

GEOGRAPHIC INFORMATION SYSTEMS MAP SUPPORT TEAM

DESCRIPTION	The Geographic Information Systems (GIS) Map Support Team is responsible for the production of GIS-based computer maps used for decision making, navigation, incident assessment, and threat and hazard identification.		
RESOURCE CATEGORY	Geographic Info Systems and Info Technology	RESOURCE KIND	Team
OVERALL FUNCTION	The GIS Map Support Team: 1. Supports the development of map settings and map applications for the field 2. Supports GIS hardware and software used in the field, at the command post, and in Emergency Operations Centers (EOC) 3. Edits connected and disconnected data 4. Ensures decision makers have access to and can use location-based information for enhanced situational awareness and decision making	COMPOSITION AND ORDERING SPECIFICATIONS	1. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals prior to deployment 2. This team typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days 3. The National Incident Management System (NIMS) Type 2 and Type 1 GIS Map Support Teams deploy complete with printing resources, including a seven-day paper supply and assorted replacement parts for plotters and printers, when existing printing infrastructure is not available 4. The NIMS Type 3 GIS Map Support Team is for maximum mobilization in support of an existing infrastructure with printing capabilities

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	NO TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Personnel	Per Team	Management and Oversight	Same as Type 2	Same as Type 3	1 - NIMS Type 1 GIS Supervisor	Not Applicable
			NOTES: Not Specified			
Personnel	Per Team	Operations and Support	Same as Type 2, PLUS: 1 - GIS Developer 1 - Information Technology (IT) Technician 1 - GIS Database Administrator	Same as Type 3	2 - NIMS Type 1 GIS Analyst 2 - NIMS Type 2 GIS Analyst 1 - GIS Developer	Not Applicable
			NOTES: The GIS Developer, IT Technician, and GIS Database Administrator are not NIMS-typed support positions.			
Equipment	Per Team Member	Communications	Same as Type 2	Same as Type 3	1. Cellular phone 2. Portable radio	Not Applicable
			NOTES: Consider alternate forms of communication, such as satellite phones, based on the mission assignment and team needs.			

Superseded

RESOURCE TYPES			TYPE 1	TYPE 2	TYPE 3	NO TYPE 4
COMPONENT	METRIC/ MEASURE	CAPABILITY				
Equipment	Per Team	Transportation	Same as Type 2, PLUS: 1 - vehicle	Same as Type 3, PLUS: 1 - vehicle	2 - vehicles	Not Applicable
			NOTES: Vehicles should have 4-wheel drive capable of operating in an incident area and have an inverter to power computer hardware. Team can use vehicles as workspaces if no fixed facilities or other locations exist to house team and equipment.			
Personnel	Per Team	Minimum	10	6	6	Not Applicable
			NOTES: Not Specified			
Equipment	Per Team	Storage and Distribution	Same as Type 2	Same as Type 3	1 - Server	Not Applicable
			NOTES: Not Specified			
Equipment	Per Team	Printing	Same as Type 2, PLUS: 1 - 42 in. plotter 1 - high-speed (36 ppm or faster) color printer with 11 x 17 capability	1 - 42 inch (in.) plotter 2 - high-speed (36 pages per minute (ppm) or faster) color printers with 11 x 17 capability	Not Specified	Not Applicable
			NOTES: The Type 3 GIS Map Support Team is for maximum mobility in support of an existing infrastructure.			
Equipment	Per Team Member	Information Technology	Same as Type 2	Same as Type 3	Laptop	Not Applicable
			NOTES: These are workstation-grade laptop computers that should have internet access through either a local area or wireless network. Laptops should include GIS viewing software, production software, editing software, and analysis software.			
Equipment	Per Team Member	Supporting Information Technology	Same as Type 2	Same as Type 3	Mobile Data Devices	Not Applicable
			NOTES: Mobile data device include tablets and smartphones with Global Positioning System (GPS) capability and cameras, which are dependent on internet connectivity.			

Superseded



COMMENTS

1. The requestor provides support to the team, such as security, fuel, and power for recharging phones, computers, and other rechargeable devices

REFERENCES

1. FEMA, NIMS 509: GIS Supervisor
2. FEMA, NIMS 509: GIS Analyst
3. U.S. Department of Homeland Security, Homeland Security Geospatial Concept of Operations (GeoCONOPS), v. 5.0, June 2013

NOTES

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

Superseded