

91-258

Ohio Regional Planning Committee
c/o Donald G. Flahan, Chairman
Ohio Turnpike Commission
682 Prospect Street
Berea Ohio 44017

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December 9, 1991

Secretary
Federal Communications Commission
1919 M Street
Washington D C 20054

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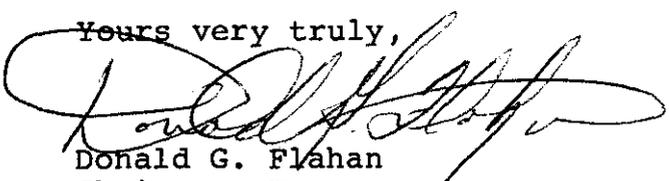
Reply Reference: 7330-02

Dear Sir:

Enclosed are changes made for the Ohio Plan (Region 33) per Docket 87-112, to reflect requirements of the Indiana Chairman (Region 14), so as not to cause adjacent state interference. All channel assignments addressed by Region 14 have been modified within the Region 33 Plan and approved by the Planning Committee on November 22, 1991. Channel Number 810 assigned to the Ohio Turnpike Commission will be used in the central area of Ohio only.

Enclosed are the revisions (one (1) original and five (5) copies of replacement pages) for Appendix "C", Page Nos. 1 through 18, 30 through 33 and Appendix "F", Page Number 8.

We hope that this revision of the plan is acceptable with you and is allowed to go through the remaining process.

Yours very truly,

Donald G. Flahan
Chairman, Frequency
Advisory Committee
APCO - Ohio Chapter

cc: Ralph Haller, Chief, FCC PRB
Thomas Stanley, Chief Engineer, FCC
Robert E. Tall, Exec. Dir., APCO
States of: PA, KY, MI, WV, IN

INDIANA 800 MHZ REGION PLAN COMMITTEE

FCC REGION 14

Donald W. Kottowski, Chairman
c/o Indiana State Police, Communications Division
100 North Senate Avenue, Indianapolis, Indiana 46204
TX: 317-899-8257

November 22, 1991

Betty Woolford
Federal Communications Commission
Private Radio Bureau
Policy and Planning Branch
Washington, D.C. 20554

RE: Ohio Region 33 Plan Comments and Cooperation

Dear Betty:

Attached are copies of letters and information sent to both Ali Shahnami of APCO and Don Flahan of Ohio regarding the Ohio Region 33 Public Safety Plan. While some of the conflicts have been resolved with channel substitution, there still remains some problems.

The Indiana Region 14 Plan Committee has an established sub-committee that met on October 29, 1991 and discussed the Ohio Plan issues. The attached copies of letters and related material were prepared after committee discussion on November 22, 1991.

A copy of the Indiana State Government Statewide 800 MHz Trunking System Channel Plan is included. This Channel Plan for Indiana Statewide channels was prepared to help adjacent state regions plan their frequency assignment planning. A copy of this plan was submitted to the adjacent regions on August 10, 1990. This plan was prepared utilizing sites already owned by the State of Indiana and most of which are equipped with Indiana State Police Microwave. The plan was not officially part of the Region Plan because different radio equipment vendors proposed different sites. Until the sites are "concrete" in exact location, the plan must be flexible. No changes have been made by the State of Indiana since that time.

The intent of this letter is to show you that the Indiana Region is trying to help adjacent regions with their Public Safety plans and to try and encourage the national office of APCO to maintain some kind of standards when running the "Packing Program" for adjacent regions.

It is felt by the Indiana Plan Committee, that no problems would have resulted if APCO had not reduced the co-channel and adjacent channel criteria and manually pulled out the statewide adjacent channels in running the "Packing Program" for the Ohio Region.

Sincerely,



Donald W. Kottowski
Chairman Region 14

DWK:dk

Attachments

INDIANA STATE GOVERNMENT
800 MHZ FREQUENCY GROUP PLAN
STATEWIDE CHANNELS

FREQUENCY RE-USE PLAN

	FCC Channel Number	Frequency Pair (MHz)
Group A	629	821.3750/866.3750
	669	821.9000/866.9000
	709	822.4250/867.4250
	787	823.4500/868.4500
	829	823.9750/868.9750
Group B	667	821.8750/866.8750
	705	822.3750/867.3750
	743	822.8750/867.8750
	781	823.3750/868.3750
	821	823.8750/868.8750
Group C	631	821.4000/866.4000
	707	822.4000/867.4000
	745	822.9000/867.9000
	783	823.4000/868.4000
	823	823.9000/868.9000
Group D	633	821.4250/866.4250
	671	821.9250/866.9250
	747	822.9250/867.9250
	785	823.4250/868.4250
	825	823.9250/868.9250
Group E	635	821.4500/866.4500
	673	821.9500/866.9500
	711	822.4500/867.4500
	749	822.9500/867.9500
	827	823.9500/868.9500
Group F	637	821.4750/866.4750
	675	821.9750/866.9750
	713	822.4750/867.4750
	751	822.9750/867.9750
	789	823.4750/868.4750
Group G	220	811.4875/856.4875
	260	812.4875/857.4875
	300	813.4875/858.4875
	340	814.4875/859.4875
	380	815.4875/860.4875

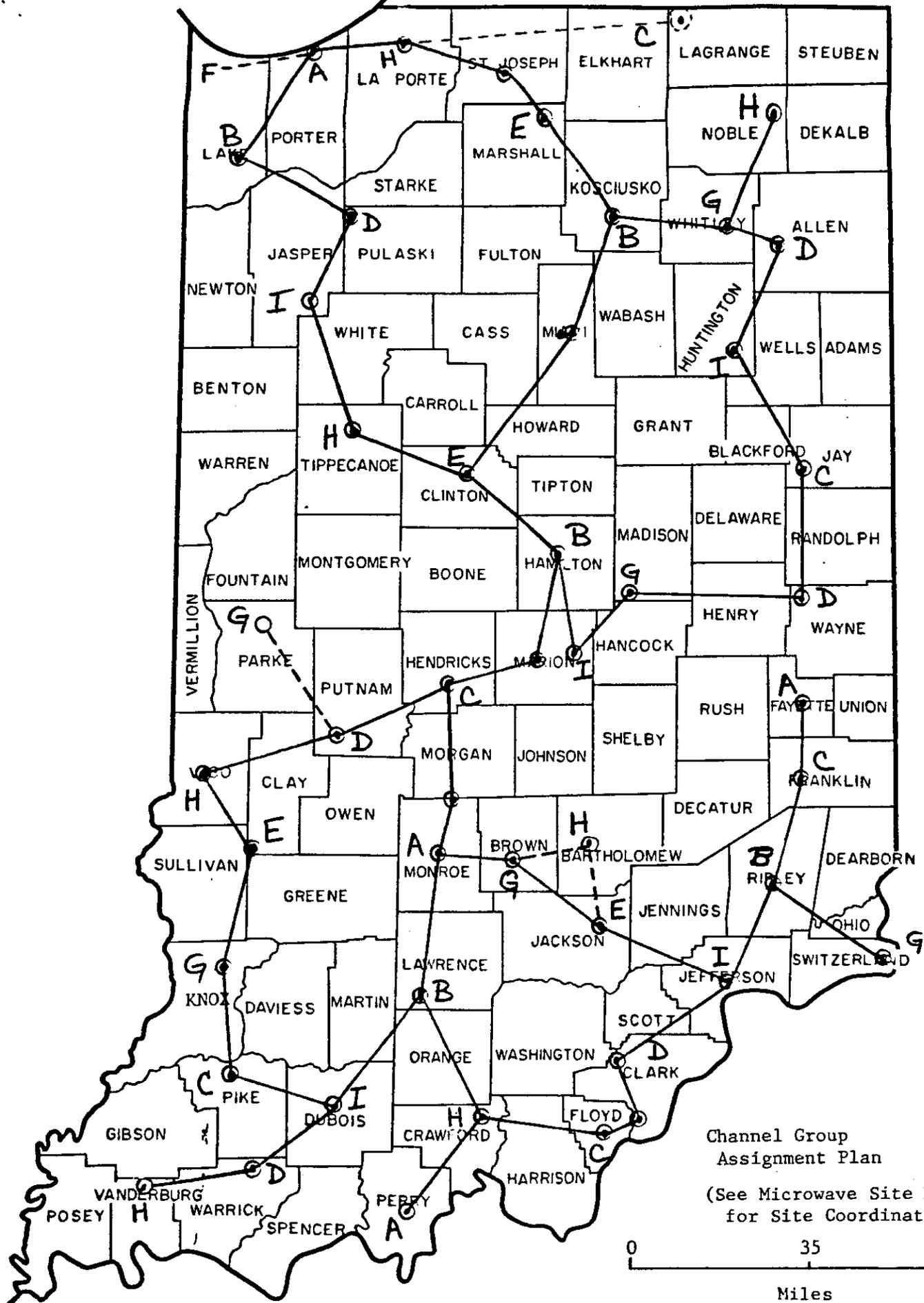
Group H	229	811.7125/856.7125
	269	812.7125/857.7125
	309	813.7125/858.7125
	349	814.7125/859.7125
	389	815.7125/860.7125

Group I	239	811.9625/856.9625
	279	812.9625/857.9625
	319	813.9625/858.9625
	359	814.9625/859.9625
	399	815.9625/860.9625

Group J	170	810.2375/855.2375
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TACTICAL GROUP

CALLING	601	821.0125/866.0125
TAC-1	639	821.5125/866.5125
TAC-2	677	822.0125/867.0125
TAC-3	715	822.5125/867.5125
TAC-4	753	823.0125/868.0125



INDIANA 800 MHZ REGION PLANNING COMMITTEE

FCC REGION 14

Donald W. Kottowski, Chairman
c/o Indiana State Police, Communications Division
100 North Senate Avenue, Indianapolis, Indiana 46204
TX: (317) 899-8257

August 7, 1991

Betty Woolford
Federal Communications Commission
Private Radio Bureau
Policy and Planning Branch
Washington, D.C. 20554

RE: Ohio Region Plan Conflicts with the Indiana Region

Dear Betty:

This letter is a follow up of our telephone conversation of August 6, concerning a number of conflicts on channel allocations with the Ohio Region Plan. The Indiana Region Planning Committee has not noted any conflicts other than those of the frequency allocations.

The following FCC Channel numbers have noted conflicts with Indiana Assignees:

	<u>Channel</u>	<u>Ohio Agency/Zone</u>	<u>Indiana Allocation</u>	<u>Approx. Distance (miles)</u>
P	621	Hamilton County	Bartholomew County	60
S	622	Zone 20	Wayne County	40
S	631	Dayton	Indiana State Gov.	30/50*
S	633	Zone 35	Indiana State Gov.	45/65*
S	635	Zone 35	Indiana State Gov.	45
S	651	Dayton	Randolph County	40
S	654	Statewide	Lagrange County	35
S	656	Cincinnati	Ripley County	30
S	667	Warren County	Indiana State Gov.	25/50*
S	678	Statewide	Blackford County	30

<u>Channel</u>	<u>Ohio Agency/Zone</u>	<u>Indiana Agency</u>	<u>Distance</u>
P 687	Hamilton County	Rush County	60
P 688	Zone 31	Jay County	50
S 705	Warren County	Indiana State Gov.	25/50*
M 716	Zone 20	Noble County	50
S 730	Cincinnati	Ripley County	30
M 734	Zone 13	Allen County	50
S 736	Statewide	Decatur County	35
S 738	Statewide	Huntington County	37
S 768	Cincinnati	Ripley County	30
S 789	Warren County	Indiana State Gov.	25
S 800	Dayton	Union County	35
S 805	Butler County	Switzerland County	45
S 809	Warren County	Fayette County	40
P 810	Turnpike	Adams County	55
S 812	Hamilton County	Jefferson County	45
S 814	Statewide	Whitley County	35
S 823	Dayton	Indiana State Gov.	30/50*
S 825	Dayton	Indiana State Gov.	30/48*

* Indiana State Government Sites that exist that will use the channel.

Note: The distances were taken from the potential service area map and may actually be closer or further away depending on where an actual transmitter site would exist. The letters "S", "M", or "P" preceding the channel number are explained below.

Out of the 28 conflicts, we feel that 22 are severe (S), and should not be allotted to the respective Ohio agency/zone. Two may (M) work with stringent limitations and limited to local area coverage, and four may be possible (P) provided proper distance and antennas are used.

The Ohio Agencies/Zones involved in the conflicts are mostly major population center areas as opposed to Indiana's lower population density areas. Losing any channels would be

detrimental to Indiana Agencies whose communications are now limited by the nearby Ohio agencies' control over most of the existing spectrum.

I had talked with Don Flahan of Ohio previously concerning their method of channel selection. Ohio did not like the scientific approach that APCO and the FCC were promoting but preferred the staggered area concept used before computers. Flahan advised that he would take whatever the National Office of APCO gave him for a Frequency Sort print out, put Ohio's name on it and submit it. He said he was tired of arguing that his method was best in Ohio. This is what they did on the last submission to you we find.

We were disappointed that the National Office of APCO's Alireza Shahnami recommended that the 40dbu criteria in the Frequency Sort program or Packing Program be reduced in order to fill the Ohio Region's needs. This caused the Indiana Region Planning Committee to have to do more hard work in defending its already approved Region Plan. I am not sure that this method, chosen by Shahnami, will create bad relations between our two states. I will be discussing this with APCO in Tulsa, Oklahoma next week and may meet Don Flahan there also.

Since Don Precure left APCO, it seems that good decision making and good technical assistance have disintegrated considerably. Don used good judgment and good common sense in working with us and that may have come with him from the FCC. I am sure your office will continue with its excellent service in helping us with our spectrum needs through the Region Plans.

