



700/800 MHz Interoperable Channels and Talkgroups-Law Enforcement

700/800 MHz Nationwide Non-Federal Interoperability Channels

Common Nationwide channels for use by all public safety agencies for emergency, disaster and mutual aid coordination. Use of the national non-federal interoperability channels should be coordinated as indicated in the Massachusetts Radio Interoperability Guide. These are non-trunked channels.

Name	Rx Freq	RX PL / NAC	Tx Freq	TX PL / NAC	Deviation / Mode
8CALL90	851.0125	CSQ	806.0125	156.7	4 kHz Analog
8CALL90D	851.0125	CSQ	851.0125	156.7	4 kHz Analog
8TAC91	851.5125	CSQ	806.5125	156.7	4 kHz Analog
8TAC91D	851.5125	CSQ	851.5125	156.7	4 kHz Analog
8TAC92	852.0125	CSQ	807.0125	156.7	4 kHz Analog
8TAC92D	852.0125	CSQ	852.0125	156.7	4 kHz Analog
8TAC93	852.5125	CSQ	807.5125	156.7	4 kHz Analog
8TAC93D	852.5125	CSQ	852.5125	156.7	4 kHz Analog
8TAC94	853.0125	CSQ	808.0125	156.7	4 kHz Analog
8TAC94D	853.0125	CSQ	853.0125	156.7	4 kHz Analog
7CALL50	769.24375	F7E	799.24375	293	2.5 kHz P25
7CALL50D	769.24375	F7E	769.24375	293	2.5 kHz P25
7TAC51	769.14375	F7E	799.14375	293	2.5 kHz P25
7TAC51D	769.14375	F7E	769.14375	293	2.5 kHz P25
7TAC52	769.64375	F7E	799.64375	293	2.5 kHz P25
7TAC52D	769.64375	F7E	769.64375	293	2.5 kHz P25
7TAC53	770.14375	F7E	800.14375	293	2.5 kHz P25
7TAC53D	770.14375	F7E	770.14375	293	2.5 kHz P25
7TAC54	770.64375	F7E	800.64375	293	2.5 kHz P25
7TAC54D	770.64375	F7E	770.64375	293	2.5 kHz P25
7TAC55	769.74375	F7E	799.74375	293	2.5 kHz P25
7TAC55D	769.74375	F7E	769.74375	293	2.5 kHz P25
7TAC56	770.24375	F7E	800.24375	293	2.5 kHz P25
7TAC56D	770.24375	F7E	770.24375	293	2.5 kHz P25
7GTAC57	770.99375	F7E	800.99375	293	2.5 kHz P25
7GTAC57D	770.99375	F7E	770.99375	293	2.5 kHz P25
7AG58	769.13125	F7E	799.13125	293	2.5 kHz P25
7AG58D	769.13125	F7E	769.13125	293	2.5 kHz P25
7MOB59	770.89375	F7E	800.89375	293	2.5 kHz P25
7MOB59D	770.89375	F7E	770.89375	293	2.5 kHz P25
7AG60	769.63125	F7E	799.63125	293	2.5 kHz P25
7AG60D	769.63125	F7E	769.63125	293	2.5 kHz P25
7LAW61	770.39375	F7E	800.39375	293	2.5 kHz P25
7LAW61D	770.39375	F7E	770.39375	293	2.5 kHz P25
7LAW62	770.49375	F7E	800.49375	293	2.5 kHz P25
7LAW62D	770.49375	F7E	770.49375	293	2.5 kHz P25
7FIRE63	769.89375	F7E	799.89375	293	2.5 kHz P25
7FIRE63D	769.89375	F7E	769.89375	293	2.5 kHz P25
7FIRE64	769.99375	F7E	799.99375	293	2.5 kHz P25
7FIRE64D	769.99375	F7E	769.99375	293	2.5 kHz P25
7MED65	769.39375	F7E	799.39375	293	2.5 kHz P25
7MED65D	769.39375	F7E	769.39375	293	2.5 kHz P25
7MED66	769.49375	F7E	799.49375	293	2.5 kHz P25
7MED66D	769.49375	F7E	769.49375	293	2.5 kHz P25
7AG67	770.13125	F7E	800.13125	293	2.5 kHz P25
7AG67D	770.13125	F7E	770.13125	293	2.5 kHz P25
7AG68	770.63125	F7E	800.63125	293	2.5 kHz P25
7AG68D	770.63125	F7E	770.63125	293	2.5 kHz P25
7DATA69	770.74375	F7E	800.74375	293	2.5 kHz P25
7DATA69D	770.74375	F7E	770.74375	293	2.5 kHz P25

