

OFFICIAL CONVENTION PROGRAM

NATIONAL RADIO CLUB - 42nd Year

TOLEDO, OHIO

AUGUST 16, 17, 18 - 1974

Held at THE RAMADA INN- PERRYSBURG, OHIO

Interstate 75 at U.S. Route 20



List of People Pre-registered to Attend Toledo '74

John Baldwin	Toledo, Ohio	Ed Krejny	Middleburg Heights, Ohio
Jerry Bond	Rochester, New York	Brad Krohn	Buffalo, New York
Wesley Boyd	Girard, Ohio	Frank Merrill	Toledo, Ohio
John Callerman	Mount Vernon, IL.	Al Merriman	Fairfax, Virginia
Brian Cartwright	Johnstown, PA.	Dan Myers	Toledo, Ohio
John Clements	No. Hollywood, CA.	Jess Nadel	Toledo, Ohio
Craig Cook	Milwaukee, WI.	Al Ogrizovich	Fort Wayne, Indiana
Glenn Cooper	W. Springfield, MA.	Brian Pitman	Kingston, Ontario
Skip Dabelstein	Lincoln, Nebraska	Bruce Portzer	Seattle, Washington
Frank Dailey	Preston, Conn.	Wayne Plunkett	Weston, Ontario
John Daller	Ann Arbor, MI A <sup>2</sup>	Bill Raczko	Swanton-Toledo, Ohio
Richard Eddie	Webster Groves, MO.	John Robertson	Croswell, Michigan
Russ J. Edmunds	Wayne, N.J.	Ron F. Schatz	Miami, Florida
Don Eggert	Bowling Green, Ky.	Ron B. Schiller	Lighthouse Point, FL.
Don Erickson	Riverside, CA.	Robert Shaffer	Toledo, Ohio
Rick Evans	New Buffalo, MI	George Sherman	Minneapolis, Minnesota
Jeff Falconer	Clinton, Ontario	Gary Siegel	Toledo, Ohio
Joe Fela	S. Plainfield, NJ/	Jerry Starr	Hubbard, Ohio
Dave Fischer	Hickory, NC.	Thomas Steele	Milwaukee, Wisconsin
Karl D. Forth	Villa Park, IL.	Bob Stonier	Glen Rock, NJ
George Greene	Akron, Ohio	Phil Swingley	Muncie, Indiana
Bob Hostettler	Minneapolis, Minn.	Dick Truax	Jeffersontown, KY
Carl Junker	Greenville, Ohio	Fred Vobbe	Toledo, Ohio
John Junker	Dayton, Ohio	Jim Wallace	Cimstead, Ohio
George Kass	Hartford, Conn.	Ernie Wesolowski	Omaha, Nebraska
Mark Katz	Brookline, Mass.	Dave Whatmough	Hamilton, Ontario
J. Charley Keleher	Fort Wayne, Ind.	Dale Whitehead	Omaha, Nebraska
Robert Kramer	Chicago, Illinois		

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We have an advanced ~~re~~ list of 55 persons planning to attend Toledo 1974. We likely will have a few last minute arrivals and perhaps some visitors from Toledo who are interested in stopping by for a few moments to add to the gathering. We are pleased at the expected fine turnout, and of course you'll be happy to know that this makes your registration fee per person that much less. So give yourselves a pat on the back as well. The breakdown of those pre-registered comes to 19 states and one Canadian province.. Ohio has the largest single representation with 15, fattened, of course by 8 Toledoans, next area in attendance is Ontario with 4 persons, followed by a tie among Indiana, Illinois, Michigan, Nebraska, and New Jersey with 3 each, tied with 2 each are California, Connecticut, Florida, Kentucky, Massachusetts, Minnesota, New York, and Wisconsin. Represented with 1 each are Missouri, North Carolina, Pennsylvania, Virginia, and Washington.



## WELCOME TO TOLEDO-PERRYSBURG, OHIO

IT IS THE PLEASURE OF THE HOSTS OF TOLEDO '74 TO WELCOME YOU TO OUR CITY AND THE NATIONAL RADIO CLUB CONVENTION. This convention has the distinction of being the eastern-most western convention ever held in the 42 year history of the NRC. Despite this "impressive" fact don't expect to see Pike's Peak of Redwood Forests or Old Faithful Geyser. However, there are things to do and places to see in Toledo if time permits you these opportunities. Among some of the sights of interest include the Toledo Zoo in its 75th year and one of the finest zoos in the nation, the Toledo Museum of Art, "admission free", one of the best in the country with an excellent collection of glass products which makes sense since this is "The Glass Capital of the World."

By the way, downtown contains the corporate headquarters of three major glass manufacturers.

Toledo also is a major holder of a large number of DXers. I believe there are at least 10 of us but I'm not absolutely certain.

Those of us who are hosts and those who are not will try to make your stay here interesting and fulfilling. We all want you to have a good time and we know you will. If you have any questions about activities or Toledo or where to eat besides what is listed in the program or where to get gas we will be happy to answer these for you.