I enjoyed talking with you the other day over these issues and I want to thank you for your assistance in this matter. I hope this letter brings you up to date on Indiana Region's viewpoint and if you need any further information, please call me.

Sincerely,



Donald W. Kottowski
Chairman, Region 14

DWK

Lmmd

Ohio Regional Planning Committee
c/o Donald G. Flahan, Chairman
Ohio Turnpike Commission
682 Prospect St
Berea OH 44017

RECEIVED

FEB 19 1991

7 MARCH 1991

C J Davis
CET Inc
1001 S Ridgewood
Edgewater FL 32132

Ref: Your letter of Feb 19, 1991

Dear Mr Davis:

The Region 33 Planning Committee met on February 21, 1990 and considered your referenced letter.

In view of the fact that many 806-821MHz channels have already been issued in the areas of concern, there is no need to worry about a future lack of channels in those areas. A reduction in 821-824MHz channels should have no effect.

Therefor, we ask that you alter our former request for channel as follows in the areas indicated:

CLEVELAND	5	Zone 15	5
AKRON	5	Zone 22	10
Summit County	5	Statewide	15
Medina County	5	Zone 16	10
Zone 19	10	Zone 26	3
Turnpike	4	Zone 6	7
Cuyahoga County	15	Zone 31	4
Zone 12	10	TOLEDO	10
		Zone 7	20

We hope that this will result in a successful run and we anxiously await your earliest completion so that we can again submit our Plan for consideration.

Thank you for your help. If there is anything further we can do to expedite this, please call at 216/234-2081 or fax at 216/234-1829.

Sincerely,

Donald G. Flahan, Chairman
Ohio (Region 33) Planning Committee

cc: Ralph Haller, Chief, FCC PRB
Thomas Stanley, Chief Eng'r, FCC
Robert E. Tall, Exec Dir, APCO

OHPLNLTR

PUBLIC SAFETY COMMUNICATIONS
REGIONAL PLAN
FOR
THE
STATE OF OHIO
(REGION 33)

Developed in accordance with Federal Communications Commission
General Docket No. 87-112
as adopted November 24, 1987 and released December 18, 1987

Originally drafted on February 10, 1989
Last Revised on APRIL 25, 1991

Planning convened on April 7, 1988
Regional Chairman:
Donald G. Flahan
Ohio Turnpike Commission
682 Prospect
Berea OH 44017
(216)234-2081

OHPLN88

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Appendices A and E may have been purposely omitted from some copies of this plan due to their volume.

-OHIO PLAN PARTICIPANTS-

- NAME -	- TITLE -	- ORGANIZATION -	- STREET ADDRESS -	- CITY -	ZIP
Maarf Adams		Motorola C & E	8827 N High St	Worthington	43085
Kurt Banford	Communications	Kirtland Hills P D	10155 Sperry Rd	Willoughby	44094
Harold Barber	Police Chief (Ret)	Union Twp P D	238 S Williams St	Newark	43055
Steve Baughn	Patrolman	Reynoldsburg P D	7240 E Main St	Reynoldsburg	43068
Fred J Benz	Fire Chief	Sycamore Twp F D	9610 Kenwood Rd	Cincinnati	45242
Gayle E Berry		Wright Sta Univrsty		Dayton	45435
David M Borden	Asst Administrator	City of Columbus	220 Greenlawn Ave	Columbus	43223
Edward Brisbin	Operations Manager	Syntonic Technology	5424 Warner Rd	Valley View	44125
W Eric Broviak		Geauga County Commu	12518 Marrit Rd	Chardon	44024
David Campbell	Dir of Transp Svcs	Ohio Dept of Eductn	65 S Front St #815	Columbus	43215
John N Campbell	Radio Tech Supervsr	Ohio D N R	830 Kinnear Rd	Columbus	43212
Dick Caplan		Toledo Edison	Davis-Besse N P P	Oak Harbor	43449
Richard Clippard	District Sales Mngr	G E Mobile Commun	5080 Sinclair Rd	Columbus	43212
Doug Coppess	President	Box 21 Rescue	P O Box 21	Dayton	45401
John Cozza	Executive Director	Org'd Crime Comm'n	P O Box 365	London	43140
David Grossnickle		Broadview Hts P D	8938 Broadview Rd	Broadview Hts	44147
Richard W Deal	Inspector	Montgmr County S O	41 N Perry St	Dayton	45422
W E Dennis	Director	Wood County E M A	1 Courthouse Square	Bowling Green	43402
Jim Detherage	Fire Chief	Union Twp Fire Dept	9119 Cinci-Dayton Rd	West Chester	45069
Dan Dunlap		Lake County Telecom	8505 Garfield Rd	Mentor	44060
Greg Eberenz	District Manager	Motorola C & E	8827 N High St	Worthington	43085
Tom Elrod		Moraine Police Dept	4200 Dryden Rd	Moraine	45439
Richard G Elsner	Sergeant	Montomry County S O	330 W Second St	Dayton	45422
Fred W Engleman	Bureau Chief	Gov's Ofc Crim Jstc	65 E State St #312	Columbus	43215
R E Erwin	District Sales Mngr	G E Mobile Commun	6862 Engle Rd	Middleburg Hts	44130
Guy Fashner	Fire Chief	Piqua Fire Dept	229 W Water St	Piqua	45356
Lynne Feller	Communic Supervisor	Wayne County Justice	201 W North St	Wooster	44691
William G Fenlon	Director	Warren County E M A	500 Justice Dr	Lebanon	45036
Donald G Flahan	Commun Coordinator	Ohio Turnpike Comm	682 Prospect St	Berea	44017
James Foster	Program Administ'r	Gov's Ofc Crim Jstc	65 E State St #312	Columbus	43215
Charles W Frank	Police Chief	Troy Police Dept	106 S Market St	Troy	45373
Allen F Girth	President	Mobilcom Inc	1211 Sharon Rd	Sharonville	45241
Mike Greenfeld	Systems Engineer	Motorola C & E	12955 Snow Rd	Parma	44130
James Greer		Ottawa County E M A	315 Madison St	Port Clinton	43452
Robert D Greer			2561 Vassar Place	Upper Arlington	43221
Marvin Grossman	Police Chief	Warrens ville Twp P D	4019 Northfield Rd	Warrens ville Twp	44122
John Hammond		Westerville F D	400 W Main St	Westerville	43081
John Hannum		City of Toledo	237 S Erie St	Toledo	43602
Ronald D Harbaugh	Asst Superintendent	City of Cinci Telec	1430 Martin Dr	Cincinnati	45202
E L Helton	Electronic Tech Mngr	Ohio Ste Hwy Patrol	660 E Main St	Columbus	43205
Fritz Henrich		City of Euclid Comm	585 E 222 St	Euclid	44123
William Hopstetter	Radio Tech Mgr	Ohio D N R	830 Kinnear Rd	Columbus	43212
Chester Jones	Radio Tech Mgr	Ohio Dept of Transp	1610 W Broad St	Columbus	43223
Terry Kirkpatrick	Safety Consultant	State Board of Educ	65 S Front St #916	Columbus	43215
Robert Kohn		Bedford Police Dept	65 Columbus Rd	Bedford	44146
Jack Krauss	President	Courtesy Amb Srvc	P O Box 8309	West Chester	45069

-OHIO PLAN PARTICIPANTS-

- NAME -	- TITLE -	- ORGANIZATION -	- STREET ADDRESS -	- CITY -	ZIP
James F Leonard	Dir of Disaster Svc	American Red Cross	995 E Broad St	Columbus	43205
Jack Liberator	Dir of EMS Training	Aultman Hospital	2600 6 St SW	Canton	44710
C E Linn	Communic Supervisor	City of Columbus	220 Greenlawn Ave	Columbus	43223
Paul M Mayer	Chf Radio Tech	Ohio Ste Hwy Patrol	660 E Main St	Columbus	43205
W I McCord	Consultant	Oh Dep of Admin Svc	65 E State St 8th Fl	Columbus	43216
Mark Meadows		Ohio State E M A	2825 W Dublin-Grnvle	Worthington	43085
Michael Morello		Motorola C & E	6827 N High St #111	Worthington	43085
Richard C Morrison	Fire Chief	Westrvlle Fire Dept	400 W Main St	Westerville	43081
David R Mote		Miami County Commun	701 S Miami St	West Milton	45383
Charles Mowery		Mt Victory Fire Dep	222 W North St	Mt Victory	43740
Bill Nissan		Ottawa County Fire		Clay Center	43408
Tom Oberliesen		Ohio Hospital Assn	21 W Broad St	Columbus	43215
James R Oldham, Sr	Fire Chief	Sprnfl'd Fire Dept	350 N Fountain Ave	Springfield	45504
Gene Park	Communic Director	Lorain County		Lorain	44035
Mark Patchen	Communic Officer	Ohio Emer Mgt Agncy	2825 W Dublin-Grnvle	Worthington	43085
Rodney Perenovich		Columbna County S O	227 N Market St	Lisbon	44432
Warren Powellson	Supt of Communicatns	City of Elyria	851 Garden St	Elyria	44035
John C Quisenberry		Avon Fire Dept	33152 Schwartz Rd	Avon	44011
Dwight E Radcliff	Sheriff	Pickaway County S O	121 W Franklin St	Circleville	43113
Paul S Reeves		P & R Communicatns	731 E First St	Dayton	45415
Russell V Robinson	Project Manager	RAM Communications	18311 W Ten Mile Rd	Scuthfield	43075
Ron Rose	Service Manager	Syntonic Technology	5424 Warner Rd	Valley View	44125
John Ross		Cols & Franklin EMS	756 Harmon Ave	Columbus	43223
William F Smith	Operations Director	Hamilton Cnty Commn	2377 Civic Center Dr	Cincinnati	45231
Ron Spring		Tipp City P D	3 East Main St	Tipp City	45371
Paul Stefanko	Supervisor	Lake County Telecom	8505 Garfield Rd	Mentor	44060
Timothy Steiner	Mngr of Telecommun	Oh Dep of Admin Svc	65 E State St 8th Fl	Columbus	43216
Michael Steins		Toledo Edison	Davis-Besse N P P	Oak Harbor	43449
David H Stewart		Lake County Telecom	8505 Garfield Rd	Mentor	44060
Michael L Surber		Ohio B C I & I	P O Box 365	London	43140
Scott Swearingin		Summit County E M A	175 S Main St	Akron	44308
Terry Tilton	Police Captain	Columbus Police Dep	1220 W Gay St	Columbus	43216
Janet Tracy		Bwlng Grn Ste Univ		Bowling Green	43402
Thomas A Trufant	Communic Administ'r	City of Columbus	220 Greenlawn Ave	Columbus	43223
W Bruce Umpleby	Chief Deputy	Stark County S O	P O Box 9279	Canton	44711
James Vetter	Nuclear Technician	Toledo Edison	300 Madison Avenue	Toledo	43623
John Vilagi	Police Chief	Avon Police Dept	36774 Detroit Rd	Avon	44011
Emil Vogel	Mgr, Spectrum Rescs	Motorola C & E	85 Harristown Rd	Glen Rock	07452
Fred Westburg		City of Lakewood	12650 Detroit Rd	Lakewood	44107
Dee D Wheeler		Ohio Dept of Transp	1610 W Broad St	Columbus	43223
Tony White	Police Chief	Piqua Police Dept	215 W Water St	Piqua	45356
Kenneth Wilkins		American Red Cross	995 E Broad St	Columbus	43205
Michael A Wolf		Xenia Fire Dept		Xenia	45385
Roger Wozniak	Area Sales Manager	Motorola C & E	12955 Snow Rd	Parma	44130
Jean Yarnell		Bwlng Grn Ste Univ		Bowling Green	43402

I. PURPOSE

1. Provide a plan, defining unified means for Public-Safety radio users to communicate within and among themselves.

2. Public-Safety spectrum users within Ohio recognize that radio spectrum is a highly valued and limited resource which necessitates orderly and efficient development of its use.

3. This Regional Plan was developed with the objective of assuring that unassigned frequencies would be distributed in an equitable fashion to those Public-Safety and Special Emergency Radio Service eligibles with the highest demonstrated need and that these frequencies would be assigned and used in the most efficient manner.

4. This Plan provides flexibility to accommodate a wide variety of specific communications requirements which are needed for Ohio's Public-Safety and Special Emergency service providers.

II. HISTORY

1. In December 1983, the United States Congress directed the Federal Communications Commission (FCC) to assure that the communications needs of state and local Public-Safety authorities would continue to be met. The recognition of Public-Safety needs and subsequent nation-wide allocation of an additional 6 megahertz (MHz) of spectrum for its use was inevitable. The FCC also recognized the necessity for a National Plan to promote interoperability among Public-Safety providers and to insure an efficient use of the newly-allocated spectrum.

2. Recognizing the importance of user participation in the development of a National Plan, the FCC established the National Public-Safety Planning Advisory Committee (NPSPAC). With open membership, NPSPAC provided the opportunity for the Public-Safety community and other interested persons to participate in an over-all spectrum management approach by recommending guidelines, technical standards and procedures to satisfy Public-Safety needs for the foreseeable future.

3. After consideration of NPSPAC's Final Report and comments filed in Docket No. 87-112, a Report and Order was released by the FCC on December 12, 1987 which established a structure for the National Plan consisting of guidelines for development of regional plans. The State of Ohio is designated as Region 33.

4. The National Plan reflects the FCC's regulatory objective of maximizing spectrum efficiency and ensuring sufficient flexibility to accommodate specific communications requirements in different areas of the United States. The National Plan serves as an umbrella under which regional plans are developed and implemented.

5. The National Plan provides guidelines for the development of regional plans with as much regional autonomy as practical to ensure that the needs of all eligibles are considered in the planning process.

