







Subscriber Radio Programming

County Interoperability Zones

20-MAC	MACCALL	Used for on-scene tactical communications. Contact the SCSO on MACCALL for a talkgroup assignment.
21-MERC	MERCCALL	Assigned by Summit County EMA for command functions on large incidents.
22-RPT	SC TAC1	<p>Mobile/Portable repeaters for on-scene tactical communications with coverage from SCA8RRS is unusable.</p> <ol style="list-style-type: none"> 1. SC TAC 1 – Summit County mobile/portable repeater. 2. SC TAC 2 – Summit County mobile/portable repeater. 3. SC TAC 3 – Summit County mobile/portable repeater. 4. SC TAC 4 – Summit County mobile/portable repeater. 5. SC TAC 5 – Summit County mobile/portable repeater. 6. SC TAC 6 – Summit County mobile/portable repeater. 7. AK RPT1 – Akron Fire mobile/portable repeater. 8. AK RPT2 – Akron Fire mobile/portable repeater. 9. CF RPT1 – Cuyahoga Falls mobile/portable repeater. 10. CF RPT2 – Cuyahoga Falls mobile/portable repeater. 11. ST RPT1 – Stow mobile/portable repeater.
23-TAC	SC TAC1D	Talkaround of the SC TAC1 – SC TAC 6 repeaters channels. Simplex (non-repeater) channel used for on-scene line of site communications.
24-PGM	PROGRAM	Talkgroups for Over-The-Air Programming of radios or establishing special ad-hoc talkgroups. To be used only when instructed by system a technician or dispatch.

State Interoperability

<p align="center">30-SO77</p>	<p align="center">      </p>	<p>XSO-77 thru XSO-85 Each Sheriff in the state is equipped with a MARCS base radio. These radios are placed in the communication center of the sheriff's choice. By calling the alpha-based two digit county number (e.g. "APD Car 3 to SO 77"), you will be communicating with the Sheriff's Communication Center. Also, the OSHP post in a county monitors that county's SO talkgroup and those SO talkgroups of adjacent counties.</p> <p>XPURSUIT5 Pursuit talkgroup provide the means for first responders to engage in multiagency/multi-jurisdictional pursuits. These are available at any time without restriction during a pursuit.</p> <p>XECOMM20 Used by fire departments to communicate during statewide mutual aid incidents. Anticipate being assigned another ECOMM for on scene communications.</p> <p>XHELPDESK This talkgroup is monitored by the Ohio Office of Information Technology/MARCS-dedicated helpdesk, located at the State of Ohio Computer Center in Columbus. The Helpdesk primary purpose is to assist MARCS equipment users with problems encountered with the MARCS voice or data systems statewide. It can also be used as the initial point of contact for MARCS command staff. Helpdesk may also be reached 24/7 @ 1-866-OH-MARCS (1-866-646-2727).</p>
<p align="center">31-HOSP</p>	<p align="center">  </p>	<p>EMS agencies may use these talkgroups to communicate directly with the respective emergency department of each hospital. Multiple agencies may use these including air operations.</p> <ol style="list-style-type: none"> 1. XHOS7701 – Cleveland Clinic – Akron (AGMC) 2. XHOS7702 – Akron Children's Hospital 3. XHOS7703 – Western Reserve 4. XHOS7705 – Summa – Akron City 5. XHOS7706 – Summa – Barberton 6. XHOS1801 – Cleveland Clinic – Main (Cleveland) 7. XHOS1805 – Hillcrest 8. XHOS1811 – South Pointe 9. XHOS1816 – UHHS Bedford 10. XHOS5001 – Mahoning – St. Elizabeth 11. XHOS5201 – Cleveland Clinic – Medina General 12. XHOS6701 – UHHS Portage