In case you didn't notice you are actually staying Perrysburg, Ohio rather than Toledo. Maps are provided and are placed in the meeting room to help acquaint you with Perrysburg, Toledo and other areas. Feel free to use them.

### "The Committee"

Frank Merrill, Jr., Chairman

Gary Siegel, Infoman, Typist, etc.

Dan Myers, Registration person & other organizing duties.

Robert Shaffer, Bill Raczko-able-bodied assistants.

### ACKNOWLEDGEMENT DEPARTMENT

The Toledo Convention Committee would like to thank these wonderful people who have given of their time to make NRC Toledo '74 that much better of a convention.

Mr. Bill Manders, WTOD

Mr. Richard Young, Ramada Inn Manager

Mr. London Mitchell, WTUU

Ms. Colleen Blass, Banquet Hostess

Mr. Royce Woodward, Guest Speaker from Woodward Frequency Measurements, Inc.

Mr. Warren Sass, Field Owner



## CONVENTION SCHEDULE

Friday- (August 16): Registration begins when first arrivals get to the motel. Earlier arrivals will stick around the motel or visit the hosts at their homes. A tour of WTCO (and their FM WKJR) is planned for 2:30 p.m. and is available to anyone who has arrived by this time. The rest of the day is yours to do as you please as long as it's within the law, hi! The meeting room is open 'til 2:30 a.m. Friday and Saturday and 'til midnight on Sunday.

Saturday- (August 17): A 1p.m. tour of WTVU has been set for this day and is available to anyone interested. At roughly 2p.m., technical sessions will begin and you can possibly pick up some important pointers to aid you in increasing your total heards and/or verifieds.

The banquet is scheduled to take place at 6p.m. with all other events following in this order: The Guest Speaker, Mr. Royce Woodward, Woodward Frequency Measurements, Inc.; The DX Quiz; The Annual Business Meeting, and The Auction.

12:00 or 1:00 a.m.- Probable time of the DXpedition.

Sunday- (August 18): Informal gatherings, technical sessions, swimming, gabfests, etc. Another DXpedition is planned for Sunday night for those remaining.

### TOLEDO AREA TV STATIONS:

Ch.2	WJBK	Detroit, Mich.	CBS	UHF Stations:		
Ch.3	WKYC	Cleveland, Ohio	NBC	Ch.20	WXON	Allen Park, Mich. IND.
Ch.4	WWJ	Detroit, Mich.	NBC	Ch.22	CKGN	Windsor, Ontario Global
Ch.5	WEWS	Cleveland, Ohio	ABC	Ch.24	WDHO	Toledo, Ohio ABC
Ch.6	WJIM	Lansing, Mich.	CBS	Ch.30	WOTE	Toledo, Ohio IBS
Ch.7	WXYZ	Detroit, Mich.	ABC	Ch.43	WQAG	Lorain, Ohio IND.
Ch.8	WJW	Cleveland, Ohio	CBS	Ch.50	WLWD	Detroit, Mich. IND.
Ch.9	CKLW	Windsor, Ontario	CBC	Ch.56	WTVS	Detroit, Mich. PBS
Ch.11	WTOL	Toledo, Ohio	CBS	Ch.57	WUCU	Dowling Green, O. PBS
Ch.13	WSPD	Toledo, Ohio	NBC	Ch.66	WDEF	Cleveland, Ohio IND.

### SECONDARY TV RECEPTION IN TOLEDO:

Ch.2	WLWD	Dayton, Ohio
Ch.3	WKZO	Kalamazoo, MI
Ch.4	WLWC	Columbus, Oh.
Ch.5	WNEM	Bay City, Mich.
Ch.6	WTVN	Columbus, O.
Ch.7	WHIO	Dayton, Ohio
Ch.8	WCTV	Grand Rapids, MI
Ch.10	WILX	Jackson-Lansing, MI
	WBNS	Columbus, Ohio
	CFPL	London, Ontario
Ch.11	CHCH	Hamilton, Ont.-if Tol. is off.
Ch.12	WJRT	Flint, Mich.
Ch.13	CKCO	Kitchener, Ont. -if Tol. is
	WLWI	Indianapolis, Ind. off.
	WZZM	Grand Rapids, Mich.

### UHF Secondary:

Ch.15	WANE	Fort Wayne, Ind.
Ch.17	WNEP	Buffalo, N.Y.
Ch.21	WPTA	Fort Wayne, Ind.
Ch.23	WKAR	East Lansing, Mich.
Ch.23	WAKR	Akron, Ohio
Ch.24	WJET	Erie, Pa.-Many times w/Tol.
Ch.25	WVIZ	Cleveland, Ohio on!
Ch.25	WEYI	Saginaw, Mich.
Ch.27	WKBN	Youngstown, Ohio
Ch.29	WUTV	Buffalo, N.Y.
Ch.29	CKGN	Sarnia, Ontario
Ch.33	WKJG	Fort Wayne, Ind.
Ch.35	WSEE	Erie, Pa./WLIO Lima, Ohio
Ch.41	WUHQ	Battle Creek, Mich.
Ch.54	WQLN	Erie, Pa.
*Ch.34	WOSU	Columbus, Ohio



## WHERE TO EAT YOU ASK:

Toledo and its suburbs has nearly as many restaurants as it has other businesses. Almost every franchise carry out/ drive-in has a store somewhere in Toledo metro, with the exception of Jack-In-The-Box and you can go to Monroe, Mich. for them, Hi!

