



DX NEWS

*the magazine of the
National Radio Club*

— SINCE 1933 —

VOLUME 53 ISSUE 4 October 28, 1985

DECALCOMANIA Get-To-Gether Nov 1,2,3 6pm Fri till ?? Sunday. Riverfront Holiday Inn in Covington KY. Opened to all radio types and interests. Hotel Tele # is 606-291-4300 for reservations, DO NOT CALL THE HOTEL ABOUT GTG INFO, for that information call Roger Hoppe, Jr. at 313-254-9328 or call Paul Mount (home)201-836-1682 0200-0400 UTC (work)201-386-2206.

Back into the Lake Yep, Mike is back into the lake due to him losing the DDXD column for this issue. He claims the dog ate it..... Hmmm. Also the AM Switch column is not present this issue due to Jerry on Vacation.

Tip Trader List Paul Mount is making the last minute changes and updates to the list prior to it being sent here for printing. If your name was on it last year and have changes to it, get those changes to Paul by November 10th. Those of you who would like to get a phone call from a Tip Trader caller on a hot test or unusual conditions that may help add stations to your totals, then get your name, telephone number, and "preferred times to call" into Paul by November 10th. Write Paul at: 471 Emerson Ave., Teaneck, NJ 07666.

Radio DataBase International We've been getting a couple of inquiries lately on where to get the books. We saw them advertised in **The Shortwave Guide** (424 W. Jefferson St., Media, PA 19063). The only other place that we know of would be Fred Osterman, (Universal Radio, 1280 Aids Drive, Reynoldsburg, OH 43068) they were in his catalog, otherwise write to RDI themselves.

ODDX Club Old Dominion DX'ers (ODDX) Club is looking for more members to join their Club. The mainly SWL club serves southwestern Virginia and northeast North Carolina. For Club information and/or a sample newsletter send an SASE to: ODDX Club HQ, 625 Charleotte Drive, Virginia Beach, VA 23464 And tell them you saw them mentioned in DX NEWS.

Radio West now does "Schottky Diode" Receiver Modifications. According to Jim in the October Garage Sale List, put out by Radio West, for US\$35 (inc. AM/SSE Diodes in Communication Receivers) and US\$25 (AM Only in Portables). Jim says that replacing those cheap production diodes will clean up the noise generated by those diodes that makes weak station reception difficult. For more information on getting this modification done, write: Radio West, 3417 Purer Road, Escondido, CA 92025, or call them at 619-741-2891.

Also in the mail came word from Gilfer that the 1986 WRTVH is available as well as "Radio Receiver - Chance or Choice", "World Broadcast Station Address Book - 5th Edition". write to Gilfer and ask them to send you the details! Gilfer, Box 239, Park Ridge, NJ 07656 or call 201-391-7887

CPC TEST Times listed are Eastern Time

Nov.11 WMGO Canton MS 1370KHz 0400-0430 Program will consist of tones, music, voice and
Monday Morse Code IDs. Reports to Mr. Gene Dow, Executive VP, WMGO Radio, Box 182,
Canton, MS 39046 Arranged for the NRC by Wayne Heinen.

LOOK INSIDE:

2.....Stn Addr Changes	5.....Sports Networks	5.....AFR Graph
6.....Stn Profile - WV01	8.....GYDXA	12.....Filters-2
18.....Musings	23.....HAP Page	24.....Your Name!

RADIO EARTH CAN BE HEARD ON 11.790 SUNDAYS FROM 1800-2100 UTC

Listen to HCJB "DX Partyline", 0230 UTC Saturday night, for the "AM Interlude" Program with Wayne Heinen.

2 STATION ADDRESS CHANGES

Jerry Starr, c/o WHOT Radio, 401 N. Blaine Ave., Youngstown, OH 44505

This list of changes takes care of all of CANADA & PUERTO RICO.

== CANADA ==

540	CJSB ON OTTAWA	1504 MERIVALE ROAD K2E 6Z5
540	CBEF ON WINDSOR	267 PELISSIER N9A 4K5
540	CBK SA WATROUS	1840 McINTYRE STREET, REGINA, SA S4P 2R1
550	CHNO ON SUDBURY	P3E 4R9
550	CHLN PQ TROIS-RIVIERES	G9A 5G8
570	CJEM NB EDMUNDSTON	174 CHURCH STREET E3V 1K2
570	CKSW SA SWIFT CURRENT	BOX 570
570	CFWH YT WHITEHORSE	Y1A 1E5
580	CJFX NS ANTIGONISH	B2G 9Z9
590	VOCM NF ST. JOHNS	A1B 3P5
600	CJOR BC VANCOUVER	840 HOWE STREET V6Z 1N4
600	CBNA NF ST. ANTHONY	BOX 5490
600	CFCT NWTUKTOYAKTUK	BOX 120
600	CFCH ON NORTH BAY	BOX 3000
610	CHTM MB THOMPSON	R8N 1S4
610	CKML PQ MONT-LAURIER	332 De La MADONE J9L 1R9
610	CKRW YT WHITEHORSE	203-2103 FOURTH AVENUE
620	CFRP PQ FORESTVILLE	300 PUYJALON G5C 2Z7
630	CFBK ON HUNTSVILLE	BOX 820
630	CHLT PQ SHERBROOKE	J1J 3Z5
660	CFPR AB CALGARY	BOX 660, STATION M T2P 3Z2
670	CHYQ NF MUSGRAVETOWN	See CJYQ-930
680	CIYQ NF GRAND FALLS	A2A 2M4
690	CBU BC VANCOUVER	700 HAMILTON STREET V6B 2R5
730	CKGA NF GANDER	BOX 620
730	CJNR ON BLIND RIVER	15 CHARLES WALK P5A 2A2
740	CBNM NF MARYSTOWN	BOX 5490
790	CFCW AB CAMROSE	4752 99th STREET T6E 5H5
790	CFNW NF PORT AUX CROIS	See CFCB-570
790	CKSO ON SUDBURY	336 PINE STREET
800	VQWR NF ST. JOHNS	A1E 3Y5
800	CKLW ON WINDSOR	BOX 400 N9A 6M4
800	CHRC PQ QUEBEC	2136 CHEMIN STE. FOY G1V 1R8
810	CHQR AB CALGARY	T2G 0P6
810	CKJS MB WINNEPEG	191 LOMBARD AVENUE R3B 0X1
850	CKRD AB RED DEER	BOX 5555 T4N 5H6
860	CFPR BC PRINCE RUPERT	346 STILES PLACE V8J 3S5
860	CFNS SA ** See note #3 **	Same as CBK-540
900	CJVI BC VICTORIA	817 FORT STREET
900	CKDH NS AMHERST	32 CHURCH STREET B4H 3A8
900	CJER PQ ST. JEROME	52 LeGAULT STREET J7Z 2E8
910	CFSX NF STEPHENVILLE	251 OREGON DRIVE A2N 2X9
920	CJCJ NB WOODSTOCK	E0J 2B0
920	KCYO ON SAULT-STE. MARIE	119 EAST STREET P6A 5M2
940	CJGX SA YORKTON	BOX 9400
960	CKWS ON KINGSTON	170 QUEEN STREET K7K 1B2
970	CBZ NB FREDERICTON	BOX 1530 E3B 5R1
1010	CBR AB CALGARY	T2P 2M7
1050	CKSB MB WINNEPEG	607 LANGEVIN STREET, ST. BONIFACE, MB R2H 2W2
1060	CJRP PQ QUEBEC	C.P. 4200 G1T 2S2
1070	CKST AB ST. ALBERTA	10530 114th STREET T5H 4A6
1090	CHEC AB LATHBRIDGE	401 MAYOR McGRATH DRIVE T1J 4A3
1100	CBD NB ST. JOHN	HILYARD PLACE (see note #2)
1140	CKXL AB CALGARY	T2P 3X5
1150	CHSJ NB ST. JOHN	BOX 2000 E2L 3T4
1150	CKOC ON HAMILTON	73 GARFIELD AVENUE
1170	CFML ON CORNWALL	115 CHEMIN MONTREAL K6H 1B2
1220	CKCW NB MONCTON	BOX 1220 E1C 8R1
1220	CHSC ON ST. CATHARINES	BOX 3020 L2R 7C7
1230	CJOY AB FT. McMURRAY	205-10011 FRANKLIN AVENUE T9H 2K7
1230	CKYR1AB GRANDE CACHE	See CKYR-1450
1230	CIYR AB HINTON	See CJYR-970
1230	CHFC MB CHURCHILL	BOX 160 R3C 2H1
1230	CFLN NF GOOSE BAY	BOX 4000 A0P 1C0
1230	CFGN NF PORT-AUX-BASQUES	BOX 1230
1230	CFLK ON KAPUKASING	BOX 620
1230	CJLB ON THUNDER BAY	BOX 3448, STATION P P7B 5J9
1230	CHVD PQ DOLBEAU	1975 BOULEVARD WALLBERG G8L 1J5

1230	CJSA PQ STE. AGATHE-des-MONTS 3 EST RUE PRINCIPALE J8C 1J2
1240	CFNI BC PORT HARDY V0N 2F0
1240	CJAR MB THE PAS R9L 1R7
1240	CFAK ON ATITOKAN BOX 800 F9A 3N1
1240	CJAF PQ CABANO RIVIERE DuLOUP
1240	CKLS PQ LaSARRE 122 5E AVENUE EST J9Z 211
1240	CJNS SA MEADOW LAKE BOX 1660
1250	CHSM MB STEINBACH BOX 1250, ALTONA, MB
1270	CJCB NS SYDNEY CHARLOTTE STREET
1270	CFGT PQ ALHA G6B 6V5
1290	CJBK ON LONDON 743 WELLINGTON ROAD
1290	CHRM PQ MATANE G4W 1V7
1310	CHGB PQ LaPOCATIERE C.P. 550 G0R 1Z0
1330	CKLD PQ THETFORD MINES G6G 5S3
1340	CILW AB GRAND CENTRE See CHLW-1310
1340	CKCR BC REVELSTOKE BOX 69
1340	CFGB NF HAPPY VALLEY LABRADOR BOX 736 A0P 1E0
1340	CFYK NWTYELLOW KNIFE X0E 1H0
1340	CJLS NS YARMOUTH 222 MAIN STREET
1340	CKRE ON RED LAKE P8A 2Z3
1340	CJAN PQ ASBESTOS J1T 3M9
1340	CFED PQ CHAPAIS TOWN HALL
1340	CBGN PQ STE. ANNE-des-MONTS 155 ST. SACREMENT (also CBGA7)
1340	CKVT PQ TIMISCAMINGUE 3000 VILLA MARIE J0Z 3W0
1350	CKEG BC NANAINO V9S 4M5
1350	CKAD NS MIDDLETON COMMERCIAL STREET
1350	CJLM PQ JOLIETTE J6E 2L5
1360	CJVL PQ STE. MARIE de BEAUCE G6E 3C4
1370	CFLV PQ VILLE DeGELIS VALLEYFIELD J6T 1A9
1370	CFVD PQ ** See note #1 ** C.P. 1370
1380	CKLC ON KINGSTON K7L 4Y5
1390	CFDA PQ VICTORIAVILLE BOX 303
1390	CJCY AB MEDICINE HAT 457 3rd STREET S.E.
1400	CFYR AB WHITECOURT See CJYR-970
1400	CHNL1BC CLEARWATER See CHNL-610
1400	CKRN PQ ROUYN 380 AVENUE MURDOCH J9X 1G5
1420	CKDY NS DIGBY BOX 1420
1420	CJMT PQ CHICOUTIMI 365 RUE RACINE - EST G7H 1S8
1420	CKTL PQ PLESSISVILLE G6L 2Y7
1450	CKYR AB JASPER See CJYR-970
1450	CHET BC CHETWYND 901 102nd AVENUE V1G 2B6
1450	CHAP ON ** See note #1 ** BOX 609 P0T 2A0
1460	CJMH AB MEDICINE HAT BOX 1270 T1A 7H5
1480	CKAN ON NEWMARKET L3Y 4X1
1490	CKMV NB GRAND SAULT See CJEM-570
1490	CBDO NF WABUSH-LABRADOR CITY See CFGB-1340
1490	CFMR NWTFORT SIMPSON BOX 100 X0E 0N0
1490	CKLR PQ L'ANNONCIATION 332 De La MADONE J9L 1R9
1490	CKBM PQ MONTMAGNY 250 BOULEVARD CHAREST EST G1A 3H5
1500	CKAY BC DUNCAN 435 TRUNK ROAD V9L 2P5
1530	CISV MB WINKLER-MORDEN R0G 1J0
1570	CHUB BC NANAINO 22 ESPLANADE V9R 4Y7
1570	CFOR ON ORILLIA 241 WEST STREET NORTH
1570	CKLM PQ MONTREAL 1400 EST ST. MARTIN, LAVAL, PQ H7G 4R8
1580	CBJ PQ CHICOUTIMI 500 RUE DES SAGUENBENS G7H 5E7
1600	CHNR ON SIMCOE N3Y 4K8
1600	CKUT SA ** See note #1 ** WOLLASTON LAKE S0J 3C0

Note #1: Not listed in log. Any info ?

Note #2: Moved here from 1110 Mhz ?

Note #3: Not listed in log. Possibly ex-CBKF2 ?