		<p>13. XHOS7601 – Canton Aultman 14. XHOS7604 – Canton Mercy 15. XHOS7605 – Affinity Massillon</p>
32-LECO	XLECOM1	<p>XLECOM1 thru XLECOM16 MARCS users “event/emergency” talk groups – offers the ability to talk to any other user when involved in a planned event or emergency. XLECOM’S can be used for local emergencies such as structure fires or planned events like a parade. (Prior to using, caller must announce intent to use and determine if the talkgroup is already in use. These XLECOM talkgroups are specifically for “local” event/emergency situations.</p>
33-MARC	XMARCS1 MARCRPT1	<p>XMARCS 1 thru 14 These are talkgroups established for additional interoperability between MARCS users. They may be used for state or local emergency coordination if desired. XMARCS can be used for local emergencies such as structure fires or planned events like a parade. (Prior to using, caller must announce intent to use and determine if the talkgroup is already in use.</p> <p>XMARCRPT 1 thru 2 – These are standalone repeater pairs that are usually patched to a MARCS talkgroup via the BSSA trucks or the MARCS owned portable repeaters.</p>
34-MCALL	XMCALL2 XMCOMM2	<p>XMCALL 1 thru 4 MARCS “Hailing Channel”, Zones 1-4 (see map titled “MARCS Zones”) Allows any user to call for help from anywhere in the state. These talkgroups are monitored 24/7 by all OSHP Posts within the physical limits of each Zone. The talkgroups are also monitored 24/7 by ODNr’s Columbus Central Dispatch. (It is preferred the call be directed to the zone the call originates from, but is not required.)</p> <p>XMCOMM 1 thru 4 MARCS users generic talkgroups for any user to be able to talk to any other user. These talkgroups are NOT monitored by MARCS base locations. Generally, a dispatcher would direct you to “go to XMCOMM 1 to talk to Officer A,” etc. (While each XMCOMM has statewide capability, the theoretical purpose is for “direct” communications in each geographic Zone.)</p>
35-ECOMA & 36-ECOMB	XECOMM1	<p>XECOMM 1 thru 28 MARCS users generic “interoperable” talk groups. To be used to talk to any other user when involved in a MARCS-coordinated</p>

		<p>emergency. At a multi-agency scene, Command/Communications/Control would steer responders to these talkgroups, based on functional work groups. (E.g. A MARCS-equipped CCC would direct “All incoming traffic units go to XECOMM 9”, “all incoming rescue units go to XECOMM 11”, “all incoming hot zone units go to XECOMM12”, etc.)</p> <p>XECOMM 1-19 will be coordinated through the MARCS 24hr Help Desk via XHELPDSK or (866)-646-2727.</p> <p>XECOMM 21-28 utilized for Homeland Security Regions 1-8 (HS Region 1 – use XECOMM21).</p> <p>XECOMM 20 is used for Homeland Security HAILING</p>
37-SCOMA & 38-SCOMB	XSCOMM01	<p>XSCOMM 1 thru 16 – TOW 5A1 These talkgroups are used with the standalone MARCS Tower on Wheels (TOW 5A1). To be used to talk to any other user when involved in an emergency or event only when the TOWS are deployed. As with the ECOMMs, units would be “steered” to these talkgroups by state personnel.</p> <p>XSCOMM 17thru 32 – TOW 649 These talkgroups are used with TOW 649. See TOW 5A1 definition above.</p>
39-CLEV	REGIONAL-CALL	<p>CLEVELAND City of Cleveland mutual aid talkgroups utilized the same as Summit County MAC talkgroups. Cleveland system covers all of Cuyahoga County.</p>

Nationwide Interoperability

50-US1	<p>7LAW61</p> <p>7FIRE63</p> <p>7MED65</p>	<p>Non-federal, law enforcement, fire, EMS, TOW, and data mobile/portable repeater channels for on-scene tactical communications or training.</p>
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<p>51-US2</p>	<p>7LAW61D</p> <p>7FIRE63D</p> <p>7MED65D</p>	<p>Non-federal, law enforcement, fire, EMS, TOW, and data mobile/portable talkaround (simplex) channels for on-scene tactical communications or training.</p>
<p>52-US3</p>	<p>7CALL50</p>	<p>Non-federal, multi-jurisdictional mobile/portable repeater channels for on-scene tactical communications or training.</p>
<p>53-US4</p>	<p>7CALL50D</p>	<p>Non-federal, multi-jurisdictional talkaround (simplex) channels for on-scene tactical communications or training.</p>
<p>54-A/G</p>	<p>7AG58</p> <p>7AG58D</p>	<p>Non-federal, mobile/portable repeater channels for air-to-ground communications. Channels with the suffix "D" are talkaround (simplex) channels.</p>
<p>55-NPS</p>	<p>8CALL90</p> <p>8TAC91</p>	<p>Non-federal, multi-jurisdictional mobile/portable repeater channels for on-scene tactical communications or training.</p>
<p>56-NPS/D</p>	<p>8TAC91D</p> <p>8CALL90D</p> <p>M TA-1</p>	<p>Non-federal, multi-jurisdictional talkaround (simplex) channels for on-scene tactical communications or training.</p>

