

Non-Federal VHF National Interoperability Channels				
VHF High Band				
Description	Channel Name	Mobile Receive Freq.	Mobile Transmit Freq.	CTCSS Tone
Calling	VCALL10	155.7525	155.7525	CSQ / 156.7 (5A) ±
Tactical	VTAC11 *	151.1375	151.1375	CSQ / 156.7 (5A) ±
Tactical	VTAC12 *	154.4525	154.4525	CSQ / 156.7 (5A) ±
Tactical	VTAC13	158.7375	158.7375	CSQ / 156.7 (5A) ±
Tactical	VTAC14	159.4725	159.4725	CSQ / 156.7 (5A) ±
Tac Rpt	VTAC33 * •	159.4725	151.1375	CSQ / 136.5 (4Z)
Tac Rpt	VTAC34 * •	158.7375	154.4525	CSQ / 136.5 (4Z)
Tac Rpt	VTAC35 •	159.4725	158.7375	CSQ / 136.5 (4Z)
Tac Rpt	VTAC36 * •	151.1375	159.4725	CSQ / 136.5 (4Z)
Tac Rpt	VTAC37 * •	154.4525	158.7375	CSQ / 136.5 (4Z)
Tac Rpt	VTAC38 •	158.7375	159.4725	CSQ / 136.5 (4Z)

\*VTAC11-12, VTAC33-34, and VTAC36-37 may not be used in Puerto Rico or the USVI.  
±Default operation should be carrier squelch receive, CTCSS transmit. If the user can enable/disable without reprogramming the radio, the indicated CTCSS tone also could be programmed for receive, and the user instructed how and when to enable/disable.

- **VTAC33-38 recommended for deployable tactical repeater use only** (FCC Station Class FB2T).
- VTAC36-38 are preferred; VTAC33-35 should be used only when necessary due to interference.

All channels on this page are NARROWBAND only. Limited to 3 watts ERP above Line A or East of Line C.

Non-Federal VHF National Interoperability Channels			
VHF Inland			
Description	Channel Name	Mobile RX (MHz)	Mobile TX (MHz)
Tactical – narrowband FM	VTAC17	161.8500	157.2500
Tactical – narrowband FM	VTAC17D	161.8500	161.8500

Default operation should be carrier squelch receive, CTCSS 156.7 Hz(5A) transmit. If the user can enable/disable CTCSS without reprogramming the radio, the indicated CTCSS tone also could be programmed for receive, and the user instructed how and when to enable/disable.

**For VTAC17/VTAC17D only:** Base stations: 50 watts max, antenna HAAT 400 feet max. Mobile stations: 20 watts max, antenna HAAT 15 feet max. These channels are for tactical use and may not be operated on board aircraft in flight. These channels use narrowband FM and are available only in certain inland areas at least 100 miles from a major waterway. These channels use the same frequencies as VHF Marine channel 25, which uses wideband FM. Use only where authorized. See map on next page. In these authorized areas, interoperability communications have priority over grandfathered public coast and public safety licensees. See FCC rule 90.20(g)(3).

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<b>Non-Federal UHF National Interoperability Repeater Channels</b>			
<b>Description</b>	<b>Channel Name</b>	<b>Mobile RX (MHz)</b>	<b>Mobile TX (MHz)</b>
Calling	UCALL40	453.2125	458.2125
Calling	UCALL40D	453.2125	453.2125
Tactical	UTAC41	453.4625	458.4625
Tactical	UTAC41D	453.4625	453.4625
Tactical	UTAC42	453.7125	458.7125
Tactical	UTAC42D	453.7125	453.7125
Tactical	UTAC43	453.8625	458.8625
Tactical	UTAC43D	453.8625	453.8625

Default operation should be carrier squelch receive, CTCSS 156.7(5A) transmit. If the user can enable/disable CTCSS without reprogramming the radio, the indicated CTCSS tone also could be programmed for receive, and the user instructed how and when to enable/disable.  
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### 700 MHz Nationwide Interoperability Channels

Mode: P25 FDMA Common Air Interface NAC: \$293 (659 <sub>10</sub> ) Talk Group ID: \$00001 (1 <sub>10</sub> ) Manufacturer's ID: \$00 (0 <sub>10</sub> )		Message ID: \$000000000000000000 (0 <sub>10</sub> ) No encryption on calling channels: • Algorithm ID: \$80 (128 <sub>10</sub> ) • Key ID: \$0000 (0 <sub>10</sub> )	
Primary Use	Channel Name	Mobile RX (MHz)	Mobile TX (MHz)
General Public Safety	7TAC51	769.14375	799.14375
General Public Safety	7TAC51D	769.14375	769.14375
Calling Channel	7CALL50	769.24375	799.24375
Calling Channel	7CALL50D	769.24375	769.24375
EMS	7MED65	769.39375	799.39375
EMS	7MED65D	769.39375	769.39375
EMS	7MED66	769.49375	799.49375
EMS	7MED66D	769.49375	769.49375
General Public Safety	7TAC52	769.64375	799.64375
General Public Safety	7TAC52D	769.64375	769.64375

