



ORIENTATION TO NATIONAL INCIDENT MANAGEMENT SYSTEM (NIMS) RESOURCE TYPING



PURPOSE

**To provide information on the purpose,
procedures, and available references
for
National Incident Management System
(NIMS) Resource Typing.**

OVERVIEW

- **Training Objectives**
- **Definition of NIMS Resource Typing**
- **Grant Reporting Requirements**
- **Procedures**
 - **Reading FEMA Matrices**
 - **Selection of Discipline, Resource and Type**
- **Available References**
- **Sample Problems: Resource Typing**
- **Comments/Discussion**

TRAINING OBJECTIVES

- **Define NIMS Resource Typing**
- **Increase knowledge of resource typing requirements**
- **Understand the purpose and benefits of resource typing**
- **Define resources in accordance with National Incident Management System (NIMS) standards.**
- **List available resources to assist in Resource Typing**
- **Provide examples of how equipment and training should be appropriately typed and recorded**



NIMS RESOURCE TYPING



FEMA DEFINITION – RESOURCE TYPING

Resource typing is the categorization and description of resources that are commonly exchanged in disasters via mutual aid, by capacity and/or capability.



BENEFITS OF RESOURCE TYPING

- **During a disaster, an emergency manager knows what capability a resource needs to have to respond efficiently and effectively**
- **Resource typing definitions help define resource capabilities for ease of ordering and mobilization during a disaster**
- **As a result of the resource typing process, a resource's capability is readily defined**
- **Emergency Managers are able to effectively and efficiently request and receive resources through mutual aid during times of disaster**

FEMA REPORTING REQUIREMENT – NIMS TYPED RESOURCES

FY 2011 HSGP Guidance and 2012 FOA require grantees to report all grant-funded equipment and training that supports NIMS-typed resources.

Reporting Instructions:

“Grantees will list the specific resources, capability supported, whether it is a Tier I or Tier II NIMS-typed resource, the cost and whether the resource sustains current capabilities or adds new capabilities...”

“The resources should be reported only after equipment is delivered or after training has occurred and the corresponding grant funds have been expended.”

- FEMA Grant Programs Directorate information Bulletin No. 388(a)

GRANT-FUNDED TYPED RESOURCE REPORT

The Grant-Funded Typed Resource Report can be found online at:

<http://www.fema.gov/library/viewRecord.do?id=6432>

This report is required for equipment and training that supports NIMS-typed resources and is submitted by grant sub-recipients to the Texas Homeland Security State Administrative Agency.

LEVELS OF RESOURCE TYPING DEFINITIONS

FEMA has developed the following levels of national resource typing definitions:

- **TIER I:** Those resources included in the National Resource Typing Definitions

* States are encouraged to identify any resources that qualify as Tier I resources for inventory processes.

- **TIER II:** All other resources defined by States, tribal and local jurisdictions that are not predefined in the Tier I definitions.

