

## CANINE SEARCH TEAM - WATER HUMAN REMAINS

<b>DESCRIPTION</b>	The Canine Search Team - Water Human Remains searches for and detects human remains in and along bodies of water and debris fields.
<b>RESOURCE CATEGORY</b>	Search and Rescue
<b>RESOURCE KIND</b>	Team
<b>OVERALL FUNCTION</b>	<p>The Canine Search Team - Water Human Remains:</p> <ol style="list-style-type: none"> <li>1. Provides search services for detecting human remains in and along bodies of water and debris fields</li> <li>2. Provides medical care to include first aid</li> <li>3. Conducts planning for team-level tactics</li> <li>4. Provides basic protection of personnel with regard to: <ol style="list-style-type: none"> <li>a. Safety</li> <li>b. Emergency shelter</li> <li>c. Medical care</li> <li>d. Simple decontamination</li> <li>e. Basic ground support capability for helicopter operations</li> <li>f. Minor repair of personal or team equipment (Incident Logistics Support)</li> </ol> </li> <li>5. Operates in environments with and without infrastructure, including compromised access to roadways, utilities, transportation, and limited availability of shelter, food, and water</li> <li>6. Does not provide ambulance service, or transport of humans or animals to shelter or other locations</li> </ol>
<b>COMPOSITION AND ORDERING SPECIFICATIONS</b>	<ol style="list-style-type: none"> <li>1. Discuss the following items prior to deployment: <ol style="list-style-type: none"> <li>a. Communications beyond Intra-team communications, such as programmable inter-operable communications with Command, General Staff, the military and other supporting resources</li> <li>b. Presence of contaminated environments and need for related personal protective equipment (PPE), clothing, and equipment</li> <li>c. Security and force protection needed upon arrival</li> <li>d. Logistics support, such as working conditions, length of deployment, security, lodging, transportation, and meals</li> </ol> </li> <li>2. The requestor should specify mission location and operational environments, such as the presence of failed structures, water, type of terrain, weather, and hazardous materials contamination</li> <li>3. Requestor should order an adequate number of canine teams based on the physical endurance of the canines, search area, and environmental conditions</li> <li>4. The requestor should specify the need for additional vehicles, trailers, equipment, or supplies</li> <li>5. The handler determines duty cycle of the dog based on assignment, environment, terrain, and other factors affecting detection performance</li> <li>6. The requestor should order separately any additional specialized personnel, such as Advanced Life Support (ALS), medical, animal, logistics, advisors, or helicopter support</li> </ol>

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	NOTES
<b>PERSONNEL PER TEAM MINIMUM</b>	2	2	Not Specified
<b>PERSONNEL PER TEAM MANAGEMENT AND OVERSIGHT</b>	Not Specified	Not Specified	The requestor may need to order this resource in conjunction with a National Incident Management System (NIMS) typed Swiftwater/Flood SAR Team, which would provide oversight.

## Resource Typing Definition for Mass Search and Rescue Operations Search and Rescue

COMPONENT	TYPE 1	TYPE 2	NOTES
<b>PERSONNEL PER TEAM OPERATIONS AND SUPPORT</b>	1 - NIMS Type 1 Canine Search Specialist - Water Human Remains, with canine 1 - NIMS Type 1 Swiftwater/Flood SAR Technician	1 - NIMS Type 2 Canine Search Specialist - Water Human Remains, with canine 1 - NIMS Type 1 Land SAR Technician or NIMS Type 2 Swiftwater/Flood SAR Technician	Not Specified
<b>ENVIRONMENT PER TEAM MINIMUM</b>	Swiftwater/Flood	Stillwater/Flood	Not Specified
<b>CAPABILITY PER TEAM SEARCH AND RESCUE</b>	Same as Type 2, PLUS: Searches for and detects human remains scent in and along bodies of swiftwater and swiftwater/flood	Searches for and detects the scent of human remains in and along bodies of stillwater and stillwater/flood	Not Specified
<b>EQUIPMENT PER TEAM GENERAL FUNCTIONS</b>	Same as Type 2	Equipment consistent with this resource's capabilities and needs to include the following: 1. Access and search 2. Ground support for air operations 3. Base and spike camp	Not Specified
<b>EQUIPMENT PER TEAM MEMBER PPE</b>	Same as Type 2, PLUS: 1. Water rescue helmet 2. Class 5 whitewater vest/PFD	Minimum PPE consistent with this resource's capabilities and needs, including: 1. Helmet 2. Headlamp and batteries 3. Eye protection 4. Hearing protection 5. Uniform / protective clothing 6. Gloves 7. Appropriate footwear 8. Class 3 whitewater vest/personal flotation device (PFD) 9. Field pack as needed 10. Personal medical kit 11. Survival kit 12. Foul weather clothing 13. Canine PPE 14. Throw rope	46 Code of Federal Regulations (CFR) 160 Lifesaving Equipment addresses PFDs.
<b>EQUIPMENT PER TEAM MEMBER COMMUNICATIONS</b>	Same as Type 2	1. Portable and mobile intra-team communications 2. Portable radios with ground to air capability 3. Charger for devices 4. Handheld Global Positioning System (GPS) units 5. Two-way handheld radios 6. Mobile phones	1. Intra-team and inter-team communications should be consistent with National Interoperability Field Operations Guide (NIFOG). 2. Consider alternate forms of communication, such as satellite phones, based on the mission assignment and team needs.
<b>EQUIPMENT PER TEAM TRANSPORTATION</b>	Water transportation is the responsibility of a Swiftwater/Flood SAR Team	If water-based transportation is necessary, it is the responsibility of a Swiftwater/Flood SAR Team	Not Specified

Superseded

## NOTES

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

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## REFERENCES

1. FEMA, NIMS 509: Canine Search Specialist – Water Human Remains
2. FEMA, NIMS 509: Swiftwater/Flood Search and Rescue Technician
3. FEMA, NIMS 508: Swiftwater/Flood Search and Rescue Team
4. FEMA, NIMS 509-8: Land Search and Rescue Technician
5. FEMA, National Incident Management System (NIMS), October 2017
6. U.S. Department of Homeland Security, Office of Emergency Communications (OEC), National Interoperability Field Operations Guide (NIFOG), v. 1.5, 2014
7. United States Coast Guard (USCG)46 Code of Federal Regulations (CFR) Part 160: Lifesaving Equipment, latest edition adopted

**Superseded**