91 DX
News and learn that it has been TEN YEARS since we began cranking
out this column! It sure doesn't seem like even half that but I see
that this edition of AM Switch is column #270 and since we
produce 27 a year (missing 2 DXNs a year for vacation) it adds
up correctly. So I guess a big THANK YOU would be in order to
all of you faithful members who have continued to contribute your
Otherwise items. Just sit here and bang on the computer. You
are the people who keep this whole thing going with your
support. There are members like Wayne Neiman, Dick Truax, Dave
Schmidt, Chuck Rader, Ron Musco, Skip Dabelstein and others who
have been contributing items since I became editor. And of course
we can't forget former editor John Bowker who continues to
send in the fact he has gathered from his travels. And finally THANKS
to anyone who may have sent in just one tidbit. Your support of
this and other columns in DX News is what has kept the National
Radio Club alive for 58 years. Keep it up. I wonder what will
have to say when I look at the front page and see that it's been
25 years..............

73 and Good DX Jerry

By John D. Bowker

IN THE BEGINNING

This is the complete list of U.S. broadcast stations on the indicated
frequency as published by the Federal Radio Commission in 1934. "S"
means shared, "SH" means specified hours, "T" indicates transmitter
location, "D" means daytime operation only, "U" means unlimited time.

<table>
<thead>
<tr>
<th>Frequency (kHz)</th>
<th>Call letters</th>
<th>Main studio and transmitter location</th>
<th>Power</th>
<th>Time designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1240, regional</td>
<td>WAKK</td>
<td>San Juan, P. R.</td>
<td>1 kW</td>
<td>T time.</td>
</tr>
<tr>
<td></td>
<td>WXYZ</td>
<td>Detroit, Mich.</td>
<td>1 kW</td>
<td>U.</td>
</tr>
<tr>
<td></td>
<td>KTAT</td>
<td>Fort Worth, Tex.</td>
<td>1 kW</td>
<td>U.</td>
</tr>
<tr>
<td></td>
<td>KCUC</td>
<td>T-Birdville.</td>
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<tr>
<td></td>
<td>KPLM</td>
<td>Minot, N Dak.</td>
<td>250 w</td>
<td>S.H.</td>
</tr>
<tr>
<td></td>
<td>KTPF</td>
<td>West Twin Falls, Idaho</td>
<td>(500 w)</td>
<td>S.H.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(1 kW LS)</td>
<td>U.</td>
</tr>
</tbody>
</table>

Join the Target DX revolution!

Become a better DX'er by targeting. Help yourself by making requests for information ... help others
by sharing your experiences through Bruce Conti's Target DX column. There's strength in
numbers and shared information ... and what better way to DX than by DXing "smart"? Send your
requests and tips to Bruce Conti - 34 Kessler Farm Drive, APT. 566 - Nashua, NH 03063-7144.
Domestic DX Digest - East

William Hale

344 Burleson
San Marcos, TX 78666-4335

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

MEDIUM WAVE READINGS

- A big WELCOME to new reporters Bob Gilford and George Phillips. Bob DXes with a DX-440 from his DX shack in Virginia Beach, VA. After being a non-contributor during his first year as an NRC member, we've finally got him in the pages of DX News. And we're looking for more George from the plains of Minnesota, and he reports some "Midday DX." After seeing the Northern Lights the previous night, a great AUS session was sure to follow.

- Keep those fine reports coming!

- Ever heard of "Trimming?" Neither did I until I read an article from the San Antonio Express-News, courtesy of Jim Boehm. Seems KMSG-FM 105.3 in the Alamo City has taken over both KISS-AM 930 and KISS-FM 99.5, and Magic 106's Oldies format now emanates from all three frequencies. The KMSG general manager was quoted as saying this is only a temporary arrangement. No telling what the final orchestration will be. Here in California, I can still listen to Kool Gold on KCBG 1170, thank you.

- Don Trefill needs some suggestions for an antenna now that he's moved into an 11th floor apartment. Let's see. That's about 110 feet up. Just drop a wire out the window and let gravity take its course. Don. Muse an idea or two that'll top that!

- "Many reporters have commented favorably about this DX Season already. Crank up the dial and send in your reports. NOW! I've decided to have you continue to mail your reports to my Texas address, as long as the first three mail forwards are worked out so well. Priority Mail does work! We'll see what happens after the Christmas holiday season.