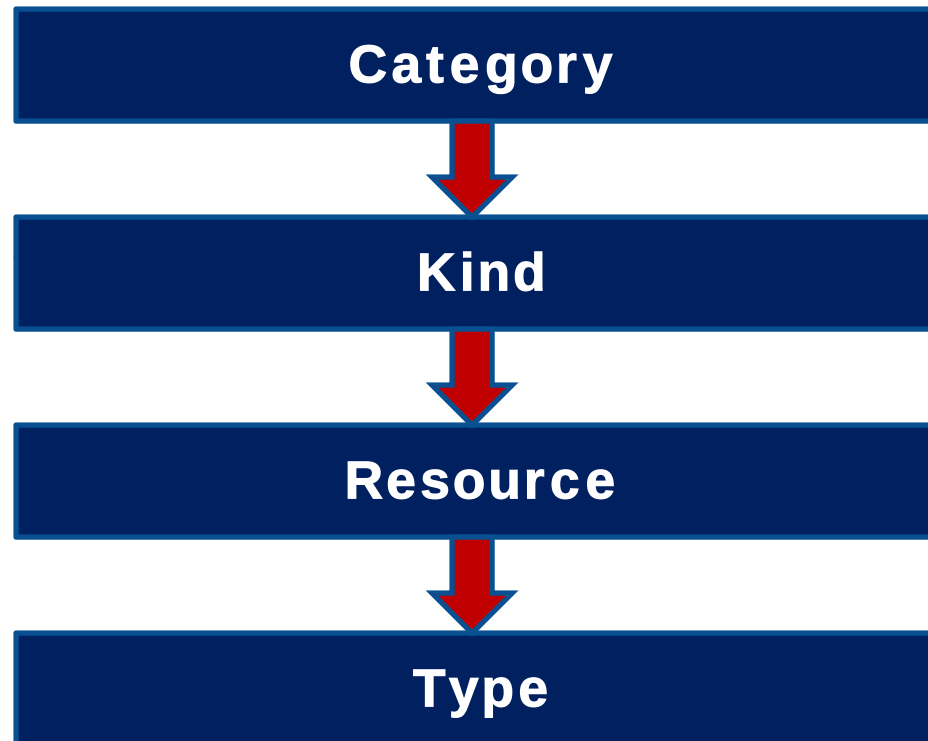
- **Texas has not designated Tier II resource definitions**

FEMA TIER I RESOURCES

The Tier I criteria for national resource typing definitions:

- **Already exist as a defined, deployable interstate response resource for first responders**
- **Be exchanged and deployed with usage governed thru interstate mutual aid agreements or compacts**
- **Have performance levels that can be identified as to category, kind, and type**
- **Be identified, inventoried, tracked to determine availability status for response operations by the jurisdiction having authority**
- **Allow for command and control utilization under the Incident Command System (ICS)**
- **Be sufficiently interoperable or compatible to allow for deployment thru a defined system for resource ordering**

STEPS OF RESOURCE TYPING



CATEGORY

Category describes the general function for which a resource is most useful (e.g., health and medical, law enforcement, fire fighting, etc.)

More Categories may be added over time

- | | |
|---|---|
| <ul style="list-style-type: none">• Transportation• Communications• Public Works and Engineering• Firefighting• Information and Planning• Law Enforcement and Security• Mass Care• Resource Management | <ul style="list-style-type: none">• Health and Medical• Search and Rescue• Hazardous Materials Response• Food and Water• Energy• Public Information• Animals and Agricultural Issues• Volunteers and Donations |
|---|---|

STEP 1- FEMA WEBSITE RESOURCE MANAGEMENT



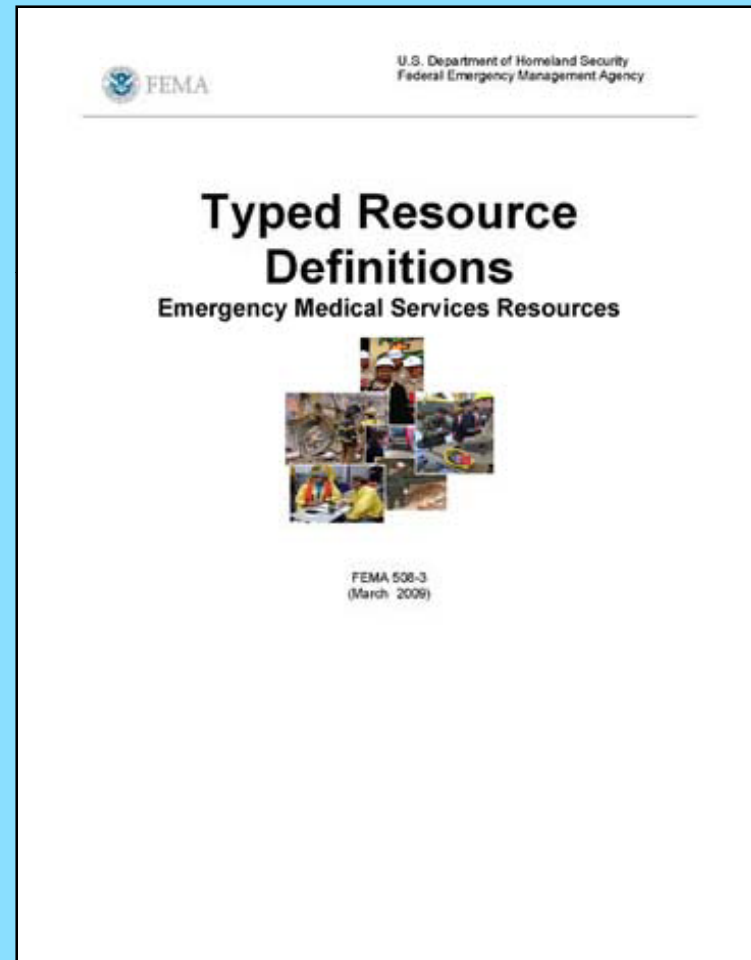
<http://www.fema.gov/resource-management#item4>