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980	WPRX	PR	SABENA GRANDE	BOX 1373	00919
930	WEKO	PR	CABC ROJO	BOX 929	00623
950	WPPA	PR	MAYAGUEZ	BOX 1869	00708
1000	WUVI	VI	CHARLOTTE AMALIE ST.	THOMAS BOX 5678	00801
1040	WCXQ	PR	MOCA	182-A BALDORIOY STREET	00714
1120	WMSW	PR	HATILLO	537 MIRAMAR AVENUE	00612
1140	WQII	PR	SAN JUAN	BOX 101	00657
1160	WBDN	PR	BARCELONETA	BOX 761,	MANATI, PR 00701
1190	WXTD	PR	SAN JUAN	1703 FERNANDEZ JUNCOS STATION	00910
1200	WGDJ	PR	LARES	BOX 487	00626
1210	WHQY	PR	SALINAS	BOX H	00751
1230	WNK	PR	ARECIBO	462 JOSE DE DIEGO AVENUE	
1290	WRRR	VI	FREDERIKSTAD ST.	CROIX 72 QUEEN STREET	00840
1320	WUNO	PR	SAN JUAN	BOX 3222	00936
1330	WENA	PR	PENUELAS	BOX 1330	00724
1340	WSTA	VI	CHARLOTTE AMALIE ST.	THOMAS BOX 1340	00801
1360	WCHO	PR	CAMUY	BOX 629	00627
1370	WIVV	PR	VIEQUES	BOX A	00936
1380	WOLA	PR	BARRANQUITAS	BOX 189	99618
1400	WIDA	PR	CAROLINA	203-7 CALLE IGNACIO ARZ.	
1410	WRSS	PR	SAN SEBASTIAN	BETANCES NO. 31	00755
1440	WLRP	PR	SAN SEBASTIAN	BOX 270	00755
1510	WAVB	PR	LUJAS	PUERTO RICO ROAD 101	00667
1540	WBJA	PR	GUAYAMA	BOX 1540	00655
1570	WPPC	PR	PENNELLAS	BOX 350	00731
1580	WGFV	PR	MOROVIS	155 SAN ANTONIO STREET	00917
1590	WXRF	PR	GUAYAMA	BOX 1590	00655

***** CONTRIBUTORS *****

CANADA & PUERTO RICO entries researched by HOWARD KEMP

Sex Remark Interruption

Prankster Spices Up Radio Show

CHICAGO Tribune — As many as a quarter of a million radio listeners got a little extra spice with their morning coffee Wednesday when an electronic bandit broke into the popular Wally Phillips show on WGN Radio and shot off a couple of sexually explicit comments.

"I was stupefied by the whole thing. Nothing like this has ever happened to me anytime, anywhere," said Phillips, after the unexpected signal interruption, which lit up the WGN switchboards with calls from as far away as East St. Louis and Madison, Wis.

Dan Fabian, WGN Radio program director, said station engineers have been noticing attempts at signal tampering for the last three weeks, but Wednesday morning's actual voice override was the first time that the electronic prankster actually cut into a radio broadcast.

"This is highly illegal," said Fabian, who added that station engineers immediately went to work to temporarily change the station's transmission techniques to head off any future air signal piracy.

The interruption occurred at about 9:10 a.m. EDT, when Phillips' broadcast is heard in about six Midwestern states. While Phillips was chatting on the air, a voice, either female or a male imitating a female voice, overpowered his

broadcast and transmitted a brief message, in which the caller bragged of his or her sexual prowess.

Phillips was unaware of the interruption until his switchboard ignited with a "flood" of calls from listeners, many amused and others simply inquiring if they had correctly heard the comments.

At one point, the voice said, "Wally, I hope your engineers don't bleep me out."

"One guy called and said he almost drove off the road," Phillips said. "I was stunned."

Fabian said he hopes the emergency alterations of the station's broadcasting methods by engineers will halt any further interruptions.

"Somebody has a very sophisticated piece of equipment," Fabian said.

He said his engineers think they have figured out how the prank occurred, but hastened to add, "Frankly, we have no intention of telling anyone."

Fabian has a tape of the show, which can be used for evidence if the culprit is found, he said.

Phillips said after his show that he doesn't pretend to understand the electronic intricacies of the entire episode, and offered his own expansion of his mystery guest.

"I guess it's too close to Halloween," he said, philosophically.

AVAILABLE NOW!

Write:

GROVE
Box 98
Brasstown, NC
28902



SPORTS NETWORKS

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

This week -- addenda, hockey, and one football. Your response has been underwhelming. I need flagship, announcers, and network information for any professional football, basketball, hockey, and soccer teams that you have not seen in my column. If it is not in my column, then I have no information yet.

First, addenda from my V. 52 #30 column. Boston Patriots 1590 WASY-NE
Cleveland Browns: 1320 WCLU-KY (not WCIU) 99.9 WVUD-OH 1460 WQLS-OH

Hockey - Chicago Black Hawks: 560 WIND-IL Pat Foley, Dave Talon no network. This holds until December, at which time WIND will be sold and change to Spanish programming. Then 780 WBBM-IL will carry the games.

Kansas City Chiefs (NFL) 1985 Kevin Harlan, Len Dawson, Bill Grigsby

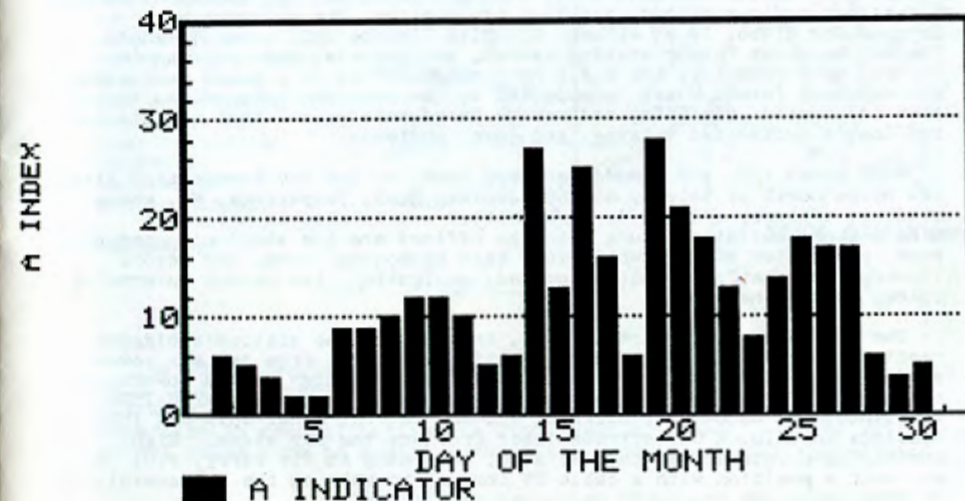
680	KFEQ-MO	1150	KWKY-IA	1280	KC08-IA	1450	KOKO-MO	93.5	KLKC-KS ^c	106.1	KLFQ-KS
690	KGGF-KS	1220	KJAN-IA		KSOK-KS		WMBH-MO	95.9	KAAN-MO		
740	KBOE-IA		KOFO-KS	1290	KWLS-KS	1470	KARE-KS	96.7	KMEH-MO		KCAC-NE ^d
790	KXXX-KS	1230	KLWT-MO	1390	KNCK-KS		KILS-KS		KANS-KS		KSSC-KS ^e
810	KCMO-MO		KFJB-IA	1400	KVFD-IA	1490	KDRO-MO	97.7	KKCA-MO		KEGS-KS ^f
870	KAAN-MO		KTNC-NE		KAYS-KS		KTOP-KS		KAYQ-MO		
900	KFAL-MO	1240	KNEM-MO		KLIN-NE	1510	KANS-KS	103.1	KNDY-KS		
990	KRMO-MO ^a		KBIZ-IA ^b	1410	KCLO-KS	1540	KLKC-KS ^c	103.9	KCHI-MO		
	KAYL-IA		KRZZ-KS ^b	1420	KBTN-MO	1570	KNDY-KS	104.9	KBOE-IA		
1010	KCHI-MO		KIUL-KS		KJCK-KS	1580	KNIM-MO		KTCH-NE		
1060	KLSM-MO	1280	KDKD-MO		KULY-KS	1590	KTCH-NE	105.5	KQSM-KS		

^aThe Chiefs' list has KRMO.^bThe Chiefs' list has old call KAKZ.^cThe Chiefs' list has KLCK.^dThe Chiefs' list has KCAC-FM Lexington, MO; I do not know the frequency.^eThe Chiefs' list has KSSC-FM Pittsburg, KS; I do not know the frequency.^fThe Chiefs' list has KEGS-FM Emporia, KS; I do not know the frequency.

AFR GRAPH

Russ Edmunds, 753 Valley Road, Blue Bell, PA 19422

AFR GRAPH/SEPTEMBER 1985



STATION PROFILE

Tony Fitzherbert, 356 Jackman Avenue, Fairfield, CT 06430

⑥

WVOI - 1520 "Toledo's Hottest Sound".



What 1000 watt radio station broadcasts using twelve towers, at two sites, 20 miles apart.....and, since its 1966 licensing has ID'd with five sets of call letters, and offered its market five dramatically different formats? The answer is "Toledo's Hottest Sound, WVOI". Today, the only black - oriented station in the over 700,000 populated metropolitan Toledo, WVOI offers a 24 hour urban contemporary sound. The station's sales staff has researched that over 11% of the Toledo area population is of Black or Hispanic heritage. And the station is a major - and welcome force in these communities.

WVOI began operations as WTTO, on 1520 kh, in 1966. The 1000 watt full time station began as a rock - Top 40 outlet, hoping to attract listeners from already established WSPD and WOHO - both rockers. The station tried to emulate 50 kw powerhouses in major markets, but to no avail. The studios and offices were located in the then prestigious Commodore Perry Hotel, on the fourth floor. And the transmitter sites were constructed in their present locations. The WTTO call stood for "Toledo" with an extra "T".

The rock format failed to propel WTTO to the top of the ratings, so management decided to change both format and call to country music and WTUU respectively. This change also failed to make 1520 a household word in Toledo, so, in the absence of an all news outlet in Toledo, and inspired by WINS, WCBS, WBBM, and KYW ratings miracles....the WTUU management decided "Why not in Toledo?"...so WANR, for "All News Radio" was born. Alas, WANR, with heavy NBC feed, as well as some local items, met with little success.

WANR was purchased by Hal Gore in the mid 1970's, and the Gore Broadcasting Company changed the call to WGOR. Mr. Gore dropped the news in favor of an all-gospel format, mixing paid religion and gospel music, directed mostly toward Toledo's Black and other ethnic populations. The WGOR call was dropped for the more appropriate WVOI, for "Voice of Inspiration".

Mr. Gore decided to sell WVOI, and Jaco Broadcasting, owners of several midwestern radio stations, acquired the station. The religion was dropped for disco, in an attempt to build listenership among Toledo's Blacks. No other Toledo station served, exclusively, this substantial market. More recently, the disco has been modified to a toned down urban contemporary format. News is supplied by the Sheridan Network. No local news is carried. Contests, and remote broadcasts reveal that the station has indeed cultivated a large, and loyal audience.

WVOI moved from the Commodore Perry Hotel to the day transmitter site, ten miles north of Toledo, at 6695 Jackman Road, Temperence, MI, where studios, offices, and the day transmitter are located in a compact single story building. Along with the offices are the station's control room, production studio, which is a back up control room, and record library. The station is not automated; delightful live talent entertains Toledo around the clock.

The most unusual feature of WVOI, and perhaps the station's biggest handicap, is the station's very directional signal, from two six tower sites. The daytime array consists of six 180 foot high, guyed towers, in trapezoidal formation, to push the signal south, protecting WYFC-1520, Ypsilanti, and WJCO-1510, Jackson, MI, and several other 1510 and 1520 stations in Ohio. A Gates transmitter provides the day signal. Eight monitoring points are at the day site, according to Tim Perry, WVOI CE, who left a position with a cable TV company to take on the responsibility of rebuilding the station's technical facilities.

Twenty miles south of the Temperence location, in Perrysburg, south of Toledo, is the presently unattended night transmitter site. Six 180 foot high towers, in a straight North-South line push the signal north, to protect WSVL-1520, Shelbyville, IN, WKBW, Buffalo, and WCKY, 1530, Cincinnati. The remotely controlled site, for years attended, is in a bean field, adjacent to I-75. A McMartin transmitter provides the night signal, and six monitoring points are at this location. Interestingly, the night signal is heard with difficulty, occasionally in the winter up in Temperence.

The most distant reception report on file with Tim Perry is a report taken during a WKBW silent period by NRC member Kermit Geary of Walnutport, PA. Because of the very directional signal, Tim receives virtually no DX reports, although NRC'er and WCHE CE Dave Schmidt, on a trip to the North Carolina area, noted that WVOI shows up as far south as that area.

On Sunday, the music gives way to a day of gospel music, remotes from local churches, and paid religion. The DJ's get the day off, and a different crew handles the board chores.

In a city with ten AM and FM stations, and with one of the most directional patterns in the U.S., WVOI appears to have met the challenge of developing a loyal audience, and has established itself as an institution in Toledo's substantial ethnic market.



The editor would like to thank WVOI Chief Engineer Tim Perry for his help in the preparation of this WVOI profile. Tim shared freely of his knowledge of the station. He has spent many hours applying his expertise in rehabilitating the WVOI physical plant, and his willingness to set aside time to assist with this profile is deeply appreciated.