SPECIAL

610 WAQS NC CHARLOTTE - 11/4 noted with new CSL WAQS, exc WLKI; carries Kool Gold format; legal ID: 00 Charlotte's only 50 Rock and Roll Station.

930 KISS TX SAN ANTONIO - 11/20 new trimat, KISS-FM 105.3 and Magic 106's Oldies format.

940 WSPA SC SPARTANBURG - Issue dated 10/12 says Silent, in these 10/11 with His FB, called in on 10/11 to find out who won and received their 10/12, signed by Craig Turner.

1330 WMSR TN MANCHESTER - as per verity, simulcasts WTVF TV (Nashville) 1900-2000 ELT; new address is 916 Oakdale Manchester, TN 37755.

1350 WSMB LA NEW ORLEANS - as per verity, new address is 629 S. Claiborne New Orleans, LA 70113.

1390 WMOB AL MOBILE - wrote to this station and letter was returned; address in new Log is not correct (GH-VA). (Okay, Mobile-area members, here's your chance to excel, hi - Ed.)

1450 WXMX PA HARRISBURG - noted change of CI in AM Switch to WXMX per verity list for 10/18 reception, call is WXMX and they are on 99.3 FM (BG-VA). Believe WXMX is still alive and well in Mount Vernon, IL on 940. These guys may use Mix or some sound effects, but not WXMX - Ed.)

1470 WWWW OH TOLEDO - 11/12 2230 positive ID Your hometown sports connection, 55WAM 1470 - CNN Headline News, ad in Nancy's Restaurant. Sad to note, change of format change since Log lists WQOH as call (LKONON). I've still got WOHO, too. Mr. *, what's the scoop - Ed.)

UNIDS AND UNID HELP

660 UNID ?? - 10/31 1726 fair with WMRX KX, sports talk show (Lmc-NY)

1280 UNID ?? - 11/17 2200 SS missing CIQCV, new in SS at 2200 noting Magic Johnson, what seemed to be the wx and jx ID which I couldn't understand; loop was E/W, but it was coming in on the 4 LW too, but fainter (LKONON)

DX EQUIPMENT TESTS

1370 KCRV MO CARUTHERSVILLE - 11/20 not a sign of this one, only a weak WXXI and WSPD (CT-ON)

1560 KKOT OK SALLISAW - 11/1 0101-0119 weak; DX pmh hrd with numerous CFOs making it through the mess; got info on this front from NRC Ham Net on 75 meters (AMA-V)

1590 KWEY OK WEATHERFORD - 11/11 not hrd; info also from Ham Net (AM-VA)

TIS AND OTHER STUFF

530 TIS MD WASHINGTON COUNTY - 10:00 & 11/7 daytime reception noted while travelling on I-66, mention of Washington County Visitor Center, attractions, more, and cautioned that broadcasts were different for particular areas (multiple XRs?) (MH-PA)

WMNM725 NY CHEMUNG COUNTY - series of TIS xtrns on NY 17 in Elmira/Corning area noted off the air as the 2-year experimental period which authorized sex expired and another (unidentified) group is thinking of possibly applying for license to resume bcasts (MH-NC)

WQC855 VA Kings Dominion along I-95 - NOT noted during daytime check while driving thru area on 10/30 & 11/7, but park's billboard indicated the park was closed for season, so station may resume operations when they reopen (MH-NC)

TIS VA RICHMOND - daytime reception 10/30 & 11/7; female announcer noted 10/30 w/30-45 second loop announcing test broadcast with mention of Welcome to Metro Richmond and This is the Visitor Information Station on I-85 male announcer noted similar greeting, but 2-3 minute loop w/mention of the Metropolitán Richmond Visitor Center [and address], attractions in both the Richmond area, and Virginia, and Veterans Day activities; stn noted while checking for WQC855 in toll booth areas along I-95 route in the Richmond area (MH-NC)

1610 TIS NE LINCOLN - 11/11 0740 good info about Lincoln; phone # given to call for more info (SA-VAL)

KIE736 VA SHENANDOAH NATL PARK - daytime reception 10/30 & 11/7; noted whilst travelling on I-66 with woman announcer (weak) with mentions of park attractions, extreme fire hazard, and giving a 1-800 number to call for reservations (apparently for campgrounds in park) (MH-NC)

1620 UNID ?? - 11/10 1024 definitely unuid TIS reported earlier is one, barely detectable with female & female announcers with We invite you to stop by for information on accommodations, *** and special events by male, followed by brief remarks by the woman and man again a few seconds later This is (VA-VAL)

