

Transitioning to the new radio system

EMS Officers & members

May 2023

On the effective date

Sometime in early 2023

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- All communications currently taking place on talkgroup “EMS Response x” in the UHF-E A1 zone, will be transitioned to the new county radio system. Several changes to naming and use will commence at this time. At the designated time, users should push the “Home” button on their mobile and portable radios to take them to channel 1 in the “EMS Primary” zone. Then utilize the channel selector to move to your “MC EMS x” talkgroup. This will be your everyday channel going forward. Referred to as “Morris EMS x”.
 - i.e. EMS Response 3 today will become MC EMS 3 on the new system.

Home button

Takes you to EMS Primary zone, channel 1



Set your Primary, everyday channel

Press and **hold** to **set** for your primary zone/channel if different from HOME.

Press once to go to this channel from any other zone/channel



Changes to procedure

- Mutual Aid events requiring long distance communications for command: (formerly OPS1-9)
 - If you are the “host agency”, remain on your “MC EMS” channel and outside responding units will be directed to that talkgroup. This channel is NOT for on-scene operations, but for response, command and control with mutual aid units and county dispatch.
 - If you are a responding agency responding to another jurisdiction, you will be directed by county dispatch to the appropriate “MC EMS” or TAC talkgroup. This channel is NOT for on-scene operations, but for response, command and control with the host IC, other mutual aid units and county dispatch.
 - If your primary assigned “MC EMS” talkgroup is already in use by another entity with a major event, you will be directed by dispatch to an alternate “MC EMS” or TAC talkgroup for another/concurrent incident.

Changes page 2

- Incidents at Morristown Airport, or in the Route 287/24 corridor: (formerly OPS2) utilize the “HWY/AIRPT” talkgroup in the “TAC” zone, channel 8 (one up from EMS Primary). Set a MS button to quick, easy access.
- Interoperability with FD units or planned events requiring long distance communications: (formerly OPS1-9) contact dispatch for assignment of a “PS TAC” channel in the “TAC” zone, channels 1-7 (one up from EMS Primary).

Changes page 3

- Interoperability with Police units: (formerly OPS10-25) contact county dispatch for assignment of a “PS TAC” in the “TAC” zone, channels 1-7 (one up from EMS Primary).
- EMS units NOT dispatched by Morris County who are responding to an incident outside of their town, or who need mutual aid to their town: (formerly EMS MA) contact dispatch on “MIRS” (Channel 16 in the “TAC” zone) for assignment of a “MC EMS” channel for the incident in the “EMS Primary” zone, or a “TAC” channel in the “TAC” zone.
- Unknown assignments or to contact other dispatch centers (within Morris County) should be done via the “MIRS” talkgroup.