SUBSCRIBER RADIO PROGRAMMING TEMPLATE

*** THESE ZONES WILL BE USED ON THE NEW SCA8RRS P25 SYSTEM PRIOR TO OUR CONNECTION TO MARCS ***															
SYSTEM	PERSONAL ZONES		COUNTY INTEROPERABILITY					NATIONAL INTEROPERABILITY							
ZONE#	6F4	6F4	6F4	6F4	CONV	CONV	6F4	CONV	CONV	CONV	CONV	CONV	CONV	CONV	
ZONE NAME	Z60	Z79	Z80	Z81	Z82	Z83	Z84	Z90	Z91	Z92	Z93	Z94	Z95	Z96	
CHANNEL	TBD	TBD	80-MAC	81-MERC	82-RPT	83-TAC	84-PGM	90-US1	91-US2	92-US3	93-US4	94-A/G	95-NPS	96-NPS/D	
1			MACCALL	MERCCALL	SC TAC1	SC TAC1D	PROGRAM	7LAW61	7LAW61D	7CALL50	7CALL50D	7AG58	8CALL90	8CALL90D	
2			MAC 02	MERC 02	SC TAC2	SC TAC2D	REGROUP	7LAW62	7LAW62D	7TAC51	7TAC51D	7AG58D	8TAC91	8TAC91D	
3			MAC 03	MERC 03	SC TAC3	SC TAC3D		7FIRE63	7FIRE63D	7TAC52	7TAC52D	7AG60	8TAC92	8TAC92D	
4			MAC 04	MERC 04	SC TAC4	SC TAC4D		7FIRE64	7FIRE64D	7TAC53	7TAC53D	7AG60D	8TAC93	8TAC93D	
5			MAC 05	MERC 05	SC TAC5	SC TAC5D		7MED65	7MED65D	7TAC54	7TAC54D	7AG67	8TAC94	8TAC94D	
6			MAC 06	MERC 06	SC TAC6	SC TAC6D		7MED66	7MED66D	7TAC55	7TAC55D	7AG67D		M TA-1	
7			MAC 07	MERC 07	AK RPT1			7LAW81	7LAW81D	7TAC56	7TAC56D	7AG68		M TA-2	
8			MAC 08	MERC 08	AK RPT2			7LAW82	7LAW82D	7GTAC57	7GTAC57D	7AG68D		M TA-3	
9			MAC 09	MERC 09	CF RPT1			7FIRE83	7FIRE83D	7CALL70	7CALL70D	7AG78			
10			MAC 10	MERC 10	CF RPT2			7FIRE84	7FIRE84D	7TAC71	7TAC71D	7AG78D			
11			MAC 11	MERC 11	ST RPT1			7MED86	7MED86D	7TAC72	7TAC72D	7AG80			
12			MAC 12	MERC 12				7MED87	7MED87D	7TAC73	7TAC73D	7AG80D			
13			MAC 13	MERC 13				7MOB59	7MOB59D	7TAC74	7TAC74D	7AG85			
14			MAC 14	MERC 14				7MOB79	7MOB79D	7TAC75	7TAC75D	7AG85D			
15			MAC 15	MERC 15				7DATA69	7DATA69D	7TAC76	7TAC76D	7AG88			
16	SC T/A	SC T/A	SC T/A	SC T/A	SC T/A	SC T/A	SC T/A	7DATA89	7DATA89D	7GTAC77	7GTAC77D	7AG88D			
	USER SPECIFIC		ALL USERS		LAW/FIRE ONLY			ALL USERS		LAW/FIRE ONLY					