There are many such facilities in Maumee (across the river from Perrysburg and you'll likely find your favorite franchise eatery there. If your tastes carry you to a regular sit down type restaurant you'll find some listed here, but we can supply other choices as well.

So here goes:

### DOWNTOWN TOLEDO:

\*Bud & Likes- Madison & 20th- Toledo's Eating Habit- good meals at very reasonable prices.

\*Dyer's Chop House- 216 Superior St., near Jefferson. Seafood specialists, a little high with prices, but a real dining pleasure.

### SOUTHWEST TOLEDO:

\*Dominics-Fine Italian Restaurant- Great cuisine, entertainment, meals, moderate prices. 2121 S. Reynolds Rd., between S Airport & Heatherdowns Rd.

\*Hardee's Drive-In 2259 S. Reynolds Rd. across from Southwyck Shopping Center. Home of Char-co broiled burgers- Your typical franchiser.

\*Netterfields Fish 'n' Chips 2247 S. Reynolds Rd. across from Southwyck- locally owned chain- good food- prices OK.

\*Howard Johnson's-28 Flavors- S. Reynolds Rd. at Heatherdowns- reasonable prices- a typical HOJO's.

\*Bill Knapp's Restaurant- features pancakes as well as other dishes- a chain outfit- OK in food, prices moderate.

\*Perkins Pancake House- Open 7 days, 7:00 a.m. - breakfast servings a speciality. Prices good. Reynolds Hi. at Brownstone.

### MAUMEE:

\*Chick-Inn's of America- 701 Conant at W. Sophia- one of many franchise eateries on this artery.

\*Bonanza Sirloin Pit- 713 Conant St.- next to Toledo Trust bank office. There is a Ponderosa Steak House on S. Byrne Rd. in Toledo if you prefer that particular steak house.

\*Arthur Treacher's Fish 'n' Chips- 717 Conant St.- next to the pit- is the franchise with the secret formula for preparing fish.

\*Don's Drive-In- Golden Gate Shopping Center- corner of Anthony Wayne Trail & Conant Sts. Local chain- moderate prices- good food. DFE has already expressed a personal liking for this restaurant.

\*McDonald's Restaurant- Your Kind of Place- 1016 Conant-near Illinois Ave. A typical Mac's.



MAUMEE Cont.-

\*Pizza Hut- national chain- 924 Conant- again near Illinois Ave. good Pizza's- sensible prices.

\*Kentucky Fried Chicken- 1010 Conant- next to the Mac's-Chicken by the barrel for \$5. Frank Merrill refers to these places as K-Y-F-C,hi!

\*Zip'z Ice Cream- 909 Conant, near Illinois Ave. Good place for a cooling snack especially with our desert-like conditions of late here.

\*Dunkin Donuts-Coffee Shop- Conant at Illinois Ave. near Zip'z best donut chain around-freshly made donuts.

\*Burger King Restaurant- Home of the Whopper, 1011 Conant- near Illinois Ave (sounds like a monopoly game,hi!) - a typical chain of this franchise.

PERRYSBURG:

\*The Coffee Cup- 220 Louisiana Ave.- near W.3rd- Good meals-not overly expensive.

\*Dining Room- 219 Louisiana Ave. near 3rd E.- Looks to be Perrysburg's eating pride place. Good cuisine, food. Prices a little high perhaps. Other eateries nearby.

\*I&K Restaurant- a national chain- good food, higher prices, like Lums.

\*Frisch's Big Boy- Fremont Pike across from our Ramada can't miss it. Service a little slow at times, prices moderate.

EAST TOLEDO:

\*Tony Packo's Cafe, Nationally known for their Hungarian food specialties- especially their hot dogs- a real treat- New Orleans Jazz Friday & Saturday- closed Sundays. Prices reasonable. 1902 Front St. at Consaul.

\*Other suggestions available from your hosts. Eat heartily- you might try Ramada's food- prices likely a wee bit high, however.