Channel layout

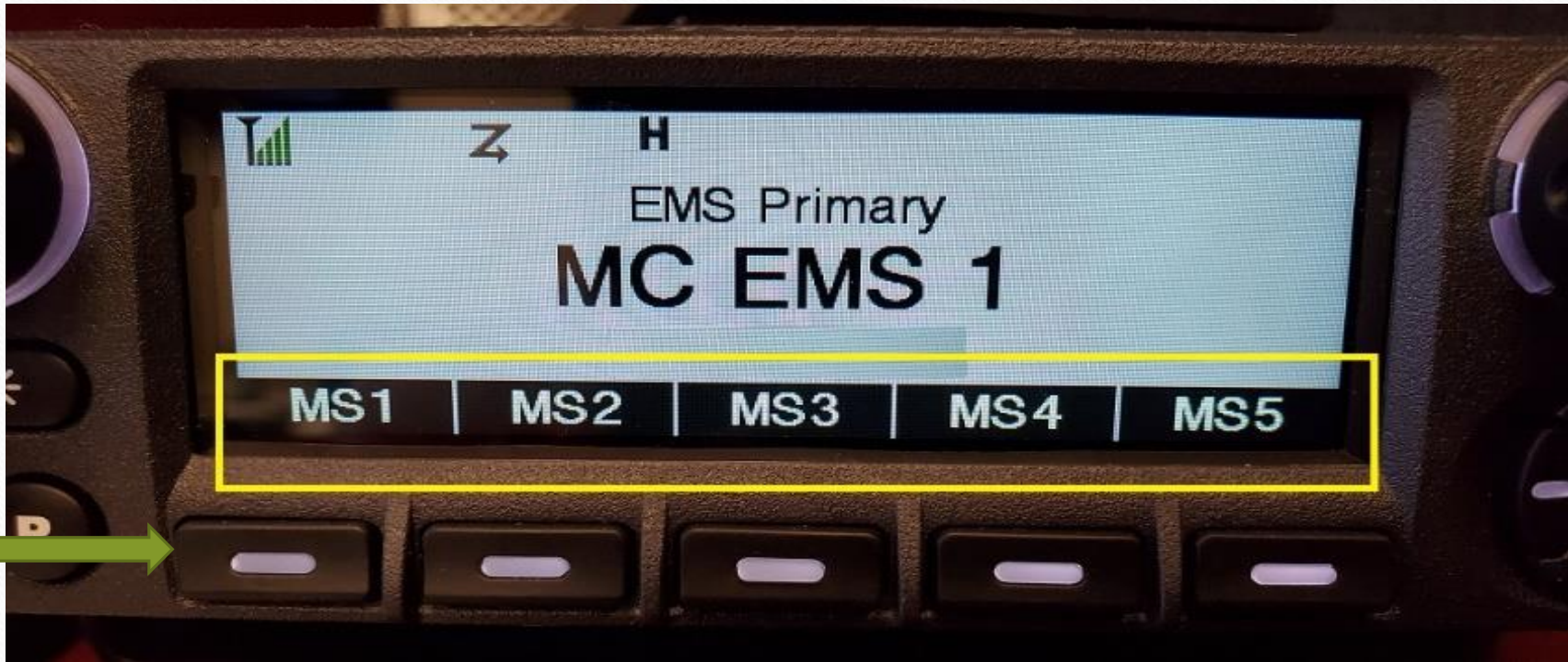
ZONE/BANK										
ch.	DYNAMIC	EMS Primary	TAC	State	NJ-PSIC-SW	NJ-PSIC-REG	Federal1	Federal2	Federal3	8TAC
1		MC EMS1	PS TAC1	7MED11D	STATECALL1	UASI1	7GTAC57	7MED65	7MED65D	8CALL90-RP
2		MC EMS2	PS TAC2	7MED12D	STATECOM2	UASI2	7AG58	7MED66	7MED66D	8CALL90-TA
3		MC EMS3	PS TAC3	7TAC11D	STATECOM3	UASI3	7AG60	7MED86	7MED86D	8TAC91-RP
4		MC EMS4	PS TAC4	7TAC12D	STATECOM4	UASI4	7AG67	7MED87	7MED87D	8TAC91-TA
5		MC EMS5	PS TAC5	7TAC15D	STATECOM5	UASI5	7TAC75	7CALL50	7CALL50D	8TAC92-RP
6		MC EMS6	PS TAC6		STATECOM6	UASI6	7TAC76	7CALL70	7CALL70D	8TAC92-TA
7		MC EMS7	PS TAC7		STATECOM7	USAR7	7GTAC77	7TAC51	7TAC51D	8TAC93-RP
8		MC EMS8	HWY/AIRPT		STATECOM8	USAR8		7TAC52	7TAC52D	8TAC93-TA
9		MC EMS9	FE TAC1		STATECOM9	HW INT I-80		7TAC53	7TAC53D	8TAC94-RP
10		MC EMS10	FE TAC2	7TAC21	STATECOM10	HW INT I-280	7GTAC57D	7TAC54	7TAC54D	8TAC94-TA
11		FE TAC1	FE TAC3	7TAC22	STATECOM11	HW INT I-78	7AG58D	7TAC55	7TAC55D	8TAC95-RP
12		FE TAC2	FE TAC4	7TAC23	STATECOM12	HW INT I-287	7AG60D	7TAC56	7TAC56D	8TAC95-TA
13		FE TAC3	FE TAC5	7MED21	STATECOM13	HW INT CMD N	7AG67D	7TAC71	7TAC71D	8TAC96-RP
14		FE TAC4	FE TAC6	7MED22	STATECOM14	HW INT OPS 1N	7TAC75D	7TAC72	7TAC72D	8TAC96-TA
15		FE TAC5	UTAC43LZ	EMS EMER	STATECOM15	HW INT OPS 2N	7TAC76D	7TAC73	7TAC73D	
16		EMS DIRECT	MIRS700	ALL RADIOS	REGROUP	HW INT OPS 3N	7GTAC77D	7TAC74	7TAC74D	