- NOTES:
- 1: ZONES Z60 - Z79 RESERVED FOR USER SPECIFIC CHANNELS/TALKGROUPS
 - 2: ZONES Z80 - Z89 RESERVED FOR COUNTY INTEROPERABILITY CHANNELS/TALKGROUPS
 - 3: ZONES Z90 - Z99 RESERVED FOR NATIONAL INTEROPERABILITY CHANNELS/TALKGROUPS
 - 4: PRE CONNECTION TO MARCS, SC T/A IS ANALOG CHANNEL

*** THESE ZONES WILL BE USED ON THE NEW SCA8RRS P25 SYSTEM AFTER OUR CONNECTION TO MARCS ***																								
SYSTEM	PERSONAL ZONES		COUNTY INTEROPERABILITY					STATE INTEROPERABILITY										NATIONAL INTEROPERABILITY						
ZONE#	348	348	348	348	CONV	CONV	348	348	348	348	348	348	348	348	348	5A1	649	49F	CONV	CONV	CONV	CONV	CONV	CONV
ZONE NAME	Z01	Z19	Z20	Z21	Z22	Z23	Z24	Z30	Z31	Z32	Z33	Z34	Z35	Z36	Z37	Z38	Z39	Z50	Z51	Z52	Z53	Z54	Z55	Z56
CHANNEL	TBD	TBD	20-MAC	21-MERC	22-RPT	23-TAC	24-PGM	30-SO77	31-HOSP	32-LECO	33-MARC	34-MCAL	35-ECOMA	36-ECOMB	37-SCOMA	38-SCOMB	39-CLEV	50-US1	51-US2	52-US3	53-US4	54-A/G	55-NPS	56-NPS/D
1			MACCALL	MERCCALL	SC TAC1	SC TAC1D	PROGRAM	XSO-77	XHOS7701	XLECOM1	XMARCS1	XMCALL1	XECOMM1	XECOMM17	XSCOMM01	XSCOMM17	REGIONAL-CALL	7LAW61	7LAW61D	7CALL50	7CALL50D	7AG58	8CALL90	8CALL90D
2			MAC 02	MERC 02	SC TAC2	SC TAC2D	REGROUP	XSO-18	XHOS7702	XLECOM2	XMARCS2	XMCOMM1	XECOMM2	XECOMM18	XSCOMM02	XSCOMM18	REGIONAL-2	7LAW62	7LAW62D	7TAC51	7TAC51D	7AG58D	8TAC91	8TAC91D
3			MAC 03	MERC 03	SC TAC3	SC TAC3D		XSO-28	XHOS7703	XLECOM3	XMARCS3	XMCALL2	XECOMM3	XECOMM19	XSCOMM03	XSCOMM19	REGIONAL-3	7FIRE63	7FIRE63D	7TAC52	7TAC52D	7AG60	8TAC92	8TAC92D
4			MAC 04	MERC 04	SC TAC4	SC TAC4D		XSO-52	XHOS7705	XLECOM4	XMARCS4	XMCOMM2	XECOMM4	XECOMM20	XSCOMM04	XSCOMM20	REGIONAL-4	7FIRE64	7FIRE64D	7TAC53	7TAC53D	7AG60D	8TAC93	8TAC93D
5			MAC 05	MERC 05	SC TAC5	SC TAC5D		XSO-67	XHOS7706	XLECOM5	XMARCS5	XMCALL3	XECOMM5	XECOMM21	XSCOMM05	XSCOMM21	REGIONAL-5	7MED65	7MED65D	7TAC54	7TAC54D	7AG67	8TAC94	8TAC94D