GRAVEYARD DX ACHIEVEMENTS

William R. Hale, 9823 N. Meadow, Converse, TX 78109

Totals on 1230, 1240, 1340, 1400, 1450, and 1490 KHz Frequencies

1450 KHZ GRAVEYARD ACHIEVEMENTS

PRIOR TO JAN 1, 1960

DATE OF LAST UPDATE: OCT 13, 1985

WHMA	ANNISTON (AL)	GENE ALLEN	VALLEJO (CA)	2070
WBGO	BESSEMER	GENE ALLEN	VALLEJO	2020
WDIG	DOTHAN	GENE ALLEN	VALLEJO	2160
WFUN	HUNTSVILLE	GENE ALLEN	VALLEJO	1940
WFLY	MUSCLE SHOALS	GENE ALLEN	VALLEJO	1950
WFDW	TALLADEGA	CHARLES MARTIN	SPRINGFIELD GDNS (NY)	950
KAWT	DOUGLAS (AZ)	HANK HOLBROOK	CHEVY CHASE (MD)	1860
KFYX	FLAGSTAFF	CHARLES MARTIN	SPRINGFIELD GARDENS	2440
KNOT	FRESCOTT	GENE ALLEN	VALLEJO	605
KOPD	TUCSON	GENE ALLEN	VALLEJO	765
KUCB	BLYTHE (CA)	ERIC MCINTOSH	INVERCARGILL (NZ)	7813
KDWN	ESCONDIDO	GENE ALLEN	VALLEJO	460
KMYC	MARYSVILLE	GENE ALLEN	VALLEJO	85
KPAL	PALM SPRINGS	GENE ALLEN	VALLEJO	440
KTIP	PORTERVILLE	GENE ALLEN	VALLEJO	235
KFNB	SAN DIEGO	GENE ALLEN	VALLEJO	480
KDB	SANTA BARBARA	ERIC MCINTOSH	INVERCARGILL	7151
KSNA	SANTA MARIA	GENE ALLEN	VALLEJO	245
KROG	SONORA	GENE ALLEN	VALLEJO	100
KVEN	VENTURA	ERIC MCINTOSH	INVERCARGILL	7157
KAGR	YUBA CITY	GENE ALLEN	VALLEJO	75
KG1W	ALAMOSA (CO)	FRANK WHEELER	ERIE (PA)	1373
KYOU	GREELEY	GENE ALLEN	VALLEJO	960
KG1W	TRINIDAD	CHARLES MARTIN	SPRINGFIELD GARDENS	1870
WNAB	BRIDGEPORT (CT)	CHARLES MARTIN	BROOKLYN (NY)	70
WILM	WILMINGTON (DE)	GENE ALLEN	VALLEJO	2515
WOL	WASHINGTON (DC)	FRANK WHEELER	ERIE	293
WMFJ	DAYTONA BEACH (FL)	GENE ALLEN	VALLEJO	2460
WNER	LIVE OAK	GENE ALLEN	VALLEJO	2320
WOCN	MIAMI	GENE ALLEN	VALLEJO	2625
WBSR	PENSACOLA	GENE ALLEN	VALLEJO	2080
WSPB	SARASOTA	GENE ALLEN	VALLEJO	2440
WTHH	TALLAHASSEE	GENE ALLEN	VALLEJO	2240
WGPC	ALBANY (GA)	CHARLES MARTIN	BROOKLYN	955
WBHF	CARTERSVILLE	FRANK WHEELER	ERIE	600
WCON	CORNELIA	FRANK WHEELER	ERIE	527
WKEU	GRiffin	GENE ALLEN	VALLEJO	2160
WMVG	MILLEDGEVILLE	GENE ALLEN	VALLEJO	2235
WRLC	TOCCOA	GENE ALLEN	VALLEJO	2185
KTDH	LIHUE (HI)	ERIC MCINTOSH	INVERCARGILL	5138
KFXD	NAMPA (ID)	CHARLES MARTIN	SPRINGFIELD GARDENS	2565
KPID	PAYETTE	GENE ALLEN	VALLEJO	585
KGKX	SANDPOINT	CHARLES MARTIN	SPRINGFIELD GARDENS	2540
KEEP	TWIN FALLS	GENE ALLEN	VALLEJO	525
KWAL	WALLACE	GENE ALLEN	VALLEJO	730
WEHS	EVANSTON (IL)	CHARLES MARTIN	SPRINGFIELD GARDENS	840
WHFC	CHICAGO	CHARLES MARTIN	SPRINGFIELD GARDENS	840
WKEI	KEWANEE	PETE TAYLOR	DURHAM (NC)	700
WCVS	SPRINGFIELD	FRANK WHEELER	ERIE	513
WASK	LAFAYETTE (IN)	GENE ALLEN	VALLEJO	1905
WAOV	VINCENNES	CHARLES MARTIN	SPRINGFIELD GARDENS	825
KWCR	CEDAR RAPIDS (IA)	GENE ALLEN	VALLEJO	1650
WIAS	OTTUMWA	CHARLES MARTIN	SPRINGFIELD GARDENS	1055
K1CK	REDD OAK	CHARLES MARTIN	SPRINGFIELD GARDENS	1275
KVAK	ATCHISON (KS)	GENE ALLEN	VALLEJO	1470
KWBW	HUTCHINSON	GENE ALLEN	VALLEJO	1330
WLBF	GARDEN CITY	CHARLES MARTIN	SPRINGFIELD GARDENS	1320
WLCK	CAMPBELLVILLE (KY)	GENE ALLEN	VALLEJO	2020
WMXL	MANCHESTER	FRANK WHEELER	ERIE	395
WPAD	PADUCAH	GENE ALLEN	VALLEJO	1850
KSIG	CROWLEY (LA)	GENE ALLEN	VALLEJO	1810
WTIX	NEW ORLEANS	ERIC MCINTOSH	INVERCARGILL	8210
WRKD	ROCKLAND (ME)	FRANK WHEELER	ERIE	564
WTBO	BALTIMORE (MD)	CHARLES MARTIN	BROOKLYN	185
WTBO	CUMBERLAND	FRANK WHEELER	ERIE	205
WMAS	SPRINGFIELD (MA)	FRANK WHEELER	ERIE	369
WATZ	ALPENA (MI)	GENE ALLEN	VALLEJO	2070
WELL	BATTLE CREEK	CHARLES MARTIN	SPRINGFIELD GARDENS	745
WMBC	DETROIT	CHARLES MARTIN	SPRINGFIELD GARDENS	665
WMIQ	IRON MOUNTAIN	FRANK WHEELER	ERIE	461
WIBM	JACKSON	FRANK WHEELER	ERIE	231
WCLA	LUDINGTON	GENE ALLEN	VALLEJO	1920
WMLS	PORT HURON	FRANK WHEELER	ERIE	132
KATE	ALBERT LEA (MN)	FRANK WHEELER	ERIE	687
KBJM	SEMIDJI	GENE ALLEN	VALLEJO	1550
MELY	ELY	GENE ALLEN	VALLEJO	1690
KFAM	ST. CLOUD	FRANK WHEELER	ERIE	738
WLOX	BILOXI (MS)	ERIC MCINTOSH	INVERCARGILL	8280
WROX	CLARKSDALE	GENE ALLEN	VALLEJO	1800
WJXN	JACKSON	FRANK WHEELER	ERIE	871
WTOK	MERIDIAN	GENE ALLEN	VALLEJO	1945
WNAT	NATCHEZ	GENE ALLEN	VALLEJO	1820
WROB	WEST POINT	GENE ALLEN	VALLEJO	1915
WMBH	JOPLIN (MO)	GENE ALLEN	VALLEJO	1530
KOKO	WARRENSBURG	FRANK WHEELER	ERIE	743
KRBM	BOZEMAN (MT)	GENE ALLEN	VALLEJO	790
KUDI	GREAT FALLS	ERIC MCINTOSH	INVERCARGILL	8095
KXLL	MISSOULA	GENE ALLEN	VALLEJO	745
KBRL	MC COOK (NE)	CHARLES MARTIN	SPRINGFIELD GARDENS	260
KBNE	BOULDER CITY (NV)	GENE ALLEN	VALLEJO	445

KGIX	LAS VEGAS	CHARLES MARTIN	SPRINGFIELD GARDENS	2485
KONE	RENO	GENE ALLEN	VALLEJO	165
WKXL	CONCORD (NH)	FRANK WHEELER	ERIE	430
WFPG	ATLANTIC CITY (NJ)	CHARLES MARTIN	SPRINGFIELD GARDENS	100
WCTC	NEW BRUNSWICK	FRANK WHEELER	ERIE	320
KLOBS	ALBUQUERQUE (NM)	ERIC MCINTOSH	INVERCARGILL	7707
KSPS	ARTESIA	GENE ALLEN	VALLEJO	1070
KLMX	CLAYTON	RON SCHILLER	MONMOUTH BEACH (NJ)	1600
KOBE	LAS CRUCES	GENE ALLEN	VALLEJO	970
KEMM	PORTALES	GENE ALLEN	VALLEJO	1100
WMSG	GLENS FALLS (NY)	CHARLES MARTIN	SPRINGFIELD GARDENS	100
WHDL	OLEAN	FRANK WHEELER	ERIE	82
WKIP	POUGHKEEPSIE	CHARLES MARTIN	SPRINGFIELD GARDENS	675
WHDL	TUPPER LAKE	CHARLES MARTIN	SPRINGFIELD GARDENS	205
WGNL	GASTONIA (NC)	GENE ALLEN	VALLEJO	2295
WBKF	HENDERSONVILLE	GENE ALLEN	VALLEJO	2290
WBUI	LEXINGTON	GENE ALLEN	VALLEJO	2340
WHIT	NEW BERN	FRANK WHEELER	ERIE	513
WEED	ROCKY MOUNT	GENE ALLEN	VALLEJO	2460
KLPM	MINOT (ND)	CHARLES MARTIN	SPRINGFIELD GARDENS	1690
KWMB	WILLISTON	RALPH PERRY	FAIRFIELD (CT)	1450
WJER	DOVER (OH)	FRANK WHEELER	ERIE	123
WMDH	HAMILTON	GENE ALLEN	VALLEJO	2040
WIBR	STUBENVILLE	CHARLES MARTIN	SPRINGFIELD GARDENS	435
KMHW	ALTUS (OK)	CHARLES MARTIN	SPRINGFIELD GARDENS	1650
KGFF	SHAWNEE	CHARLES MARTIN	SPRINGFIELD GARDENS	1450
KWRO	COQUILLE (OR)	DON KASKEY	OMAHA (NE)	1440
KORE	EUGENE	CHARLES MARTIN	SPRINGFIELD GARDENS	2740
KFLW	KLAMATH FALLS	GENE ALLEN	VALLEJO	410
KLBM	LA GRANDE	FRANK WHEELER	ERIE	1886
KSRV	ONTARIO	GENE ALLEN	VALLEJO	505
KXL	PORTLAND	CHARLES MARTIN	SPRINGFIELD GARDENS	2730
WEDEH	ERIE (PA)	CHARLES MARTIN	SPRINGFIELD GARDENS	385
WFR	FRANKLIN	FRANK WHEELER	ERIE	50
WDAD	INDIANA	CHARLES MARTIN	SPRINGFIELD GARDENS	345
WPAM	POTTSVILLE	GENE ALLEN	VALLEJO	2495
WUSN	CHARLESTON (SC)	ERIC MCINTOSH	INVERCARGILL	8798
WCRS	GREENWOOD	GENE ALLEN	VALLEJO	2255
WSPA	SPARTANBURG	CHARLES MARTIN	SPRINGFIELD GARDENS	675
WLAR	ATHENS (TN)	FRANK WHEELER	ERIE	820
WAGC	CHATTANOOGA	GENE ALLEN	VALLEJO	2070
WHFT	CLINTON	CHARLES MARTIN	SPRINGFIELD GARDENS	835
WDSG	DYERSBURG	GENE ALLEN	VALLEJO	1825
WCRK	MORRISTOWN	GENE ALLEN	VALLEJO	2160
WNSN	MURFREESBORO	GENE ALLEN	VALLEJO	1990
KRBC	ABILENE (TX)	CHARLES MARTIN	SPRINGFIELD GARDENS	1835
KRIC	BEAUMONT	GENE ALLEN	VALLEJO	1715
KBEN	CARRIZO SPGS	GENE ALLEN	VALLEJO	1470
KDNT	DENTON	GENE ALLEN	VALLEJO	1460
KCTI	GONZALES	GENE ALLEN	VALLEJO	1560
KSAM	HUNTSVILLE	GENE ALLEN	VALLEJO	1615
KMBL	JUNCTION	GENE ALLEN	VALLEJO	1405
KCYL	LAMPASAS	GENE ALLEN	VALLEJO	1460
KMNT	MARSHALL	GENE ALLEN	VALLEJO	1635
KNET	PALESTINE	CHARLES MARTIN	SPRINGFIELD GARDENS	1585
KTAP	SAN ANTONIO	CHARLES MARTIN	SPRINGFIELD GARDENS	1820
KSNY	SNYDER	GENE ALLEN	VALLEJO	1265
KTFB	TEXARKANA	GENE ALLEN	VALLEJO	1650
KVOU	UVALDE	GENE ALLEN	VALLEJO	1450
KURA	MOAB (UT)	GENE ALLEN	VALLEJO	695
KEUB	PRICE	GENE ALLEN	VALLEJO	630
KEYY	PROVO	GENE ALLEN	VALLEJO	595
KDXU	ST. GEORGE	GENE ALLEN	VALLEJO	480
WISA	BRATTLEBORO (VT)	FRANK WHEELER	ERIE	379
WFR	FRONT ROYAL (VA)	GENE ALLEN	VALLEJO	2380
WENZ	HIGHLAND SPGS	FRANK WHEELER	ERIE	351
WREL	LEXINGTON	FRANK WHEELER	ERIE	312
WVVA	MARTINSVILLE	FRANK WHEELER	ERIE	374
KBKW	ABERDEEN (WA)	GENE ALLEN	VALLEJO	630
KBRD	BREHERTON	ERIC MCINTOSH	INVERCARGILL	7710
KCLX	COLFAX	GENE ALLEN	VALLEJO	665
KSEM	MOSES LAKE	GENE ALLEN	VALLEJO	655
KONP	PORT ANGELES	CHARLES MARTIN	SPRINGFIELD GARDENS	2930
KPLY	PLYMOUTH	CHARLES MARTIN	SPRINGFIELD GARDENS	2905
KUJ	WALLA WALLA	CHARLES MARTIN	SPRINGFIELD GARDENS	2710
WHIS	BLUEFIELD (WV)	CHARLES MARTIN	SPRINGFIELD GARDENS	525
WIKS	PARKERSBURG	CHARLES MARTIN	SPRINGFIELD GARDENS	405
WQBC	WEIRTON	CHARLES MARTIN	SPRINGFIELD GARDENS	385
KFTZ	FOND DU LAC (WI)	CHARLES MARTIN	SPRINGFIELD GARDENS	930
WDLB	MARSHFIELD	GENE ALLEN	VALLEJO	1735
WRCD	RICHLAND CENTER	FRANK WHEELER	ERIE	528
KWRL	RIVERTON (WY)	GENE ALLEN	VALLEJO	810
WPBP	MAYAGUEZ (PR)	GENE ALLEN	VALLEJO	3690
CKOK	PENICTON (BC)	GENE ALLEN	VALLEJO	810
CFJR	BROCKVILLE (ON)	FRANK WHEELER	ERIE	164
XECB	ENSENADA (BCN)	GENE ALLEN	VALLEJO	585