FEMA TYPED RESOURCE DEFINITIONS

FEMA 508 SERIES

FEMA Typed Resource Definitions are currently published by category in the 508 Series

FEMA continues to add to Typed Resource Definitions over time as it adds to the 508 Series of manuals



FEMA TYPED RESOURCE DEFINITIONS

FEMA 508 SERIES

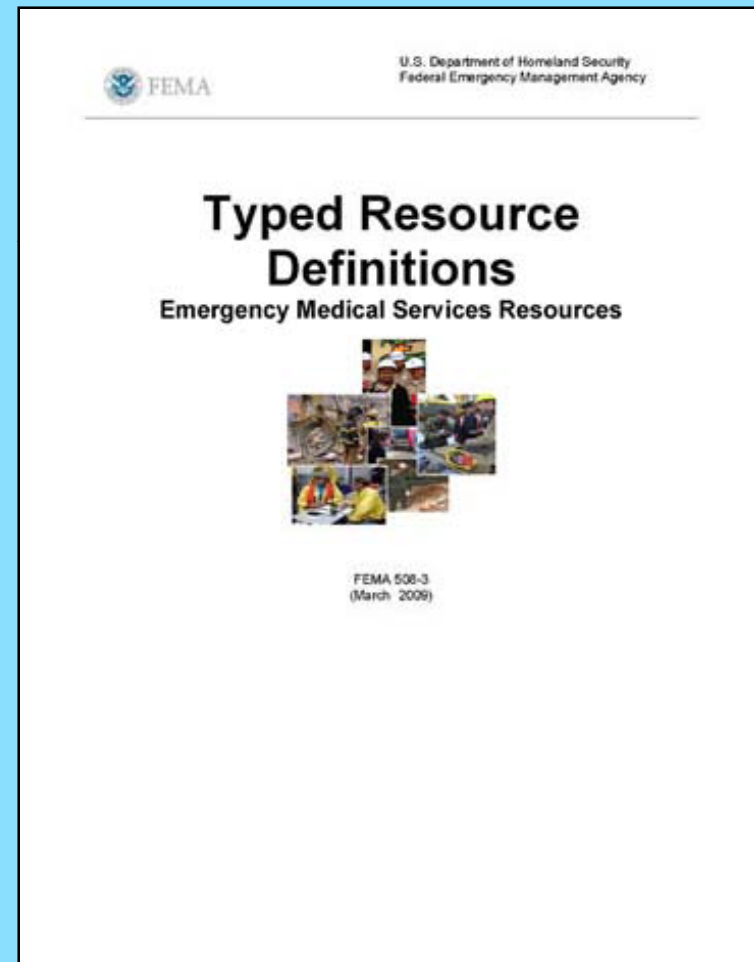
FEMA 508-1: Animal Health Resources

FEMA 508-2: Incident Management Resources

FEMA 508-3: Emergency Medical Services Resources

FEMA 508-4: Fire and Hazardous Materials Resources

FEMA 508-5: Health and Medical Resources



FEMA TYPED RESOURCE DEFINITIONS

FEMA 508 SERIES

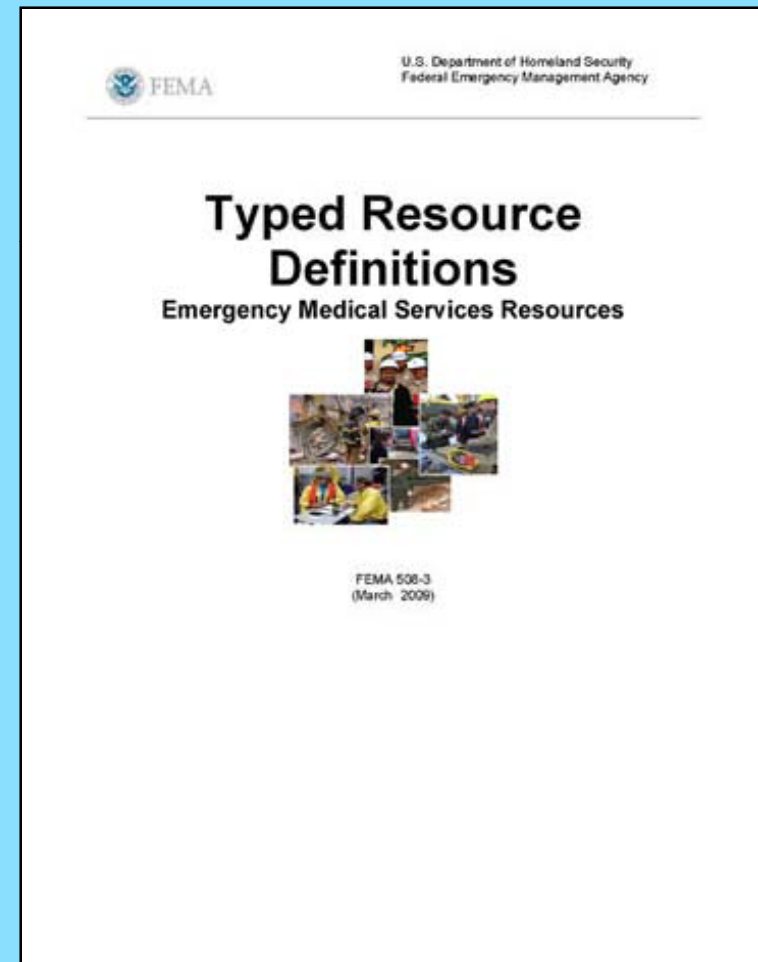
FEMA 508-6: Law
Enforcement and Security
Resources

FEMA 508-7: Public Works
Resources

FEMA 508-8: Search and
Rescue Resources

FEMA 508-9: Draft Shelter
Management Team

FEMA 508-10: TBD



ICS CATEGORIZATION

ICS resources are categorized by:

KIND: Describe what the resource is (e.g., **Team** (SWAT, Dive Team, Bomb Squad), **Vehicle** (ambulance, armored car, etc.) **Aircraft** (tanker, helicopter) **Equipment** (air compressor, generator)

Note: Resource kinds may be divided into subcategories to more precisely define the resource capabilities needed to meet specific requirements

TYPE: Describe the size, capability and staffing qualifications of a specific kinds of resource

Slide 18

T3

the Phrase "Resource kinds may be divided into
the kinds no real sub-cats

TXDPS, 1/8/2013

subcategories to more precisely" define is not accurret the next pages list



KINDS

“Kinds” refers to

“broad classes that characterize like resources”