6. On April 7, 1988, pursuant to the Public Notification of 87-112, a convening meeting was held (see Appendix A). Members and chairpersons of the planning committee were chosen and the Region divided into six (6) sub-regions. Each sub-region was instructed to develop its own plan which was then to be merged into the master Regional Plan.

7. On August 25, 1988, a meeting of members from all of the Sub-Regions was held to begin final plan formulation.

III. ORGANIZATION

1. All Public-Safety user groups were notified and invited to participate (see Appendix A-1 thru 11). Participants in the formation of the Regional Planning Committee represent interested parties from both the Public-Safety and Special Emergency Radio Services. More than fifty(50) persons have directly participated in the Plan development. Pages 2 & 3, herein, contain the names, organizational affiliations and mailing addresses of those who have contributed and attended meetings to formulate and review this Regional Plan.

2. Existing license authorizations were examined.

3. The Plan formulation is based upon contributions from all interested groups, study of existing licensed facilities from the coordinators' data base and information from surrounding Regions.

4. After compiling all written inputs to the Regional Plan, the Regional Planning Committee reviewed the completed draft in detail. Using the page-by-page review and explanation procedure by which NPSPAC approved its original report, the Regional Planning Committee approved the draft Plan. The draft was then submitted to the appointed conveners and/or Planning Committee Chairmen of the five(5) adjacent regions for their review, along with a letter stating that Region 33 Oversight Committee will coordinate all frequency assignments within 70 miles of their boundaries. Moreover, large metropolitan areas within 75 miles of Region 33's borders are essentially non-existent; hence adequate frequency reserve exists to assure availability in adjacent regions. Many of those areas are already licensed in the 806-821/851-866MHz portion. See Appendix E for copies of over 300 licenses.

08/24/89

IV. SPECTRUM ALLOCATION AND UTILIZATION

1. Region defined

a. A region is a geographic area that is so designated for some notable purpose. In Ohio, for Public-Safety communications purposes, it is that area having significant population and multiple administrative jurisdictions. The entities within that area intermingle so acutely that many of their abutting boundaries coalesce forming one massive "Region".

b. Within the "Region" are different kinds of jurisdictions ranging from state government to quasi-municipal organizations, such as townships, villages, water districts and fire districts with various Public-Safety responsibilities, extending from search & rescue during a crisis to immediate response requirements for the restoration and maintenance of roadways, utilities and other civil necessities.

c. The Region contains various classes of statistical areas (Appendix B-1). A Primary Zone includes agencies that are severely impacted by demand for scarce spectrum.

d. Primary Zones are the counties of: CUYAHOGA, FRANKLIN, HAMILTON, LUCAS, MONTGOMERY and SUMMIT, and may later include their surrounding major metropolitan areas as indicated on the map in Appendix B.

2. Usage guidelines

a. To maximize spectrum efficiency, systems operating or applying for authorization in Ohio (Region 33) having three(3) or more channels are required to be trunked. Systems having two(2) or less are to be conventional. Exceptions will be considered only after a substantial showing is made that alternative technology is at least as efficient as trunking or that trunking would be detrimental to operational needs. Exceptions will not be granted routinely, however, and strong evidence of trunking unacceptability must be included with the application in support of any request for exception.

b. Systems of two(2) or less channels operating in the conventional mode which do not meet FCC loading standards will be required to share their frequency(s) on a non-exclusive basis.

c. (Reserved)

d. State level Public-Safety communications will be reviewed for Regional impact on an individual basis. Statewide Public-Safety agencies will submit their communications plans to the Oversight Committee for compatibility impact approval within any Zone in which operation is intended.

e. County/multi-agency systems are designed to provide wide-area communication coverage and must demonstrate the need for such wide-area coverage. Coverage beyond the regularly used operating area of any system cannot be tolerated without a valid showing for the need for such coverage. When 800MHz trunking technology is utilized, the system design should provide for as many county/multi-agency Public-Safety users as can be technically managed by sub-fleeting and similar schemes.

f. Depending upon system loading, multiple systems, with intercommunications capability between them, may be required within a county/multi-agency Zone. In such cases, a "lead" agency within the Zone must implement the 800MHz "common" channels as defined in the applicable FCC Rules. Such implementation must be approved by the Oversight Committee.

g. Individual agency/licensee Public-Safety communications systems are to provide only the communications needed within its boundaries. If routine operation exceeds those boundaries, a reasonable showing must accompany any application to justify the additional coverage. If the number of in-service radios does not reach FCC-defined minimum loading within a reasonable time, the individual agency may be required to combine with a nearby higher level system, if available. As those higher level systems approach capacity, the system users may then subdivide into more satisfactorily-loaded systems.

h. Where small conventional 800MHz systems are requested, assigned frequencies are not to interfere with any Region's trunked systems. The 800MHz trunking technology is to be given priority over conventional systems. Subsequent higher technological development will be prioritized as availability permits in order to maintain compliance with FCC's spectrum utilization efficiency desires. Interference levels will be considered in view of the Services involved, with life and property protection receiving highest priority; disruptive interference with communications involved in those services is to be immediately addressed and viable solutions rendered. Complaints of co-channel interference within an authorized area of operation will be considered on a case-by-case basis.

j. An applicant for radio communications in the 800MHz Public-Safety services will be required to provide loading criteria information for its proposed system. The provisions of this Plan must be used as a guide for establishing new systems. Adherence for limiting coverage area to the applicant's normal operating area must be observed. Overlap or extended coverage must be minimized even where systems using 800MHz trunked radio are proposed to intermix systems for cooperative and/or mutual aid purposes.

k. To assure maximum reuse of the limited 800MHz spectrum, Antenna heights are to be limited to provide adequate coverage for a system. Antenna heights shall not exceed 500 feet above ground level (AGL) or above average terrain (AAT), whichever is less. In an application for exception, sufficient engineering data must be supplied with an impact statement to show that additional height is justified and no harmful interference will result to other users.

When antenna locations are restricted to only the "high ground", transmitter outputs and special antenna patterns must be employed to produce the proper effective radiated power (ERP) to result in the required coverage.

l. As part of this Plan, distances between transmitters for co-channel reuse will not be held to seventy(70) miles. Co-channel separation will be determined by coverage needs of the applicant, natural barriers, antenna patterning and limited ERP, where possible. System tests and/or propagation study results are to be provided with the application to help establish separation distances.

m. In view of the success of the MRD (Mobile Radio District) concept in use since the original Ohio Plan in 1973, the continued use of this concept, changing "MRD" to "Zone", was chosen as the one that affords the most practicality and spectrum efficiency for Region 33. Zones were configured to equalize population areas and encourage shared use of radio systems by small agencies. This method affords the least disturbance to systems already in place and serves as a starting point for assignments, but will not limit reassignment of low profile system frequencies in adjacent zones nor co-channel shared use in the same zone. A basis for this concept is the systematic assignment of shared channels to contiguous clusters of local users and the ability of the coordinator to reevaluate existing systems and work with the licensees to improve both spectrum and system efficiency. The above concept was combined with the APCO Packing Program giving the assignments in Appendix C.

n. Many 800MHz systems are already authorized in existing (806-821/851-866MHz) band (see Appendix E), reducing the immediate needs in the new (821-824/866-869MHz) allocations in the large metropolitan zones.

3. Assignment of frequencies

a. Nineteen(19) channels are reserved and designated as "State Agency" channels. These channels are divided into three(3) groups.

GROUP I consists of Five(5) channels reserved for agencies directly involved with law-enforcement.

These are channel numbers 646, 654, 690, 718 and 736.

GROUP II, ten(10) channels, may be used by any State Agency eligible under Part 90 and are channel numbers 648, 678, 692, 720, 738, 758, 765, 777, 779 and 814.

GROUP III, four(4) channels are reserved for toll roads to be used by the Ohio Turnpike, available for sharing, upon request from adjacent regions' toll road systems. These are channel numbers 658, 697, 767, & 810.

Toll roads provide or contract all Public-Safety services for the motoring public as well as their own toll facilities. Toll roads make up a significant portion of the Federal Interstate System especially in the eastern part of the country. They are also called upon by agencies of the Federal Government to handle special

loads (overlength, overwidth, overheight), hazardous materials, etc.

They are wide-area ribbon-type operations needing high quality reliable communication systems without interference from other users. Individual integrity as well as ability to communicate with neighboring agencies along their boundaries is vital. These frequencies may be assigned on a non-interfering basis, to other users.

b. All other allocations will comply with Appendix C, except Cuyahoga County which will comply with Appendix G.

c. The assignments described in a) and b) above are to be used as a guide and loaded into the APCO Automated Frequency Coordination (AFC) data base. When combined with the "AUTO-FIND" and "AUTO-CHECK" programs, assignments will be made and checked to assure most effective spectrum usage while avoiding co-channel conflicts. An additional Data Base is maintained by the Oversight Committee; it provides geographical information to maintain the 70 mile co-channel user separation and cross-checks the APCO Data Base to assure accuracy and spectrum efficiency.

d. This Regional Plan considers communications parameters and assures availability of adequate spectrum to meet the needs of all eligible applicants in the FCC's Public-Safety Radio and Special Emergency Radio Services. All such identified needs have been met. Additionally, this Regional Plan considers the communication needs of those Public-Safety service-associated operations as the Regional Oversight Committee may deem appropriate, considering local area conditions.

4. Reassignment of frequencies

a. It is anticipated that in all but the most unusual cases, frequencies presently used by a licensee will be released for reassignment. The FCC-authorized frequency coordinators have the authority to reassign these released channels to agencies awaiting channels in the lower bands. Normal coordination procedures will be followed with these "take-back" channels except that the applicant evaluation criteria established in the National Plan is to be considered. In all cases, area of coverage and channel loading criteria will be applied, except upon unique circumstances, after receiving a waiver from the Regional Oversight Committee. It is not consistent with the goals and objectives of this Region to permit the direct transfer of radio frequencies between agencies. All frequencies are to be returned to their respective "pools" to be assigned through the appropriate Coordinator for the most beneficial public use. Similarly, an agency is not to "farm down" frequencies to other services within their agencies simply to take advantage of the "surplus" equipment; there may be a more essential need elsewhere.

b. Frequencies licensed to State law-enforcement agencies, with the exception of 45.10MHz, 45.22MHz and 45.26MHz are dedicated "State Police" frequencies per FCC Rule Section 90.10(e)(12). Since these cannot be re-used by other than state law-enforcement organizations, it is not necessary for them to be surrendered until such time as the licensee deems they are no longer needed.

5. Supplement to the application form (FDR-3)

With each application (APCO form FDR-3 and FCC form 574) submitted to the Frequency Advisory Committee (FAC), the applicant shall also supply the following supplemental information:

Statement of need for a new system.

Details of the jurisdictional survey showing minimum radio coverage required.

Explanation of how the system will interoperate with related services in other bands.

Explanation of any budget commitment that has been made for the proposed system.

Proposed time schedule for implementation.

Explanation of how system will interface/interoperate with long-range radio communication such as amateur, satellite and/or emergency management communications systems.

Explanation and certification of how the applicant will comply with the common channel requirements.

Explanation as to the extent of participation in a cooperative/multi-agency system.

Explanation and time schedule for vacating presently authorized frequencies (if any).

V. COMMUNICATIONS INTEROPERABILITY

1. Common channel implementation

The implementation of the Common Channels required by the National Plan utilizes a two-tier network.

a. The Calling Channel is a full mobile relay.

Wide-area transmitters shall be installed and maintained to assure coverage in all Zones where more than one(1) 800MHz system is operational. Where there are large system users (5 or more 800MHz channels), satellite receiver feeds may need to be provided to enhance the transmitter's coverage area. A station designated by the Oversight Committee in each Zone is responsible to assure that a watch is maintained on the Calling Channel at all times. Any or all agencies in the State may be authorized a control station for the purpose of monitoring and rendering assistance on the Calling Channel. On a Zone basis, to the extent that it will not deter transient mobiles from communicating in an emergency, an access coding/decoding scheme may be employed by mobiles and monitoring base stations to limit reception of unrelated calling messages.

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b. Tactical Channels are geographically assigned throughout the Region. One or two localized mobile relay stations will be installed to cover specific geographical areas; this gives a fixed number of working channels in an area. In highly urbanized areas, multiple channels may be implemented. Placement and coverage of these systems are controlled by the Oversight Committee to permit reuse several times within the Region (State). "Talk-around" on all four tactical channels provides additional on-scene communications to supplement local mobile relay.

c. Existing High-band Common Channels will be maintained and used in areas not having access to 800MHz systems. Where applicable, 800MHz common channels shall be cross-repeated to existing High-band Mutual Aid channels in accordance with the uses listed as follows:

OHIO LEERN....	154.935MHz,	Police use only.
OHIO INTERCITY	155.370MHz,	Police use only.
NLEF.....	155.475MHz,	Police mobile use only.
EMA.....	155.805MHz,	Emerg. Mngmnt use only.
FIRE.....	154.280MHz,	Fire use only.
EMS.....	155.340MHz,	Emerg. Medical use only.
EMS.....	155.280MHz,	Emerg. Medical use only.

2. Areas of operation

The total area of operation includes the entire Region as defined elsewhere in this Plan and extends outward to include the total system area of any system of which any portion thereof falls within the Region.

3. Operation on the common channels

a. The five(5) interoperable channels are to be used only for activities requiring inter-communication between agencies not sharing any other compatible communications systems. Interoperable channels are not to be used by any agency for daily operations or intercommunications when another means is readily available. One or more Tactical Channels may be assigned by a primary dispatch center to accommodate a specific emergency situation.

b. Participants in the interoperability channels include Federal, State and Local Emergency Management Agencies. Police, Fire and providers of Basic and Advanced Life Support Services are the primary using agencies. Others in the Public-Safety Radio Service may also participate to the extent required to insure the safety of the public.

c. It is permissible to include school bus operators into interoperability to the extent that such facilities are enrolled in an emergency evacuation plan under the auspices of an Emergency Management Agency.

d. It is permissible to include Public Utilities into interoperability to the extent required for successful coordination of an emergency situation and as determined by local Public-Safety licensees.