7CALL70	773.25625	F7E	803.25625	293	2.5 kHz P25
7CALL70D	773.25625	F7E	773.25625	293	2.5 kHz P25
7TAC71	773.10625	F7E	803.10625	293	2.5 kHz P25
7TAC71D	773.10625	F7E	773.10625	293	2.5 kHz P25
7TAC72	773.60625	F7E	803.60625	293	2.5 kHz P25
7TAC72D	773.60625	F7E	773.60625	293	2.5 kHz P25
7TAC73	774.10625	F7E	804.10625	293	2.5 kHz P25
7TAC73D	774.10625	F7E	774.10625	293	2.5 kHz P25
7TAC74	774.60625	F7E	804.60625	293	2.5 kHz P25
7TAC74D	774.60625	F7E	774.60625	293	2.5 kHz P25
7TAC75	773.75625	F7E	803.75625	293	2.5 kHz P25
7TAC75D	773.75625	F7E	773.75625	293	2.5 kHz P25
7TAC76	774.25625	F7E	804.25625	293	2.5 kHz P25
7TAC76D	774.25625	F7E	774.25625	293	2.5 kHz P25
7GTAC77	774.85625	F7E	804.85625	293	2.5 kHz P25
7GTAC77D	774.85625	F7E	774.85625	293	2.5 kHz P25
7AG78	773.11875	F7E	803.11875	293	2.5 kHz P25
7AG78D	773.11875	F7E	773.11875	293	2.5 kHz P25
7MOB79	774.50625	F7E	804.50625	293	2.5 kHz P25
7MOB79D	774.50625	F7E	774.50625	293	2.5 kHz P25
7AG80	773.61875	F7E	803.61875	293	2.5 kHz P25
7AG80D	773.61875	F7E	773.61875	293	2.5 kHz P25
7LAW81	774.00625	F7E	804.00625	293	2.5 kHz P25
7LAW81D	774.00625	F7E	774.00625	293	2.5 kHz P25
7LAW82	774.35625	F7E	804.35625	293	2.5 kHz P25
7LAW82D	774.35625	F7E	774.35625	293	2.5 kHz P25
7FIRE83	773.50625	F7E	803.50625	293	2.5 kHz P25
7FIRE83D	773.50625	F7E	773.50625	293	2.5 kHz P25
7FIRE84	773.85625	F7E	803.85625	293	2.5 kHz P25
7FIRE84D	773.85625	F7E	773.85625	293	2.5 kHz P25
7AG85	774.11875	F7E	804.11875	293	2.5 kHz P25
7AG85D	774.11875	F7E	774.11875	293	2.5 kHz P25
7MED86	773.00625	F7E	803.00625	293	2.5 kHz P25
7MED86D	773.00625	F7E	773.00625	293	2.5 kHz P25
7MED87	773.35625	F7E	803.35625	293	2.5 kHz P25
7MED87D	773.35625	F7E	773.35625	293	2.5 kHz P25
7AG88	774.61875	F7E	804.61875	293	2.5 kHz P25
7AG88D	774.61875	F7E	774.61875	293	2.5 kHz P25
7DATA89	774.75625	F7E	804.75625	293	2.5 kHz P25
7DATA89D	774.75625	F7E	774.75625	293	2.5 kHz P25

Repeat/Direct on Nationwide Non-Federal Interoperability Channels

Under normal conditions, operation on these channels should be in the direct mode. As indicated in the Massachusetts Radio Interoperability Guide, the Agency may request activation of tactical repeaters on certain national interoperability channels when wider coverage is necessary.



Massachusetts Common Conventional Channels

These are non-trunked channel that generally operate without the benefit of a repeater system. These channels are generally limited to short-range communications. These are shared channels with uses as noted:

Name	Rx Freq	RX PL / NAC	Tx Freq	TX PL / NAC	Deviation / Mode
COM DIR	853.9750	141.3	853.9750	141.3	4 kHz Analog
LOC DIR	853.9875	141.3	853.9875	141.3	4 kHz Analog
COM MOB 1	769.00625	141.3	769/799.00625	141.3	2.5 kHz Analog
LOC MOB 1	769.01875	141.3	769/799.01875	141.3	2.5 kHz Analog
COM TAC 1	774.93125	141.3	774.93125	141.3	2.5 kHz Analog
LOC TAC 1	774.94375	141.3	774.94375	141.3	2.5 kHz Analog
LAW TAC 1	774.95625	141.3	774.95625	141.3	2.5 kHz Analog
LAW TAC 2	774.96875	141.3	774.96875	141.3	2.5 kHz Analog
FIRE TAC 1	769.03125	141.3	769.03125	141.3	2.5 kHz Analog
FIRE TAC 2	769.04375	141.3	769.04375	141.3	2.5 kHz Analog

COM – State Users

LAW – Law Enforcement ONLY

DIR – General Use

TAC – Tactical Use

LOC – Local Users

FIRE – Fire ONLY

MOB – Mobile Repeater Use

Shared Local Public Safety Talkgroups (LPS-1 to LPS-10)

These channels are reserved for communications among state and local agencies using the State Police 700/800 MHz trunked system. Each is assigned by region. These channels are for interagency communications with State Police and other public safety agencies. Assignments are:

T/G Hex	T/G Decimal	T/G Name	Primary Area
8DF	2271	LPS-1	Essex, Middlesex (except far NW), Norfolk, Suffolk Counties
8E1	2273	LPS-2	
8E3	2275	LPS-3	Bristol, Plymouth Counties
8E5	2277	LPS-4	
8E7	2279	LPS-5	Barnstable, Dukes (limited coverage), Nantucket (limited coverage) Counties
8E9	2281	LPS-6	
8EB	2283	LPS-7	Hampden (far E), Hampshire (far E), Middlesex (far NW), Worcester Counties
8ED	2285	LPS-8	
8EF	2287	LPS-9	Berkshire, Franklin, Hampden (except far E), Hampshire (except far E) Counties
8F1	2289	LPS-10	



Shared Event Talkgroups (EVENT-1 to EVENT-16)

The Event talkgroups are for intermittent single agency use for eligible users and permitted uses as stated in Part 90 of the FCC's rules and regulations. They are primarily intended for cache radios and interoperability users. These channels are normally turned off and use of them must be requested as indicated in the Massachusetts Radio Interoperability Guide. They may be enabled for the appropriate area of operation.

<u>T/G Hex</u>	<u>T/G Decimal</u>	<u>T/G Name</u>
801	2049	EVENT-1
803	2051	EVENT-2
805	2053	EVENT-3
807	2055	EVENT-4
809	2057	EVENT-5
80B	2059	EVENT-6
80D	2061	EVENT-7
80F	2063	EVENT-8
800	2048	EVENT-9
802	2050	EVENT-10
804	2052	EVENT-11
806	2054	EVENT-12
808	2056	EVENT-13
80A	2058	EVENT-14
80C	2060	EVENT-15
80E	2062	EVENT-16



Law Operations Talkgroups (LAW OPS-1 to LAW OPS-16e)

The Law Operations talkgroups are for use by law enforcement agencies only for purposes of interagency coordination of law enforcement activities. Law Ops 9 through 16 support P25 encrypted communications only.

<u>T/G Hex</u>	<u>T/G Decimal</u>	<u>T/G Name</u>
8CE	2254	LAW OPS 1
8CF	2255	LAW OPS 2
8D0	2256	LAW OPS 3
8D1	2257	LAW OPS 4
8D2	2258	LAW OPS 5
8D3	2259	LAW OPS 6
8D4	2260	LAW OPS 7
8D5	2261	LAW OPS 8
8D6	2262	LAW OPS 9e
8D7	2263	LAW OPS 10e
8D8	2264	LAW OPS 11e
8D9	2265	LAW OPS 12e
8DA	2266	LAW OPS 13e
8DB	2267	LAW OPS 14e
8DC	2268	LAW OPS 15e
8DD	2269	LAW OPS 16e



Mutual Aid Talkgroups

The following Mutual Aid talkgroups are available to the agency for interoperable use. Use of each talkgroup is dictated by their respective owners, as indicated:

<u>T/G Hex</u>	<u>T/G Decimal</u>	<u>T/G Name</u>	<u>Owner</u>
9E1	2529	BAP AREAWIDE 3	Greater Boston Police Council
9E3	2531	BAP AREAWIDE 4	Greater Boston Police Council
9E5	2533	BAP NORTH	Greater Boston Police Council
9E7	2535	BAP SOUTH	Greater Boston Police Council
9E9	2537	BAP WEST	Greater Boston Police Council
9EB	2539	BAP CENTRAL	Greater Boston Police Council
9ED	2541	BAP NORTHWEST	Greater Boston Police Council
9EF	2543	BAP SOUTHEAST	Greater Boston Police Council
9F1	2545	BAP SOUTHWEST	Greater Boston Police Council
9D1	2513	WMLEC SIM 1 PD	Western Mass. Law Enforcement Council
979	2425	BARN COUNTY PD	Barnstable County Sheriff's Office
96B	2411	BARN PD ADM 1	Barnstable County Sheriff's Office
96D	2413	BARN PD ADM 2	Barnstable County Sheriff's Office
96F	2415	BARN PD ADM 3	Barnstable County Sheriff's Office
949	2377	FD1 M/A DISP	Barnstable County Sheriff's Office
94B	2379	FD1 BARN OPS 1	Barnstable County Sheriff's Office
945	2373	FD1 BARN OPS 2	Barnstable County Sheriff's Office
947	2375	FD1 BARN OPS 3	Barnstable County Sheriff's Office
9CB	2507	FD7 ORANGE	Massachusetts Fire District 7
9CD	2509	FD8 SIMULCAST	Mid State Fire Mutual Aid Association
9D3	2515	WMLEC SIM 2 FD	Western Mass. Law Enforcement Council
41F	1055	FD13 METRO CTL	MetroFire
421	1057	FD13 METRO RED	MetroFire
B23	2851	UASI CALL-IN	Metro Boston Homeland Security Region
B35	2869	UASI TAC-1	Metro Boston Homeland Security Region
B37	2871	UASI TAC-2	Metro Boston Homeland Security Region
B39	2873	UASI TAC-3	Metro Boston Homeland Security Region
B3B	2875	UASI TAC-4	Metro Boston Homeland Security Region