**NIMS includes but is not limited to the following
“Kinds”**

- Teams
- Equipment
- Supplies
- Vehicles
- Aircraft

TYPE

- The “**type**” assigned to a resource or a component is the measure of minimum capabilities needed to perform its function
 - Type I implies a higher capability than Type II
- The measures used should identify the capability and/or capacity of the resource
- The measures used are based on the kind of resource being typed.
 - One measure is not used for all
- **Example measures include:**
 - Capability (power and size) and Capacity

EXAMPLE OF TYPES

Ambulances (Ground)

RESOURCE: Ambulances (Ground)						
CATEGORY: Health & Medical (EMS)			KIND: Vehicle/Team			
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER
COMPONENT	METRIC					
Overall Function	Provides out-of-hospital emergency medical care, evacuation, and transportation services via licensed EMS service	Capable of providing clinical and transportation services in hazardous material environments to a range of patient conditions, includes vehicle, staff, equipment, and supplies.	Capable of providing clinical and transportation services to a range of patient conditions, includes vehicle, staff, equipment, and supplies.	Capable of providing clinical and transportation services in hazardous material environments to a range of patient conditions, includes vehicle, staff, equipment, and supplies.	Capable of providing clinical and transportation services to a range of patient conditions, includes vehicle, staff, equipment, and supplies.	
Team Request for Mutual Aid should specify specialty services as needed.	Team experienced and actively involved in the care and transportation of EMS patients. Specialty care provided based on assessment of patient needs by the requesting state	Advanced Life Support	Advanced Life Support	Basic Life Support	Basic Life Support	
Personnel	Minimum staff See Notes 3, 4. One of the ambulance staff may also meet the requirements as a qualified EVO but the highest level of credentialed caregiver MUST be physically located in the patient compartment	1 ALS practitioner and 1 EMT Meets or exceeds standards as addressed by EPA, OSHA and NFPA 471, 472, 473 and 29 CFR 1910, 120 ETA 3-11 to work in HazMat Level B and specific threat conditions All immunized in accordance with CDC core adult immunizations and specific threat as commensurate with the mission assignment.	1 ALS practitioner and 1 EMT	2 (1 EMT and 1 EMR) Meets or exceeds standards as addressed by EPA, OSHA and NFPA 471, 472, 473 and 29 CFR 1910, 120 ETA 3-11 to work in HazMat Level B and specific threat conditions All immunized in accordance with CDC core adult immunizations and specific threat as commensurate with the mission assignment.	2 (1 EMT and 1 EMR)	

FEMA RESOURCE TYPING SUPPORT

- National Mutual Aid and Resource Management Web site:
http://www.fema.gov/nims/mutual_aid.shtm.
- FEMA NIMS Resource Center at
www.fema.gov/emergency/nims/ResourceMngmnt.shtm
- FEMA IS-703.a NIMS Resource Management
<http://training.fema.gov/EMIWeb/IS/is703a.asp>
- FEMA 508-Series Manuals-Typed Resource Definitions
- Online support for Resource Typing, Credentialing and other NIMS-related issues is provided through the NIMS Support Center at <http://www.fema.gov/emergency/nims/>.