4. Sub-regions

The Region is divided into Sub-regions or Zones that conform with State political boundaries. Within each Sub-region the Oversight Committee shall designate an appropriate agency (usually the local Ohio State Highway Patrol Post) to establish a primary Public-Safety dispatch/watch center.

Each such center shall:

Operate a base station, monitor and act as net control on the National Public-Safety Calling Channel.

Operate base or control station(s) on one(1) or more of the four(4) National Public-Safety Tactical Channels.

Coordinate with adjacent primary Public-Safety Dispatch Centers as well as other central points of the State.

5. Operating procedures

a. Plain English shall be used on all Common Channels at all times. Users come from varied backgrounds and disciplines each having their own "language"; the use of unfamiliar terms, phrases or codes during an emergency could cause confusion, jeopardize the emergency operation and negate the interoperability concept.

b. The agency designated by the Oversight Committee in any Zone will take necessary steps to assure that proper operating procedures are followed on their systems.

6. Calling channel (CALL)

The Calling Channel shall be used to contact other users in the Region that can render assistance at an incident. This Channel shall not be used as an ongoing Working Channel. Once contact is made between agencies, an agreed upon Tactical or Mutual Aid Channel shall be used for continued communication.

7. Tactical channels (TAC1 thru TAC4)

These frequencies are reserved for use by those agencies involved in interagency communication. Incidents requiring multi-agency participation will use these frequencies as directed by the agency assuming responsibility for an incident or area of concern. These frequencies may be subdivided into use by various Public-Safety Services as needed. Temporary use of one of these channels is permissible in the event of failure of an agency's main system.

8. Primary network control center

An area-wide Calling Channel will be established which will be monitored by a communications center designated by the Oversight Committee as Primary Net Control (See V.4). It is the responsibility of this center to respond to calls for assistance from any vehicle or dispatch point within its range. The Net Control will coordinate the assignment of Tactical Channels for ongoing emergency operations consistent with the geographic location of the emergency. Other Public-Safety licensees are encouraged to establish a dispatch point (control station) on the Calling Channel and any Tactical Channels that are operational within their area of jurisdiction.

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9. Network operating method

a. A network will be established on the Calling Channel (CALL). This network will be wide-area to cover large sections of the State (Region). Multiple networks may be required to cover the outlying areas of the Region (State).

b. Communications systems on TAC1 thru TAC4 will be implemented by agencies on a distributed coordinated basis. Every Primary County of the region is intended to be covered by at least one of the TAC Channels. In areas not supporting an 800MHz trunked system, Common Channels will be used through mobile-to-mobile talk-around. Mobile relays on TAC1 thru TAC4 will be on a limited coverage design to permit reuse of the Channel several times within the Region and adjacent Regions.

10. Encryption standards

a. The use of encryption in the Ohio Region's Plan is encouraged for those agencies that, as part of their operation, have need to conduct covert operations requiring some assurance of security. The Plan recommends encryption techniques that provide high security levels as well as good voice reproduction.

b. Systems in which encryption is used are to be configured in such a way that garbled encrypted audio is not heard by other system users.

c. The nature of communications on the five(5) Common Channels to support a national system for interoperability. The use of encrypted communications on these Channels is prohibited.

11. Use of long-range communications

a. Major incidents may require the need for alternate long-range communications. Plans for using such alternative systems are to be addressed by lead agencies within the Region. These agencies shall integrate the appropriate interface to the five(5) National Channels as a minimum. Such long-range communications may employ the use of amateur, satellite and/or Emergency Management Agency systems, any or all of which should be incorporated as part of the communications plans for all lead agencies, as availability permits. Lead agencies will be depended upon to provide communications for themselves as well as smaller agencies in and out of the general area. Instances addressed in the National Public-Safety Planning Advisory Committee's (NPSPAC) Plan such as natural and man-made disasters could cause the need for such long-range communications.

b. The use of a mobile radio as a telephone via "interconnect" through a trunked or other two-way mobile radio system normally requires a significant amount of "air time"; therefore, automatic interconnects are not recommended for systems implemented under this Regional Plan. The use of existing Cellular Telephone networks for access to the Public Switched Telephone Network (PSTN) is recommended and will not impact Public-Safety systems. Where Cellular Telephone is not available or practical, interconnect is to be implemented under dispatcher control.

12. Aircraft-to-ground communications

- a. The use of mobile radio in an aircraft shall be restricted.
- b. Power output, when used to access a trunked system, shall be 2 watts ERP or less to minimize possible interference to distant systems.
- c. Routine accessing 800MHz trunked system by aircraft more than 1000 feet above ground level (AGL) is not permitted due to potential interference with distant systems.
- d. In conventional systems, an aircraft frequency, capable of being cross-patched under dispatcher control, shall be designated in each operating area for communication with dispatch centers and other Public-Safety aircraft.

VI. EQUIPMENT COMPATIBILITY & TECHNICAL STANDARDS

1. Definitions

- a. **Compatibility:** The ability for all pieces of radio equipment within a Trunking Group to operate within its trunking system.
- b. **Interoperability:** The ability for all Public-Safety radio equipment to have a means by which to intercommunicate when required for the welfare of the public.

2. Within FCC Rules, radio equipment used within a "Trunking Group" will be compatible to the extent that the system can be configured to allow intercommunication, as required, between all agencies by use of its trunking system.

3. All radio equipment used in the Region will be compatible to the extent that it meets FCC Rules and is capable of intercommunicating on an appropriate "conventional" channel by whatever means has been provided in a particular geographical area.

VII. OPERABILITY PERPETUATION

1. Continuation of current Local Operating Networks is to be encouraged.
2. Migration to 800MHz or other bands is encouraged as frequencies become available.
3. Formation of Trunking Groups of eligible users is to be encouraged.
4. Formation of Trunking Groups in major metropolitan areas is to be encouraged.
5. Definition. "Trunking Group": A contiguous group of eligible Public-Safety radio users who form or become members of any organization for the purpose of operating a shared Trunking Radio System.

VIII. TRAINING

1. The State shall offer and maintain state-of-the-art training for communicators.
2. The APCO Communicators' Training Course is recommended as a common training base for all Public-Safety Communicators.

IX. OVERSIGHT

1. The Oversight Committee shall be the Frequency Advisory Committee of the Ohio Chapter, Associated Public-Safety Communications Officers, Inc (OHIO APCO FAC).
2. The Committee shall be representative of all Public-Safety users.
 - a. Each User Group (see Appendix D-3) shall provide one(1) representative; if any User Group fails to provide a representative, its position will be left vacant while the Committee operates in the usual manner.
 - b. Up to five(5) additional members of each User Group may be ex-officio members of the Committee.
 - c. In matters requiring a vote, each user Group present at the meeting is to be considered based upon the Point Value Ratings specified in Appendix D on page D-3. Simple majority will rule.
 - d. The Chairman shall be the recognized APCO Local Advisor. The Chairman shall decide tie votes, not be counted as a user group representative and may promulgate rules, in addition to those herein, as necessary to assure proper operation of the coordination process.

08/25/89

e. Roberts Rules of Order shall govern all matters not covered herein.

3. The Committee shall act impartially regarding all Plan matters.

4. The Committee shall evaluate applications where conflict exists for available spectrum in accordance with the EVALUATION CRITERIA described in Appendix D.

5. The Committee shall accept and review matters from any user or user group within Region 33 or adjacent regions.

6. The Committee may revise or modify this Plan as deemed necessary to keep pace with advancement in technology and changing user needs. *submit to FCC*

7. Exceptions for State agencies

a. While the NPSPAC Final Report recommended and the FCC concurred, that trunking technology be employed by those licensees requesting "more than four(4) channels" (at one site), the Ohio Plan requires trunking for licensees having more than two(2) channels at a single site.

b. Exceptions to this guideline rests with a committee consisting of persons responsible for routine frequency coordination within the Department of Transportation and the Department of Highway Safety, Division of Highway Patrol and the Ohio Frequency Advisory Committee (FAC) Chairman. If one of the above named persons holds two(2) positions on this committee, a third person is to be named by the Manager, State Telecommunications Division, Department of Administrative Services.

c. The purpose of this committee is to review plans of any state agency requesting more than two(2) conventional single-site channels and to study the methods of spectrum management and efficiency of use. This committee shall also review and advise on geographic separation cases where a similar or the same agency requests co-channel use with an existing system less than seventy(70) miles apart. The Chairman shall also review all plans with the Oversight Committee and forward the findings to the FCC for final determination.

8. Exceptions for all other agencies

a. Applicants for exceptions to the Plan shall submit them to the Oversight Committee.

b. The Oversight Committee shall review the exceptions and tender their recommendation to the applicant for disposition as necessary.

Location of the Whitehall City School District
Helen Williams
Treasurer
2-23-29 3-7-14

NOTICE OF PUBLIC HEARING
The Ohio Department of Education in accordance with the Carl D. Perkins Vocational Education Act of 1964 (Public Law 98-524), hereby gives notice of the opportunity for public comment on the State Plan for the Administration of Vocational Education in Ohio July 1, 1988 through June 30, 1991. The state plan qualifies Ohio for the receipt of federal funds under P.L. 98-524, and provides direction for the development and improvement of vocational education in Ohio.

The public hearing will be held at the State Board of Education meeting on Monday, April 11, 1988 for the purpose of accepting public comment. The meeting will be located in Hearing Room #1, 65 South Front Street, Columbus, Ohio. Copies of the state plan may be obtained by writing the Ohio Department of Education

Division of Vocational and Career Education
Room 907
Ohio Department Building
65 South Front Street
Columbus, OH 43266-0308
3-7

NOTICE TO BIDDERS

Sealed bids will be received by the Office of the Clerk-Treasurer, Board of Trustees, The Public Library of Columbus and Franklin County, 28 South Hamilton Road, Columbus, Ohio 43213 until 12:00 (twelve o'clock) noon, local time, Monday, March 21, 1988, and will be publicly opened and read immediately thereafter for all labor, material and services necessary for the:

- MAIN LIBRARY as follows:**
a) Bid Package No. 2 - SITE CLEANING and ROUGH SITE GRADING, EXCAVATION AND BACKFILLING.
b) Bid Package No. 3 - SHEETING AND SHORING.
c) Bid Package No. 4 - EXISTING BOILER ROOM MECHANICAL MODIFICATIONS.

The following Bid Packages are Minority Set Aside:
d) Bid Package No. 5 - EXISTING BOILER ROOM ELECTRICAL MODIFICATIONS.
e) Bid Package No. 6 - SAFETY AND GENERAL CONDITIONS.

all in accordance with the Contract Documents dated February 22, 1988, and any addenda thereto, prepared by Design Group, Inc., architect for said work. A single bid will be received for each BID PACKAGE stated above. Contract Documents may be examined after February 24, 1988, at the Owner's Office, 28 South Hamilton Road, Columbus, Ohio 43213; the Builder's Exchange, 1175 Dublin Road, Columbus, Ohio 43215; the F.W. Dodge Corporation Plan Room, 3592 Corporate Drive, Suite 106, Columbus, Ohio 43229; the Associated Builders and Contractors, Inc., ABC Plan Room, 2700 E. Dublin Grand Road, Columbus, Ohio 43229, and the offices of Turner/Smoot, Construction Manager, 370 E. Town Street, Columbus, Ohio 43215.

Copies of the Contract Documents may be obtained from: TURNER/SMOOT, J.V. Construction Manager
370 E. Town Street
Second Floor
Columbus, Ohio 43215

Dodge Reports SCAN, Cleveland, OH 44115
Builders Exchange of Central Ohio, Columbus, OH 43215.

F.W. Dodge, Columbus 43229
ABC Plan Room, Cc OH 43229.

Copies of the Notices
Form of Bid, Form of Bond, Form of Contract, EEO Bid Cost Instructions to Bidders, General Conditions, Plans, Specifications and other Documents (together with further information) may be obtained by Contractors from the office of McDonald, Cassell & Co., 2079 West Fifth Street, Columbus, Ohio 43221-488-3953. All bidders must be for SHIPPING CHARGE LECT upon receipt of bid in the amount of \$1.00 per set in favor of McDonald, Cassell & Co. It will be refunded to the bidder upon receipt of bid. The low bidder retains the plans and specifications and the deposit will be refunded. Subcontractors and suppliers may accept their convenience. Plans, Specifications or drawings thereof by paying cost of reproduction and delivery.

CONTRACTORS REQUIRING ASSISTANCE IN SECURING BIDS FROM CERTIFIED MBE SUBCONTRACTORS AND SUPPLIERS MAY CONTACT THE STATE EMPLOYMENT COORDINATOR BY CALLING 614-466-5700 OR THE MINORITY BUSINESS DEVELOPMENT DIVISION BY CALLING 614-466-5700 OR FREE ON 1-800-282-1885.

Each bid must be accompanied by a BID GUARANTEE meeting the requirements of Section 153.06 of the Ohio Revised Code. THE MINIMUM GUARANTEE AND CONTRACT MUST BE ISSUED BY A SURETY COMPANY MEETING THE REQUIREMENTS OF ARTICLE 2 OF THE INSTRUCTION TO BIDDERS. Bids shall be sealed and addressed to: DIRECTOR OF ADMINISTRATIVE SERVICES, DIVISION OF PUBLIC WORKS, OFFICE OF THE STATE ARCHITECT AND ENGINEER, 35TH FLOOR, COLUMBUS, OHIO 43215.

