

7X Radio ID Numbering Plan State of Ohio

Standards, Protocols, Procedures

I. Purpose/Objectives

The purpose of this policy is to establish a statewide P25 radio ID numbering protocol for the use and deployment of radios, ensuring the most effective usage and allocation of these radio ID's. This document will establish the statewide radio ID protocol which will enable multiple P25 systems within the state of Ohio to be seamlessly merged into a System-of-Systems.

- Establish initial radio ID numbering scheme
- Establish a radio ID range per federal, state, county, local, and other groups
- Establish a procedure for submitting and requesting radio IDs
- Establish single point of contact for all P25 radio system managers to request, have issued, and track radio ID's

II. Technical Background

Radio identifiers consist of a 7-digit number, which, for purposes of this identifying system, will be split between a two-digit prefix and a five-digit ID number. The first two digits will be used to identify the county, agency, and/or geographic region. The remaining five digits will be used to identify individual radio's, as defined by each county or agency, within the approved range.

III. Operational Context

With the implementation of this policy, P25 system managers agree to use a standardized process for allocation of radio IDs. By using this standardized process, the system of systems approach will allow a user from one system to seamlessly roam into other systems without concern for problems caused by duplicate radio IDs.

IV. Recommended Protocol/Standard

See Attachment A

V. Recommended Protocol/Procedure

When radio IDs are required or reused, the system manager of the particular system contacts the MARCS radio ID coordinator for ID assignment. The coordinator assigns IDs, which will be activated when the system manager provides corresponding radio serial numbers. At that point the coordinator will notify other system managers so that all systems can be updated.

If a system manager inhibits a radio, it is the system manager's responsibility to notify the radio ID coordinator so that it may be inhibited on all systems.

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VI. Management

MARCS is responsible for but not limited to the following:

- Assignment of persons to maintain the database and assist system managers.
- Ensure assignment of unique radio IDs.
- Maintain the database of radio IDs by agency, county, and/or owner of the ID.