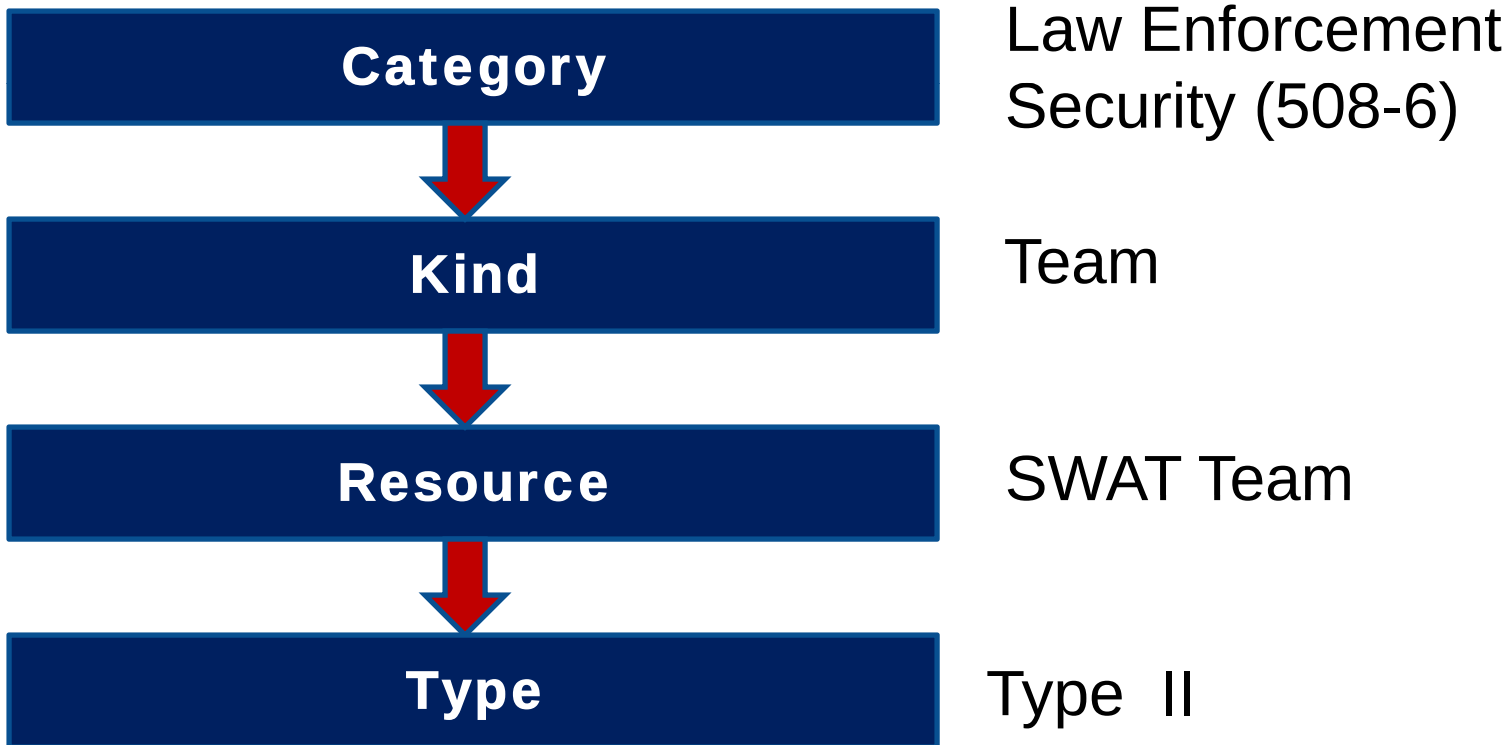


SAMPLE PROBLEM

A local jurisdiction seeks to purchase an armored car for its Type II SWAT Team.

SAMPLE PROBLEM: SWAT TEAM

Problem: A local jurisdiction seeks to purchase an armored car for its Type II SWAT Team.