Changing zones

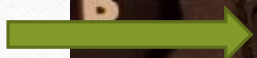


Use Zone UP	Use Zone menu	Use Zone Down
Increase 1 at a time	Select menu to scroll through all zones	Decrease 1 at a time

For ease of operation, the MS1-MS5 buttons (use U/D/L/R button to move once screen to the right) on the mobile menu (MS1-MS3 on portables) can be preset by the user for frequently used channels in any zone.



Push &
hold to set



Mobile radio buttons



Dynamic Zone

- You can also program any channel from any zone into the Dynamic Zone so that you can always remain in that zone with your most frequently used/needed channels.
- You can have as many channels as you want in this zone in mobile units, but only 16 on portables
- Move to the Dynamic zone and use the ZNPR button to add/delete channels
- A demonstration video is available on the website.

Additional information & training

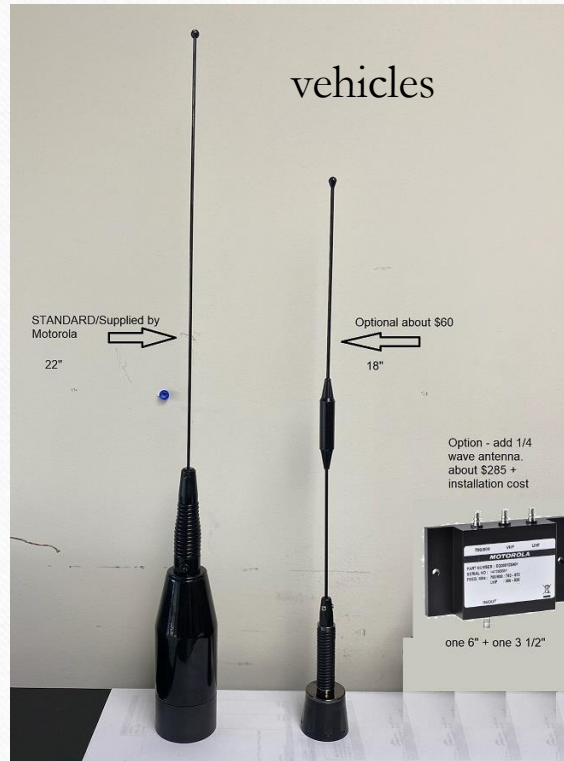
- For additional operation and instruction for the radio system, radio operation, scan lists, dynamic zone programming, see videos and documents at <https://www.morriscountynj.gov/Departments/Communication-Center/Training-Guides>

Antennas

- Good



portables



vehicles

- Bad - Not approved by Motorola (may void warranty and/or damage radio)



portables

vehicles



FYI (for further discussion)

- **Mutual Aid out of County** – contact Comm Center for assignment of a UTAC or UASI channel
- **Comm Center patching channels** – can be done for disparate systems, but in most cases, users should have necessary channels in their radios
- **Dynamic Regrouping** – radios can be forced to another talkgroup if they are unable to find it