1450 KHZ GRAVEYARD ACHIEVEMENTS

BILL HALE
9823 N. MEADOW
CONVERSE, TX 78109

JAN 1, 1960 TO PRESENT
DATE OF LAST UPDATE: OCT 13, 1985

(10)

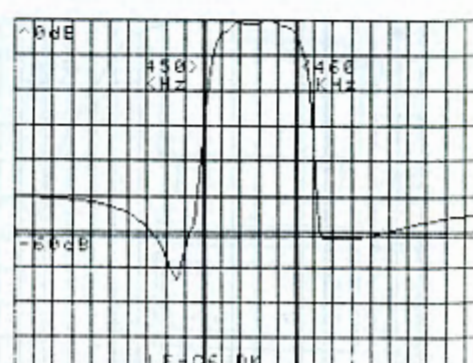
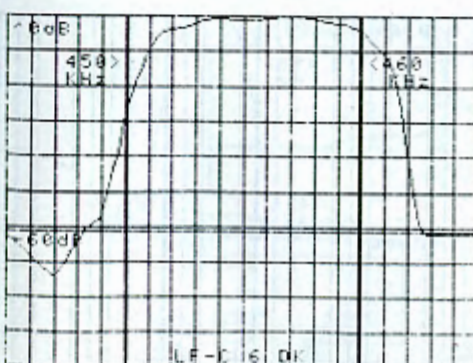
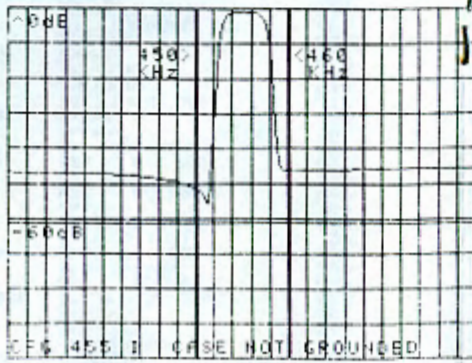
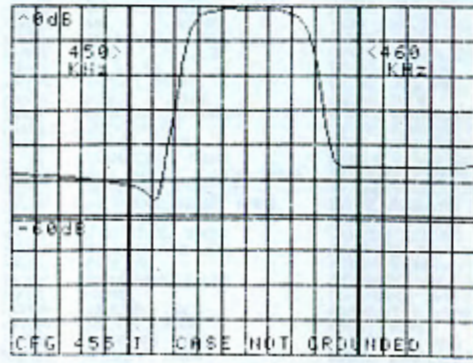
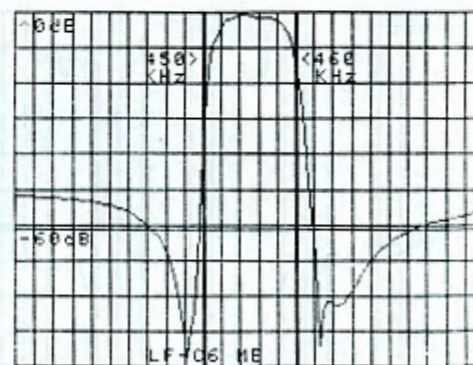
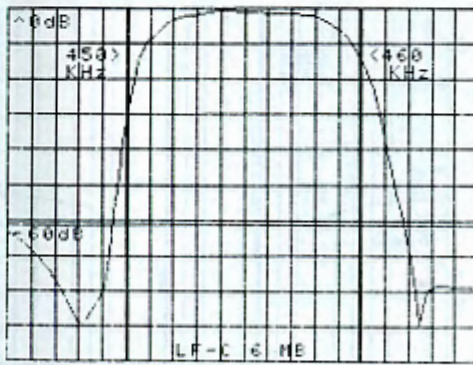
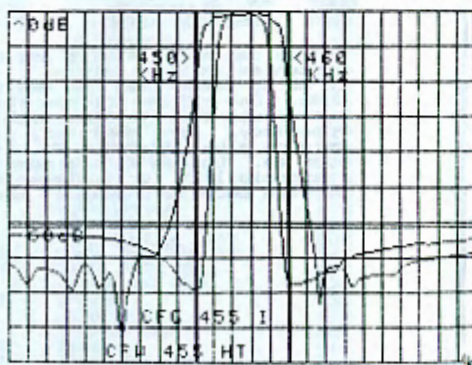
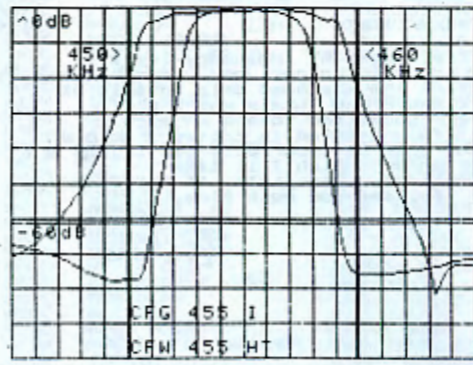
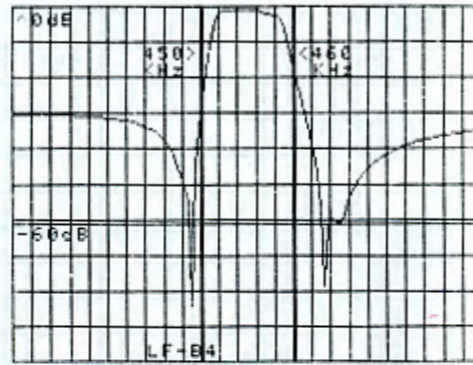
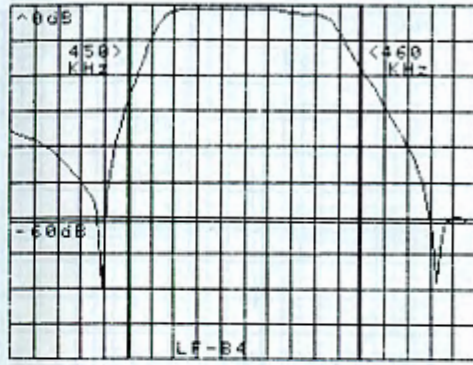
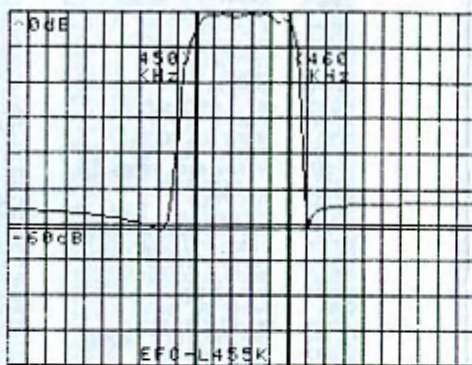
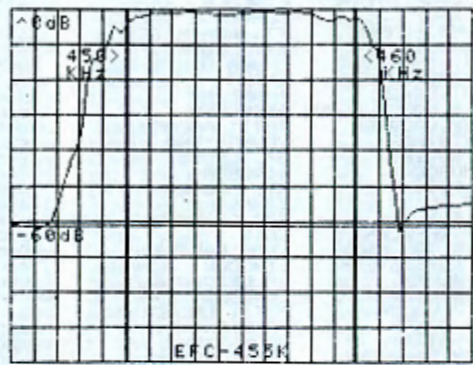
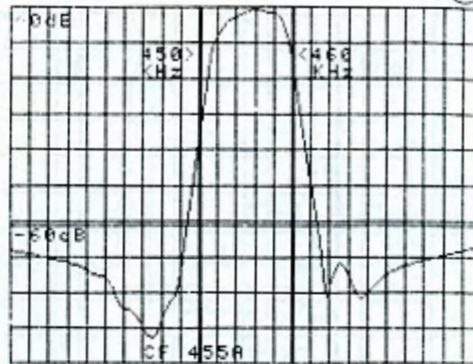
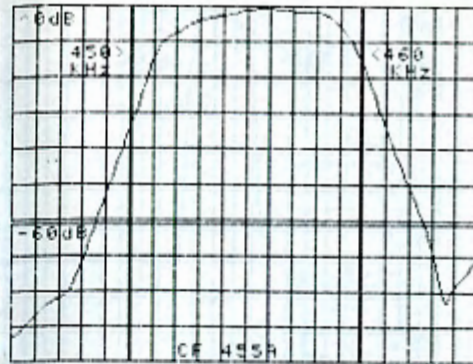
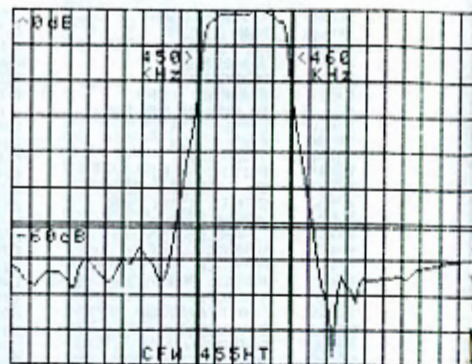
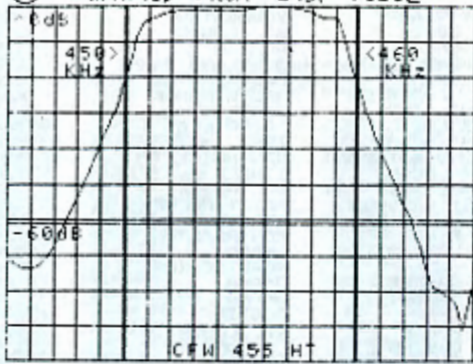
WDNG	ANNISTON (AL)	CARL DABELSTEIN	OVERLAND PARK (KS)	615
WYAH	BESSEMER	BRIAN BURSACK	COLUMBUS (OH)	450
WF16	DOTHAN	ALAN IMPRESCIA	NEW YORK (NY)	910
WF1X	HUNTSVILLE	CARL DABELSTEIN	LINCOLN (NE)	685
WVAY	MUSCLE SHOALS	TIM KERFOOT	WESTON (ON)	780
KDAP	DOUGLAS (AZ)	GENE ALLEN	VALLEJO (CA)	870
KNOT	PRESCOTT	JIM HILLIKER	ANAHEIM (CA)	319
KVSL	SHOW LOW	ROBERT KRAMER	CHICAGO (IL)	1325
KOPD	TUCSON	BILL LACKEY	KINGSVILLE (TX)	845
KYOR	BLYTHE (CA)	JIM HILLIKER	ANAHEIM	184
KAVA	BURNEY	MIKE HARDESTER	NAS MIRAMAR (CA)	220
KOMN	ESCONDIDO	JIM HILLIKER	ANAHEIM	67
KPAL	PALM SPRINGS	LES CARPENTER	SANDY (UT)	533
KTIP	PORTERVILLE	BILL HARDY	ABERDEEN (WA)	795
KEST	SAN FRANCISCO	NANCY HARDY	ABERDEEN	640
KVML	SONORA	GENE ALLEN	VALLEJO	100
KVEN	VENTURA	RICHARD E. WOOD	HILLO (HI)	2342
KOBO	YUBA CITY	GENE ALLEN	VALLEJO	75
KGIV	ALAMOSA (CO)	CARL DABELSTEIN	OMAHA (NE)	535
KGRE	GREELEY	MORRIS SORENSEN	GOD'S NARROWS (MB)	1210
WNAB	BRIDGEPORT (CT)	FRANK WHEELER	ERIE (PA)	423
WILM	WILMINGTON (DE)	RODNEY VALDRON	PETIT ROCHER (NB)	740
WOL	WASHINGTON (DC)	RODNEY VALDRON	PETIT ROCHER	835
WVJB	BROOKSVILLE (FL)	JERRY STARR	YOUNGSTOWN (OH)	860
WMFJ	DAYTONA BEACH	ANDY RUGG	MONTREAL (PQ)	1210
WSPK	MIAMI	CHRIS LUCAS	FAIRFIELD (CT)	1130
WBSR	PENSACOLA	CARL DABELSTEIN	LINCOLN	890
WSPB	SARASOTA	ALAN IMPRESCIA	NEW YORK	1045
WCON	CORNELIA (GA)	CARL DABELSTEIN	LINCOLN	850
WVVG	MILLEDGEVILLE	RON MUSCO	WINDSOR (CT)	850
WQGT	SAVANNAH	RUSS EDMUNDS	PARSIPPANY (NJ)	720
KBFI	BONNERS FERRY (ID)	GENE ALLEN	VALLEJO	800
KVSI	MONTPELIER	LES CARPENTER	SANDY	157
KEEP	THIN FALLS	JIM HILLIKER	ANAHEIM	626
WUON	CICERO (IL)	CHRIS LUCAS	FAIRFIELD	755
WKEI	KEMANEE	PETE TAYLOR	DURHAM (NC)	700
WCVS	SPRINGFIELD	RUSS EDMUNDS	PARSIPPANY	825
WVWV	JEFFERSONVILLE (IN)	STEVEN MILLER	BOSTON (MA)	855
WASK	LAFFAYETTE	HARRY HAYES	THORNHURST (PA)	580
WAOV	VINCENNES	RICH EDDIE	ST. LOUIS (MO)	150
KLMM	CEDAR RAPIDS (IA)	TIM KERFOOT	WESTON	650
KWBM	HUTCHINSON (KS)	CARL DABELSTEIN	OMAHA	265
KWBM	HUTCHINSON	DAVE MARGRITZ	OMAHA (NE) (TIE)	265
WTCO	CAMPBELLVILLE (KY)	JERRY STARR	YOUNGSTOWN	360
WVXL	MANCHESTER	JERRY STARR	YOUNGSTOWN	260
WPAD	PADUCAH	RICK CARR	AUSTIN (TX)	700
WLKS	WEST LIBERTY	JERRY STARR	YOUNGSTOWN	245
KNOC	NATCHITOCHES (LA)	CARL DABELSTEIN	OMAHA	685
WLKN	LINCOLN (ME)	RODNEY VALDRON	PETIT ROCHER	220
WRKD	ROCKLAND	RODNEY VALDRON	PETIT ROCHER	305
WXIV	SOUTH PARIS	RODNEY VALDRON	PETIT ROCHER	340
WTBO	CUMBERLAND (MD)	RODNEY VALDRON	PETIT ROCHER	860
WTHJ	THURMONT	JERRY STARR	YOUNGSTOWN	220
WMA5	SPRINGFIELD (MA)	GEORGE WALTON	EASTON (PA)	370
WATZ	ALPENA (MI)	RICH EDDIE	ST. LOUIS	570
WHTC	HOLLAND	CARL DABELSTEIN	OMAHA	515
WIBM	JACKSON	RON MUSCO	WINDSOR	580
WNBV	WENBERRY	RUSS EDMUNDS	PARSIPPANY	675
WLS	FORT HARRON	RON MUSCO	WINDSOR	605
KBUN	BEMIDJI (MN)	GARY ATKINS	LOUISVILLE (KY)	805
KBWV	BRECKENRIDGE	MORRIS SORENSEN	LEAF RAPIDS (MB)	735
KCLD	ST. CLOUD	MORRIS SORENSEN	LEAF RAPIDS	675
WROX	CLARKSDALE (MS)	ANDY RUGG	WATERLOO (ON)	820
WOKK	MERIDIAN	CARL DABELSTEIN	OMAHA	730
WNAT	NATCHEZ	BILL LACKEY	KINGSVILLE	455
WROB	WEST POINT	JERRY STARR	YOUNGSTOWN	685
KFTW	FREDERICKTOWN (MO)	CARL DABELSTEIN	OMAHA	410
WMBH	JOPLIN	JERRY ROBERTSON	CROSWELL (MI)	680
KIRX	KIRKSVILLE	CARL DABELSTEIN	OMAHA	185
KOKO	WARRENSBURG	PAUL MOUNT	TEANECK (NJ)	1055
KWPM	WEST PLAINS	TOM SUNDSTROM	WILLINGBORO (NJ)	960
KXXL	BOZEMAN (MT)	RICK CARR	AUSTIN	1280
KUDI	GREAT FALLS	CARL DABELSTEIN	OMAHA	845
KGMY	MISSOULA	GENE ALLEN	VALLEJO	745
KRBN	RED LODGE	GENE ALLEN	VALLEJO	840
KVCK	WOLF POINT	GENE NIX	BILLINGS (MT)	215
KWBE	BEATRICE (NE)	CARL DABELSTEIN	OMAHA	80
KWBE	BEATRICE	DAVE MARGRITZ	OMAHA	80
KONE	RENO (NV)	LES CARPENTER	EL TORO (CA) (TIE)	425
WKXL	CONCORD (NH)	RODNEY VALDRON	PETIT ROCHER	430
WVPG	ATLANTIC CITY (NJ)	ROBERT KRAMER	CHICAGO	715
WCTC	NEW BRUNSWICK	RODNEY VALDRON	PETIT ROCHER	665
KRZY	ALBUQUERQUE (NM)	DAVE MARGRITZ	OMAHA	740
KLMX	CLAYTON	JERRY STARR	HUBBARD (OH)	935
WCLI	CORNING (NY)	CHRIS LUCAS	ITHACA (NY)	35
WNMC	GLENS FALLS	MORRIS SORENSEN	ENSDALE (ON)	400
WHDL	OLEAN	RUSS EDMUNDS	PARSIPPANY	240
WKIP	POUGHKEEPSIE	RODNEY VALDRON	PETIT ROCHER	580
WKAL	ROME	RICHARD WATERMAN	SOUTHWICK (MA)	170
WATA	BOONE (NC)	ROBERT KRAMER	CHICAGO	505
MVH	HENDERSON	ANDY RUGG	MONTREAL	695
WFB5	SPRING LAKE	JERRY STARR	YOUNGSTOWN	430
KGCA	RUGBY (ND)	CARL DABELSTEIN	LINCOLN	530