MIDNIGHT TO 0800 HOURS ELT

550 CHLN PQ TROIS RIVIÈRES - 11/9 0505 FF surfaced over WJMN & C&M, possibly CFNB (RH-NJ)

560 WQAM FL MIAMI - 11/8 0145 OLD RX and local ads (DLH-IN2)

570 CJEM NB EDMONDSTON - 11/8 0105 FF news/sports, listing of other relays of CKMV, as noted in Log: 1st timer (RH-NJ)

610 KILT TX HOUSTON - 11/8 0426 & 0599 very good with Hudson & Hamilton Friday Night C&W format with wx and traffic reports; lost at 0595 WAGS power up; new for TX #8 (RT-NC)

900 CHYC ON SUDSBURY - 11/2 0540 fair with FF talk, wps, reports, mention of Sudbury, lite FF ROX RX; undercovers CHML/WEY; new for ON #84 (SA-MB)
850  WKIX  NC  RALEIGH  -  10/31  1722  [Laura, are you messin' with me? Or did you mistakenly put this in 0800-1600? Or did you mean 1227? - Ed.] good, mixing with WHDH with local KHY promo, EZL, slogan The Triangle's Memory Station, WKIX (LMC-NY)

910  KLCN  AR  BLYTHEVILLE  -  11/9  12:55  fair in WACO null, network O&L show, legal ID (ETH-MO)

1310  KRBI  MN  ST. PETER  -  11/1  09:20  poor with talk about St. Peter and area towns; under KNOX, fresh fade-up; new for MN #109 (SA-VAL)

1410  WSTL  NY  GLENS FALLS  -  11/15  15:55  good in WPON null WCW mx, Stereo AM signal, sx at 1555 (LMC-NY)

1450  KZZJ  ND  RUGBY  -  11/15  08:05  good with SSB, sign-on info, new for sign-on, not 09:00 as per the Log (SA-MB)

1480  WJBM  IL  JERSEYVILLE -  11/9  11:40  fair with ID. WJBM Jerseyville-Carrollton, serving the Tri-County area. AdCon; was my closest unheard (ETH-MO)

1500  WPMB  IL  VANDALIA  -  11/9  11:45  fair - poor with remote from a Vandalia restaurant, legal ID (ETH-MO)

1520  WHOW  IL  CLINTON  -  11/9  12:00  poor, with University of Illinois FB promo with ID. IL #58 (ETH-MO)

560  WVOC  SC  COLUMBIA  -  11/13  22:00-22:27  poor with Talknet, getting clobbered by WCN (PC-VA)

790  WSLV  NY  WELLSVILLE  -  10/19  16:25  C&I, alternating w/VAEB, 1st-timer (RH-MO)

810  WCEC  NC  ROYAL MOUNT -  11/10  2016 C&I, ID; in WGN null (RH-NJ)

830  WMWO  NC  EDEN  -  11/10  12:34  Rel. pgm, mention of churches (Pentecostal) and Brother Broadax and Pastor MacGee. I passed by this church on a 1978 vacation trip; 1st-timer (RH-NJ)

850  WKXJ  NC  RALEIGH  -  11/10  2025 Greensboro vs Raleigh Hky game, 3-1 Greensboro after 1st period. Bud ad, league standings; good, clear signal (RH-NJ)

900  WJPN  OK  ANADARKO  -  11/6  19:30  weak atop noise, mention serving southwest OK, KRP-TM & FMID (ETH-MO)

920  WKO  TX  SAN ANTONIO  -  11/3  18:40  atop with SID, ROK O&L (ETH-MO)

940  WJUN  GA  CALHOUN  -  11/5  17:05  faded up for clear CL ID; under WYN simulcast of WSCC T95C; new for GA #101 (JRT-NC)

950  KPRK  TX  HOUSTON  -  11/8  18:50  fair - good with sports talk show, local id, local ads (ETH-MO)

970  WSSW  PA  PITTSBURGH  -  11/13  22:24-22:35  good with oldies, many non-IDs as 3WS; ad for Christmas event at Greensville Mall; mixing with WJMX (BG-VA)

