

## GEOGRAPHIC INFORMATION SYSTEMS SUPERVISOR (NQS)

TYPE	TYPE 1	NO TYPE 2
<b>DESCRIPTION</b>	The Geographic Information Systems (GIS) Supervisor: 1. Establishes or transitions into a unit or team under the Planning Section 2. Configures team to support operations as necessary 3. Provides oversight for GIS activities of multiple GIS teams during expanding and complex incidents 4. Manages the Type 1 GIS Analyst and coordinates staffing and resources to support mission-specific needs and activities	Not Applicable
CATEGORY	CRITERIA	CRITERIA
<b>EDUCATION</b>	Completion of a formal GIS-related educational or certificate program or possession of Recognition of Prior Learning (RPL) focused on demonstrated knowledge and skills as the Authority Having Jurisdiction (AHJ) determines  <b>NOTES:</b> Not Specified	Not Applicable
<b>TRAINING</b>	Completion of the following: 1. IS-100: Introduction to the Incident Command System, ICS-100 2. IS-200: ICS for Single Resources and Initial Action Incidents 3. ICS-300: Intermediate Incident Command System for Expanding Incidents 4. IS-700: National Incident Management System, An Introduction 5. IS-800: National Response Framework (NRF), An Introduction 6. IS-922: Applications of GIS for Emergency Management 7. E/L 0964: National Incident Management System Incident Command System All-Hazards Situation Unit Leader Course, or equivalent 8. G0191: ICS/EOC Interface 9. Training in accordance with Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.120: Hazardous Materials Awareness  <b>NOTES:</b> Not Specified	Not Applicable

*Superseded*

TYPE	TYPE 1	NO TYPE 2
<b>EXPERIENCE</b>	Knowledge, Skills, and Abilities: 1. Understands and uses common location reference systems, including United States National Grid (USNG), latitude/longitude, and other appropriate location languages in support of disaster operations 2. Helps acquire data for GIS software, including coordinating Memorandums of Understanding (MOU) for event imagery and other local data 3. Acquires and evaluates different map types and data sources to understand limitations and present the most useful information 4. Provides oversight, guidance, and direction for the use of predictive models such as Hazus Multi-Hazards, CBRN (chemical, biological, radiological, and nuclear,) and Wildland Fire Behavior Modeling in producing maps, analysis, and reports for situational awareness and decision-making Experience: 1. Successful completion of the National Qualification System (NQS) Position Task Book (PTB) for the National Incident Management System (NIMS) Geographic Information Systems Supervisor, or equivalent AHJ documentation 2. Practical GIS experience 3. Experience in a management position in public safety, emergency management, or a GIS team, including familiarity with GIS industry-standard methods and processes to manage GIS resources and produce GIS products and services 4. Successful experience as a Type 1 GIS Analyst on a deployment, incident, or training exercise, including tabletops with previous experience  <b>NOTES:</b> Not Specified	Not Applicable
<b>PHYSICAL/MEDICAL FITNESS</b>	Performs duties under moderate circumstances characterized by working consecutive 12-hour days under physical and emotional stress for sustained periods of time  <b>NOTES:</b> Not Specified	Not Applicable
<b>CURRENCY</b>	Functions in this position during an operational incident, exercise, drill, or simulation at least once every three years  <b>NOTES:</b> Not Specified	Not Applicable
<b>PROFESSIONAL AND TECHNICAL LICENSES AND CERTIFICATIONS</b>	1. Completion of GIS industry-standard certification program as the AHJ determines 2. Maintains currency in the use and application of the latest GIS technology and certifications used in the industry  <b>NOTES:</b> Not Specified	Not Applicable

Superseded

## ORDERING SPECIFICATIONS OR DESIGNATIONS

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1. (X) Can be ordered as an individual asset
2. (X) Can be ordered in conjunction with a NIMS typed team (GIS Map Support Team)
3. ( ) Can be ordered in conjunction with a NIMS typed unit
4. Discuss logistics for deploying this position, such as security, lodging, transportation, and meals, prior to deployment
5. This position typically works 12 hours per shift, is self-sustainable for 72 hours, and is deployable for up to 14 days
6. Requestor may specify any additional qualifications necessary based on incident complexity and needs

## REFERENCES

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1. FEMA, NIMS 508: Geographic Information Systems Map Support Team
2. FEMA, NIMS 509: Geographic Information Systems Analyst
3. FEMA, Position Task Book for Geographic Information Systems Supervisor
4. FEMA, National Qualification System Guide
5. FEMA, National Incident Management System (NIMS)
6. FEMA, National Response Framework, June 2016
7. FEMA, Emergency Responder Field Operations Guide (ER-FOG), October 2010
8. Occupational Safety and Health Administration (OSHA) 29 Code of Federal Regulations (CFR) Part 1910.120: Hazardous Materials Awareness, latest edition adopted
9. National Wildfire Coordinating Group (NWCG), National Incident Management System Wildland Fire Qualification System Guide, PMS 310-1, Physical Fitness Levels, October 2016
10. U.S. Department of Homeland Security, Homeland Security Geospatial Concept of Operations (GeoCONOPS) v. 5.0, June 2013, or latest edition adopted

## NOTES

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Nationally typed resources represent the minimum criteria for the associated category.

**Superseded**