



ECFCA Radio Communications

March 12, 2025

Agenda

Interoperability SOG

Minimum Standards for Radio Purchases & Programming

ECFCA Channel Plan (DRAFT)

Radio Identifier Numbering System (MDC) SOG

Requesting Mutual Aid via Fire District Radio SOG

New Run Card Discussion

SOG 802.01 - Interoperability

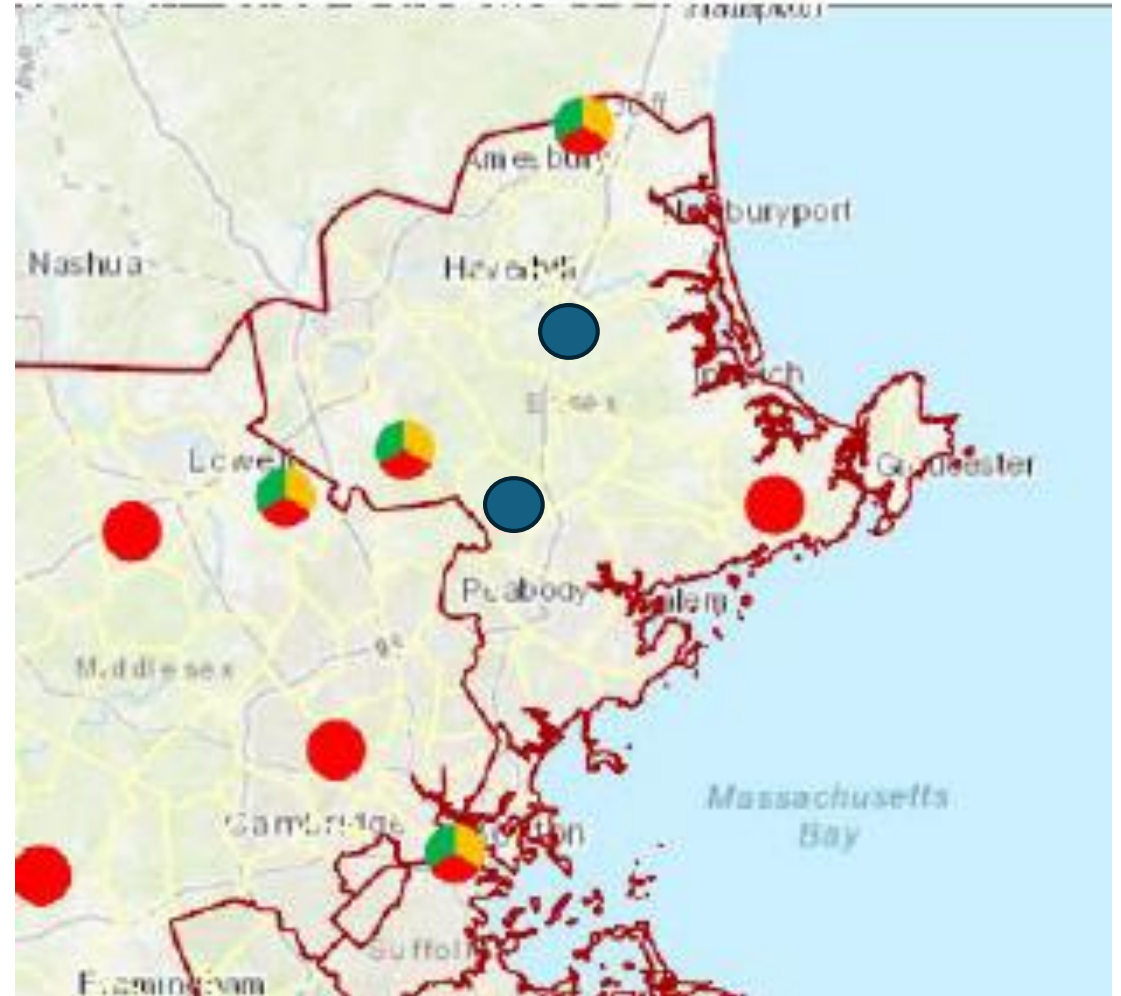
- Ability to talk to each other on scene or while covering
 - Brush fires highlighted the importance of this
- Know your frequency band ... and your neighbors too!
 - Do you/they have All Band Radios?
 - How will you talk to them?
- Consider using Fireground channel – multi towns / multi companies
 - IC and/or CP will need two portable radios
- Notify Control Point when Fireground is used or needed
 - Are you using an ECFA or your own?