990  WJAMX  SC  FLORENCE  -  11/13  22:24-22:40  fair with talk show (BG-VA)

1070  KNK  CA  LOS ANGELES  -  11/13  22:59  good with non-legal ID - nx (JLMO)

1170  KTLD  LA  PINEVILLE -  11/16  16:20  good with live promos and IDs (DNL-INZ)
**Domestic DX Digest - West**

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

**DX Tests!**
1560 KABJ KS Abilene
11/15 0600 Using this call for IRLCA DX Test. Very strange electronic beeps and VID's through 0613 tune out. (OW-OC)

**Special**
900 WOZK AL Ozark
Per station letter. S0000 with 69 watts.
MW 0720 CWTW Estimates 2300 daily with 69 watts from local sunset to sunset. (CPC Machine)
920 KGTO AM Lebanon
Very weak by call station calls changed 11/19. Format OLD. (ex-KGAL) (JW-OR)

**Midnight to Midnight**
540 KHKN CA Carmel Valley - Salinas 10/29 0914 Noted with C&W "Real Country" slogans. Call confirmed SMN's Real Country net. Fair with slight KMMV-QM QRM. (DR-PH)
710 KIRO WA Seattle
11/18 0742 "Callin News Radio 710" All N and features. Fair on peaks with QSBQRM zapped by KNSN s0075. (JW-OR)
1230 KVAS OR Astoria
11/19 0600 Poor with PSA, Id. USA Radio North into OTH. PWM. (JW-OR)
1240 KZLO NV Laramie
11/20 0900 Poor thru QRM with ID "KIQO FM... KRLM AM" into unkr net. WY #29. Was my 3rd closest heard. (OW-OC)

**Midday to Midday**
600 KBBT TX Brownsville
11/19 1228 Fair o/KIX with Tyler & Longview adds. Call ID's. (OW-OC)
1220 KDFC CA Palo Alto
11/19 AM-QAM with CLA Mx to 1950 power. Id at 2000 very poor. (JW-OR)
1260 KQTV CA San Francisco
11/14 2314 Good with ID, slogan "Rockless talk" AC Mx. (JW-OR)
1300 KWWC AR Searcy
11/17 1900 Good Signal ID "We're playing your kind of country on KWWC AM & FM. And we're playing them as loud as we can!" (JW-OR)
1300 KPLT NV Carson City
11/14 1900 Good with ABC Nx, Id, local. PWM. (ex-KQAT) (JW-OR)
1310 KCRC CA Crescent City
11/13 2022 Fair with ID and SX, last hrd here in 1986. (JW-OR)
1350 KMJX CA Sacramento
11/13 1900 Poor to fair with ID local adds Mx. (JW-OR)

**Unids**
1170 Unid
10/27 0522 Jim Batson again showing air first hour /KMMV+KRC KSL etc. (since it was part of DST, show ran 1700-2100 HST, followed by 3 hr. repeat) Suspect KPUG par IRAK Almac. Very Poor (DP-PH)

**TIS**
1610 KNEZ9390 WA Stevens Pass
11/18 0803 Fair with Wx and "friction tires advised". Stevens Pass is North of Seattle. (JW-OR)

**Contributors**
(DP-PH) Dale Park Honolulu, HI # ATS-803 6/4/91
(JW-OR) Jack Woods Wapato, OR # ICF-2010, SP-600, Marilyn's Rest
(OW-OC) John Wilkins Wheatlands, CO # R 1006. 4-228 Annahills Loom
International DX Digest

Foreign DX Catches. Times are UTC; for ELT, subtract 5 hrs.

1386 USSR Kaliningrad (heard in Belgium in September). The station puts out a super signal, but I heard it IDing around 1800 UTC as R. Rigas, and this announcement was followed by news in Latvian. Could be just a Russian broadcast into Latvia, or it could be a move. (BD-PF)


810 BAHAMAS TNS 04:06 11/23. With an Inspirational music program, M announcer, best reception from them in a while. (JR-NY)

880 UNID 03:57-04:30 11/12. Poor to good in sharp, WBS null w/SSM nx and announcer. On 19 clear "R. Digita" IDs. No country or city mentioned. Maybe R. Mundial (Ven.), but sure sounded like "India" without an "I". This during good SA opening, w/3 or 4 other SS stations under this. (RF-On) (Mundial) sounds like "Monedon-VATL". Richi not sure what this might be - Jim