The Minimum Requirements of Code Chapter 4119, Equal Employment Opportunity Bid Conditions, Revised Code Section 153.591 and the Minor's Executive Order January 7, 1972 are applicable to this bid invitation. THE MINORITY BUSINESS DEVELOPMENT DIVISION OF PUBLIC WORKS, OFFICE OF THE STATE ARCHITECT AND ENGINEER, 35TH FLOOR, COLUMBUS, OHIO 43215.

SECTION 123.151(C) (2) and (3), RELATING TO MINORITY BUSINESS ENTERPRISE SUBCONTRACTS AND MATERIAL PURCHASE AND SERVICE SUPPLY CONTRACTS, ARE APPLICABLE TO THIS INVITATION TO BID. No bidder may withdraw his bid within sixty (60) days after the actual date of the opening thereof. The Deputy

claiming the liquidation should be addressed to: Ohio Department of Insurance

February 21, 1988
PUBLIC NOTICE

To all Public Safety Organization Administrators: Having been duly certified to the Federal Communications Commission (FCC) by the Associated Public-Safety Communications Officers, Inc. (APSCO) as the Convener of an initial meeting of representatives of parties eligible for radio licensing in the FCC's Public Safety and Special Emergency Radio Services to establish a Regional Planning Committee in the State of Ohio (also known as Region 33), I hereby give PUBLIC NOTICE that such initial meeting will be held on THURSDAY APRIL 7, 1988 at the STATE FIRE TRAINING ACADEMY, 1895 E. MAIN ST., REYNOLDSBURG, OH (suburb of COLUMBUS) beginning at 10:30 am. Region 33 is one of 48 established by the FCC throughout the country. The responsibility of the Regional Planning Committee is to develop a Plan for use of frequencies in the 421-424 and 464-469 megahertz bands recently allocated by the FCC for use-by such licensees. It is essential that participants in the Committee be representative of all Public Safety and Special Emergency Radio Services from all parts of the state. Participation in this planning process will ensure that the interests of all eligible entities be considered. If you are not communication-oriented, please delegate at least one person with some communication interest to represent your organization. Parties interested in participating in the regional planning process should contact me as soon as possible. THIS PUBLIC NOTICE is in accordance with the FCC's Report & Order in General Docket No. 87-112, adopted by the FCC on November 24, 1987 and released on December 18, 1987. The Report & Order was based largely upon the Final Report of the National Public Safety Planning Advisory Committee (NPSAPAC), which was submitted to the FCC on September 9, 1987. Copies of the General Docket 87-112 and the NPSAPAC Final Report are available from the FCC's duplication contractor: International Transcription Services, Inc., Suite 140, 2100 M St. NW, Washington DC 20037. Phone (202) 857-3800. Donald G. Flanagan, Regional Convener, Ohio Turnpike Commission, 582 Prospect Street, Berea, Ohio 44017. Tel: (216) 234-2681 3/7

Documents may be obtained after February 15, 1988 at the Owner's Office, Hamilton Road, Columbus, Ohio 43213; the Builders Exchange, 1175 Dublin Road, Columbus, Ohio 43215; the F.W. Dodge Corporation Plan Room, 3592 Corporate Drive, Suite 106, Columbus, Ohio 43229; the Associated Builders and Contractors, Inc., ABC Plan Room, 2700 E. Dublin Grand Road, Columbus, Ohio 43229, and the offices of Turner/Smoot, Construction Manager, 370 E. Town Street, Columbus, Ohio 43215.

of the Contract Documents may be obtained from: NOLAN, LTD East Broad Street Columbus, Ohio 43202 home: (614) 233-2623 must be accompanied by a Bid Guaranty of a 3 or cashier's check or of credit. The Bid Guaranty/Check/Letter of shall be ten (10%) of the bid plus all project is subject to Chapter 4115 of the Ohio Revised Code regarding Prevailing Rates of Wages. A PRE-BID CONFERENCE to receive any questions pertaining to the Project will be held at 10:00 a.m. on February 25, 1988, at the Public Library of Columbus 4 Franklin County, 28 South Hamilton Road, Columbus, OH 43213. No Bidder may withdraw his bid within sixty (60) days after the actual date of the opening thereof. The Deputy

after the actual date of the opening thereof. The Deputy Director, Division of Public Works, reserves the right to waive any informalities or to reject any or all bids. THE DEPARTMENT OF ADMINISTRATIVE SERVICES DIVISION OF PUBLIC WORKS DANIEL F. SHIELDS, DEPUTY DIRECTOR 2/18-23-29 3-7

PUBLIC BID ADVERTISEMENT
Pursuant to the provisions of Section 153.06 and 153.07 of the Ohio Revised Code, public notice is given that sealed proposals will be received by the DEPARTMENT OF ADMINISTRATIVE SERVICES, DIVISION OF PUBLIC WORKS, OFFICE OF THE STATE ARCHITECT AND ENGINEER, 30 EAST BROAD STREET, STATE OFFICE TOWER, 35TH FLOOR, COLUMBUS, OHIO 43266-0403 until Tuesday, March 15, 1988 at 1:00 p.m. Eastern Standard Time and thereafter the making the location and

Director of the Ohio Department of Transportation, Columbus, Ohio, until 10:00 A.M. Ohio Standard Time, Tuesday, March 29, 1988, for improvements in Delaware, Fayette, Franklin, Madison, Marion, Morrow, Pickaway and Union Counties, Ohio, on various routes and sections in Delaware, Fayette, Franklin, Madison, Marion, Morrow, Pickaway and Union Counties, Ohio, by removing and upgrading existing expressway and freeway signing. Project Length: 0 00 feet or 0 00 miles. Work Length: 559,900.00 feet or 10.65 miles. Pavement Width: Variable.

The Ohio Department of Transportation hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award. Minimum wage rates for this project have

CONTRACTORS REQUIRING ASSISTANCE IN SECURING BIDS FROM CERTIFIED MBE SUBCONTRACTORS AND SUPPLIERS MAY CONTACT THE STATE EMPLOYMENT COORDINATOR BY CALLING 614-466-5700 OR THE MINORITY BUSINESS DEVELOPMENT DIVISION BY CALLING 614-466-5700 OR FREE ON 1-800-282-1885.

Each bid must be accompanied by a BID GUARANTEE meeting the requirements of Section 153.54 of the Ohio Revised Code. THE BID GUARANTEE AND CONTRACT BOND MUST BE ISSUED BY A SURETY COMPANY MEETING THE REQUIREMENTS OF ARTICLE 2 OF THE INSTRUCTION TO BIDDERS. Bids shall be sealed and addressed to: DEPARTMENT OF ADMINISTRATIVE SERVICES, DIVISION OF PUBLIC WORKS, OFFICE OF THE STATE ARCHITECT AND ENGINEER, 30 EAST BROAD STREET, STATE OFFICE TOWER, 35TH FLOOR, COLUMBUS, OHIO 43266-0403 until Tuesday, March 15, 1988 at 1:00 p.m. Eastern Standard Time and thereafter the making the location and

after the actual date of the opening thereof. The Deputy Director, Division of Public Works, reserves the right to waive any informalities or to reject any or all bids. THE DEPARTMENT OF ADMINISTRATIVE SERVICES DIVISION OF PUBLIC WORKS DANIEL F. SHIELDS, DEPUTY DIRECTOR 2/18-23-29 3-7

PUBLIC BID ADVERTISEMENT
Pursuant to the provisions of Section 153.06 and 153.07 of the Ohio Revised Code, public notice is given that sealed proposals will be received by the DEPARTMENT OF ADMINISTRATIVE SERVICES, DIVISION OF PUBLIC WORKS, OFFICE OF THE STATE ARCHITECT AND ENGINEER, 30 EAST BROAD STREET, STATE OFFICE TOWER, 35TH FLOOR, COLUMBUS, OHIO 43266-0403 until Tuesday, March 15, 1988 at 1:00 p.m. Eastern Standard Time and thereafter the making the location and

after the actual date of the opening thereof. The Deputy Director, Division of Public Works, reserves the right to waive any informalities or to reject any or all bids. THE DEPARTMENT OF ADMINISTRATIVE SERVICES DIVISION OF PUBLIC WORKS DANIEL F. SHIELDS, DEPUTY DIRECTOR 2/18-23-29 3-7

Director of the Ohio Department of Transportation, Columbus, Ohio, until 10:00 A.M. Ohio Standard Time, Tuesday, March 29, 1988, for improvements in Delaware, Fayette, Franklin, Madison, Marion, Morrow, Pickaway and Union Counties, Ohio, on various routes and sections in Delaware, Fayette, Franklin, Madison, Marion, Morrow, Pickaway and Union Counties, Ohio, by removing and upgrading existing expressway and freeway signing. Project Length: 0 00 feet or 0 00 miles. Work Length: 559,900.00 feet or 10.65 miles. Pavement Width: Variable.

The Ohio Department of Transportation hereby notifies all bidders that it will affirmatively insure that in any contract entered into pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award. Minimum wage rates for this project have

CONTRACTORS REQUIRING ASSISTANCE IN SECURING BIDS FROM CERTIFIED MBE SUBCONTRACTORS AND SUPPLIERS MAY CONTACT THE STATE EMPLOYMENT COORDINATOR BY CALLING 614-466-5700 OR THE MINORITY BUSINESS DEVELOPMENT DIVISION BY CALLING 614-466-5700 OR FREE ON 1-800-282-1885.

Each bid must be accompanied by a BID GUARANTEE meeting the requirements of Section 153.54 of the Ohio Revised Code. THE BID GUARANTEE AND CONTRACT BOND MUST BE ISSUED BY A SURETY COMPANY MEETING THE REQUIREMENTS OF ARTICLE 2 OF THE INSTRUCTION TO BIDDERS. Bids shall be sealed and addressed to: DEPARTMENT OF ADMINISTRATIVE SERVICES, DIVISION OF PUBLIC WORKS, OFFICE OF THE STATE ARCHITECT AND ENGINEER, 30 EAST BROAD STREET, STATE OFFICE TOWER, 35TH FLOOR, COLUMBUS, OHIO 43266-0403 until Tuesday, March 15, 1988 at 1:00 p.m. Eastern Standard Time and thereafter the making the location and

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This legal advertisement was published on March 7, 1988 in eight /8/ newspapers of general circulation in every major area of the state, these being;

- The Columbus Dispatch
- The Youngstown Vindicator
- The Akron Beacon Journal
- The Lorain Journal
- The Cleveland Plain Dealer
- The Toledo Blade
- The Dayton Daily News
- The Cincinnati Enquirer

APPENDIX A

thousand dollars, it shall be accompanied by a bond or cashier's check made payable to the "Board of Franklin

their convenience. Plans and Specifications or portions thereof by paying for the cost of reproduction and handling.

CONTRACTORS REQUIRING ASSISTANCE IN SECURING BIDS FROM CERTIFIED MBE SUBCONTRACTORS AND SUPPLIERS MAY CONTACT THE STATE EMPLOYMENT COORDINATOR BY CALLING 614-466-5700 OR THE MINORITY BUSINESS DEVELOPMENT DIVISION BY CALLING 614-466-5700 OR FREE ON 1-800-282-1885.

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after the actual date of the opening thereof. The Deputy Director, Division of Public Works, reserves the right to waive any informalities or to reject any or all bids. THE DEPARTMENT OF ADMINISTRATIVE SERVICES DIVISION OF PUBLIC WORKS DANIEL F. SHIELDS, DEPUTY DIRECTOR 2/18-23-29 3-7

The State Board of Education announces its intent to amend Rule 3301-41-01 entitled "Standards for issuing an 'Ohio Certificate of High School Equivalence.'" The proposed amendments will

thousand dollars, it shall be accompanied by a bond or cashier's check made payable to the "Board of Franklin

thousand dollars, it shall be accompanied by a bond or cashier's check made payable to the "Board of Franklin

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COPY OF THE LEGAL NOTICE ON PAGE NO. A-1 WAS MAILED TO EACH OF THE FOLLOWING:

Chester Jones
Ohio Dept. of Transportation
Bureau of Communications,
Permits, Scales
1610 West Broad Street
Columbus, OH 43223

Colonel Walsh
Ohio State Highway Patrol
P. O. Box 7037 - Station E
Columbus, OH 43266-0562

William Hopstetter
Dept. of Natural Resources
830 Kinnear Road
Columbus, OH 43212

Larry Weaver
State/Federal Funds Coordinator
Office of Budget and Management
30 East Broad Street
34th Floor
Columbus, OH 43266-0411

Doug Coppess, President
Box 21 Rescue Squad
500 Adrian Court
Brookville, OH 45309

Frank Dumovic, Patrolman
Salem Police Dept.
231 South Broadway
Salem, OH 44060

Paul Mayer
Ohio State Highway Patrol
P. O. Box 7037 - Station E
Columbus, OH 43266-0562

Robert Steiger
City of Brecksville
6816 Westview Drive
Cleveland, OH 44141

Chief Gene Sharp
Ft. Shawnee Police Dept.
2050 W. Breese Road
Lima, OH 45086

Chief Tom Bihl
Portsmouth Police Dept.
728 2nd Street
Portsmouth, OH 45662

Chief Martin Kendzora
N. Market Street
St. Clairsville, OH 43950

Chief Jess Moore
President, Ohio Chief's Assn.
7240 E. Main Street
Reynoldsburg, OH 43068

Chief Charles W. Frank
Troy Police Dept.
106 S. Market Street
Troy, OH 45373

Keith Mattison, Patrolman
Parma Heights Police Dept.
6184 Pearl Road
Parma, Heights, OH 44130