SOG 802.01 – Interoperability (continued)

- Consider Cross Band Repeaters
 - (Georgetown Car 1, Rehab 5, Field Comm 20 or 60)
- Other Resources
 - DFS ISU, NEMLEC CP, Seacoast CP
 - TAC Stack Sites

Tac Stack Sites

- Amesbury (V/U/8)
- Andover (V/U/8)
- Essex (800 only)
- Georgetown (800 only)
- NSR911 (V/U/8)



Communications Resource Availability Worksheet

[illegible]

SOG 804.00 - Minimum Standards for Radio Purchases & Programming

- Purchasing
 - Identifies minimum radio requirements
 - P25, MDC Signaling, Dual-Band, Encryption, etc.
 - Radio Inhibit
 - Time Out Timer

SOG 804.00 - Minimum Standards for Radio Purchases & Programming (continued)

- Programming
 - Programming radio feature best practices
 - Local Needs
 - ECFCA Interop Freqs and Suggested Channel Plan
 - Mass. Tactical Channel Plan (MTCP)

Zone 4	Zone 5	Zone 6	Zone 7	Zone 8	Zone 9	Zone 10
FD DIST 2-3-5-15	UHF NON FED INTEROP	FD DIST 6-8-14	METRO FIRE D13	BERKSHIRE UHF	WMLEC UHF	MBHSR-MPA
FD235-15	UTAC	FD6-8-14	METRO 13	BERK UHF	WMLEC U	MBHSRMPA
FD5 UHF	UCALL40	FD6 FG1 (U)	CENTRAL DIRECT	BERK TAC 10D	WM BORDEN 1	MASSPORT UHF
FD15 UHF	UCALL40D	FD6 FG2	CENTRAL DISTRICT	BERK TAC 11D	WM BORDEN 2	MPA-FD1 UHF
EC-FIREGRND-1U	UTAC41	FD6 FG3	CENTRAL FIREGROUND	BERK TAC 12	WM GRACE 1	MPA-FD5 UHF
EC-FIREGRND-2U	UTAC41D	Fire District 6 Admin	FD13 METRO RED	BERK TAC 13	WM GRACE 2	MBHSR
EC-FIREGRND-3U	UTAC42	FD6 OPS	NORTH DIRECT	BERK TAC 14	WM SHELBURNE 1	Regional Repeated
PLYCTY M/A1	UTAC42D	FD8 SIMULCAST	NORTH DISTRICT	BERK TAC 15	WM SHELBURNE 2	Regional TAC 1
PLYCTY M/A2	UTAC43	FD8 RED	NORTH FIREGROUND	BERK TAC 1D	WM Hovey 1	Regional TAC 2
PLYCTY M/A3	UTAC43D	FD8 WHITE	ORANGE	BERK TAC 2D	WM Hovey 2	BAMA
BRI FG4R CENTR		FD8 BLUE	RED	BERK TAC 3D	WM Mt Tom 1	SOPS MED 92 DIR
BRICTY CNTRL		14 BLUE	RED DIRECT	BERK TAC 4D	WM Mt Tom 2	MEMA TIE UHF
NCC CH 1		14 GOLD	SILVER	BERK TAC 5D	WM SIM-1 AN	
NCC FG 2		14 GREEN	SOUTH DIRECT	BERK TAC 6D	WM SIM-2 AN	
NCC FG 3		14 ORANGE	SOUTH DISTRICT	BERK TAC 7D		
NCC FG 4		14 RED	SOUTH FIREGROUND	BERK TAC 8D		
NCC FG 5		14 WHITE	Metro Dispatch	BERK TAC 9D		
			Massport	BERK UHF SIM		

Select Channel ▼	Usage ▼	Mobile ▼	Rx To ▼	Mobile ▼	Tx To ▼	A / ▼	Narrow, Wide or NPSPAC ▼	NOTES
MA UHF								
ACTION EMS	EMS	461.				A	Narrow	
AMESBURY POLICE	Law	482.8				A	Wide	
ANDOVER FIRE	Fire	483.				A	Narrow	
ANDOVER POLICE	Law	482.				A	Narrow	
ANDOVER POLICE 5	Law	484.				A	Narrow	
BAPERN AREA WIDE 3	Law	470.				A	Narrow	
BAPERN AREA WIDE 4	Law	470.				A	Narrow	
BAPERN NORTH DISTRICT	Law	470.				A	Narrow	
BAPERN NORTH TACTICAL	Law	482.				D	Narrow	C4FM
BAPERN NW DISTRICT	Law	482.				A	Narrow	

Short Channel Name (8 char)		Full Channel Name (15 char)	
ACTION	6	ACTION EMS	10
AMES PD	7	AMESBURY POLICE	15
ANDVR FD	8	ANDOVER FIRE	12
ANDVR PD	8	ANDOVER POLICE	14
AND PD 5	8	ANDOVER POLICE5	15
BPN AW 3	8	BAPERN AW 3	11
BPN AW 4	8	BAPERN AW 4	11
NTH DIST	8	BAPERN NTH DIST	15
NTH TACT	8	BAPERN NTH TACT	15
NW DIST	7	BAPERN NW DIST	14