6			MAC 06	MERC 06	SC TAC6	SC TAC6D		XSO-76	XHOS1801	XLECOM6	XMARCS6	XMCOMM3	XECOMM6	XECOMM22	XSCOMM06	XSCOMM22	REGIONAL-6	7MED66	7MED66D	7TAC55	7TAC55D	7AG67D		M TA-1
7			MAC 07	MERC 07	AK RPT1			XSO-85	XHOS1805	XLECOM7	XMARCS7	XMCALL4	XECOMM7	XECOMM23	XSCOMM07	XSCOMM23	REGIONAL-7	7LAW81	7LAW81D	7TAC56	7TAC56D	7AG68		M TA-2
8			MAC 08	MERC 08	AK RPT2			XSO-NE	XHOS1811	XLECOM8	XMARCS8	XMCOMM4	XECOMM8	XECOMM24	XSCOMM08	XSCOMM24	REGIONAL-8	7LAW82	7LAW82D	7GTAC57	7GTAC57D	7AG68D		M TA-3
9			MAC 09	MERC 09	CF RPT1			XPRSUIT5	XHOS1816	XLECOM9	XMARCS9	XHLPDESK	XECOMM9	XECOMM25	XSCOMM09	XSCOMM25	REGIONAL-9	7FIRE83	7FIRE83D	7CALL70	7CALL70D	7AG78		
10			MAC 10	MERC 10	CF RPT2			XECOMM20	XHOS5001	XLECOM10	XMARCS10		XECOMM10	XECOMM26	XSCOMM10	XSCOMM26	REGIONAL-10	7FIRE84	7FIRE84D	7TAC71	7TAC71D	7AG78D		
11			MAC 11	MERC 11	ST RPT1			XHLPDESK	XHOS5201	XLECOM11	XMARCS11		XECOMM11	XECOMM27	XSCOMM11	XSCOMM27	REGIONAL-11	7MED86	7MED86D	7TAC72	7TAC72D	7AG80		
12			MAC 12	MERC 12					XHOS6701	XLECOM12	XMARCS12		XECOMM12	XECOMM28	XSCOMM12	XSCOMM28	REGIONAL-12	7MED87	7MED87D	7TAC73	7TAC73D	7AG80D		
13			MAC 13	MERC 13					XHOS7601	XLECOM13	XMARCS13		XECOMM13		XSCOMM13	XSCOMM29	REGIONAL-13	7MOB59	7MOB59D	7TAC74	7TAC74D	7AG85		
14			MAC 14	MERC 14					XHOS7604	XLECOM14	XMARCS14		XECOMM14		XSCOMM14	XSCOMM30	REGIONAL-14	7MOB79	7MOB79D	7TAC75	7TAC75D	7AG85D		
15			MAC 15	MERC 15					XHOS7605	XLECOM15	MARCRPT1		XECOMM15		XSCOMM15	XSCOMM31	REGIONAL-15	7DATA69	7DATA69D	7TAC76	7TAC76D	7AG88		
16	SC T/A	SC T/A	SC T/A	SC T/A	SC T/A	SC T/A				XLECOM16	MARCRPT2		XECOMM16		XSCOMM16	XSCOMM32	REGIONAL-16	7DATA89	7DATA89D	7GTAC77	7GTAC77D	7AG88D		
	USER SPECIFIC		ALL USERS		LAW/FIRE ONLY			ALL USERS		LAW/FIRE ONLY														