Joseph A. LaGuardia
Cleveland Fire Dept.
310 Carnegie Ave.
Cleveland, OH 44115

Jerestene Leath
Lucas County 9-1-1
2444 Scottwood
Toledo, OH 43620

Sheila Lehrter
NCR Corporation
955 Eastwind Dr.
Westerville, OH 43081

Robert Levy
Antenna Specialists Co.
12435 Euclid Ave.
Cleveland, OH 44106

Patricia Mae Lutz
503 Ashland Ave.
Cuyahoga Falls, OH 44221

Michael J. Mahoney
8180 Joyce Road
Broadview Heights, OH 44147

David K. Martinez
247 Cheltenham Dr.
Centerville, OH 45459

Mary E. Matthews
1062 Worthington Woods
Worthington, OH 43085

Keith Mattison
6184 Pearl Road
Parma Heights, OH 44130

Stephen R. Menosky
1408 Douglas Ave.
Youngstown, OH 44502

Lucretia Merritt
137 Mia Ave.
Dayton, OH 45427

Dominic V. Meuti
5661 Perkins Road
Bedford Heights, OH 44146

Stephen P. Isenberg
160 Woodbine Ave. SE
Warren, OH 44483

Judith L. Jackson
340 Roxbury Road
Dayton, OH 45417

Andrea Johnson
Cuyahoga Metro Housing
1717 W. 25th Street
Cleveland, OH 44113

Patricia A. Katros
9588 Wolf Creek Pike
Dayton, OH 45426

Mary L. Kenneley
570 Harvey St., Apt. 204
Kent, OH 44240

Prisicila L. Lipker
4119 Pleasantview Ave
Dayton, OH 45420

Anita M. Kite
4138 Farnham Ave.
Dayton, OH 45420

Larry H. Kline
Antenna Specialists Co.
30500 Bruce Industrial Py.
Cleveland, OH 44139-3996

Dale C. Knable
14808 Wilmington Dr.
Strongsville, OH 44136

Gerald U. Knapp
790 South Munroe Road
Tallmadge, OH 44278

Robert J. Kohn
Bedford Police Dept.
65 Columbus, Road
Bedford, OH 44146

Bradley K. Kunze
P. O. Box 401
Bellefontaine, OH 43311

Kathleen Niswander
Cincinnati Police Dept.
310 Ezzard Charles Drive
Cincinnati, OH 45214

John Obrien
1728 Tower Blvd.
Lorain, OH 44053

James R. Oldham
Springfield Fire Division
350 N. Fountain Avenue
Springfield, OH 45505

Richard L. Osborne
53 Northeast Ave.
Tallmadge, OH 44278

Gary Palinkas
Parma Police Dept.
5750 W. 54th Street
Parma, OH 44129

Eugene A. Park
959 Mildred Ave.
Lorain, OH 44052

Mark A. Patchen
2825 W. Granville Road
Worthington, OH 43085

R. M. Patterson Jr.
Kent State University Police
Stockdale Safety Bldg.
Kent, OH 44242

Rodney Perenovich
Columbiana Co. Sheriff's Dept.
227 N. Market Street
Lisbon, OH 44432-0000

Michael S. Pierce
660 Arlington Drive
Cincinnati, OH 45244

Charles F. Plassenthal
1019 Hampshire Road
Dayton, OH 45419

Richard L. Post
2106 Rustic Road
Dayton, OH 45414

David Miller
618 Jackson Drive
Port Clinton, OH 43452

Mary L. Miller
2405 Trinity Drive
Middletown, OH 45044

Gregory Mills
#550
30951 Lakeshore
Willowick, OH 44094

Stephen J. Monnin
815 St. Nicholas Ave.
Dayton, OH 45410

Michael E. Moore
59 Woodsdale Ave.
Cincinnati, OH 45216

Arthur Moore
9772 Thwing Road
Chardon, OH 44024

Nancy L. Morgan
119 Baltimore Street
Dayton, OH 45404

John A. Morris
Syntonic Technology, Inc.
244 S. Salem-Warren Road
North Jackson, OH 44451

David R. Mote
627 S. Miami Street
West Milton, OH 45303

John Musser
7200 N. New Hope Road
Fletcher, OH 45326

H. Weldin Neff
117 E. Market Street
Tiffin, OH 44883

Randy R. Neidert
Cuyahoga Falls Communications
2310 Second Street
Cuyahoga Falls, OH 44221

Chief William Casey
Ohio Fire Chief's Association
315 N. Fountain Ave.
Springfield, OH 45501

Ohio Township Association
5969 E. Livingston Avenue
Columbus, OH 43232

Ohio Veterinary Medical Assn.
1350 W. 5th Avenue
Columbus, OH 43212

Ohio Police Chief's Assn.
2929 Kenny Road
Columbus, OH 43221

Ohio Assn. Comm. Mental Health
Boards
35 E. Gay Street
Columbus, OH 43215

Ohio Assn. of Co. Mental
Retardation Boards
75 E. Wilson Bridge Road
Worthington, OH 43085

Ohio Hospital Association
21 W. Broad Street
Columbus, OH 43215

County Commissioners Assn. Ohio
40 South 3rd. Street
Columbus, OH 43215

Buckeye State Sheriff's Assn.
150 E. Broad Street
Columbus, OH 43215

Ohio State Firefighters Assn.
360 S. 3rd. Street
Columbus, OH 43215

Ohio Professional Firefighters
Association
16 E. Broad Street
Columbus, OH 43215

Karen L. Brooks
1129 Wilson Road
Dayton, OH 45407

Fred Benz
9825 Tollgate Lane
Montgomery, OH 45242

Ronald Lee Berente
Lucas Co. Sheriff's Dept.
1622 Spielbusch Avenue
Toledo, OH 43624

Leslie I. Berman
11347 Valley View Road
Sagamore Hills Twp., OH 44067-1767

Matt Biscotti
Lakewood Police Dept.
12650 Detroit Road
Lakewood, OH 44107

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1734 W. 28th Street, #103
Cleveland, OH 44113

Ralph A. Bonacci
4075 W. 210th Street
Fairview Park, OH 44126

David M. Borden
8893 Chevington Chase
Pickerington, OH 43147

Tim A. Bourdess
250 E. Town Street
Cols. & Franklin Co. DSA
Columbus, OH 43215

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North Ridgeville, OH 44039

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Columbus, OH 43219

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Bowling Green Univ. Police
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Bowling Green, OH 43402

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515 E. Main Street
Van Wert, OH 45891

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220 Greenlawn Avenue
Columbus, OH 43223

Karla Turner
3138 Mary Avenue
Columbus, OH 43204

W. Bruce Umpleby, Jr.
Stark Co. Sheriff's Office
4500 Atlantic Blvd. NE
Canton, OH 44711

Kenneth Underwood
ALLTEL Service Corp.
P. O. Box 2227
Hudson, OH 44236

Alan L. Vasu
Vasu Communications
2400 Ridgeland Drive
Avon, OH 44011

John Vilagi
Avon Police Dept.
36774 Detroit Road
Avon, OH 44011

James E. Vogley
Regional Emergency Dispatch
54 City Hall Street, SE
Massillon, OH 44646

R. B. Wedig
Cincinnati Bell Telephone
201 E. 4th St. - Rm. 102-1050
Cincinnati, OH 45201

Maurice J. Wesselmann, Jr.
Hamilton County Communications Center
2377 Civic Center Drive
Cincinnati, OH 45231

Mark S. Whisman
2227 Brookpark Drive
Kettering, OH 45440

Margaret A. Whitmoyer
3489 Demington Road
Columbus, OH 43232

Edward P. Wild
5860 Andrews Road
Mentor, OH 44060

Eugene F. Wiley
239 E. Jenkins Avenue
Columbus, OH 43207

Dorothy A. Williams
4630 Greenwich Avenue
Dayton, OH 45406

Murray Withrow
CECOMS - Room 409
1255 Euclid Avenue
Cleveland, OH 44115

Jean Yarnell
Bowling Green Univ. Police
104 Commons
Bowling Green, OH 43402

Joseph P. Yonadi
120 W. Gay Street
Columbus, OH 43215

Debbie Zumbiel, Grter.
Cincinnati Airport P. D.
P. O. Box 75200
Cincinnati, OH 45275-2000

Ralph T. Wehking
1987 Fossway Ct.
Cincinnati, OH 45230

Stephen M. Ruff
824 Buckingham Road
Dayton, OH 45419

Warren D. Powelson
City of Elyria
851 Garden Street
Elyria, OH 44035

Robert L. Schubert
Wolf Island
10077 Co. Road 253
Lakeview, OH 43331

Carol E. Pratt
12406 Cross Creek Road
Bowling Green, OH 43402

Sharon Sellars
330 Caroline Street
New Richmond, OH 45157

Peter Qualtieri
New Bremen Emergency Squad
P. O. Box 328
New Knoxville, OH 45871

Robert E. Sharp
Youngstown Fire Dept.
420 W. Federal Street
Youngstown, OH 44502

L. Quigley
Bramco, Inc.
P. O. Box 1136
Piqua, OH 45356

William F. Smith
Hamilton Co. Comm. Center
2377 Civic Center Dr.
Cincinnati, OH 45231

Dwight Radcliff
Sheriff's Department
121 W. Franklin Street
Circleville, OH 43113

Martin L. Smith
2007 S. 5th Street
Ironton, OH 45638

Ted Randolph
5661 Perkins Road
Bedford Hts., OH 44146

William E. Stanton
Ohio Bell Telephone Co.
150 E. Gay St. 613 Rm. 14D
Columbus, OH 43215

Paul S. Reeves
P & R Communications
731 E. First Street
Dayton, OH 45402

Richard E. Steinke
203 E. Court Street
Sidney, Oh 45365

David Reichelt
L-Tronics, Inc.
220 Alpha Park
Highland Heights, OH 44143

Marya M. Sulfridge
4411 Reading Road
Dayton, OH 45420

Beryl T. Reichelderfer
4495 Fosnaugh School Road
Amanda, Oh 43102

R. Scott Swearingin
Summit County DSA
175 S. Main Street, Rm. 207
Akron, OH 44308

Claudia O. Reinemeyer
834 Vale Court
Bowling Green, OH 43402-4848

Terry L. Tilton
Columbus Police Dept.
120 W. Gay Street
Columbus, OH 43215

Ronald R. Rodenbeck
Hamilton Co. Comm. Center
2377 Civic Center Dr.
Cincinnati, OH 45231

Jerome E. Tokarsky
1430 Martin Drive
Cincinnati, OH 45202

John E. Ross
Cols. & Franklin Co. DSA
250 E. Town Street
Columbus, OH 43215

David P. Grahl
18 W. Hudson Avenue
Dayton, OH 45405

David L. Henning, Jr.
868 Shadowrow Dr.
Willoughby, OH 44094

Nick Grilliot
Thomas Shelby & Co., Inc.
309 S. Park Drive
St. Marys, OH 45885

Roberta Hill
1727 Tuttle Avenue
Dayton, OH 45403

Marvin Grossman
25270 Benesch Drive
Warrensville Twp., OH 44122

John G. Hilliard
City of Lancaster
P. O. Box 1099
Lancaster, OH 43130

Marilyn Groves
224 Park Avenue
London, OH 43140

William H. Hinkle
Hamilton Co. Comm. Center
2377 Civic Center Dr.
Cincinnati, OH 45231

Frank F. Gubeno, Jr.
8693 Green Meadows Ave.
Canal Fulton, OH 44614

Clyde M. Hirn
3432 Rolfe Ave.
Dayton, OH 45414

Dwight J. Hahn
1721 Auburn Ave.
Dayton, OH 45414

Denise L. Hockey
2056 Bellefontaine Ave.
Dayton, OH 45404

John W. Hannum
237 S. Erie Street
Toledo, OH 43602

Barry R. Holbrook
128 Jay Street
Dayton, OH 45410

Ronald D. Harbaugh
3931 Cottingham Drive
Cincinnati, OH 45241

Robert. M. Holland
538 N. Market Street
Wooster, OH 44691

Richard Hart
247 Sunflower Dr.
Brunswick, OH 44212

Gwendolyn E. Holliday
4016 Shenandoah Dr.
Dayton, OH 45417

James Hause
City of Lebanon
40 S. Broadway
Lebanon, OH 45036

Joel Russell Hopwood
P. O. Box 22
Mount Vernon, OH 43050

Joe Havlovic
Motorola, Suite 524
4500 Lake Forest Drive
Cincinnati, OH 45242

Diane Law
NCR Corporation
1700 S. Patterson Blvd.
Dayton, OH 45479

Frank Hemrich
585 E. 22nd. Street
Euclid, OH 44123

Todd Ingberg
NCR Corporation, SDC-2
1700 S. Patterson Blvd.
Dayton, OH 45479

Robert M. Davis
5468 Larkwood Road
Columbus, OH 43229

Richard B. Deal
41 N. Perry Street
Dayton, OH 45422

Karen A. Dean
1671 19th Street
Cuyahoga Falls, OH 44223

Virgil L. Dehoff
14878 Wooster St., NW
North Lawrence, OH 44666

Wallace E. Dennis
1 Courthouse Square
Bowling Green, OH 43402

Alex F. Dolgosh
Antenna Specialist, Inc.
30500 Bruce Industrial Pkwy.
Cleveland, OH 44139-3996

David J. Domer
Domer Communication, Inc.
7080 Whipple Ave. NW
North Canton, OH 44720