<b>700 MHz Nationwide Interoperability Channels</b>			
<b>Primary Use</b>	<b>Channel Name</b>	<b>Mobile RX (MHz)</b>	<b>Mobile TX (MHz)</b>
General Public Safety	7TAC55	769.74375	799.74375
General Public Safety	7TAC55D	769.74375	769.74375
Fire	7FIRE63	769.89375	799.89375
Fire	7FIRE63D	769.89375	769.89375
Fire	7FIRE64	769.99375	799.99375
Fire	7FIRE64D	769.99375	769.99375
General Public Safety	7TAC53	770.14375	800.14375
General Public Safety	7TAC53D	770.14375	770.14375
General Public Safety	7TAC56	770.24375	800.24375
General Public Safety	7TAC56D	770.24375	770.24375
Law Enforcement	7LAW61	770.39375	800.39375
Law Enforcement	7LAW61D	770.39375	770.39375

<b>700 MHz Nationwide Interoperability Channels</b>			
<b>Primary Use</b>	<b>Channel Name</b>	<b>Mobile RX (MHz)</b>	<b>Mobile TX (MHz)</b>
Law Enforcement	7LAW62	770.49375	800.49375
Law Enforcement	7LAW62D	770.49375	770.49375
General Public Safety	7TAC54	770.64375	800.64375
General Public Safety	7TAC54D	770.64375	770.64375
Mobile Data	7DATA69	770.74375	800.74375
Mobile Data	7DATA69D	770.74375	770.74375
Mobile Repeater	7MOB59	770.89375	800.89375
Mobile Repeater	7MOB59D	770.89375	770.89375
Other Public Service	7GTAC57	770.99375	800.99375
Other Public Service	7GTAC57D	770.99375	770.99375
EMS	7MED86	773.00625	803.00625
EMS	7MED86D	773.00625	773.00625

<b>700 MHz Nationwide Interoperability Channels</b>			
<b>Primary Use</b>	<b>Channel Name</b>	<b>Mobile RX (MHz)</b>	<b>Mobile TX (MHz)</b>
General Public Safety	7TAC71	773.10625	803.10625
General Public Safety	7TAC71D	773.10625	773.10625
Calling Channel	7CALL70	773.25625	803.25625
Calling Channel	7CALL70D	773.25625	773.25625
EMS	7MED87	773.35625	803.35625
EMS	7MED87D	773.35625	773.35625
Fire	7FIRE83	773.50625	803.50625
Fire	7FIRE83D	773.50625	773.50625
General Public Safety	7TAC72	773.60625	803.60625
General Public Safety	7TAC72D	773.60625	773.60625
General Public Safety	7TAC75	773.75625	803.75625
General Public Safety	7TAC75D	773.75625	773.75625

<b>700 MHz Nationwide Interoperability Channels</b>			
<b>Primary Use</b>	<b>Channel Name</b>	<b>Mobile RX (MHz)</b>	<b>Mobile TX (MHz)</b>
Fire	7FIRE84	773.85625	803.85625
Fire	7FIRE84D	773.85625	773.85625
Law Enforcement	7LAW81	774.00625	804.00625
Law Enforcement	7LAW81D	774.00625	774.00625
General Public Safety	7TAC73	774.10625	804.10625
General Public Safety	7TAC73D	774.10625	774.10625
General Public Safety	7TAC76	774.25625	804.25625
General Public Safety	7TAC76D	774.25625	774.25625
Law Enforcement	7LAW82	774.35625	804.35625
Law Enforcement	7LAW82D	774.35625	774.35625
Mobile Repeater	7MOB79	774.50625	804.50625
Mobile Repeater	7MOB79D	774.50625	774.50625



<b>700 MHz Nationwide Interoperability Channels</b>			
<b>Primary Use</b>	<b>Channel Name</b>	<b>Mobile RX (MHz)</b>	<b>Mobile TX (MHz)</b>
General Public Safety	7TAC74	774.60625	804.60625
General Public Safety	7TAC74D	774.60625	774.60625
Mobile Data	7DATA89	774.75625	804.75625
Mobile Data	7DATA89D	774.75625	774.75625
Other Public Service	7GTAC77	774.85625	804.85625
Other Public Service	7GTAC77D	774.85625	774.85625

### Non-Federal 800 MHz National Mutual Aid Repeater Channels

Description	Ch. Name	Mobile RX (MHz)*	Mobile TX (MHz)*
Calling	8CALL90	851.0125 (866.0125)	806.0125 (821.0125)
Calling – Direct	8CALL90D	851.0125 (866.0125)	851.0125 (866.0125)
Tactical	8TAC91	851.5125 (866.5125)	806.5125 (821.5125)
Tactical – Direct	8TAC91D	851.5125 (866.5125)	851.5125 (866.5125)
Tactical	8TAC92	852.0125 (867.0125)	807.0125 (822.0125)
Tactical – Direct	8TAC92D	852.0125 (867.0125)	852.0125 (867.0125)
Tactical	8TAC93	852.5125 (867.5125)	807.5125 (822.5125)
Tactical – Direct	8TAC93D	852.5125 (867.5125)	852.5125 (867.5125)
Tactical	8TAC94	853.0125 (868.0125)	808.0125 (823.0125)
Tactical – Direct	8TAC94D	853.0125 (868.0125)	853.0125 (868.0125)

Default operation should be carrier squelch receive, CTCSS 156.7(5A) transmit. If the user can enable/disable CTCSS without reprogramming the radio, the indicated CTCSS tone could also be programmed for receive, and the user instructed how and when to enable/disable.

\*The frequency in parenthesis, which is 15 MHz higher, is the frequency used before rebanding - channel names were ICALL, ITAC1 - ITAC4. Wideband FM 20K0F3E before and after rebanding.