

MINUTES

Polk County Metro Interoperability Committee
Thursday, April 25, 2024
C14
1100-1200 hours



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Meeting Objective: To identify shortfalls and potential communication solutions to improve Polk County Service Area response.

- **Welcome & Updates**
 - CAD Improvement Project-Hentzel-None
- **ICS-205**
 - IronMan-Talkgroups reserved
 - Iowa State Fair Initial View
- **RINO 2.0 Pros and Cons List Discussion**-Dehnert, Lockard, and Patras

RINO 2.0 Pros and Cons	
PROS	CONS
At the time of the RINO 2.0 upgrade, there was a need for easy communication/patching between PSAPs that couldn't be met with existing systems. The upgrade met this need.	There is no longer a need for RINO 2.0 as there is the ability to use a regional or subregional calling talkgroup or core resource patch to offer many solutions that were not available when RINO 2.0 was implemented
Determine whether there are other uses (CAD/RMS), but most likely a different funding stream	RINO 2.0 is no longer needed for radio.
	Is the money being spent on RINO 2.0 being spent judiciously?
****Operations MUST be on board to get rid of RINO 2.0 before a recommendation is made to the 911 Executive Committee.****	

- Nice to have as an intercom and backup mechanism, but do not need everything provided by AUREON. Put RINO 2.0 on the local network. MICS equipment is still there for Polk County and Westcom and is sitting on the City of Des Moines Network. The goal is to have it off the AUREON Network by July 1, 2024
 - The goal of future use of RINO is to continue with the intercome and have a backup for patching as needed.
 - RINO is NOT RF Resource so it keeps it out of scanner land
 - Connection Des Moines to Polk and share with DPS and Westcom
 - If it is a shared council resource, the Westcom and DPS couldn't patch
 - Each PSAP needs to work on it with its IT department.
- **Unified Concept of Interoperability**-Dehnert
 - Discussion of encryption and what needs to be added.

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Alleman - Altoona - Ankeny - Bondurant - Clive - Des Moines - Elkhart - Grimes - Johnston - Mitchellville
Pleasant Hill - Polk City - Polk County - Runnells - Urbandale - West Des Moines - Windsor Heights

- Reach out to Dehnert if you need a copy of page two of the Unified Concept of Interoperability. Please make your comments by the next meeting.
- See Attachment 1 for ICS 217A for ISICSB
 - Need to update page two because ISICSB's 217A added GTACS to the minimum interoperability requirement.
 - Question why the 700 stopped at 7TAC55 and 7TAC55D? This standard is less than the NIFOG standard.
 - Item will be on the next agenda
- **Sharing Interoperability Incidents and Opportunities**
- **Adjourn**