Daniel A. Dunlap
8500 Garfield
Mentor, OH 44066

Walter M. Duzzny
120 Market Street
Youngstown, OH 44503

Sandra A. Ehrbar
6115 Christman Drive
North Olmstead, OH 44070

Thomas E. Elrod
4200 Dryden Road
Moraine, OH 45439

Richard G. Elsmer
330 W. Second Street
Dayton, OH 45422

Kenneth Etzwiler
110 Cottage Street
Ashland, OH 44805

Howard E. Evans
Akron Communications Division
1055 Home Avenue
Akron, OH 44310

Lynne C. Feller
2500 Impala Street
Wooster, OH 44691

Donald Flahan
Ohio Turnpike Commission
682 Prospect Street
Berea, OH 44017

William A. Fox
Bowling Green Police Comm.
175 W. Wooster St.
Bowling Green, OH 43402

Daniel Frano
310 Carnegie St.
Cleveland, OH 44115

M. R. Friedberg
2537 Claver Road
Cleveland, OH 44118

Ronald J. Gecsi
Great Lakes Communication
3712 N. Roger Dr.
Port Clinton, OH 43452

James Gibson
P. O. Box 741
Middletown, OH 45042

Nancy Gleason
Mobilcomm
1211 W. Sharon Road
Greenhills, OH 45240

Dorothy C. Goldstein
1547 Roselawn Road
Mayfield Heights, OH 44124

Marianne J. Gorslone
3445 Mayfield
Cleveland Hgts., OH 44118

Loran D. Alexander
P. O. Box 1004E
Wooster, OH 44691

Paul J. Alexander
1701 Laird Avenue
Dayton, OH 45420

William C. Allen, Jr.
C.R.I.S.
1255 Euclid Ave, 4th Floor
Cleveland, OH 44115

Robert G. Armstrong
City of Sylvania Police
6635 Maplewood Avenue
Sylvania, OH 43560

Karen D. Arnold
917 Cherry Drive, Apt. 3
Dayton, OH 45406

John G. Ault
24640 Ault Road
Perrysburg, OH 43551

Aaron S. Babb
10640 N. Hardin Road
Piqua, OH 45356

Kurt Banford
10155 Sperry Road
Kirtland, OH 44094

Harold D. Barber
151 Summit Road, S.E.
Thornville, OH 43076

J. Michael Barnes
P. O. Box 8831
Strongsville, OH 44136

James J. Beard
804 Gates Mills Blvd.
Medina, OH 44256

David R. Grossnickle
Broadview Heights Police Dept.
8938 Broadview Road
Broadview Heights, OH 44147

Carl J. Buhr
4645 Montgomery Road
Norwood, OH 45212

Tom Burroughs
Hamilton Co. Comm. Center
2377 Civic Center Drive
Cincinnati, OH 45231

F. Donald Bush
Dictaphone
870 High Street
Worthington, OH 43085

David P. Chance
1436 Delynn Drive
Centerville, OH 45459

Charles Clark
8433 Cliveridge Road
Chagrin Falls, OH 44022-3818

Richard W. Clippard
5540 Larkwood Road
Columbus, OH 43229

Kenneth J. Coleman
1115 Watervliet Avenue
Dayton, OH 45420

Charles E. Cook
419 Worley Road
Marion, NC 28752

Robert Coy, Jr.
6475 Drake Road
Cincinnati, OH 45243

James W. Cribbs
P. O. Box 335
Wayne, OH 43466

Janis Arnett Davidson
31 Rosewood Court
Bowling Green, OH 43402

H. Cooper Snyder (Chairman Education)
State Senator
6508 Spring Hill Drive
Hillsboro, OH 45133

Theodore M. Gray (Highway Transportation & Local Government Chairman)
Ohio Senate
The Statehouse
Columbus, OH 43216

Ronald V. Gerberry
State Representative
2351 Penny Lane
Youngstown, OH 44515

Marc D. Guthrie (Chairman, Highway & Public Safety)
State Representative
228 Sandy Lane S.E.
Newark, OH 43055

Ike Thompson (Chairman, Transportation & Urban Affairs)
State Representative
899 East 128th Street
Cleveland, OH 44108

Frank Volk, Sgt.
Cleveland Police Dept.
1300 Ontario
Justice Center - 9th floor
Cleveland, OH 44113

Lowell Joy (EMS- Governor's Office - Ohio)
4753 Woodland
Port Clinton, OH 43542

Fred Engleman, (Bureau Chief - Gov. Office)
65 East State Street - Suite 312
Columbus, OH 43215

Ralph Machler
IMSA President - Ohio
6277 Meadowbrook Drive
Mentor, OH 44060

Jim Peck, President
Buckeye State Sheriff's Association
150 East Broad Street - Suite 308
Columbus, OH 43215

David Troutman, 1st Vice President
Buckeye State Sheriff's Association
150 East Broad Street - Suite 308
Columbus, OH 43215

Irvin Flory, Sheriff
Henry County Sheriff's Dept.
123 E. Washington Street
Napoleon, OH 43545

SERVICE CODES BY MOBILE CATEGORY

County	Land Vehicle	Hand Held	Air Craft	Mobile	PaGer	Total
ADAMS	569	157	0	7	0	733
ALBANY	1,542	1,173	4	14	2,000	4,733
ASHLAND	517	294	0	0	350	1,161
ASHTABULA	1,959	798	0	54	761	3,512
ATHENS	846	404	0	2	239	1,491
AUGLAIZE	1,343	473	0	45	123	1,984
BELMONT	1,083	399	0	2	530	2,014
BAJAN	555	171	0	2	0	728
BUTLER	2,337	1,326	0	348	748	4,759
CARROLL	235	235	0	14	93	577
CHAMPAIGN	625	185	0	38	0	908
CLARK	1,693	542	0	29	201	2,565
CLERMONT	1,375	457	0	75	500	2,407
CLINTON	302	146	0	53	120	1,123
COLUMBIANA	1,101	524	0	4	166	1,895
COSHOCTON	573	303	0	12	345	1,333
CRAWFORD	804	289	0	74	403	1,570
CUYAHOGA	125,560	37,563	27	1,509	15,530	180,189
DAKE	628	344	0	50	200	1,222
DEFIANCE	5,714	193	0	0	20	5,927
DELAWARE	1,397	1,115	0	63	250	2,825
ERIE	1,558	545	0	33	262	2,403
FAIRFIELD	1,877	1,302	8	85	633	3,906
FAYETTE	10,653	7,468	0	10	116	18,257
FRANKLIN	70,734	25,469	250	310	4,434	101,197
FULTON	280	134	0	20	0	434
GALESBURG	373	95	0	0	5	473
GRUGA	5,425	2,511	0	43	1,289	10,374
GREENE	2,254	1,152	0	15	840	4,262
GUERNSEY	454	197	0	7	60	718
HAMILTON	9,581	36,427	0	679	5,135	51,822
HANCOCK	1,413	1,115	0	52	180	2,760
HARDIN	452	319	0	28	525	1,334
HARRISON	726	318	0	10	150	1,204
HENRY	479	184	0	0	154	817
HIGHLAND	530	224	0	23	25	902
HOCKING	341	107	0	3	144	595
HOLMES	290	32	0	4	60	392
HURON	685	359	0	64	181	1,289
JACKSON	457	114	0	0	134	705
JEFFERSON	3,254	1,101	0	77	460	4,892
JENKINS	357	115	0	20	130	622
LAKE	3,758	5,438	0	102	3,911	13,209
LAWRENCE	641	513	0	45	235	1,435

SERVICE CODES BY MOBILE CATEGORY

County	Land Vehicle	Hand held	Air Craft	Mobile	PaGer	Total
ADAMS	2,427	504	0	45	600	3,567
ALLEGANY	303	531	0	2	145	1,586
LORAIN	3,233	2,468	6	125	8,629	20,111
LUCAS	19,666	5,332	0	51	1,705	26,762
MADISON	3,039	1,570	0	23	0	10,232
MAHONING	3,393	3,142	0	131	2,860	9,526
MARTIN	1,590	1,353	0	42	225	3,710
MEDINA	3,635	2,008	0	92	301	6,036
MEigs	559	159	0	10	300	1,128
MERCER	575	262	0	5	866	1,708
MIAMI	2,337	1,078	0	93	1,510	5,018
MONROE	211	29	0	5	0	246
MONTGOMERY	57,633	31,557	8	450	6,167	105,815
MORGAN	297	172	0	0	300	769
MORROW	444	203	0	0	320	967
MUSKINGUM	976	223	0	19	124	1,342
NOBLE	185	94	0	0	0	279
OTTAWA	959	360	0	17	30	1,366
PAULDING	261	75	0	28	0	364
PERRY	443	264	0	21	110	838
PICKAWAY	385	509	0	0	6	1,400
PIKE	593	304	0	3	148	1,048
PORTAGE	2,354	1,213	0	147	243	4,457
PREBLE	613	108	0	73	0	794
PULASKI	425	208	0	15	95	743
RICHLAND	1,953	955	12	90	579	3,589
ROSS	972	392	0	40	80	1,484
SANDUSKY	1,044	539	0	12	0	1,595
SCIOTO	541	277	0	40	156	1,014
SENECA	1,237	229	0	39	2,870	4,425
SHELBY	1,007	405	0	0	495	1,907
STARK	12,323	9,271	0	108	1,502	23,204
SUMMIT	10,991	7,506	0	1,442	4,268	24,307
TRUMBULL	3,307	2,470	0	23	751	6,551
TUSCARAWAS	1,033	324	0	10	111	1,478
UNION	670	346	0	5	233	1,254
VAN WERT	561	289	0	5	2	857
VINTON	209	282	0	2	1,665	2,158
WARREN	2,379	1,559	0	28	1,282	5,855
WASHINGTON	961	445	0	28	275	1,709
WAYNE	1,443	964	0	130	469	3,006
WILLIAMS	617	397	0	8	1,812	2,834
WOOD	1,275	370	0	24	105	2,074
WYANDOT	225	134	0	9	0	368
Total	441,744	215,304	315	7,510	32,978	747,851

The grand total does not include the 1,294 miscellaneous records.

SERVICE CODES BY COUNTY

County	PF	PA	PL	PO	PP	PS	Total
ADAMS	7	10	6	5	27	5	60
ALLEN	32	11	16	2	45	84	190
ASHLAND	11	10	16	6	27	14	84
ASHTABULA	54	5	14	4	30	43	151
ATHENS	15	5	18	9	34	8	89
AUGLAIZE	20	4	15	4	36	30	110
BELMONT	17	14	5	6	55	15	112
BROWN	9	4	5	0	18	21	58
BUTLER	32	11	34	0	61	50	188
CARROLL	5	3	1	0	7	10	28
CHAMPAIGN	18	0	4	1	13	11	47
CLARK	48	5	19	1	27	13	113
CLERMONT	7	5	10	5	24	78	130
CLINTON	7	3	8	4	28	35	86
COLUMBIANA	30	4	18	6	59	18	139
COSHOCTON	5	3	6	0	6	13	33
CRAWFORD	11	5	11	0	39	23	89
→ CUYAHOGA	156	40	287	7	487	666	1,643
DARKE	20	3	13	0	12	43	91
DEFIANCE	16	4	6	1	20	5	52
DELAWARE	22	16	9	10	34	12	103
ERIE	24	10	21	10	67	24	156
FAIRFIELD	27	6	19	3	36	17	108
FAYETTE	11	7	15	1	36	15	88
→ FRANKLIN	113	44	169	24	249	102	<u>701</u>
FULTON	8	5	11	9	16	9	58
GALLIA	1	7	4	3	14	12	41
GEauga	35	2	15	2	53	54	171
GREENE	27	7	30	7	47	14	132
GUERNSEY	22	0	7	13	23	15	80
→ HAMILTON	40	12	101	5	154	353	<u>684</u>
HANCOCK	23	7	14	8	25	23	110
HARDIN	15	7	1	0	12	23	53
HARRISON	15	5	3	0	10	5	39
HENRY	25	0	11	3	11	3	58
HIGHLAND	8	2	2	5	13	18	48
HOCKING	6	4	0	6	14	5	36
HOLMES	2	4	15	0	5	15	41
HURON	8	9	23	0	35	20	95
JACKSON	2	2	12	3	23	11	53
JEFFERSON	52	6	19	2	52	70	211
KNOX	15	3	6	0	19	9	52
LAKE	53	4	25	5	71	37	205
LAWRENCE	13	0	14	3	20	5	55

-APPENDIX B-

The above tabulation is in support of the Primary Zones listed in IV.1.d

Total records in the FRES.DAT = 14,477

The grand total does not include the 1,542 miscellaneous records.