- NOTES:
- 1: ZONES Z00 - Z19 RESERVED FOR USER SPECIFIC CHANNELS/TALKGROUPS
 - 2: ZONES Z20 - Z29 RESERVED FOR COUNTY INTEROPERABILITY CHANNELS/TALKGROUPS
 - 3: ZONES Z30 - Z49 RESERVED FOR STATE INTEROPERABILITY CHANNELS/TALKGROUPS. ZONES Z37 AND Z38 ARE MARCS TOW SITES (TOWER ON WHEELS)
 - 4: ZONES Z50 - Z59 RESERVED FOR NATIONAL INTEROPERABILITY CHANNELS/TALKGROUPS
 - 5: POST CONNECTION TO MARCS, SC T/A IS P25 DIGITAL CHANNEL WITH PTT ID AND EMERGENCY BUTTON ACTIVE

SCA8RRS - P25 Upgrade

The radio system upgrade is a two phase process. Phase 1 requires moving users from our existing system to the new P25 system in 2017. Phase 2 involves connecting our P25 system to the State of Ohio MARCS system in 2018. Your radio has been programmed for both phases. Use phase 1 zones until instructed to use phase 2 zones. Once phase 2 is completed, phase 1 zones will no longer function.

See detailed user manual at: <https://tinyurl.com/sca8rrs-manual>

Phase 1 Zones	
Zone	Use
60-79	Your Organization's Operational Zones
80-MAC	Countywide Mutual Aid (MAC)
81-MERC	Countywide Major Emergency (MERC)
82-RPT	Countywide Mobile Repeaters
83-TAC	Countywide TAC Channels
84-PGM	Radio Programming
90-US1	Nationwide Mutual Aid Repeaters
91-US2	Nationwide Mutual Aid Talkaround
92-US3	Nationwide Mutual Aid Repeaters
93-US4	Nationwide Mutual Aid Talkaround
94-A/G	Nationwide Air-to-Ground
95-NPS	Nationwide Mutual Aid Repeaters
96-NPS/D	Nationwide Mutual Aid Talkaround

Phase 2 Zones	
Zone	Use
00-19	Your Organization's Operational Zones
20-MAC	Countywide Mutual Aid (MAC)
21-MERC	Countywide Major Emergency (MERC)
22-RPT	Countywide Mobile Repeaters
23-TAC	Countywide TAC Channels
24-PGM	Radio Programming
30-SO77	Surrounding Sheriff Offices
31-HOSP	Local Hospitals
32-LECO	Statewide Mutual Aid (LECOM)
33-MARC	Statewide Mutual Aid (MARC)
34-MCAL	Statewide Mutual Aid (MCAL)
35-ECOMA	Statewide Mutual Aid (ECOM)
36-ECOMB	Statewide Mutual Aid (ECOM)
37-SCOMA	Statewide Mutual Aid (SCOMM)
38-SCOMB	Statewide Mutual Aid (SCOMM)
39-CLEV	Cleveland Mutual Aid
50-US1	Nationwide Mutual Aid Repeaters
51-US2	Nationwide Mutual Aid Talkaround
52-US3	Nationwide Mutual Aid Repeaters
53-US4	Nationwide Mutual Aid Talkaround
54-A/G	Nationwide Air-to-Ground
55-NPS	Nationwide Mutual Aid Repeaters
56-NPS/D	Nationwide Mutual Aid Talkaround

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93-US4	Nationwide Mutual Aid Talkaround
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95-NPS	Nationwide Mutual Aid Repeaters
96-NPS/D	Nationwide Mutual Aid Talkaround

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23-TAC	Countywide TAC Channels
24-PGM	Radio Programming
30-SO77	Surrounding Sheriff Offices
31-HOSP	Local Hospitals
32-LECO	Statewide Mutual Aid (LECOM)
33-MARC	Statewide Mutual Aid (MARC)
34-MCAL	Statewide Mutual Aid (MCAL)
35-ECOMA	Statewide Mutual Aid (ECOM)
36-ECOMB	Statewide Mutual Aid (ECOM)
37-SCOMA	Statewide Mutual Aid (SCOMM)
38-SCOMB	Statewide Mutual Aid (SCOMM)
39-CLEV	Cleveland Mutual Aid
50-US1	Nationwide Mutual Aid Repeaters
51-US2	Nationwide Mutual Aid Talkaround
52-US3	Nationwide Mutual Aid Repeaters
53-US4	Nationwide Mutual Aid Talkaround
54-A/G	Nationwide Air-to-Ground
55-NPS	Nationwide Mutual Aid Repeaters
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93-US4	Nationwide Mutual Aid Talkaround
94-A/G	Nationwide Air-to-Ground
95-NPS	Nationwide Mutual Aid Repeaters
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Phase 2 Zones	
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30-SO77	Surrounding Sheriff Offices
31-HOSP	Local Hospitals
32-LECO	Statewide Mutual Aid (LECOM)
33-MARC	Statewide Mutual Aid (MARC)
34-MCAL	Statewide Mutual Aid (MCAL)
35-ECOMA	Statewide Mutual Aid (ECOM)
36-ECOMB	Statewide Mutual Aid (ECOM)
37-SCOMA	Statewide Mutual Aid (SCOMM)
38-SCOMB	Statewide Mutual Aid (SCOMM)
39-CLEV	Cleveland Mutual Aid
50-US1	Nationwide Mutual Aid Repeaters
51-US2	Nationwide Mutual Aid Talkaround
52-US3	Nationwide Mutual Aid Repeaters
53-US4	Nationwide Mutual Aid Talkaround
54-A/G	Nationwide Air-to-Ground
55-NPS	Nationwide Mutual Aid Repeaters
56-NPS/D	Nationwide Mutual Aid Talkaround