Next Meeting: May 23, 2024



Attachment #1

ISICSB Minimum Interoperable Radio Channels & Nomenclature COMMUNICATIONS RESOURCE AVAILABILITY WORKSHEET					Frequency Band		Description			
					VHF, UHF, 7/800		Iowa Interoperability Channels			
	Channel Configuration	Channel Name	Eligible Users	Receive Frequency	Receive Squelch	Transmit Frequency	Transmit Squelch	Mode (A, D, or M)	Remarks	
	Simplex/Direct	VCALL10	For FCC Part 90 licensees, the non-Federal National Interoperability Channels VCALL10-VTAC14, UCALL40-UTAC43, and 8CALL90-8TAC94 are covered by a "blanket authorization" from the FCC - "Public safety licensees ... can operate mobile units on these interoperability channels without an individual license." See FCC 00-348, released 10/10/2000, paragraph 90.	155.7525 N	156.7	155.7525	156.7	A		
	Simplex/Direct	VTAC11		151.1375 N	156.7	151.1375	156.7	A		
	Simplex/Direct	VTAC12		154.4525 N	156.7	154.4525	156.7	A		
	Simplex/Direct	VTAC13		158.7375 N	156.7	158.7375	156.7	A		
	Simplex/Direct	VTAC14		159.4725 N	156.7	159.4725	156.7	A		
	Duplex/Repeater	UCALL40		453.2125 N	156.7	458.2125	156.7	A		
	Simplex/Direct	UCALL40D		453.2125 N	156.7	453.2125	156.7	A		
	Duplex/Repeater	UTAC41		453.4625 N	156.7	458.4625	156.7	A		
	Simplex/Direct	UTAC41D		453.4625 N	156.7	453.4625	156.7	A		
	Duplex/Repeater	UTAC42		453.7125 N	156.7	458.7125	156.7	A		
	Simplex/Direct	UTAC42D		453.7125 N	156.7	453.7125	156.7	A		
	Duplex/Repeater	UTAC43		453.8625 N	156.7	458.8625	156.7	A		
	Simplex/Direct	UTAC43D	453.8625 N	156.7	453.8625	156.7	A			
	Duplex/Repeater	7CALL50	A public safety entity meeting the requirements of 47 CFR § 90.523 may operate mobile or portable units on the Interoperability channels in the 769-775 MHz and 799-805 MHz frequency bands without a specific authorization from the Commission provided it holds a part 90 license.	769.24375 N	\$F7E	799.24375 N	\$293	D	TGID \$0001	
	Simplex/Direct	7CALL50D		769.24375 N	\$F7E	769.24375 N	\$293	D	TGID \$0001	
	Duplex/Repeater	7TAC51		769.14375 N	\$F7E	799.14375 N	\$293	D	TGID \$0001	
	Simplex/Direct	7TAC51D		769.14375 N	\$F7E	769.14375 N	\$293	D	TGID \$0001	
	Duplex/Repeater	7TAC52		769.64375 N	\$F7E	799.64375 N	\$293	D	TGID \$0001	
	Simplex/Direct	7TAC52D		769.64375 N	\$F7E	769.64375 N	\$293	D	TGID \$0001	
	Duplex/Repeater	7TAC53		770.14375 N	\$F7E	800.14375 N	\$293	D	TGID \$0001	
	Simplex/Direct	7TAC53D		770.14375 N	\$F7E	770.14375 N	\$293	D	TGID \$0001	
	Duplex/Repeater	7TAC54		770.64375 N	\$F7E	800.64375 N	\$293	D	TGID \$0001	
	Simplex/Direct	7TAC54D		770.64375 N	\$F7E	770.64375 N	\$293	D	TGID \$0001	
	Duplex/Repeater	7TAC55		769.74375 N	\$F7E	799.74375 N	\$293	D	TGID \$0001	
	Simplex/Direct	7TAC55D		769.74375 N	\$F7E	769.74375 N	\$293	D	TGID \$0001	
	Duplex/Repeater	8CALL90	For FCC Part 90 licensees, the non-Federal National Interoperability Channels VCALL10-VTAC14, UCALL40-UTAC43, and 8CALL90-8TAC94 are covered by a "blanket authorization" from the FCC - "Public safety licensees ... can operate mobile units on these interoperability channels without an individual license." See FCC 00-348, released 10/10/2000,	851.0125 W	156.7	806.0125	156.7	A		
	Simplex/Direct	8CALL90D		851.0125 W	156.7	851.0125	156.7	A		
	Duplex/Repeater	8TAC91		851.5125 W	156.7	806.5125	156.7	A		
	Simplex/Direct	8TAC91D		851.5125 W	156.7	851.5125	156.7	A		
	Duplex/Repeater	8TAC92		852.0125 W	156.7	807.0125	156.7	A		
	Simplex/Direct	8TAC92D		852.0125 W	156.7	852.0125	156.7	A		
	Duplex/Repeater	8TAC93		852.5125 W	156.7	807.5125	156.7	A		
	Simplex/Direct	8TAC93D		852.5125 W	156.7	852.5125	156.7	A		
	Duplex/Repeater	8TAC94		853.0125 W	156.7	808.0125	156.7	A		
	Simplex/Direct	8TAC94D		853.0125 W	156.7	853.0125	156.7	A		
	Direct	VFIRE21	WARNING: These frequencies are NOT covered by the blanket authorization for nationwide interoperability channels.	154.2800 N	156.7	154.2800	156.7	A		
	Direct	VLAW31		155.4750 N		155.4750	156.7	A		
	Direct	VMED28		155.3400 N	156.7	155.3400	156.7	A		
	Direct	Point to Point	Communications Centers	155.3700 N	DCS 271	155.3700	DCS 271	A		
	Simplex/Direct	7-IA-GTAC-1D	These frequencies are licensed by ISICSB under call sign	774.93125 N	\$293	774.93125 N	\$293	D	TGID \$0001, \$C###, Max ERP 2 watts	
	Simplex/Direct	7-IA-GTAC-2D		774.95625 N	\$293	774.95625 N	\$293	D	TGID \$0001, \$C###, Max ERP 2 watts	
	Simplex/Direct	7-IA-GTAC-3D		774.98125 N	\$293	774.98125 N	\$293	D	TGID \$0001, \$C###, Max ERP 2 watts	
	Simplex/Direct									

Simplex/Direct		WRAE443 and authorizes any public safety agency possessing a FCC part 90 license,							TGID \$0001 is for Statewide use and \$C### is for local county use. Place holder 2 and 3 designates county number and place holder 4 is 0-F
Simplex/Direct									
Simplex/Direct									
Simplex/Direct									
Simplex/Direct									
Simplex/Direct	7AG58D	These frequencies are licensed by ISICSB under call sign WRYV868 and authorizes any public safety agency possessing a FCC part 90 license See Also ISICS Standard 1.5.2	769.13125 N	\$F7E	769.13125	\$293	D	TGID \$0001	These channels are reserved for air-ground communications to be used by low-altitude aircraft and ground-based stations: See FCC rule 90.531(7). (i) Airborne use of these channels is limited to aircraft flying at or below 457 meters (1500 feet) above ground level. (ii) Aircraft are limited to 2 watts effective radiated power (ERP) when transmitting while airborne on these channels. *7AG88D is recommended for Landing Zone use.
Simplex/Direct	7AG60D		769.63125 N	\$F7E	769.63125	\$293	D	TGID \$0001	
Simplex/Direct	7AG67D		770.13125 N	\$F7E	770.13125	\$293	D	TGID \$0001	
Simplex/Direct	7AG68D		770.63125 N	\$F7E	770.63125	\$293	D	TGID \$0001	
Simplex/Direct	7AG78D		773.11875 N	\$F7E	773.11875	\$293	D	TGID \$0001	
Simplex/Direct	7AG80D		773.61875 N	\$F7E	773.61875	\$293	D	TGID \$0001	
Simplex/Direct	7AG85D		774.11875 N	\$F7E	774.11875	\$293	D	TGID \$0001	
Simplex/Direct	7AG88D (LZ)		774.61875 N	\$F7E	774.61875	\$293	D	TGID \$0001	