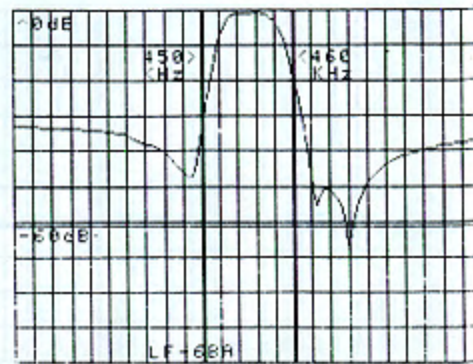
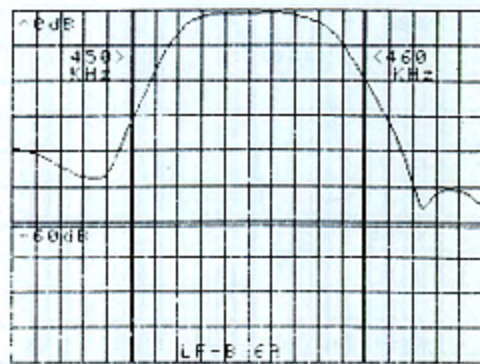
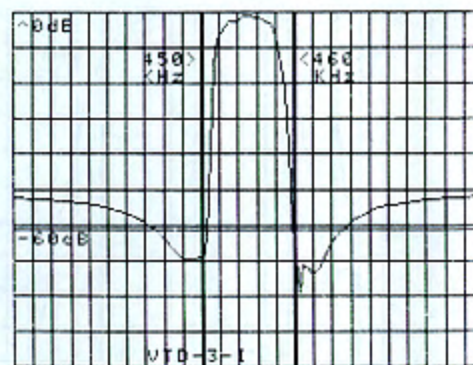
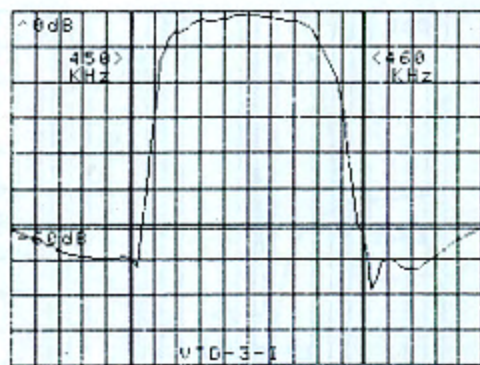
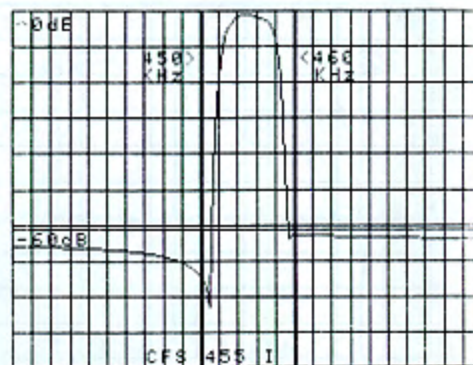
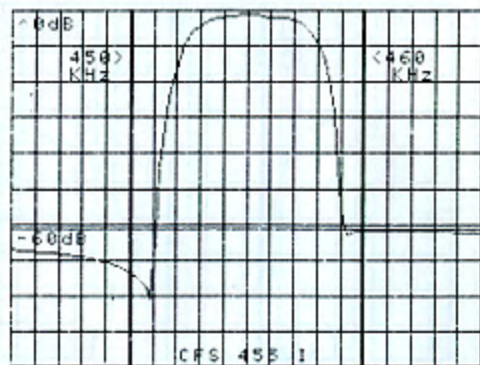
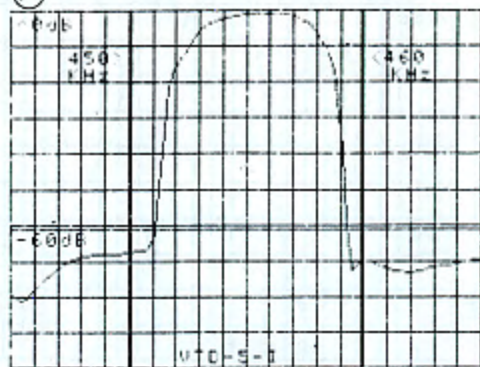
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WJER	DOVER (OH)	JERRY STARR	YOUNGSTOWN	55
WMDH	HAMILTON	RICH EDDIE	ST. LOUIS	310
KWHH	ALTUS (OK)	RICK CARR	AUSTIN	315
KGFF	SHAWNEE	CARL DABELSTEIN	OVERLAND PARK	275
KSIW	WOODWARD	RICK CARR	BLOOMINGTON (IL)	620
KEED	EUGENE (OR)	MIKE HARDESTER	NAS MIRAMAR	460
KFLS	KLAMATH FALLS	JIM HILLIKER	ANAHEIM	611
WVGO	ERIE (PA)	CHRIS LUCAS	FAIRFIELD	360
WFRA	FRANKLIN	CHRIS LUCAS	TROY (NY)	330
WVAD	INDIANA	RICHARD WATERMAN	SOUTHWICK	320
WPAW	POTTSVILLE	CHRIS LUCAS	ITHACA	120
WMPT	S. WILLIAMSPORT	RICHARD WATERMAN	SOUTHWICK	215
WMAJ	STATE COLLEGE	RODNEY VALDRON	PETIT ROCHER	770
WJPA	WASHINGTON	BILL REGAN	SYRACUSE (NY)	295
WQSN	CHARLESTON (SC)	ANDY RUGG	MONTREAL	930
WHSC	HARTSVILLE	CARL DABELSTEIN	OMAHA	1000
WVBY	MYRTLE BEACH	DAVE FOX	READING (PA)	500
KBFS	BELLE FOURCHE (SD)	CARL DABELSTEIN	OMAHA	465
KYNT	YANKTON	DAVE MARGRITZ	OMAHA	120
WMOO	CHATTANOOGA (TN)	RICK CARR	AUSTIN	800
WDSG	DYERSBURG	RICH EDDIE	ST. LOUIS	225
WMSG	GREENEVILLE	CARL DABELSTEIN	LINCOLN	805
WMSN	MURFREESBORO	CARL DABELSTEIN	LINCOLN	645
KAYC	BEAUMONT (TX)	ERIC MCINTOSH	INVERCARGILL (NZ)	8026
KBEN	CARRIZO SPGS	CARL DABELSTEIN	LINCOLN	645
KCTI	GONZALES	BILL HALE	CONVERSE (TX)	47
KCYL	LAMPASAS	STEPHEN PONDER	FT. WORTH (TX)	140
KNET	PALESTINE	RICH EDDIE	ST. LOUIS	620
KSNY	SNYDER	BRETT HANAVAN	CHULA VISTA (CA)	1055
KURA	MOAB (UT)	CARL DABELSTEIN	OMAHA	730
KEYY	PROVO	JIM HILLIKER	ANAHEIM	558
KDXU	ST. GEORGE	BILL & NANCY HARDY	ABERDEEN	860
WNSO	BARRE (VT)	RODNEY VALDRON	PETIT ROCHER	410
WMMJ	BRATTLEBORO	JERRY STARR	YOUNGSTOWN	430
WFRJ	FRONT ROYAL (VA)	RICH EDDIE	ST. LOUIS	645
WNWZ	HIGHLAND SPGS	RON MUSCO	WINDSOR	390
WREL	LEXINGTON	RICH EDDIE	ST. LOUIS	600
WFOG	SUFFOLK	CHRIS LUCAS	ITHACA	400
KAYE	PUYALLUP (WA)	PETE TAYLOR	SAN FRANCISCO (CA)	675
WPAR	PARKERSBURG (WV)	FRANK WHEELER	ERIE	210
KFIZ	FOND DU LAC (WI)	MORRIS SORENSEN	LEAF RAPIDS	1055
WDLB	MARSHFIELD	CARL DABELSTEIN	LINCOLN	410
KBBS	BUFFALO (WY)	GENE ALLEN	VALLEJO	930
KVOW	RIVERTON	CARL DABELSTEIN	LINCOLN	610
CBG	GANDER (NF)	RODNEY VALDRON	PETIT ROCHER	510
CFAB	WINDSOR (NS)	FRANK DAILY	PRESTON (CT)	475
CFJR	BROCKVILLE (ON)	JERRY STARR	YOUNGSTOWN	360
CHJC	PORT HOPE	RODNEY VALDRON	PETIT ROCHER	660
CBJM	CAUSAPSAL (PQ)	ANDY RUGG	MONTREAL	240
CHEF	GRANBY	ANDY RUGG	WATERLOO	410
CHRT	ST. ELEUTHERE	RODNEY VALDRON	PETIT ROCHER	165
XESS	ENSENADA (BCN)	RICHARD E. WOOD	HILLO	3129

As you can see, 1450 is one of the longer 6Y frequency lists presented in this column. 1490 is next, so get your contributions to me no later than two weeks after the masthead date on this DX NEWS. One column follows that...the Grand Totals where ALL contributors are listed with their submitted totals on each frequency. As a reminder, all info presented is copied from old columns plus updates. So, if the info is incorrect, don't jump all over me. Unless it's a computer error (which I'll take responsibility for), please be patient. Especially if the data was printed once before as it was!! So, see you next time.