BROADCASTING STATIONS IN AND AROUND TOLEDO

STANDARD BROADCAST BAND:

540-CDEF	Windsor, Ontario	100% French Language probably understood only by Dan Myers in this area.
560-WQTE	Monroe, Michigan (d)	500 watts of soft, soothing instrumental music-g geared to Detroit as it beams north. Recently purchased for a price in excess of \$2 million.
580-CKWW	Windsor, Ontario	Mostly MOR, with some talk.
600-WTAC	Flint, Michigan	"The Big 6" Rock-n-roll format.
610-WTVN	Columbus, Ohio	A Taft station, refers to itself as The Friendly Giant-plays numerous oldies- 5000 watts.
630-CFCO	Chatham, Ontario	Has gone NSP and country & western.
670-WMAQ	Chicago, Illinois	Flagship station for the Chicago White Sox, carries NBC and borders on rock format-wise.
700-WLW	Cincinnati, Ohio	"The Nation's Station" is flagship outlet for The Big Red Machine-that means there are 2 of them in Cincy.
720-WGN	Chicago, Illinois	World's Greatest Newspaper is the flagship station of the Chicago Cubs.
730-WMGS	Bowling Green, Ohio (d)	The Country King beams away from Toledo & it is not uncommon to hear WPLF in North Toledo, but at Ramada you'll hear this one as good as any.
760-WJR	Detroit, Michigan	If you were hoping to hear WCFS here forget it! This is our 6th local. Flagships the Detroit Tigers and almost everything else in sports. CBS.
800-CKLW	Windsor, Ontario	"The BIG 8" Rocks around the clock & is #1 in that department throughout this area. Excellent signal here in the day- a bit weaker at night sometimes giving way to The Biggest 8-FJD.
820-WOSU	Columbus, Ohio (d)	Educational voice of Ohio State Univ.
850-WJW	Cleveland, Ohio	Storer station with MOR format.
860-CJBC	Toronto, Ontario	All French-has a good signal here.
870-WKAR	East Lansing, Mich. (d)	Educational voice of Mich. State, has a wide ranging format & signal.
880-WRFD	Columbus-Worthington, O. (d)	Sounds a lot like WCAR in that they feature rock oldies- maybe this is because they are owned by the same company. Was country & western before.
900-WFRO	Fremont, Ohio (d)	500 watts but carries well into Toledo & at least 80 miles beyond. Carries Cleveland Indians baseball.
930-WEOL	Elyria, Ohio	24 hour voice of Lorain County-seems to be automated MOR station.
950-WWJ	Detroit, Michigan	Radio ONE-posts claim as the first broadcast facility. Features 4 hour news block in the A.M., some talk in the day, sports talk at night, instrumental music overnight. 5000 watts.
970-WREG	Ashtabula, Ohio	Rock-n-roll- good signal @ 140 miles.
1010-CFRB	Toronto, Ontario	Instrumentals & MOR- heavy on news.



1050-WPAG Ann Arbor, Michigan (d)	Middle-of-the-road format mostly, with some rock. Carries University of Michigan FB & MB.
1070-CKCK Sarnia, Ontario	10,000 watt voice of the Blue Water region. Country & western featured. Not uncommon to hear WELC under them in the day.
1100-WWWE Cleveland, Ohio	50,000 watt sport voice of Mid-America. Owned by a group headed by Nick Mileti and flagships his Cleveland Indians & Cavaliers. Retains MOR format but with an almost new staff. NRC.
1130-WCAR Detroit, Michigan	NSP rocker-dabbled in progressive for a while but seems to be drifting away from it. Good signal here days.
1150-WIMA Lima, Ohio	Mostly rock-automated nights-carries Cincinnati Reds & Bengals.
1190-WCWE Fort Wayne, Indiana	Westinghouse Broadcasting station, 50kw. Mostly rock with oldies on the weekend. Eastest Hoosier here-sorry about that AWC. Heard in P.E.I. & beyond likely.
1230-WCWA Toledo, Ohio	Toledo's only AM rocker in the true sense. Little talk, even less nights when they go automated. Good day signal over the entire area. 24 hrs.
1270-WXYZ Detroit, Michigan	A/C (C&). Rock oriented-good sound.
1290-WNRS Saline-Ann Arbor, Mich. (d)	Country winners-has gone through various formats, ex-WJL.
1310-WNIC Dearborn, Michigan	Nice music format couldn't you guess!
1330-WFIN Findlay, Ohio (d)	Generally rocks, but has a definite small town sound.
1370-WSPD Toledo, Ohio	Has a strangle-hold grip on the ratings locally. Good MOR format with some rock mixed in. Overnight country show for truckers recently added. Carries Univ. of Toledo FB & MB. NSP & NRC.
1430-WFOB Fostoria, Ohio	Mixed format-heavy on local sports- has rejected the Cleve, Indiana Net.
1470-WCHO Toledo, Ohio	Misc. and contemporary, Talk or rap shows night. Gets out well. NSP.
1490-WADJ Adrian, Michigan	24 hours NSP. MOR automated-numerous instrumentals featured.
1500-WDEE Detroit, Michigan	Another Storer station-we can't escape them. Country is the format but at times I wonder about them. 50 kw days.
1520-WTUU Toledo, Ohio	A most interesting station. 1000 watts. Has trouble covering the entire city. Dies in the NE & NW sections day as 6 tower day site beams south. Misses parts of SE & SW nights as they beam due north from a separate 6 tower night site. Now C&W w/MBS. Ex-WTTO.
1560-WTOD Toledo, Ohio (d)	Guitar shaped pattern fits their country & western format well. Gets out well particularly to the south. Most friendly station. They and WTUU have been kind enough to grant us tours.
1600-WAAM Ann Arbor, Michigan	A/C information station. 5000 watts. Weak signal as they beam north. Rocks.