| | | Radio IDS | | 01/01/2013 | | | |
|--------|------------|-----------|-----------|------------|--|-----------|-----------|
| Prefix | Entity | Start | End | Prefix | Entity | Start | End |
| 01 | Adams | 100,000 | 199,999 | 55 | Miami | 5,500,000 | 5,599,999 |
| 02 | Allen | 200,000 | 299,999 | 56 | Monroe | 5,600,000 | 5,699,999 |
| 03 | Ashland | 300,000 | 399,999 | 57 | Montgomery | 5,700,000 | 5,799,999 |
| 04 | Ashtabula | 400,000 | 499,999 | 58 | Morgan | 5,800,000 | 5,899,999 |
| 05 | Athens | 500,000 | 599,999 | 59 | Morrow | 5,900,000 | 5,999,999 |
| 06 | Auglaize | 600,000 | 699,999 | 60 | Muskingum | 6,000,000 | 6,099,999 |
| 07 | Belmont | 700,000 | 799,999 | 61 | Noble | 6,100,000 | 6,199,999 |
| 08 | Brown | 800,000 | 899,999 | 62 | Ottawa | 6,200,000 | 6,299,999 |
| 09 | Butler | 900,000 | 999,999 | 63 | Paulding | 6,300,000 | 6,399,999 |
| 10 | Carroll | 1,000,000 | 1,099,999 | 64 | Perry | 6,400,000 | 6,499,999 |
| 11 | Champaign | 1,100,000 | 1,199,999 | 65 | Pickaway | 6,500,000 | 6,599,999 |
| 12 | Clark | 1,200,000 | 1,299,999 | 66 | Pike | 6,600,000 | 6,699,999 |
| 13 | Clermont | 1,300,000 | 1,399,999 | 67 | Portage | 6,700,000 | 6,799,999 |
| 14 | Clinton | 1,400,000 | 1,499,999 | 68 | Preble | 6,800,000 | 6,899,999 |
| 15 | Columbiana | 1,500,000 | 1,599,999 | 69 | Putman | 6,900,000 | 6,999,999 |
| 16 | Coshocton | 1,600,000 | 1,699,999 | 70 | Richland | 7,000,000 | 7,099,999 |
| 17 | Crawford | 1,700,000 | 1,799,999 | 71 | Ross | 7,100,000 | 7,199,999 |
| 18 | Parma | 1,800,000 | 1,809,999 | 72 | Sandusky | 7,200,000 | 7,299,999 |
| | Cleveland | 1,810,000 | 1,879,999 | 73 | Scioto | 7,300,000 | 7,399,999 |
| | Cuyahoga | 1,880,000 | 1,889,999 | 74 | Seneca | 7,400,000 | 7,499,999 |
| | MARCS | 1,890,000 | 1,899,999 | 75 | Shelby | 7,500,000 | 7,599,999 |
| 19 | Darke | 1,900,000 | 1,999,999 | 76 | Stark | 7,600,000 | 7,699,999 |
| 20 | Defiance | 2,000,000 | 2,099,999 | 77 | Summit | 7,700,000 | 7,799,999 |
| 21 | Delaware | 2,100,000 | 2,199,999 | 78 | Trumbull | 7,800,000 | 7,899,999 |
| 22 | Erie | 2,200,000 | 2,299,999 | 79 | Tuscarawas | 7,900,000 | 7,999,999 |
| 23 | Fairfield | 2,300,000 | 2,399,999 | 80 | Union | 8,000,000 | 8,099,999 |
| 24 | Fayette | 2,400,000 | 2,499,999 | 81 | Van Wert | 8,100,000 | 8,199,999 |
| 25 | Franklin | 2,500,000 | 2,599,999 | 82 | Vinton | 8,200,000 | 8,299,999 |
| 26 | Fulton | 2,600,000 | 2,699,999 | 83 | Warren | 8,300,000 | 8,399,999 |
| 27 | Gallia | 2,700,000 | 2,799,999 | 84 | Washington | 8,400,000 | 8,499,999 |
| 28 | Geauga | 2,800,000 | 2,899,999 | 85 | Wayne | 8,500,000 | 8,599,999 |
| 29 | Greene | 2,900,000 | 2,999,999 | 86 | Williams | 8,600,000 | 8,699,999 |
| 30 | Guernsey | 3,000,000 | 3,099,999 | 87 | Wood | 8,700,000 | 8,799,999 |
| 31 | Hamilton | 3,100,000 | 3,199,999 | 88 | Wyandot | 8,800,000 | 8,899,999 |
| 32 | Hancock | 3,200,000 | 3,299,999 | 89 | Future Use | 8,900,000 | 8,999,999 |
| 33 | Hardin | 3,300,000 | 3,399,999 | 90 | OSHP | 9,000,000 | 9,099,999 |
| 34 | Harrison | 3,400,000 | 3,499,999 | 91 | DNR | 9,100,000 | 9,199,999 |
| 35 | Henry | 3,500,000 | 3,599,999 | 92 | DRC | 9,200,000 | 9,299,999 |
| 36 | Highland | 3,600,000 | 3,699,999 | 93 | Other State Agencies | 9,300,000 | 9,399,999 |
| 37 | Hocking | 3,700,000 | 3,799,999 | 94 | Federal | 9,400,000 | 9,499,999 |
| 38 | Holmes | 3,800,000 | 3,899,999 | 95 | MARCS | 9,500,000 | 9,599,999 |
| 39 | Huron | 3,900,000 | 3,999,999 | 96 | Nongovernment | 9,600,000 | 9,699,999 |
| 40 | Jackson | 4,000,000 | 4,099,999 | 97 | Future Use | 9,700,000 | 9,799,999 |
| 41 | Jefferson | 4,100,000 | 4,199,999 | 98 | Future Use | 9,800,000 | 9,899,999 |
| 42 | Knox | 4,200,000 | 4,299,999 | 99 | Other States | 99xxxxx | |
| 43 | Lake | 4,300,000 | 4,399,999 | | Indiana | 9,910,000 | 9,919,999 |
| 44 | Lawrence | 4,400,000 | 4,499,999 | | Michigan | 9,920,000 | 9,929,999 |
| 45 | Licking | 4,500,000 | 4,599,999 | | New York | 9,930,000 | 9,939,999 |
| 46 | Logan | 4,600,000 | 4,699,999 | | Pennsylvania | 9,940,000 | 9,949,999 |
| 47 | Lorain | 4,700,000 | 4,799,999 | | West Virginia | 9,950,000 | 9,959,999 |
| 48 | Lucas | 4,800,000 | 4,899,999 | | Kentucky | 9,960,000 | 9,969,999 |
| 49 | Madison | 4,900,000 | 4,999,999 | | | | |
| 50 | Mahoning | 5,000,000 | 5,099,999 | | SmartX | 0 | 65535 |
| 51 | Marion | 5,100,000 | 5,199,999 | | Interoperability | 27000 | 27999 |
| 52 | Medina | 5,200,000 | 5,299,999 | | | | |
| 53 | Meigs | 5,300,000 | 5,399,999 | | Last 10,000 of each county range will be allocated for | | |
| 54 | Mercer | 5,400,000 | 5,499,999 | | MARCS Example - for Mercer County it would be | | |
| | | | | | | 5,490,000 | 5,499,999 |