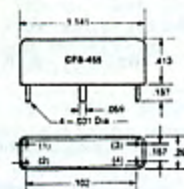
73.
Bill



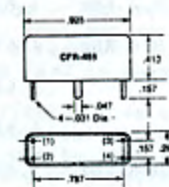


CPS 455 J

CPS 455 I

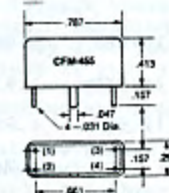


CPJ 455 K5



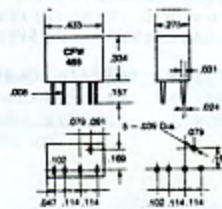
LP-C2A

LP-C6A



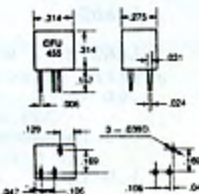
CP 455A

CPW 455 HT

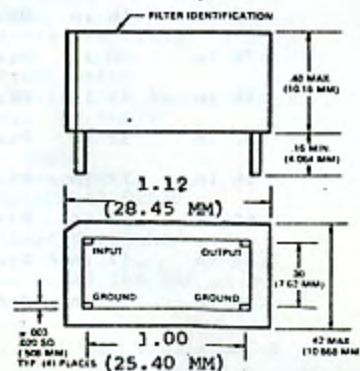


LF-B6A

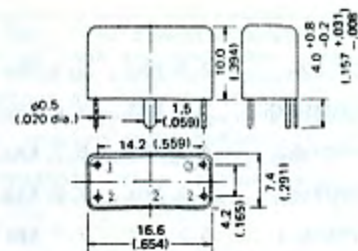
LF-B4A



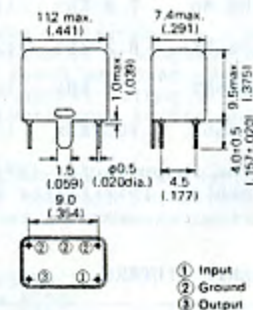
VTD-5-1



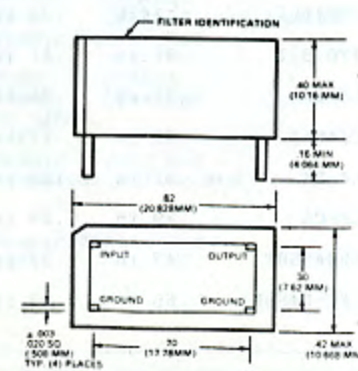
EPC-L455 K



CPG 455 I



VTD-3-1



CERAMIC FILTERS ----- SPECIFICATIONS

NAME	-6dB	-40dB	-60dB	-70dB	S P	STOPBAND
LP-C2A	2.5 KHz	3.9 KHz	4.2 KHz	4.5 KHz	1.68	59dB
CPJ455K5	3.0 KHz	3.8 KHz	4.2 KHz		1.40	64dB
CPS455J	4.25KHz	6.5 KHz	6.9 KHz	7.2 KHz	1.62	72dB
CPG455I	5.1 KHz	7.0 KHz	8.0 KHz	8.6 KHz	1.57	63dB
VTD-5-1	5.1 KHz	7.7 KHz	8.2 KHz		1.61	69dB
CPS455I	5.3 KHz	6.9 KHz	8.0 KHz		1.51	63dB
VTD-3-1	6.2 KHz	8.6 KHz	9.1 KHz	9.8 KHz	1.47	52dB
LP-B6A	6.7 KHz	12 KHz			*	33dB
CP455A	7.0 KHz	11.5KHz	13.9KHz	15 KHz	1.99	67dB
LP-B4	7.7 KHz	12.5KHz	13.9KHz	14.2KHz	1.81	30dB
LP-C6 MB	7.8 KHz	11.2KHz	12.5KHz	12.9KHz	1.60	52dB
LP-C6 DK	8.2 KHz	12.5KHz	14.3KHz		1.74	50dB
CPW455HT	8.6 KHz	12 KHz	14.9KHz	16.3KHz	1.73	67dB
EPC-455K	10.7KHz	13.4KHz	15 KHz		1.40	54dB

* The Shape Factor (SP) is the ratio of the -6dB to -60dB measurements. This filter does not compute.

CERAMIC FILTERS ----- DIMENSIONS

NAME	CASE		LEADS		CASE
	LENGTH	WIDTH	LENGTH	WIDTH	
LP-C2A	.79 in	.29 in	.66 in	.16 in	Metal
CPJ455K5	.92 in	.30 in	.79 in	.16 in	Metal
CPS455J	1.14in	.30 in	1.0 in	.16 in	Metal
CPG455I	.43 in	.275in	.37 in	.17 in	Metal
VTD-5-1	1.11in	.41 in	1.0 in	.30 in	Plastic
CPS455I	1.14in	.30 in	1.0 in	.16 in	Metal
VTD-3-1	.81 in	.41 in	.70 in	.30 in	Plastic
LP-B6A	.32 in	.28 in	.16 in	.17 in	Plastic
CP455A	.43 in	.275in	.33 in	.17 in	Plastic
LP-B4	.32 in	.28 in	.16 in	.17 in	Plastic
LP-C6	.79 in	.29 in	.66 in	.16 in	Plastic
CPW455HT	.43 in	.275in	.33 in	.17 in	Plastic
EPC-L455K	.65 in	.29 in	.56 in	.17 in	Metal

The graphs show that it is possible to get very good performance from ceramic filters. But it is also possible to get extremely poor performance. Some manufacturers have supplied poor performing filters in otherwise good receivers. Cost is the most important factor in their choice of filters.

Your choice of filter depends on your use. For domestic stations I would look for a filter about 5KHz wide at -6dB and less than 10KHz wide at -60dB. These are measured specs from my tests not manufacturer's specs. For foreign or split frequency stations these specifications should be narrower. The CPJ455K5 and CPS455J would be good choices. Narrower filters than these may require modifications to the audio section of the receiver. If your receiver has only one filter position your bet bet may be the CPG455I. This is the smallest quality filter I tested. It has good audio response and stopband, is narrow at -60dB, and is physically small.

If ceramic filters have a weakness it is in their stopband. The stopband on mechanical and crystal filters can be 20 to 30 dB lower. This advantage can be lost if the mechanical or crystal filters are not mounted using good engineering practices.

Most of the filters tested are available for under \$30 from the various suppliers. Spending a great deal more for mechanical filters or a filter mod may give you better selectivity but may also point out other problems in your receiver and put a big dent in your wallet. Refer to the different club publications for reviews of filter mods before spending any money.

Several questions remain unanswered concerning filter choice. How narrow is too narrow? Are there noticeable benefits in a stopband below 60-70dB down? Are there problems with the sharp passband edges of mechanical filters? Do crystal filters have better strong signal handling capabilities? I plan to run some further tests to try and answer some of these questions.

I would like to thank Gerry Thomas, Dennis Kibbe, and Mike Harla for the use of their filters and their valuable comments in helping me prepare this article. I welcome any questions or comments concerning this article.

Marc Bergman
P.O. Box 6286
Oxnard, CA 93031

Suppliers of Ceramic Filters

Filter Type

Circuit Holdings PLC
Park Lane, Broxbourne,
Hertfordshire EN10 7NQ

CPS455J CPG455I
LP-B6A LP-B4
LP-C6 CPW455HT

Gilfers Shortwave
52 Park Ave.
Park Ridge, NJ 07656

LP-C2A CPS455I
LP-C6
Ceramic Filter Mod

Gerry Thomas
POB 2036
Pensacola, FL 32513

CPS455J CPG455I
VTD-3-1 CPM455J1 not tested
Ceramic Filter Mod

MHZ Electronics
3802 North 27th Ave.
Phoenix, AZ 85017

LP-B6 CP455A
LP-B4 CPW455HT
EPC-L455K

Radio West
3417 Purer Rd.
Escondido, CA 92027

Ceramic Filter Mod
Mechanical Filter Mod

Shortwave Horizons
6815 12 Ave.
Edmonton, AB T6K 3J6

Ceramic Filter Mod

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., or its subsidiaries.
Times are local per Muse.

Greetings, as we move into Indian Summer time. DX seems to be picking up for many of you. A reminder of our themes ... #7 will feature Musings from those of you south of the Nason-Dixon line (deadline Nov. 1), #8 (Nov. 8) from NRC'ers north of that famous line and east of the Mississippi River, #9 (Nov. 15) for DX'ers living between the Rockies and the Mississippi, #10 for the rest of the western DX'ers to the west coast, #11 (Nov. 29) for Canadian NRC'ers ... and #12 (Dec. 6) for anyone willing to share his New Year's DX resolutions. /// I just finished recording my first installment of Musings for Fred Vobbe's production of "DX Audio Service", using YOUR contributions to this column. They should appear on the November installment of his tape. I picked a somewhat random selection of Musings ... and if you'd like to find out whether or not your comments were included, you'll have to subscribe to the service! For a sample tape, send \$3.00 (in a check made out to "NRC") to DX Audio Service/Fred Vobbe - 706 McKenzie Avenue - Lima, OH 45805. Even if you don't hear your own comments, the entire program (which also uses some actualities heard on the air) is well worth it. And now, on with it!

Only two Muses this issue from New Englanders ... but it's quality that counts, not quantity - right, Pete and Mark?

Radio Roundup

Greetings all ... Charles Collingwood, veteran CBS News reporter has died. A former wire service reporter, he was brought into the CBS fold by Edward R. Murrow, at the start of World War II, and distinguished himself as a solid journalist ... Local radio station WLAD expanded its operating hours, Friday, September 27, to cover Hurricane Gloria. They did a very good job despite the massive power outages that crippled the area and sporadic telephone interruptions hampering the media's ability to receive updated information through regular channels ... In Toronto, John Donable is trading in his country bots at CFGM for the rock sound of CFRB ... St. Louis' WLL has axed three staff announcers and is switching its programming to the syndicated country music fare of the Trans-Star Satellite Network ... On the FM side, WRZE-FM (Cape Cod) is changing its call letters to WJFK, in honor of the former president ... KJUB, in Salt Lake City, is changing its format from beautiful music to all-sports/talk programming. The NBC affiliate is now owned by Ballard Smith (San Diego Padres owner) and Charlie Jones (NBC Sportscenter) and a group of other investors ... Howard Stern, WNBC's Bad Boy in the afternoon, has been given his walking papers. The management has not been too impressed with his on-air antics lately and despite his high ratings was shown the door. A much subdued Howard has been making the rounds of the local talk show circuit lamenting his ouster. Even Imus has been quoted as saying that Stern's show was entirely too negative. Some skeptics are wondering if it is just a misguided PR stunt ... So much for now.

Mark Connelly (WALION) - 30 William Rd. - Billerica, MA 01866

Recent events: I got to exchange ideas with a number of DX'ers at the NRC Convention in RI. The convention organizers (Craig Healy et al) are to be commended for making the convention a success, despite the weather and other problems. /// WKOX Framingham, MA is now on 1200 kHz - daytime only (so far) and apparently still 1 kW. WLIB-1190 is now easily heard here days; it's actually stronger than 50 kW WNSW-1130. WKOX's sloop now buries the weak WCAU-1210 groundwave; when WKOX goes 50 kW, it will probably become difficult to get WLIB groundwave here. /// Hurricane Gloria hit Massachusetts on 27 SEP. No serious damage here in Billerica: the biggest inconvenience was the loss of electrical power for 3 days. At my folks' house in W. Yarmouth, a large black locust tree on the property line came crashing down; luckily, it fell away from the house. All of my antenna systems survived. The storm had numerous effects on local broadcasting, mostly related to power outages. WEZE-1260 was off the air for 4 days after the storm (WMM heard days [weak] and CIHL/WNDR noted at night). WCAS-740 was off for a while, leaving WGSM o/CBS. WMRB-1510 jumped on and off for a few days. In WMRB's absence, WNEC could be heard at days; a jumble including a stiff 1512 (Saudi ?) het noted at sunset; and CJRS well o/WLAC at night. WKOX-1200 lost one of its new towers to be used for the night-time directional array: the tower fell across the studio building, cutting it in half! Fortunately, only one employee suffered minor scratches. WDLW-1330 has only one tower at its South St. (Waltham, MA) site; I'm not sure if the other 2 towers were removed because of storm damage or for some other reason. WDLW is running flea-power at night; its formerly loud signal now suffers substantial WNYM (NYC) QRM on strong-skip nights in Billerica. I'm not sure if anyone else has mentioned in the bulletin that WMMK-1410 (Brockton, MA) has been off the air for quite a while now (since mid-summer or earlier). /// WNTN-1550 has been doing schizophrenic flip-flops between Black-oriented dance programming and Irish shows. WLYN-1360 seems to be slowly losing signal strength. The new religious station in NY state on 760 (the call eludes me at the moment) is audible here during the day at weak level, over even-weaker WJR. /// I wish Kaz was still in Maine so we could read about the rare Africans. (I wish I knew where Kaz was so we could trade DX tips with him! -pls) Newsflash!