800 MEXICO XEM, Mexico City 0600 11/23. Good in CHM null w/SSM. NA. (JR-NY)

900 COLOMBIA HFA, Pererra 0145 11/3. In clear w/CHM program. (BD-PF)

1020 COLOMBIA SCF, Cali 0145 11/3. Atop freq. w/CHM // 1020. (BD-PF)

9000 HAITI XEM, Cap Haitian 02:05 11/22. Alone them into EE at 2300. (BD-PF)

1375 ST. PIERRE & MIQUELON 0704 11/16. RDF w/EE talk // 5055. weak but steady. (JR-NY)

1580 MEXICO XEM La Grande de Smera 0633 - 0644 w/SSM game and IDs, good on peaks. (JR-NY)

1650 UNID 0517 11/22. Weak beacon w/ repetitive noise code "E-M-E-E". Definitely four letters, though it might be 3 ERE or EREM as there wasn't much of a break between letters! Am I hearing Colombian MER with an extra "E"? (JR-NY)

Grazias Nuevas Alegres

TRANSMIENDO GRATIS LAS NOTICIAS

Tell the Good News Abroad

From GUATEMALA

"Beautiful land of the Quiche"

Frequencies: 730 kc. 5655 kc.


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SOUTH KOREA Cheju 1056 11/19. Regular here a few years ago, but rare now. Man talking in Asian language, female vocalist, poor signal with fades. (JU-DR)

594 MOROCCO Quida 23:40 1/28. Fair. (BD-PF)

9100 MOROCCO Sebaq-Bioun 03:30 10/23. Fair in Barmer. (BD-PF)

774 YUGOSLAVIA "heard while in Belgium" 2200 9/26. Station IDing as "R. Croatia" w/fx in EE. (BD-PF)
Welcome to the holiday season Formats column. Robert Tribe notes via a newspaper column that WTDQ-1600, Henderson, NC has been sold to WLV-1110, in Asheville. The two will simulcast a format of music from the 1960's and 1960's, WTDQ, by the way, has been heard in my den at sunset...but they never verified. And according to the M Street Journal, WBBY-101, "("Bobby", Lord to go to an all-commercial format. What next? And from the suggestion box, Dave Schmidt thought that the silent stations be dropped here...Bill Hale and Jerry Stark plot them up in their columns. A good idea, so lets not duplicate effort!!

Our contributors are Dave Schmidt, The M Street Journal, and Joe Perka who sends a Dial Scan from Jacksonville, FL. Here we go...

560 WYOR TN Brentwood - CWM, Business news (M).
580 KFDD TN Nampa - News, farm info, talk (M).
630 KIDD CA Monterey - Uni's Standards (M).
740 WDPE TN Tullahoma - AC (M).
770 XFLA CA Riverbank - Religion and WBN Business (M).
800 WDSR SC Dillon - Religion (M).
810 WBYY MI Rockford - All commercial radio (M). We have enjoyed all Elvis, all Beatle, all weather, all pre-teen, all polka, and now all commercials (TF).
920 WTRJ NJ Trenton - News/talk (DS).
1020 WYSP MD Baltimore - Now some Spanish on Sundays (DS).
1050 WGGY NJ Ocean City - /WESK - 102.7 "All Sports", some Spanish (DS).
1130 WEEO PA Waynesboro - Contemporary Christian (M).
1150 WKKQ GA Fort Valley - Black Gospel/WIBB (M).
1150 WPPA PA New Kensington - Soft AC (M).
1240 WVOK MA West Yarmouth - CNN Headline News (M).
1280 WIBB GA Macon - Black Gospel/WIBB (M).
1300 WJFK MD Baltimore - CNN Headline News/Washington, classic rock and Howard Stern (DS).
1340 KTOO CA Needles - News/talk (M).
1380 WYPA YP York - Drops SMR Pure Gold for CWM (M).
1380 WUSC SC North Augusta - Time brokered programming, studios closed, staff released, and turned over to a private concern paying for their time (DS).
1440 KKKL ND Grand Forks - CWM CWM (M).
1450 KIOV ID Payette - Oldies, classic rock (M).
1460 KEVS TX Corpus Christi - News/talk/BBN Business (M).
1480 WYRN NC Louisburg - CWM/FM (M).
1520 KIDS MO Independence - CWM/KEKR (M).
1540 WWMS MI La Plata - AM (M).
1570 WBUX PA Doylestown - '80's music as of 12/1/91 (DS).
1590 KFII TX Waco - News/talk in December (M).