A R E A F M S T A T I O N S

- |   |   |
|---|---|
| 88.1 WFGU Bowling Green, Ohio<br>(Bowling Green State Univ.)    | Has very extended hours and presents programming ranging from lectures to classical music to soul music. 1.35kw.  |
| 88.7 CJOM Windsor, Ontario<br>(Commercial)                      | 84000 watts, fulltime underground music, usually off at least part of MM.   |
| 90.5 WKAR East Lansing, Michigan<br>(Michigan State University) | Operates 18 <del>h</del> or 19 hours a day, featuring mostly classical and opera music. 125000 watts.   |
| 91.7 WUCM Ann Arbor, Michigan<br>(University of Michigan)       | Signs on around 1100 their time, on until around midnight. Lectures, discussions, classical music and opera comprises their schedule. Also has excellent newscasts daily as well as Michigan FB & B.B. 230000 watts.  |
| 92.5 WMHE Toledo, Ohio  | 24 hours of computer automation with "escape" format. Swell 92.5 is also referred to as the "dungeon" as some of your convention hosts can attest to. Our own Robert Shaffer has yet to "escape" their grasp and may land us a tour of the musical robot. 50kw E&V. |
| 93.1 WDRQ Detroit, Michigan                                     | Rock and roll format- good sound has a strong following of listeners here in Toledo. 20000 watts.   |
| 93.5 WAWM Bowling Green, Ohio<br>WAWR                           | 3000 watts. Oldies and requests during the day. Signs off 0100 except Sunday.   |
| 93.9 CKLW Windsor, Ontario                                      | Country and western all the time. NSP with 50000 watts just like the Big 8!   |
| 94.7 WENE Birmingham, Michigan                                  | 20000 watter with a good Toledo signal. Programs a good automated package called Honey Gold and call themselves Honey 95. Ex-WHFI same format with oldies.  |
| 95.1 WPTH Fort Wayne, Indiana                                   | Good rock format replacing a MOR format. Good sound and signal for 100 miles. 44000 watts.  |
| 94.5*Port Clinton, Ohio WRWR                                    | Out of place-oops! 6700 watts, with varied fare mostly MOR- fair signal.  |
| 95.5 WLDM Detroit, Michigan                                     | Soothing background music. 16,500 watts.  |
| 95.9 WHFD Archbold, Ohio  | Middle-of-the-road with a mixture of recent rock hits and instrumentals. 3kw.   |
| 96.3 WJR Detroit, Michigan                                      | Switched from good oldies to instrumental easy listening format. 24000 watts.   |
| 96.7 WFOB Fostoria, Ohio  | Signs off early 2200 if not carrying Cleveland B3 as they were not doing until recently. MOR mainly. 3000 watts.  |
| 97.1 WWJ Detroit, Michigan                                      | Stereo ONE. Instrumental music, down tempo WWJ-AM simulcasts overnight. 50kw.   |
| 97.9 WMZK Detroit, Michigan                                     | Ethnic programs and soft music. 10 kw.  |
| 98.3 WVMO Monroe, Michigan                                      | 3000 watts of country power.  |
| 98.7 WBFG Detroit, Michigan                                     | NSP religious format with 50000 watts.  |
| 99.1 WFRQ Fremont, Ohio   | Another early signal dropper. Off at 2200 unless Indians are playing. Not unusual to WFMK E.Lansing when they're gone. 20000 watts.   |
| 99.5 WABX Detroit, Michigan                                     | Progressive rocker -sometimes given a signal beating by WNCR Cleveland. 36kw.   |
| 99.9 WKLR Toledo, Ohio  | The Big Soul Rocker and promotes a Nation of Communication slogan. 8800 w.  |



100.3 WNIC Dearborn, Michigan

100.5 WHMQ Findlay, Ohio

101.1 WRIE Detroit, Michigan

101.5 WLQR Toledo, Ohio

102.3 Holland, Ohio WPOS

102.9 Ann Arbor, Michigan WNRZ

103.5 WMUZ Detroit, Michigan

103.9 WLEN Adrian, Michigan

104.3 WOMC Detroit, Michigan

104.7 WLOT Toledo, Ohio

105.1 WQRS Detroit, Michigan

105.5 WXEZ ~~X~~ Sylvania, Ohio

105.9 WJZZ Detroit, Michigan

106.1 WKHM Jackson, Michigan

106.7 WWWW Detroit, Michigan

107.1 WPAG Ann Arbor, Michigan

107.5 WGPR Detroit, Michigan

107.9 WELW Cleveland, Ohio

Nice Music format in full stereo. Different package from AM affiliate but does simulcast occasionally. 50kw. The latest in a rash of call letter changes which has afflicted the FM band hereabouts. Has gone to a rock oldies format in recent days from a easy listening format. Ex-WFIN, 29kw. WNIC is former WNR-FM by the way.