SOG 805.00 - Radio Identifier Numbering System

- Creates unique numbering system across ECFCA
- Prevents ID duplication (e.g., 00C1)
- Dispatch Centers can program IDs to aliases
 - Assigned to Person
 - Vehicle
 - Position (Engine 1 Officer)

SOG 805.00 - Radio Identifier Numbering System (continued)

Department	ID Range	# of Identifiers
Amesbury Fire Department	0100-01EE	225
Andover Fire Department	0200-02EE	220
Beverly Fire Department	0300-03EE	225
Boxford Fire Department	0400-04EE	225
Danvers Fire Department	0500-05EE	220
Essex Fire Department	0600-06EE	225
Georgetown Fire Department	0700-07EE	225
Gloucester Fire Department	0800-08EE	225
Groveland Fire Department	0900-09EE	225
Hamilton Fire Department	1000-10EE	225
Haverhill Fire Department	1100-11EE	225
Ipswich Fire Department	1200-12EE	225
Lawrence Fire Department	1300-13EE	225
Lynn Fire Department*	C000-C1EE	450
Lynnfield Fire Department	1500-15EE	225
Manchester Fire Department	1600-16EE	225
Marblehead Fire Department	1700-17EE	225
Merrimac Fire Department	1800-18EE	225
Methuen Fire Department	1900-19EE	225

SOG 805.00 - Radio Identifier Numbering System (continued)

Ipswich Fire MDC Assignment

MDC ID (HEX)	ASSIGNED TO
1200	
1201	
1202	
1203	
1204	
1205	
1206	
1207	
1208	
1209	
1210	
1211	
1212	
1213	
1214	
1215	
1216	
1217	
1218	
1219	
1220	

Hamilton Fire

Identifier	Issued to (Full Name)	Rank	#	Radio #
1000				
1001	Raymond Brunet	Chief	C1	P1
1002	Dan Sullivan	Deputy Chief	C2	P19
1003	Andrew Ellison	Captain	C3	P3
1004	Robert Wallace	Lieutenant	C4	P2
1005	David Dolan	Lieutenant	C5	P4
1006	Dave Raymond	Lieutenant	C6	P5
1007	Ryan Goodwin	Lieutenant	C7	P6
1008	Jared Dolan	Lieutenant	C8	P10
1009	Caleb Leonard	Firefighter	F2	P8

SOG 806.00 - Requesting M/A via District Radio

- Helps to efficiently request mutual aid during a 1st or 2nd Alarm Inc.
- Provides dispatchers a sample broadcast formula

“Attention District [Insert #] Communities, [COMMUNITY NAME] is calling for mutual aid for a [Insert #] Alarm at [ADDRESS OF INCIDENT]. The following is being requested... [announce each community name and apparatus needed]. [REPEAT MESSAGE]. Communities & District #____ stand by for acknowledgment.”

MERRIMAC				NORMAL AVAILABILITY	1 OR 1	EMG. DISPATCH #	978-346-8321		BUSINESS LINE #	978-346-8211	
DIST.15 ALARM	INCIDENT RESPONSE					STATION ASSIGNMENT				NOTES	
	ENGINE	ENGINE	ENGINE	LADDER	ADDITIONAL RESOURCES	ENGINE	ENGINE	ENGINE	LADDER	DISPATCH FREQUENCY	
						HQ	HQ	HQ	HQ	FREQ.	PL
1	MERRIMAC	SALISBURY	NEWBURYPORT (R)	AMESBURY		NEWTON NH	WEST NEWBURY	PLAISTOW NH		TRANSMIT 159.7950 N	127.3
2	NEWTON NH	WEST NEWBURY	PLAISTOW NH		DFS REHAB (MEMA)	EAST KINGSTON NH	GROVELAND	GEORGETOWN	HAVERHILL	RECEIVE 151.6625 N	127.3
3	EAST KINGSTON NH	GROVELAND	GEORGETOWN	HAVERHILL	E KINGSTON AIR TRAILER	NEWBURY	HAMPTON NH		SEABROOK NH	ADDITIONAL LADDERS	
4	NEWBURY	HAMPTON NH		SEABROOK NH		ROWLEY	TOPSFIELD	NORTH ANDOVER		NEWBURYPORT SALISBURY HAMPTON NH	PLAISTOW NH N ANDOVER LAWRENCE
5	ROWLEY	TOPSFIELD	NORTH ANDOVER			KINGSTON NH	ATKINSON NH		EXETER NH	SPECIAL CALL	
6	KINGSTON NH	ATKINSON NH		EXETER NH		HAMPTON FALLS NH	BOXFORD	SO HAMPTON NH		DRONES	MERRIMAC PD SALISBURY FD MASS DFS
7	HAMPTON FALLS NH	BOXFORD	SO HAMPTON NH			BRENTWOOD NH	MIDDLETON		IPSWICH	TANKERS	
8	BRENTWOOD NH	MIDDLETON		IPSWICH		KENSINGTON NH	HAMPSTEAD NH	SALEM NH		1ST TEAM	2ND TEAM
9	KENSINGTON NH	HAMPSTEAD NH	SALEM NH			METHUEN	LAWRENCE		ANDOVER	E KINGSTN NH GROVELAND NEWBURY NEWTON NH WEST NEWBURY	ATKINSON NH BRENTWOD NHDANVILLE NH HAMPTON FALLS NH S HAMPTON NH
10	METHUEN	LAWRENCE		ANDOVER		RYE NH	DANVERS	DANVILLE NH			
NOTE: ALARM ASSIGNMENTS MAY VARY DEPENDING ON INCIDENT LOCATION										PHASE TWO BEGINS	
BRUSH TRUCKS: DCR, WEST NEWBURY, NEWBURY, BOXFORD, MIDDLETON, GROVELAND, GEORGETOWN, ROWLEY										R = DEDICATED RIT TEAM	
										DRAFT	10/7/2024

