

LAND MOBILE RADIO SUPPORT TEAM

DESCRIPTION	The Land Mobile Radio Support Team deploys to support disaster emergency communications by providing and maintaining operable and interoperable radio communications in an incident area
RESOURCE CATEGORY	Communications
RESOURCE KIND	Team
OVERALL FUNCTION	The Land Mobile Radio Support Team: 1. Supports incident communication needs from a technical and operational standpoint 2. Comprises multidisciplinary components appropriate for the incident, based on resource requests
COMPOSITION AND ORDERING SPECIFICATIONS	1. Discuss logistics for deploying this team, such as working conditions, length of deployment, security, lodging, transportation, and meals, prior to deployment 2. Request backup personnel to allow team members to rest if the team is operational 24 hours a day, seven days a week 3. Provider is responsible for providing transportation appropriate for the terrain 4. Requestor and provider discuss communications and information technology (IT) requirements, including number of radios and other items, based on field conditions and intelligence received 5. Requestor and provider discuss special logistics requirements for locating mobile facilities, including geographic, weight, and access restrictions; temporary power requirements; and temporary tower locations 6. Requestor orders additional Incident Communications Center Managers (INCM) or radio operators if there is a need to support additional staffing at the Incident Communications Center (ICC). 7. Requestor and provider coordinate contributions to the Incident Radio Communication Plan and the Incident Action Plan (IAP) as appropriate 8. Requestor considers existing jurisdictional system specifications, system status, frequency plan, interoperability plan, and infrastructure locations in planning the resource response

Each type of resource builds on the qualifications of the type below it. For example, Type 1 qualifications include the qualifications in Type 2, plus an increase in capability. Type 1 is the highest qualification level.

COMPONENT	TYPE 1	TYPE 2	TYPE 3	TYPE 4	NOTES
MINIMUM PERSONNEL PER TEAM	13	8	4	1	Not Specified
MANAGEMENT AND OVERSIGHT PERSONNEL PER TEAM	1 - National Incident Management System (NIMS) Type 1 Communications Unit Leader (COML)	1 - NIMS Type 2 COML	1 - NIMS Type 3 COML	Not Specified	Existing chain of command provides management and oversight for Type 4 team, at requestor's discretion.
SUPPORT PERSONNEL PER TEAM	Same as Type 2, PLUS: 1 - NIMS Type 2 COML 4 - NIMS Type 2 Communications Technician (COMT)	Same as Type 3, PLUS: 1 - NIMS Type 3 COML 3 - NIMS Type 2 COMT	Same as Type 4, PLUS: 2 - NIMS Type 3 COMT	1 - NIMS Type 3 COMT	Requestor orders radio technicians and COMT as single resources if more personnel are necessary. Requestor consults with the Type 1 COML to determine specific needs.

Resource Typing Definition for Operational Communications
Communications

COMPONENT	TYPE 1	TYPE 2	TYPE 3	TYPE 4	NOTES
LAND MOBILE RADIO AND FIELD OPERATIONS CAPABILITY PER TEAM	Same as Type 2, PLUS: 1. Multisite systems 2. Wide-area coverage	Same as Type 3, PLUS: 1. Single-site systems 2. Repeaters 3. Site replacements 4. Mobile antenna structures	Same as Type 4, PLUS: Mobile interoperable gateways and command posts	Radio cache	Requestor specifies capabilities and equipment necessary for each typed team based on incident needs.
FUNCTIONAL MISSION PER TEAM	Providing additional coverage, capacity, and functionality; or adding, repairing, or replacing multiple sites to cover a perimeter or wide area	Providing a single-site communication system; or adding, repairing, or restoring a system base site, including mobile antenna structure	Providing mobile communications centers or communication trailers that can converge, connect, and create interoperability between multiple systems	Adding personal communication devices for use by mission personnel	Not Specified
ELECTRONICS EQUIPMENT PER TEAM	Same as Type 2, PLUS: Equipment to establish a fully functional wireless two-way voice/data network; examples include trunked systems, multisite repeater systems with analog and digital capability, and other wide-area radio networks	Same as Type 3, PLUS: Equipment to establish single-site repeater access points, construction of mobile antenna farms, and replacement of existing wireless two-way communications equipment	Same as Type 4, PLUS: Equipment to support existing communications systems; this includes vehicle-mounted gateways and patches	Equipment and supplies to support the incident and resource requestor; this may include a small (up to 25), medium (25 to 100), or large (100 to 250) cache of radios (portable and rapid-deploy mobile radios and related programming and configuring software/hardware, in specified frequency bands)	1. All electronic equipment must meet all applicable regulations. 2. Team programs electronic equipment and radios with national interoperability channels for the requested frequency band. 3. Providers check radio programming software and cables for proper version updates and connectivity prior to deployment. 4. Requestor orders additional COMT as necessary to manage larger caches of radios.
PERSONAL PROTECTIVE EQUIPMENT (PPE) EQUIPMENT PER TEAM MEMBER	Same as Type 2	Same as Type 3	Same as Type 4	PPE is mission specific and may include: 1. Hard hat 2. Reflective vest 3. Gloves 4. Protective clothing 5. Protective footwear	1. The following regulation addresses PPE: Occupational Safety and Health Administration (OSHA) 29 CFR Part 1910.132: Personal Protective Equipment. 2. Requestor communicates special PPE requirements, such as equipment for hot or cold weather or special situations, to all team members during notification. Requestor coordinates with providers traveling across state lines about safety regulations that differ by state.



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COMPONENT	TYPE 1	TYPE 2	TYPE 3	TYPE 4	NOTES
COMMUNICATIONS EQUIPMENT PER TEAM MEMBER	Same as Type 2	Same as Type 3	Same as Type 4	1 - Radio 1 - Cell phone	All team members provide common communications internally without affecting the resource request.



NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

REFERENCES

1. FEMA, NIMS 508: Communications Unit Leader
2. FEMA, NIMS 508: Communications Technician
3. FEMA, National Incident Management System (NIMS), October 2017
4. Federal Communications Commission (FCC) 47 Code of Federal Regulations (CFR) Part 90: Private Land Mobile Radio Services, latest edition adopted
5. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.132: Personal Protective Equipment, latest edition adopted
6. U.S. Department of Homeland Security, National Interoperability Field Operations Guide v1.6.1, May 2015