WKOX-1200 now on at night. Daytime signal is stronger than before 5 kW or more); night signal is weak (1 kW or less). 73 and good DX.

The Pennsylvania Expedition (Part III)

John R. Malicky - 995 Snadycrest Rd. - Pittsburgh, PA 15216

(CLI) A small building houses WHYI; my v/s of a v/1 from April, '84, Lee Crawford, has left the station in May, '85. Instead, I'm greeted by curious and very friendly staffers and given the tour by the sales rep., Jeff Manotti. WHYI AM and FM is c&w and does well in the ratings. I meet the on-air FM DJ who has at her disposal a digital readout for both the weather and timing of the songs, interesting! Jeff also tells me the station recently had a transmitter fire, reducing day power from the normal 5,000 watts to a temporary 1,000 watts, possible vandalism, with a new tower and transmitter to be built at a better location. A funny thing happened here. While meeting the rx and sports director, he figured I might be interested in a story about a 4 pm pirate news conference, and handed me the paper, which underneath told of the trade of Bill Madlock to the Dodgers this past weekend, something I never heard in RI! So, the let me keep the paper and made a copy of the original! I was given directions to WICO, so on to it I went. Not much to say here, three staffers inside a small 2-story building, one got up and left! A woman account exec said no one could help give a tour, so I showed her my v/q from them which was not filled out (she had responded to my report) from a June, '85 report and I asked as she did fill it out. She had never seen a DX report before. Format is oldies/MOR, so as I left to take a picture, another staffer by the first name of "Irv" took me back in and gave me some stickers! So much for that! Left the car there, we walked across to the Carlisle Plaza Mall, had some pizza, then left Carlisle for my last stop, Everett, the home of WSKE-1040. This is another 10,000-watt daytimer that's heard in Pgh (other is WWSG). The building is another one-story ranch type and I meet my v/s for 2 reports of 1050 and 1040 from 1983, Mrs. (Sandra) King, wife and co-owner of the station with her husband, Mr. Shorty King. This is by far the friendliest station of all. Mrs. King, who was in a break, had the 12-to-5 pm slot; her husband reads the local news after ABC network rx after 5 and takes over up to sign-off. Their son, who lives just across the street, signs on the station up to noon. Format is c&w as it's Mr. King's favorite type of mx and has been accepted in the community. He shows me their license to increase ch power to 4,000 watts while protecting WKO. All music is on regular 45's with a digital timer to help. The tower and transmitter are located just off the left in the back of the station. The Kings live a few yards behind on the right. While in the studio with Mrs. King, even before asking, Mr. King came in and gave me a hat and coffee cup!! Then Mr. King gave a nice tour as Mrs. King tended to her duties. Mr. King and I also had a nice discussion about WSKE, radio, and things in general. He also showed me a storage room with used promo items: tops, stickers, wooden nickels, frisbees, cups, another stuff, plus a disabled Atwater-Kent! In another room was a GE receiver inside a cabinet (probably from the '40's) with the names of cities on the dial panel. After the Kings took over the station in 1967, they dedicated their lives to it because of their love for the station and radio. With a nice sunset evening in front of me, I bid them goodbye, feeling very good and satisfied to meet such fine people. It is 5:30 pm, Pgh is about 120 miles; but the drive is pleasurable, my trip is complete. 73's to all.

Doug Beard - 604 7th St. N. - Springville, IA 52336

I am just about as mad as I can get. The FCC's new agreement with Canada, which replaced NARBA, allows for NO protection of that portion of a Canadian clear-channel station's secondary (sky-wave) coverage area that happens to be on the U. S. side of the border. That means that even if you are 400 miles from, say, Toronto, your local on 740 or 860 may now run peanut-power at night and completely ruin your reception of CBL or CJBC. It is an outrageous waste of spectrum space; the new services will only provide usable reception out to a few miles (because of interference), but will ruin reception of the clear-channel station over a much wider region. In my area, KWPC-860, 45 miles away, is running what seems to be about 25 watts at night. I can now get a clean signal from CJBC only by nulling out KWPC with a loop. 860 in the Quad Cities must sound as jumbled as the FCC's thinking. /// I want suggestions from the members as to what can be done and how we might get the agreement modified. I am not rich, but I am willing to put a little money into a suit if that proves to be the way to go. There may be a First Amendment issue here - my right of access to contrasting viewpoints. For all I know, maybe Washington is afraid of what we may hear on the CBC. (Maybe CUSA-1340 in the April Fools's DXN wasn't as far-fetched as it seemed.) /// Some DX: 9-12, 10:52-10:55 pm (CDT), CKLQ-880 ex-1570 with c&w, ID, fairly strong, just u/WCBS. 9-13, 10:55-11:02 pm, CHIN-1540 amazing signal o/u local KXEL with reggae (I think), ID, rx, "full power for test purposes". 9-23, 7:58 pm, KVSH-940 good o/KIOA and someone else with full s/off, ments 5 kW, SSB. 9-28, 7:05 pm, unkn KBQA-830 with wx, ments stereo and 10 kW, good o/WCOB.

Bob Smolarek - RD #1, Box 63 - Whitehouse Station, NJ 08889

I went on three one-week vacations this summer and heard tons of different stations. In June I went to Maine and Nova Scotia. AM radio is much better than FM in Nova

Scotia; FM is undeveloped except for Halifax. I enjoyed hearing those 40-watt relay stations in the small towns. You ride just a few miles and they fade out quick. While staying in Yarmouth, NS, I hunted down CBAP-4 on 1230. I asked people in town where it was and nobody knew; some thought I was talking about CFLS-1340. I walked the streets with my Superadio, and while passing a bus station I noticed CBAP-4 getting very strong. I looked up and saw a longwire strung between two wooden poles, with a metal box on the pole and wires going into the bus station. The next day I took the 6-hour ferry from Yarmouth to Bar Harbor, ME, DX'ing and playing the slot machines (I won!). In July I went to Akron, OH to visit George Greene. George showed me where all of the Akron, Cleveland, and Youngstown stations had their studios and towers. I also took in the Pro Football Hall of Fame in Canton. In September I went to St. Louis, Chicago, Milwaukee, and Detroit. I took in 3 major league ball games, the Bowling Hall of Fame and the Arch in St. Louis, the Sears Tower in Chicago, and DX'ed like crazy. In Kenosha, WI I heard WICC-600 Bridgeport, CT at sunset, unbelievable because I can hardly get them at home in New Jersey at sunset. 73.

Marc Bergman - P. O. Box 6286 - Oxnard, CA 93031

I received a letter last week from Thomas Nilsson of the Arctic Radio Club. He lives in Angholm, Sweden. He saw my filter article in the exchange bulletin his club gets from the NRC. He has done some filter mods and was kind enough to send me some manufacturer's information. I included data on the Murata CFK and CFJ filters that I didn't have. I sent him a copy of my Cermaic Filter article that I finished in June. With the help of several club members I was able to gather and test 13 different ceramic filters. I ran 2 tests on each filter showing a wide and a narrow view. I also included case drawings and dimensions. I finished another article in early July. It shows the results of tests that I ran that plots the actual noise and signal levels on the AM band. The first plot runs from 400 kHz to 1000 kHz. The second plot runs from 1000 kHz to 1600 kHz. The plots are graphed over a range of 120 dB from 0 dB to -120 dB. I think there's a lot of interesting information to be found in these tests, including how much sensitivity is needed, what strong signal handling is needed, and even how much selectivity is needed. I ran a follow-up test in July and also ran a comparison test vs. a ferrite loop antenna. I plan to run several follow-up tests this fall and winter. I bought an ICOM R-71A in May. I replaced the wide AM filter with a CFG 455-I as shown in Gerry Thomas's article. The results are well worth the cost. The only problem I have with the R-71A is that it produces a large amount of noise from its microprocessor. It's only apparent when I use a loop antenna. Has anyone else had this problem? I do plan to get Don Moman's R-71 Performance Manual. Other than the noise it's a fine receiver. 73.

Alphonse B. Tobia - 7603 Linden Ct. - Newark, CA 94560

Hello, Musers. "AND THE CLEAR CHANNELS JUST KEEP OOOONN DISAPPEARING." That's right ... mixed feelings on the new assignments on the clear channels ... oh, it's great 'cause there's new stations to hear and verify ... but it's also not so great 'cause to hear such stations (in the clear) as WNL, KRWN, WLW, etc. is becoming harder if not impossible in some cases. Example ... you could always hear WNL-870 at night here with a pretty good signal on the TRF or a car radio (any decent radio). It was fun too, especially if a hurricane was threatening the Gulf Coast area ... but since KIEV went fulltime WNL is hard to hear (You said it! -pls) ... Oh, they poke thru the mess on 870 now, occasionally, but they are no longer in the clear. Next example is 880 ... up until semi-local KKMC went on, KRWN was still loud thru the new fulltimers on 880 (KWLP, KNFR, and KIXI all located in the Northwest) since they were all in a null favoring KRWN ... but when KKMC went on it did 880 in (KRWN still pokes thru them all, on occasion). Right now KKMC sings off at midnight so I can still hear KRWN on those cold, snowy winter nights, giving road reports to truckers on the interstates (it's fun!). The one that's going to hurt the most is when we lose 890 (Agreed, 100% -pls) ... WLS I have heard everywhere I have been in the lower 48 ... and with a real good signal, too!! As I mentioned before, these frequencies are becoming like 850 and 1070 are back east at night. Other news: KIMY on 1030 operates with 50 kw day and 1 kw night from a 4-tower array in Polson, CA (parallelogram), highly directional north. As of 9-23 KIQT-1010 San Francisco is now fulltime with 500 watts nights (they are 10 kw day), same pattern day and night from a 3-tower in-line array. (They still hope someday to go to higher power day and night.) Programming is Spanish for KIQT ... KIMY is c&w. Also KAFY-550 Bakersfield is now temporary 1 kw non-directional day and directional night with 1 kw. This is how they have always operated but this operation is now from a new antenna site. They now use 2 towers but used to use 3 in-line towers. Eventually they will be 5 kw day and night directional and the owners of which is now KAFY will move to 970 and KLUZ will move from 970 to 550 ... and at the same time 550 will go 5 kw as mentioned above (confused yet?). Hey, if any west coast DX'ers hear the BBC on 1260 at night it's not your radio ... it's KXLR (ex-ROIT) San Francisco. They now broadcast off shortwave - the BBC news and other features at certain times at night. Well, that's all for now. 73's.

Peter Weeks - 775 Reid St. - Frederick, MD E3B 3V8 (506) 455-6496

Hi, fellow DX'ers! New finds are coming in - now that I have recently acquired an FRG-7700, Gilfer-modified, that is well-suited to MW and LW DX, due to both its digital

readout and its fine narrow selectivity. The noise blanker is especially effective on longwave, pretty well eliminating the overbearing electrical buzzing sound that I could not avoid on the old Grundig Satellit 2008, vintage early-1970's. But when I use it with a modified NRC loop, 3 ft. per side instead of 4 and amplified with the NRC FET amp for unbalanced outputs, I find that it seems to pick up shortwave signals to some extent in the early evening that are not audible with the straight 50-ft. longwire. Does anyone have an explanation for this? Does anyone have an effective low-pass filter design, passing signals only from 2 MHz and below? At this location quite far eastward, though, 70 miles inland from the Bay of Fundy, I am receiving quite a lot of TA xms., some on longwave. Though Allouis, France -164 is dependable though not very strong, I have found last night that Monaco-218 was coming in far better after midnight local time. For longwave, I have recently followed up an ad in *Monitoring Times* for a VLF broadband preamp, model L-201 from LF Engineering and have alternately attached the longwire and a tuned loop consisting of a coil of wire about a core of six 8" ferrite rods with a 365 pF capacitor. The loop properly oriented gives the best results. I'd welcome suggestions for better designs. I should mention that Morocco-209 comes in marginally with Arabic music. I've also noted Luxembourg-236. Medium wave has yielded good reception which I have taped. This includes Algeria-531, duplicating 891 though at less strength - not audible till 11 pm local time. Grenada-535 comes in well but only later, and after religious programs signs off at 11 pm Atlantic time. 765-Senegal with talk and African chanting is often very strong early evenings. 774-Spain is also a frequent visitor with strong signals. 825-Radio Paradise is steady, and I nearly always get a het at 827 kHz, presumably from Libya. 891-Algeria is strong and not subject to much QRM from WLS-890 until quite late in the evening, an advantage of this easterly location. Portugal-1035 has been frequent as well, though I have not gotten good reception lately. Langenberg, Germany-1593 I clearly heard late evening only once in the last while. Last May, my wife and I went to England and Belgium for 3 weeks, and we took a Sony stereo tape recorder plus a Sony ICF-7600 with a 2-foot collapsible box loop (described in a previous edition of *DX News*) as a passive tuned booster. I made a lot of loggings, including a taped bandscan from Brighton, England, a fine coastal location. A major difference in station selections at night between Brussels and various southern England QTH's is that stations from Algeria and Spain are far more audible in England despite similarity of distance, I imagine because of the sea-water path. I recall that on a trip in 1982 with the same equipment, I could clearly receive Spain in the daytime from Plymouth in Devon which is quite far west and right on the south coast. Another general observation - since 1982, there have been many more English commercial stations, many of the numerous and low-powered on the same channels, e. g., 1161 and 1170 kHz, making for tricky QRM and definite necessity for a directional antenna. Similarly, BBC local radio stations often interfere with one another, if one is using reasonable equipment - as, for instance, when one wants to hear of events or strikes in London from out of town where another station will make for strained listening. To conclude, I would like to express further appreciation for Mark Connelly's fine work on the technical side, and that I am motivated to build a simplified version of the phasing system using both the loop and a tuned-and-amplified longwire which I have on had. 73's to all.