Heavily listened to good sounding rock package which has a good mix of ~~progressive~~ progressive, contemporary and a few oldies in schedule. 27200 watts.

Stereo 101.5 WLQR is the Good Life station and is a winner with its format of contemporary hits done up in an instrumental arrangement. Good signal from high antenna and power increase to 11000 watts.

Religion and gospel with 3000 watts from this western Toledo suburb. Non-profit owners. A rarity these days. WNRZ is sister station same format. 10kw. 115000 watts of religion except Sunday AM's which is rather strange.

The Voice of Lenawee County. 24 hours of NSP country music. 3000 watts. Good MORer with good power, 215000 watts. Toledo's own 50000 watt progressive rocker. Doing well ratings-wise. Former WCWA-FM and at that time was our "Beautiful Island" for beautiful music. Still owned by WCWA people.

Classical music 24 hours a day. 31 kw. EZ listening music format. Upgraded signal to call as they moved their TX closer to Toledo in an effort to use their 30000 watts effectively to cover Toledo as that's who WOHO-FMM is after, hi. They could give two s---s about Sylvania, hi! Ex-WGIN

Recently adopted these calls and a jazz format. Ex-WCHD. 34000 watts.

\*Bright MOR format, signing on 0500 to 0100. 20000 watts.

W4 is a most popular progressive rock station- has a good signal and well balanced sound. 61000 watts.

This 3000-watter does very well and is fairly strong here. MOR days-Country nights. Off 0200.

Is NSP with a soul music and black religious format. 50000 watts.

AM affiliate which is country is in Willoughby and eastern Cleveland suburb. This station was WNCB in that city but switched to AM calls and new location. Gets out well and easily covers Cleveland if it can get here. Rocks-70kw.



TYPICAL AM BAND RECEPTION IN TOLEDO, OHIO AND VICINITY

The following is a list of stations normally received in Toledo (1) during daytime hours (2) evening hours and (3) Monday mornings. Reception varies in different parts of Toledo depending on where one lives from which makes certain channels easier or more difficult to hear. On frequencies where more than one station is audible, the dominant is listed first.

	(1)	(2)	(3)
540	CDEF	CDEF	CBK/WLAK
550	WGR/WKRC	CMAN/KSD	CMAN/KFYR
560	WQTE	WJLS/WIND	WIND/WHLQ
570	WKON	WKON	WMCA
580	CKWV/WCHS	CKWV/CKY	WILW
590	WKZO	CMW/WOW	CMW/WOW
600	WFAC	CMKV/WMT	CMKV/WCAO
610	WTVN	WTVN/WLP	WLP/WDAF
620	WTMJ	WETE/WTMJ	WSDN/CKCK
630	CFCO	CMHQ/CFCO	CMHQ/CFCO/KXOK
640	WHLQ	CMQ	CMQ
650	WTOD (Image)	WSM	HJJX
660		WNBC	XFRPM
670	WMAQ	WMAQ/CMNF	CMNF
680	CFTR/WCAW	CFTR/WPWF	CFTR/WPWF
690		CMBC/CFE	CMNF
700	WLW	WLW	WLW
710	CHXR	WOR	WOR
720	WGN	WGN/CMGN	WGN/CMGN
730	WMGS	CHIR	CKAC/XEX
740	CBL	CBL	KRMG
750		WSB	HJDK or WSB if on
760	WJR	WJR	WJR
770		WABC	WABC
780	WBBM	WBBM/CMON	WBBM/CMON
790	WPIC (very weak)	WTAR	WTAR/WAKY
800	CKLW	CKLW/PJB	CKLW
810		WGY	WGY
820	WCSU	WLAP	HJED
830		WCCO	WCCO
840	WHAS	WHAS	WHAS
850	WJW	WJW/KOA	KOA
860	CJBC	CJBC	HJLR
870	WKAR	WWL	WWL
880	WRFD	WCBS	WCBS
890	WLS	WLS	WLS
900	WPRO	CHML/XEW	CHML/XEW
910	WFDF	WSBA/KGLC	WSBA/KGLC
920	WMNI/CKNX	WMMN/WMNI	CKCY/WOKY
930	WEOL/WHON	WEOL/WBEN	WGNF
940	WCIT	CPM/XEQ	KICA
950	WWJ	WWJ	WKAZ/KIMN
960	WWST/WSBT	WFIR	WERC/CKWS
970	WRFO/WKHM	WWSW/WAVE	WWSW/CKCH
980	CFPL/WONE	WONE/WRC/CFPL	WONE/CFPL/WSIX
990		CBW/WNOX	WNOX
1000	WCFL	WCFL	XEQY/KPOK
1010	CFRB	CFRB/WINS	CFRB/WINS
1020	KDKA	KDKA	
1030	WZZ Open	WZZ	XEQR
1040		WHO	WHO