Total of all records = 12,935

County	PF	PH	PL	PO	PP	PS	Total
LICKING	64	16	30	2	62	15	158
LOGAN	24	2	14	11	21	25	97
LORAIN	47	36	31	6	82	99	295
LUCAS	28	11	54	4	71	152	320
MADISON	33	19	63	1	65	38	219
MADISON	7	4	12	0	50	20	93
MADISON	22	0	15	0	34	32	103
MADISON	34	4	25	0	68	39	175
MADISON	0	5	11	3	3	3	30
MAHON	5	5	13	0	7	22	53
MIAMI	29	10	7	3	57	163	269
MORGAN	11	3	4	0	7	5	30
MONTGOMERY	53	24	68	5	121	285	556
MORGAN	13	4	1	2	8	8	36
MORGAN	14	3	4	3	17	11	52
MUSKINGUM	19	4	9	15	23	17	87
NORLE	2	4	3	3	9	3	24
OTAWA	21	11	13	20	54	25	144
PAULDING	18	5	1	0	3	2	29
PERRY	16	2	3	1	28	14	64
PICKAWAY	8	4	5	1	35	15	68
PIKE	13	4	5	3	18	5	48
PORTAGE	29	17	27	3	77	97	250
PREBLE	11	8	7	2	19	4	51
PUTNAM	11	4	5	0	7	4	32
RICHLAND	25	11	27	1	39	31	134
ROSS	16	8	15	10	30	7	86
SANDUSKY	10	13	19	1	28	65	137
SCOTTD	18	5	12	9	22	23	89
SENECA	20	7	10	0	33	65	135
SHELBY	13	10	12	1	12	21	69
STARBUCK	55	13	29	1	58	73	229
SUMMIT	52	34	117	10	178	278	659
TROBELL	45	13	14	3	108	29	212
TUSCARAWAS	18	5	14	7	48	25	118
UNION	7	1	10	0	23	27	68
VAN WERT	12	5	17	0	16	24	75
VINTON	2	2	0	11	7	7	29
WARREN	20	3	53	1	56	43	193
WASHINGTON	29	5	10	6	40	15	106
WAYNE	37	11	20	0	42	48	158
WILLIAMS	14	10	13	0	14	31	82
WOOD	19	10	28	0	49	32	138
WYANDOT	3	3	4	0	9	5	24

OHIO FREQUENCY ALLOCATION PLAN

TABLE OF ZONES and CHANNEL REQUIREMENTS
FOR THE APCO PACKING PROGRAM

ZONE	COUNTIES	#/CHAN	ENVIR#	E/O
01	Cuyahoga(15) + Cleveland(5)	20	1	0
02	Franklin(20) + Columbus(20)	40	1	0
03	Hamilton(20) + Cincinnati(20)	40	1	0
04	Guernsey(2) + Harrison(1), Jefferson(4)	7	3	0
05	Ashtabula(5), Trumbull(10)	15	2	E
06	Ottawa(2), Sandusky(3), Seneca(3)	7	2	E
07	Montgomery(10), + Dayton(8), Preble (2)	20	2	E
08	Athens(3), Galia(2), Lawrence(3), Meigs(1)	10	3	E
09	Summit(5) + Akron(5)	10	2	0
10	Delaware(3), Marion(3), Morrow(2)	10	2	0
11	Adams(1), Brown(2), Clermont(6)	10	2	0
12	Erie(4), Huron(2), Lorain(2)	10	2	E
13	Darke(3), Logan(2), Miami(4), Shelby(2)	10	3	E
14	Belmont(4), Monroe(1), Washington(3)	7	3	E
15	Geauga(3), Lake(9), Portage(6)	5	2	0
16	Fulton(2), Lucas(5) + Toledo(10), Williams(2), Wood(5)	20	2	0
17	Butler	10	2	0
18	Fairfield(4), Licking(5), Muskingham(4), Pickaway(2)	15	3	0
19	Ashland(2), Richland(6), Wayne(4)	10	2	E
20	Allen(5), Auglaize(2), Mercer(2) Van Wert(2)	10	3	E
21	Clinton(2), Highland(2), Jackson(2), Pike(1), Scioto(4)	11	3	E
22	Mahoning(5), Stark(5), Tuscarawas(4)	10	2	E
23	Crawford(3), Hardin(2), Wyandot(1)	6	3	E
24	Fayette(2), Greene(6), Ross(3)	11	2	E
25	Medina	5	3	0
26	Defiance(2), Henry(2)	3	3	0
27	Madison(2), Union(2)	5	3	0
28	Morgan(1), Noble(1)	2	3	0
29	Carroll(2), Columbiana(5)	7	3	E
30	Knox	2	3	E
31	Hancock(3), Paulding(1), Putnam(2)	4	3	0
32	Warren	5	3	0
33	Hocking(5), Perry(2), Vinton(1)	5	3	0
34	Coshocton(2), Holmes(2)	5	3	E
35	Champaign(2), Clark(7)	10	2	E

(Number in parentheses is the number of channels assigned based on the "per-county" plan. The six cities, following the +'s, are all envir#1, regardless of its zone's envir#.)

APPENDIX C

Sites and Assigned Channels

R E G I O N 33 - O H I O

TOLEDO	644	652	664	700	772	775	792	804	812	814
DAYTON	609	629	771	791	815					
CINCINNATI	608 684	614 696	616 700	636 702	642 722	644 724	652 726	662 802	664 814	682 820
COLUMBUS	610 763	612 770	614 785	616 787	630 790	632 794	634 805	636 807	650 810	656 816
AKRON	602	622	642	803	824					
CLEVELAND	636	656	781	801	821					
FRANKLIN	619 728	638 748	640 754	642 760	644 768	658 772	660 774	662 782	664 792	682 813
WARREN	634	647	678	719	826					
HAMILTON	612 738	619 741	621 761	623 763	640 770	660 772	694 796	716 801	732 803	734
BUTLER	602	627	658	691	698	728	754	756	774	794
ZONE 5	637 802	640 814	643 818	660 820	662 822	664	684	775	798	800
SUMMIT	638	661	774	799	819					
MEDINA	644	665	685	797	817					
ZONE 27	652	672	710	730	756					
ZONE 34	610	630	650	794	816					
KNOX	613	809								
ZONE 35	607	654	668	670	706	727	746	751	788	795
ZONE 15	651	671	694	792	812					
CUYAHOGA	663 772	667 788	669 790	683 795	687 808	699	707	750	763	770
ZONE 19	615	617	635	668	670	751	771	787	791	807
ZONE 23	620	657	681	773	789	793				
ZONE 29	603	605	623	656	788	806	808			
ZONE 4	612	614	632	770	790	804	811			

Sites and Assigned Channels

ZONE 7	604 688	613 703	620 723	624 725	643 767	661 797	665 811	681 813	683 817	685 819
ZONE 26	614	665	769							
ZONE 28	606	819								
ZONE 33	611	631	746	793	817					
ZONE 21	637 781	641	650	657	663	695	714	742	744	773
ZONE 24	615 806	617	674	676	708	712	762	784	786	804
ZONE 10	606	666	675	698	725	743	745	798	812	818
ZONE 22	619	626	673	675	700	742	760	762	783	785
ZONE 11	606	610	630	632	750	752	792	799	822	824
ZONE 13	626	701	734	775	808					
ZONE 6	642	662	684	686	799	801	819			
ZONE 31	609	688	722	806						
ZONE 20	602	611	694	696	704	716	768	770	800	802
ZONE 12	672	674	701	734	755	761	784	805	823	825
ZONE 8	603	609	623	629	643	769	789	791	810	812
ZONE 14	616	634	636	658	787	798	807			
ZONE 16	640	650	660	695	724	732	756	796	808	816
STATEWIDE	646 765	648 777	679 779	690 828	692 830	718	720	737	739	758
ZONE 18	602 800	604 802	608 821	622 823	624 825	628	669	723	734	796
TURNPIKE	658	697	767	810						

- * Border situation requiring odd channel numbers
- * Old equipment requiring even channel numbers

F. C. C. Channel Assignments

REGION 33 - OHIO

Channel Number 601	Mobile Frequency Base Frequency	821.0125 Mz 866.0125 Mz	Mutual Aid
Channel Number 602	Mobile Frequency Base Frequency	821.0375 Mz 866.0375 Mz	Akron - Zone 20 Butler - Zone 18
Channel Number 603	Mobile Frequency Base Frequency	821.0500 Mz 866.0500 Mz	Zone 29 Zone 8
Channel Number 604	Mobile Frequency Base Frequency	821.0625 Mz 866.0625 Mz	Zone 7 Zone 18
Channel Number 605	Mobile Frequency Base Frequency	821.0750 Mz 866.0750 Mz	Zone 29
Channel Number 606	Mobile Frequency Base Frequency	821.0875 Mz 866.0875 Mz	Zone 28 Zone 10 - Zone 11
Channel Number 607	Mobile Frequency Base Frequency	821.1000 Mz 866.1000 Mz	Zone 35
Channel Number 608	Mobile Frequency Base Frequency	821.1125 Mz 866.1125 Mz	Cincinnati Zone 18
Channel Number 609	Mobile Frequency Base Frequency	821.1250 Mz 866.1250 Mz	Dayton Zone 31 - Zone 8
Channel Number 610	Mobile Frequency Base Frequency	821.1375 Mz 866.1375 Mz	Columbus Zone 34 - Zone 11
Channel Number 611	Mobile Frequency Base Frequency	821.1500 Mz 866.1500 Mz	Zone 33 Zone 20
Channel Number 612	Mobile Frequency Base Frequency	821.1625 Mz 866.1625 Mz	Columbus Hamilton - Zone 4
Channel Number 613	Mobile Frequency Base Frequency	821.1750 Mz 866.1750 Mz	Knox Zone 7
Channel Number 614	Mobile Frequency Base Frequency	821.1875 Mz 866.1875 Mz	Cincinnati - Zone 4 Columbus - Zone 26
Channel Number 615	Mobile Frequency Base Frequency	821.2000 Mz 866.2000 Mz	Zone 19 Zone 24
Channel Number 616	Mobile Frequency Base Frequency	821.2125 Mz 866.2125 Mz	Cincinnati Columbus - Zone 14

Channel Number 617	Mobile Frequency Base Frequency	821.2250 Mz 866.2250 Mz	Zone 19 Zone 24
Channel Number 618	Mobile Frequency Base Frequency	821.2375 Mz 866.2375 Mz	Unassigned
Channel Number 619	Mobile Frequency Base Frequency	821.2500 Mz 866.2500 Mz	Franklin Hamilton - Zone 22
Channel Number 620	Mobile Frequency Base Frequency	821.2625 Mz 866.2625 Mz	Zone 23 Zone 7
Channel Number 621	Mobile Frequency Base Frequency	821.2750 Mz 866.2750 Mz	Hamilton - WILL EMPLOY A DIRECTIONAL ANTENNA AWAY FROM THE STATE OF INDIANA
Channel Number 622	Mobile Frequency Base Frequency	821.2875 Mz 866.2875 Mz	Akron Zone 18
Channel Number 623	Mobile Frequency Base Frequency	821.3000 Mz 866.3000 Mz	Hamilton Zone 29 - Zone 8
Channel Number 624	Mobile Frequency Base Frequency	821.3125 Mz 866.3125 Mz	Zone 7 Zone 18
Channel Number 625	Mobile Frequency Base Frequency	821.3250 Mz 866.3250 Mz	Unassigned
Channel Number 626	Mobile Frequency Base Frequency	821.3375 Mz 866.3375 Mz	Zone 22 Zone 13
Channel Number 627	Mobile Frequency Base Frequency	821.3500 Mz 866.3500 Mz	Butler
Channel Number 628	Mobile Frequency Base Frequency	821.3625 Mz 866.3625 Mz	Zone 18
Channel Number 629	Mobile Frequency Base Frequency	821.3750 Mz 866.3750 Mz	Dayton - Zone 8 IND State Gov.
Channel Number 630	Mobile Frequency Base Frequency	821.3875 Mz 866.3875 Mz	Columbus Zone 34 - Zone 11
Channel Number 631	Mobile Frequency Base Frequency	821.4000 Mz 866.4000 Mz	Zone 33 IND State Gov.
Channel Number 632	Mobile Frequency Base Frequency	821.4125 Mz 866.4125 Mz	Columbus Zone 4 - Zone 11
Channel Number 633	Mobile Frequency Base Frequency	821.4250 Mz 866.4250 Mz	Unassigned IND State Gov.
Channel Number 634	Mobile Frequency Base Frequency	821.4375 Mz 866.4375 Mz	Columbus Warren - Zone 14

Channel Number 635	Mobile Frequency Base Frequency	821.4500 Mz 866.4500 Mz	Zone 19 IND State Gov.
Channel Number 636	Mobile Frequency Base Frequency	821.4625 Mz 866.4625 Mz	Columbus -Cleveland Zone 14 -Cincinnati
Channel Number 637	Mobile Frequency Base Frequency	821.4750 Mz 866.4750 Mz	Zone 5 - Zone 21 IND State Gov.
Channel Number 638	Mobile Frequency Base Frequency	821.4875 Mz 866.4875 Mz	Franklin Summit
Channel Number 639	Mobile Frequency Base Frequency	821.5125 Mz 866.5125 Mz	Mutual Aid
Channel Number 640	Mobile Frequency Base Frequency	821.5375 Mz 866.5375 Mz	Franklin - Zone 5 Hamilton - Zone 16
Channel Number 641	Mobile Frequency Base Frequency	821.5500 Mz 866.5500 Mz	Zone 21
Channel Number 642	Mobile Frequency Base Frequency	821.5625 Mz 866.5625 Mz	Cincinnati - Akron Franklin - Zone 6
Channel Number 643	Mobile Frequency Base Frequency	821.5750 Mz 866.5750 Mz	Zone 5 - Zone 7 Zone 8
Channel Number 644	Mobile Frequency Base Frequency	821.5875 Mz 866.5875 Mz	Toledo - Cincinnati Franklin - Medina
Channel Number 645	Mobile Frequency Base Frequency	821.6000 Mz 866.6000 Mz	Unassigned
Channel Number 646	Mobile Frequency Base Frequency	821.6125 Mz 866.6125 Mz	Statewide - N. of I-70 - E. of US 23
Channel Number 647	Mobile Frequency Base Frequency	821.6250 Mz 866.6250 Mz	Warren
Channel Number 648	Mobile Frequency Base Frequency	821.6375 Mz 866.6375 Mz	Statewide - N. of I-70 - E. of US 23
Channel Number 649	Mobile Frequency Base Frequency	821.6500 Mz 866.6500 Mz	Unassigned
Channel Number 650	Mobile Frequency Base Frequency	821.6625 Mz 866.6625 Mz	Columbus - Zone 34 Zone 21 - Zone 16
Channel Number 651	Mobile Frequency Base Frequency	821.6750 Mz 866.6750 Mz	Dayton Zone 15
Channel Number 652	Mobile Frequency Base Frequency	821.6875 Mz 866.6875 Mz	Toledo - Zone 27 Cincinnati