Rod O'Connor - CG Box 1467 - Kodiak, AK 99619

A few comments from the Northland, as we prepare for a new DX season. I finally got a new loop with amplifier. A great setup and I'm very happy with it. It's extremely directional and very sensitive. Hopefully I'll get farther south than Hawaii. I have already rcvd Hilo's KPUG on its new freq. of 670 in the null of semi-local KDLG. In local Alaskan news, new KIAM-1270 took to the air 1 Sept. XR is located 7 miles south of Nenana beside George Parks Highway and the Alaska Railroad. They put in a good signal to Fairbanks, although it does fade rapidly when traveling south into Denali National Park due to mountainous terrain. Gospel/Religious format, 5 kw. Also back on in Fairbanks is KRKO (ex-KGIX) 1300, now on a country format simulcasting KRKO-FM 95.9; it remains 1 kw and is one of the few Alaskans I have yet to confirm here at Kodiak. No sign yet of development of stations at Wasilla-Palmer on 1360, or at Eagle River (just east of Anchorage) on 1040. Good DX to all.

Bruce Winkelman - 3014 W. 68th Place - Tulsa, OK 74132

Here's a re-intro Muse - sorry I missed the Vol. 53, #1 Musing but better late than never! Age here is 35, married to a wonderful DX-tolerant woman by the name of Jeanette; two sons 3 and 6 and as of this date (10-9) I am still Associate Director of Pharmacy at a large hospital here in Tulsa. As of 11-1, I will become part owner and full-time manager of a clinic pharmacy in a medical building complex. That particular change will probably play havoc with BCB DX, particularly of the SSS variety, but I will persevere. Current receiver is a R390A with a longwire about 80 feet long, hung up in the air between 15 and 25 feet high, depending on which end you look at. Hope to acquire an amplified loop in the near future which will hopefully overcome the jumble of signals I hear on the band. Back in the early '70's, I used an SM-1 and every now and then I find my hand reaching up to where a loop would be to null out a particularly bothersome station. Old habits die hard, hi!! Some recent DX: 9-23: KLTJ-MO 1560 full s/on 0559+ mentioning new

power of 1000 watts; KMPN-NE 840 on 9-24 0614 u/WHAS, still must list as tentative since no ID heard but mentions of West Point and Nebraska in news items as well as other Nebraska towns makes it nearly certain, "semi-ID" as "AM-84" quite frequent, however. 9-29 KQXX-1560 booming in with KSYN-FM plug then into "Dixie" and SSB, 1928. I believe that's the first time I've heard both at a station's s/off! KQAA-1560 SD at 1930 with c&w mx after KQXX of, heard later around 1948 with accordion mx and Lawrence Welk band selections. Of note to those of you trying for SD, the emphasis in the town's name is on the last syllable, Ab-er-DEEN. Also 9-29 1938 KECK-1530 NE popped up at s/off with "Proud Country" slogan, "Good night", then poof. About out of room so will say 73 and good DX to all.

Paul Swearingen - Halfway Between, CA

With any luck, as you read this I'll be all moved into my new QTH in Canyon Country, some 20 miles due north of Sun Valley. I also intend to maintain a non-stop schedule of Musings, for all of those of you who take exception to breaks in the schedule. It's going to be tricky, as I've been putting in 12-hour days at work ... Australian DX'er James Niven needs a little help, and I suspect that a U. S. NRC'er can supply the needed information. An electrical storm zapped his receiver pre-amp, and he needs a Motorola MRF 571 bipolar transistor. If you could locate a source and give him a price per transistor, he'd send you a money order for 5 or 6 of them. Also, he has an incredible library of Commodore 64 programs and would like to trade for others; I've run out of useful programs to trade with him, and I think he'd like to correspond with others who own C-64's. Contact him at c/-Post Office - Tarpeena, South Australia 5277. 73.

10 D HARLEY RYAN, Jr of Columbus

The Columbus Dispatch
Friday, Sept. 27, 1985

WVKO going 24 hours

By David Jones
Dispatch Radio-TV Critic

We have good news and bad news for the city's urban contemporary music listeners.

First, the good: Beginning Monday, WVKO (1580 AM) will begin broadcasting around-the-clock. Now the bad: During the new late-night hours, the station must transmit at half the power level of its current evening hours.

When Josephson International bought WVKO-AM and FM in 1982, converting the FM station from an urban-jazz flavor to light pop and renaming it WSNY, it created a void for many Columbus listeners. For some, particularly on the north and west sides, the gap was filled by the relatively weak stereo signals of new urban stations WCKX (106.3 FM) and WZZT (103.1 FM).

WVKO had been handicapped by the leisurely pace of a Federal Communications Commission study which was to determine which AM stations nationwide could begin to broadcast 24 hours per day. Finally, on Wednesday, the FCC notified WVKO it could transmit all day. But in order to protect a clear-channel station in Canada broadcasting at 1580 kilohertz (the identical wavelength), WVKO must reduce its transmission level to 9.7 watts between sunset and sunrise. That is little better than half the power WVKO currently uses after 7:45 p.m. (17 watts) and a fraction of what it has used and will

continue to use during the day (1,000 watts).

"I knew we would get the authorization," said WVKO vice president and general manager Al Fetch. He said he was "shocked" at the lower transmission levels now required.

Clear-channel (5,000-50,000-watt) stations are usually those that have been operating longest. The FCC prohibits newer stations from infringing on clear-channel listening areas at night. WVKO will be restricted to 9.7 watts from 9:45 p.m. to 6 a.m. That schedule may be expand as the evenings get longer.

Fetch said he hopes that rehab work being done on the WVKO ground antenna in Upper Arlington will help strengthen the evening signal.

The move has opened up new positions for two jocks. Debbie McEntyre, who has been delivering mainly news during K.C. Jones' 6-10 a.m. shift, will take over at 10 a.m.-3 p.m. Jay Walker, who has been working midday hours, will work from 7 p.m.-midnight. Phil Allen will move to overnights (midnight-6 a.m.).

In addition, Jill Frost, who left last year and has been doing public relations work for the city, will return as news director, joining Jones in the morning.

Though no decision has been made, Fetch said it is possible there would be a perceptible change in musical style late at night, possibly including some light jazz.

□ □ □

WHLM • BLOOM RADIO

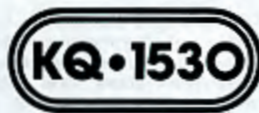
P.O. BOX 260
BLOOMSBURG, PA 17815

WCOL (1230 AM) has named a new program director. Mike Perkins has been replaced by Kevin Young, who held a similar position at WBOW-AM and WZZQ-FM in Terre Haute, Ind.

WCOL and WXGT general manager Randy Rahe would not comment on Perkins' dismissal.

Reached at home Thursday, Perkins said, "The company had one idea of what it wanted to do and I had another and they did what they felt they had to."

WCOL's talk format got off to a weak start in its first ratings test last spring. Rahe said Young has a news background, including a TV anchor position in Columbia, Mo. Young is a graduate of the University of Missouri journalism school.



KQNK Radio

Box 220
Norton, Kansas
67654



P.O. BOX K
GREELEY, COLORADO 80632

HAP PAGE (Handicapped Aid Program)

Sam Barto, 47 Prospect Place, Bristol, CT 06010

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HAP BID ITEMS: #305:WRTH 1982 in mint condition; #306:WRTH 1985 in mint condition; #307:WRCK T-Shirt(M)blue, white; #308:WPLJ T-Shirt(M)white, gray; #309:CHOW T-Shirt(M)yellow, white, blue; #310:WPLJ T-Shirt(M)B&W; #311:BBC Radio 1 match book, red, white, blue; #312:CKPT/CKQM clip-on ID, brown, yellow, orange; #313:6WF(Australia)cloth shoulder patch(2x3")blue, white, orange; #314:Radio West(UK)station pen, red, white, blue; #315:EDXC bulletins-1984, 10 different; #316:VHF-UHF Digest bulletins-1974 complete; #317:VHF-UHF Digest bulletins-1975 complete; #318:IRCA bulletins-1984 complete; #319:NASWA bulletins-1977 complete; #320:NASWA bulletins-1979 complete; #321:WDXC bulletins-1984 complete; #322:NASWA bulletins-1978 complete; #323:ASWLC bulletins-1982 complete; #324:ASWLC bulletins-1981 complete; #325:ASWLC bulletins-1979 complete; #326:SPEEDX bulletins-1980 complete; #327:SPEEDX bulletins-1983 complete; #328:NNRC bulletins-1973 complete; #329:NNRC bulletins-1974 complete; #330:RIB bulletins-1984 complete; #331:L'ONDE bulletins-1980 complete; #332:VHF-UHF Digest bulletins-1984 complete; #333:L'ONDE bulletins-1979 complete; #334:NNRC bulletins-1979, 7 different; #335:DSWCI bulletins-1978, 10 different; #336:CKLA station razor, white, orange; #337:Radio Praha(Czech)lapel pin, red, silver; #338:Radio Korea cloth "Marchers" pennant(5x9")m/c; #339:CHIN sticker(3x5.5")m/c; #340:KFIZ "Brewers" sticker(3x11.5")yellow, blue, white; #341:WVW "Saints" sticker(3x9")yellow, B&W; #342:KHTF sticker(3x11.5")red, white, yellow; #343:KWMU sticker(3x11")green, white; #344:KTAR "Arizona State Univ." sticker(3x11")red, white, yellow; #345:KDKA sticker(3x11)m/c; #346:KWAC sticker in Spanish(3x12")red, yellow; #347:KTGR sticker(4x8")m/c; #348:NAAX plastic ID card(2x3.5")red, white, blue; #349:CHIN sticker(3.5"cir)red, B&W; #350:Sudfunk 4 (FRG)sticker(3.5"cir)green, B&W; #351:CJXX sticker(5"cir)yellow, black; #352:Radio 7(France)sticker(3x6")m/c; #353:ZZR (Australia)sticker(2x10")m/c; #354:VOA sticker(3"cir)red, white, blue; #355:Radio Polonia station pin, silver, red, white; #356:WPLR key chain, red, white; #357:WJGS key chain, blue, white; #358:BBC-WS metal badge(2"cir)red, white, blue; #359:KOME metal badge(1.5x1.5")yellow, black; #360:4GG(Australia)metal badge(2"cir)red, white; #361:CKXL golf tee, red, yellow; #362:KVLK(Australia)metal badge(2"cir)red, white; #363:CKKW match book, white, red, blue; #364:BBC metal key chain, silver-nice; #365:Spectrum World Broadcasting paper pennant(3.5x7.5")yellow, black; #366:4ZA(NZ)sticker(4x5")m/c; #367:CHOW sticker(4x8.5")m/c; #368:CKUA metal badge(3.5"cir)pink, purple; #369:CKFM "Daynard" metal badge(3"cir)yellow, B&W; #370:CKKW metal badge(2x3")red, white; #371:CKFM metal badge(1.5x3")blue, white; #372:CKUA metal badge(2"cir)red, B&W; #373:CKUA metal badge(1.5"cir)orange, B&W; #374:Radio Forth(Scotland)metal badge(1.5"cir)orange, B&W; #375:KNIN metal badge(2"cir)silver, black; #376:WLUK metal badge(2.5"cir)B&W; #377:WBIS metal badge(1.5"cir)red, white, blue; #378:WHGR metal badge(1"cir)green, white; #379:KATP metal badge(1"cir)m/c; #380:WLLZ "AC/DC" metal badge(1"cir)B&W; #381:KRYT metal badge(1.5"cir)red, white, blue; #382:Radio Bucharest key chain, m/c; #383:Radio Bucharest station pin, (1"cir)m/c; #384:RBI station pin, silver, black; #385:4ZA(NZ)key chain, blue, white; #386:CKLG 12" ruler, red, white; #387:CKFM station pen, silver, blue; #388:KQDS cloth shoulder patch(2x4")orange, black; #389:KOME cloth shoulder patch(2x2")black, yellow; #390:WMSJ razor, yellow, black; #391:WKDW razor, yellow, black; #392:WLAN razor, B&W; #393:German Beer Coasters, 3 different, m/c; #394:ZNT(Australia)sticker(5x5")m/c; #395:DLF(FRG)sticker(4x6")m/c; #396:CKKW "25th Anniversary"sticker(2.5"cir)blue, gold; #397:Radio Nacional de Venezuela decal(3"cir)blue, white, red; #398:Radio Bremen(FRG)sticker(3x3.5")blue, white; #399:RFI bag tag, blue, white; #400:ABC-TV(Australia)sticker(2x5")m/c; #401:ABC-TV "Hunter" pennant-sticker(4x6.5")orange, brown; #402:IBRA Radio paper pennant(4x7")m/c.

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