	(1)	(2)	(3)
1050	WPAG	CHUM/CJIC/WHN	CHUM/CJIC/WHN
1060	WOIO	KYW	
1070	CHOK/WIBC	CHOK/WIBC	WIBC/WISO
1080	WOAP/WWVR	WTIC/KRLD	WHIC/WKLO
1090	WIID	KAAY/WBAL	KAAY/XEPRS
1100	WWWE	WWWE	ZDK/HJCN
1110	WUNN	WBT/KFAB	WBT/KFAB
1120		KMOX	FMCK
1130	WCAR	WCAR/WNEW	WCAR/WNEW
1140	WCLW	WRVW	CJTR
1150	WIMA	WIMA/CKOC	CKOC
1160	WJJD	KSL	KSL
1170	WWVA	WWVA/KVCO	WWVA/KVCO
1180		WHAM	WHAM
1190	WOWC	WOWO	KLIF etc.
1200		WOAI	YVOZ
1210	WKNX	WCAU	WCAU
1220	WGAR	WGAR	WGAR
1230	WCWA	WCWA	WCWA
1240	WJIM	WJIM	WJIM/WROV etc.
1250	CKJD/WGL	WTAE	WEMP/CHWC/WREN
1260	WLXY/WALM	WNDE/WLXY	WNDE/WLXY
1270	WXYZ	WXYZ/WREB	KFJZ
1280	WONW	CHAM/CJMS/WADO	CHAM
1290	WNRS/WHIO	WHIO/WFBC	WHIO/KOIL
1300	WERE/WOOD/WHLT	WERE/WOOD	WFBR/WRBC
1310	WNIC	CFGM/WILC	WIFE/CKOY
1320	WILS/WHOK	WKTQ/WVAJ	WKTQ/KXYZ
1330	WFIL/WELW	WFBC	KFH
1340	WEXL/WNCO/WCSR	varies	WIZE/WLAV/WRIT/WMID etc.
1350	WHMI/WSLR	WSLR/KRNT	WSLR/CKLB/WKLC
1360	WKMI	WSAI/WLXZ/WBAY	WDRC
1370	WSPD	WSPD	WSPD
1380	WLRO	WMEE/CKLC etc.	varies
1390	WCER	WNUS/WFMJ/WFBL/WJSC	WNUS/WFBL
1400	WJLB/WMAN	WJET etc.	WJET/WBAT etc.
1410	WING	WING/KQV	WING/WPOP
1420	WHK	WHK/CKPT	WEI/WOC
1430	WFCB	WFOB/CKFE/WIRE	CKFH/WIRE
1440	WCHB	WBCM/CFGO etc.	WRK/WNFL/CFGO
1450	WLEC/WIBM	varies	WVON/WXVW etc.
1460	WPON	KSO/WBNS	WBNS/WAXC
1470	WOHO	WCHO/WMLD	WEE WOHO
1480	WHBC/WSDS (both weak)	WHBC	WSAR
1490	WAEJ/WMRN	WABJ/WOLF/CHYM etc.	WABJ/WDXB/WOLF/CHYM etc.
1500	WDEE	WDEE	KSTP/XTRH
1510	WJCO	WLAC/WMEK	CJRS/WMEK
1520	WTUU*/WYFC/WBNO	WTUU/WKBW	WKBW/KOMA
1530	WTHM/WCKY (both weak)	WCKY	KFBK
1540	WBCO/WABQ	KXEL/WPTR	ZNS-1/WPTR
1550	CBE	CBE/KKJO	KKJO/WOKJ
1560	WTOD	WQXR/WDXR	CMGB/XEVIP
1570	WOBL	CHLO/CFOR	CKLM/XERF
1580	WRBJ	CLJ/WCLS	WCLS/XEDM
1590	WTVB/WAKR/WSMA	WAKR/WEHT etc.	WAKR/WEHT
1600	WAAM	WAAM/WWRL	WWRL/KATZ

\* WTUU Day signal variable over the metro area.



# NRC "DEE ECKS" QUIZ

## Cross-word Puzzle

			1	2			3	4				
5	6		7		8		9		10	11	12	
13			14			15		16				17
	18	18½			19		20	21				22
		23	24	25			26				27	
		28				29				30	31	
	32					33			34		35	
36					37		D		38	39		
40			41	42				43				
44								45			46	
				47		48				49	50	
	51	52	53				54		55	56		
	57							58				
59					60	61	62				63	
64				65					66			

### THE RULES:

1. Reference books ain't kosher!
2. Some numbers and alphabetical letters are interchangeable and may read either way, for instance 0 and zero, 1 and one, or 5 and five!
3. Other letters and numbers are sprinkled through the puzzle liberally, and read correctly in both directions!
4. 40-A is located in a strange place and was done so that the puzzle would make sense(?); NOT an error!
5. This puzzle was made March 22, 1974, so if some stations have changed call letters, etc. since then, don't blame me, 5-A!
6. One "free" square has been filled in already.
7. If you become thoroughly disgusted, you can blame Frank Merrill for this 31-D, 5-A!
8. Some clues are tricky or sly, so be careful.
9. 18½-D is there because I originally forgot to number it.
10. Have fun!