GROVELAND					NORMAL AVAILABILITY	1 OR 1	EMG. DISPATCH # 978-521-1212			BUSINESS LINE #	978-372-8171	
DIST.15	INCIDENT RESPONSE					STATION ASSIGNMENT						
ALARM	ENGINE	ENGINE	ENGINE	LADDER	SPECIAL UNITS	ENGINE	ENGINE	ENGINE	LADDER			
						HQ	HQ	HQ	HQ	FORESTRY GROUPS		
1	GROVELAND	GEORGETOWN	WEST NEWBURY	GROVELAND	TRINITY ALS STATE REHAB	NBPRT	NEWBURY			GROUP 1:	W NEWBURY, GEORGETOWN, BOXFORD	
2	NBRPT	NEWBURY	HAVERHILL	HAVERHILL		MERRIMAC	ROWLEY					
3	MERRIMAC	ROWLEY			WENHAM AIR TRAILER	NORTH ANDOVER	AMESBURY	LAWRENCE		GROUP 2:	NEWBURY, NBRPT, AMESBURY	
4	NORTH ANDOVER	AMESBURY		LAWRENCE	FIELD COMM 20	SALISBURY	TOPSFIELD	IPSWICH		GROUP 3:	ROWLEY, IPSWICH, SALISBURY	
5	SALISBURY	TOPSFIELD	IPSWICH			PLAISTOWN NH	BOXFORD	SALEM NH				
6	PLAISTOW NH	BOXFORD		SALEM NH		MIDDLETON	NEWTON NH#	ANDOVER		TENDER GROUPS		
7	MIDDLETON	NEWTON NH#	ANDOVER			DANVERS	HAMILTON	SEABROOK NH		GROUP 1:	W NEWBURY & NEWBURY	
8	DANVERS	HAMILTON		SEABROOK NH		WENHAM	ATKINSON NH	LAWRENCE		GROUP 2:	BOXFORD & HAVERHILL	
9	WENHAM	ATKINSON NH	LAWRENCE			KINGSTON NH#	ESSEX	PEABODY		GROUP 3:	PLAISTOWN NH & ATKINSON NH	
10	KINGSTON NH#	ESSEX				HAMPSTEAD NH	SOUTH HAMPTON NH#	METHUEN				
NOTE: ALARM ASSIGNMENTS MAY VARY DEPENDING ON INCIDENT LOCATION										R = DEDICATED RIT TEAM		
ADDITIONAL LADDERS: GEORGETOWN, AMESBURY, NEWBURY, METHUEN						SPECIAL CALLS:				PHASE TWO BEGINS		
MASS CASUALTY TRAILER: AMESBURY										# = Obtain via Rock Disp.		
DRONE S: MASS DFS, MERRIMAC PD, SALISBURY FD										* = Obtain VIA District 6		
FOAM: NORTH ANDOVER, DANVERS, PEASE AIR GUARD										** = Obtain VIA Metrofire		
										UPDATED 2/7/2025		

Run Card Modifications

- Removed Frequency Info (use the ECFCA Channel Resource Guide)
- Added “Special Units” column
- Added “Forestry Group” section
- Added “Tender Group” section
 - For these we intend on using the inventory to “suggest” what you may want – send them out – you approve and send back)
- Added “Other Resources” section (Green)
- Added “Special Call” section (purple)

Next Steps/Food for thought.....

- Review SOGs & share with Dispatchers/FAO
- Have you added the new ECFCA Fireground Channels?
- Do your radios comply with ECFCA MDC IDs?



Questions?