And bring your radio to sunny Jacksonville, FL, courtesy of Joe Perka, for a local Dial Scan...
| Call Sign | Frequency | City | State/
Country | Time Zone | URL | Notes |
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*Distance records for stations logged on graveyard frequencies*
Caracol Network List ... via TRN, Arctic Radio Club

Information below originates from Ricardo Alarcon Garcia, president of CABACOL.

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Greetings, everyone! First, I must apologize for the delay in getting this column out. I had intended to do another in April, but there were only two questions I had on hand over the entire summer. Secondly, we have to get rerun correctly, in what seems to be a continuing series of reorganizations at work, which has resulted in a substantial amount of travel and substantially increased work. Anyway, I do have several more questions on hand, so let's proceed.

**QUESTION:** There are two antenna connections on the back of my receiver. Why? Is this to connect a longwire? A loop?

**ANSWER:** Yes, there are two antenna connections on the back of your receiver. One is for a loop antenna, and the other is for a longwire antenna. The loop antenna is typically used for VHF and UHF applications, while the longwire antenna is suitable for LF and MF bands. Since your receiver has both connections, it is designed to accommodate either type of antenna, allowing you to choose the one that best meets your needs.

**QUESTION:** I recently saw an advertisement for something called a "FM Topper." What is this, and can it work?

**ANSWER:** The "FM Topper" is a device designed to improve the performance of your FM receiver. It typically consists of a preselector filter that removes interferers and noise, allowing you to tune in weaker signals more easily. While it can certainly help in some cases, its effectiveness depends on the specific conditions at your location and the quality of your receiver. It's always a good idea to try it out before investing in it.

**QUESTION:** I have a home-made noise filter which is of a Tokin AM-26000. It has printing on the back which says: "Noise Filter, 125 VAC, 6 Amp, 50/60 Hz, P. VAC 1000 K. What is it, and what can I use it for?

**ANSWER:** The Tokin AM-26000 noise filter is an AC line noise filter designed to reduce electrical noise on the AC power line, improving the performance of your equipment. It's typically used to protect sensitive electronic equipment from voltage surges and fluctuations. You can use it to improve the quality of your audio or video signals, stabilize power supply voltages, or even protect your equipment from interference caused by high-frequency electrical noise.

**QUESTION:** That's a good question, isn't it? It appears to be an AC line noise filter, judging by the 125 V, 6 Amp, 50/60 Hz rating. The other part says that it would take a peak voltage of 1000 VAC for 1 minute, if I interpret correctly. Perhaps one of our other readers can help on this...

**ANSWER:** Yes, that's correct. The noise filter is designed to protect your equipment from voltage surges and spikes. The peak voltage rating indicates that it can handle a high voltage transient for a short duration without sustaining any damage. If it manages to survive a 1000 VAC surge for 1 minute, it's likely to be rated for higher voltages and can handle a variety of noise conditions. If you're unsure about its capabilities, consult the manufacturer's specifications or seek advice from one of your fellow hams.

**QUESTION:** Is there an antenna on the earth which is good for FM which can be made for under $10?

**ANSWER:** Yes, there are several options for a simple antenna that can perform well for FM reception. One popular choice is a dipole antenna, which consists of two parallel conductors that are electrically connected at both ends. Although it's simple to construct, it's not as effective as more complex antennas. A more effective option is a bow-tie antenna, which is a folded dipole that provides better performance and is easier to install. Both of these antennas can be constructed for under $10 with basic materials.

---

**Tips on the Half-Breed Crystal Set...**

By Ray Cole

After building four of these, I have found some useful tips for builders.

Some variable capacitors have a low maximum capacity. If you happen to have these, wind 60 turn coils - you can always ignore some turns if necessary, from each end - not from the center between the windings. Maximum antenna is 12'. Any addition seriously overloads and destroys the selectivity and regeneration control. 8' is the optimum.

---

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Musings of the Members

BEN DANGREFIELD - 202 GOVERNOR DIFV - WALLOWA, OR 97881
I believe the last time I MUSEd was on my return from Portugal in Feb. Well, since then, we have been to Costa Rica [in March], Sierra Nevada [in May], Birmingham, AL [in June], Savannah, GA [in July]. My postcard from the W2CIV contest last June was received by no less than 345 QSOs. So much for the Christmas cards.

Dave Schmidt
P. O. Box 11502
Wilmingtont, DE 19898-1502

Times are local per MUSE.

Thoughts from NRC members... the opinions expressed in this column are those of the individual writer and do not necessarily reflect those of the editors, publishers, or the National Radio Club, Inc.

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