### ACROSS:

1. WYGO-1330 is located in this state.
3. Opposite of "YL".
5. Detested NSP programming which started in mid-60's and lasted til just recently.
7. "Radio Mundial" on 930.
9. Located in Hutchinson KS (Plural).
13. Call letter prefix used in the Orient.
14. CHAD-1340 is in this city.
16. You need these to BCB-DX!
18. See 47-A (Dx jargon).
19. What stations and DX'ers often have in common at NRC Expeditions (too much 10-D, maybe?): Past Tense.
22. First word in the dictionary.
23. Ray D. O'Listener heard 'em while trippin', man!
26. Companion of WBOB and KBOM?
28. The best doggoned editor we've ever had!
29. One of two non-full-time Seattle stations.
30. Walt Disney character who sports the big 10-A: Abbr.
32. Located in Atlanta GA on 970.
33. Frequency of KRGI (Grand Island NE).
35. Principal language of PJA6-925: Abbr.
36. Station on 830 from "Down Under" land.
37. Common Nicaraguan spilt.
38. Our man of 28-A has problems with this!
40. Using a directional antenna to advantage.
43. Part of WANA-1590's location.
44. WOGO-1260 is located in this city.
45. Located in Newcastle WY. (4 letters)
46. Number of graveyards in Tucson AZ.
47. It's very possible that the announcer on KIVM-1350 could close his show w/this.
49. NRC ran this Volume Number during the 1962-63 DX season because the club was about that many years old then.
51. Located in Paris AR.
54. Fill in the blank: \_\_\_\_\_ Multiplier.
55. Located in Poplar Bluff MO.
57. Located in Gadsden AL, same freq. as 55-A.
58. Of educational stations with three call letters, this is the only true daytime station.
59. The call letters and city are identical!
60. City with a unique distinction: THREE stations share time on the same frequency!
64. The only U.S. 5-call-letter station on 960.
65. Icebox.
66. A river in Scotland.

THE "DOWN" CLUES APPEAR ON THE NEXT PAGE!



CROSSWORD PUZZLE FOR NRC QUIZ....HERE'S THE REST OF THE CLUES!

DOWN:

1. A rocker located in San Francisco CA.
2. Was widely heard on 615, evenings, a few years ago (1960's).
3. KNON-1400 is located in this state: Abbr.
4. Synonymous with the term "BCB": Abbr.
5. Common South American call letter prefix.
6. Number of BCB frequencies licensed for station operation in the US and Canada.
8. Record by Harry Chapin, popular about five or six months ago.
10. Traditional mainstay of NRC Conventions!
11. See 38-A.
12. A good time of the day to hear some "Down Under" stations on some U.S. clear channels if you live ~~in the Rockies or further west~~ in the Rockies or further west.
15. Sign-off: Abbr.
17. The Falkland Islands "belong" to this continent: Abbr.
18. "What? An AUSSIE!?!? But my radio can just barely pick up the eastern U.S. clears on good nights!
20. 20-kW station on 900 in Lima, Peru. (Source: 1970 WRTVH)
21. This station, one of the most "common" Brazilians, is known as "Radio Mundial."
24. Argentina station on 1070.
25. Southern Command Network: Abbr. (NOTE: This is the "network" for ACN-790 & 1420 in the Canal Zone.)
27. Located in Tallahassee FL.
29. A 50,000-watt directional fulltime station in Seattle.
31. What 40-A sounds like at night, if you get too far away from Tucson.
32. Covers 1090 from Kingsport TN.
34. Animals that go "WHO?"
36. A "best Bet" for Australia, on the west coast, when Albuquerque is weak/absent.
37. This Nicaraguan used to badly het WCCO!
39. "Old style" (before postal abbreviations came into vogue) Abbr. for state where WCAZ-790 is located.
41. City and state for KOTD-1000: Initials.
42. Most common 845 TA is in this country.
43. This organization puts out nice street maps for cities; good for pinpointing radio stations, among other things.
45. Broadcasts near the bottom of the dial from Spokane WA.
48. I tried, but heard nothing new all morning!
50. "Dead" carrier without modulation or programming: Abbr.
51. The only "K" station in Tennessee!
52. Powerful Edmonton station.
53. Government station in Canada's capital.

55. The only station in Desoto MO.
56. Betcha they pay lotsa money to the announcers at this station!
58. Flush twice, it's a long way to Eureka!: Abbr.
59. The two call letter prefixes most commonly heard by the majority of us.
60. Station that is not yet on the air with testing or regular programming, or a pending technical change that hasn't taken place yet: Abbr.
61. Call-letter prefix used in Central America: Abbr.
62. Same clue as 61-D, but this one's gonna be backwards this time.
63. Two common letters in the Hawaiian language (they like vowels, y'know).