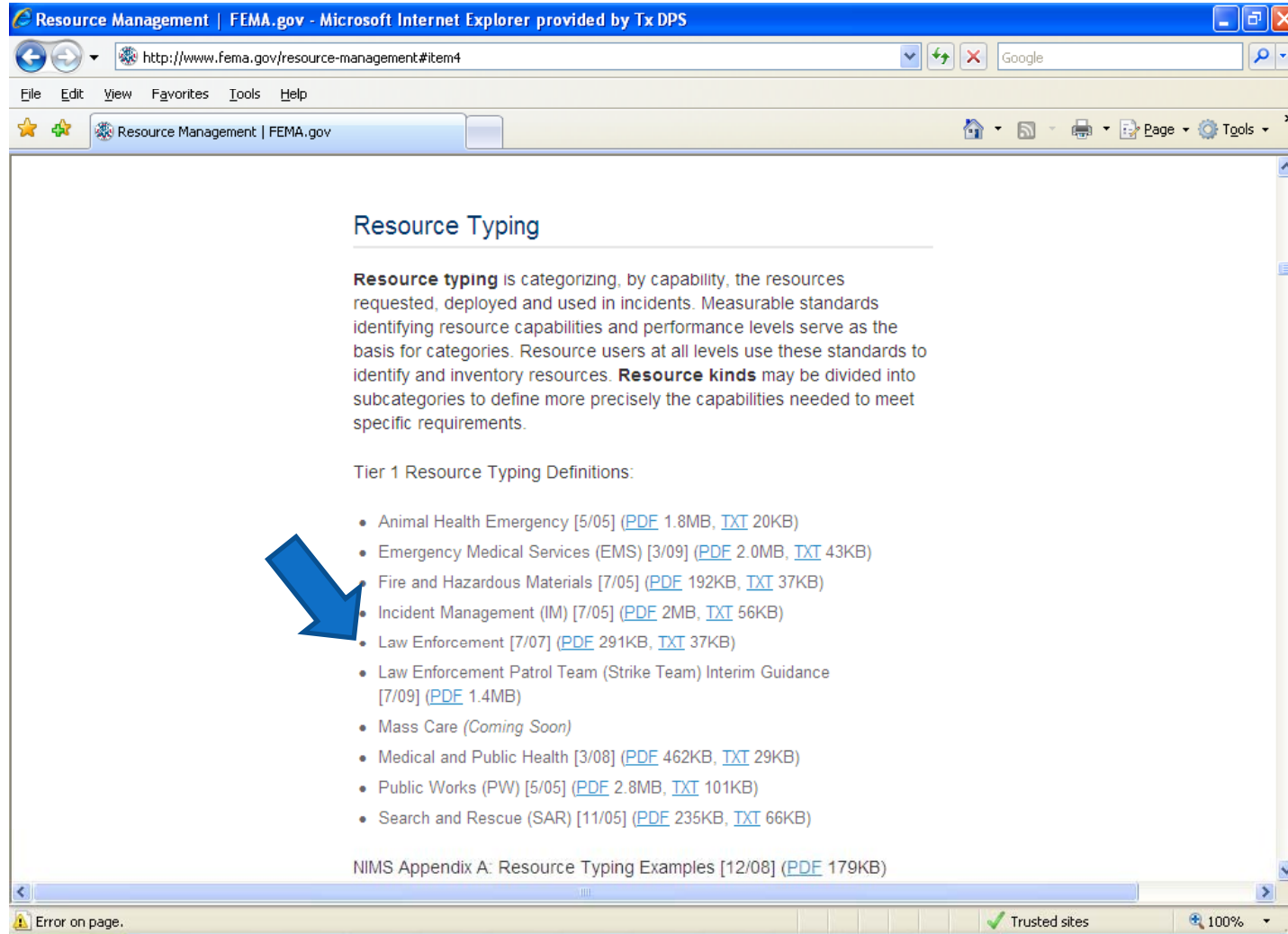


STEP 1- FEMA WEBSITE RESOURCE MANAGEMENT



<http://www.fema.gov/resource-management#item4>

STEP 2 - LOCATE LAW ENFORCEMENT (Category)



STEP 3 - LOCATE SWAT TEAM EQUIPMENT LISTING

http://www.fema.gov/pdf/emergency/nims/508-6_Law_Enfor_Secur_Resources.pdf - Microsoft Internet Explorer provided by Tx DPS

http://www.fema.gov/pdf/emergency/nims/508-6_Law_Enfor_Secur_Resources.pdf

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Federal Emergency Management Agency

RESOURCE: SWAT/Tactical Teams

CATEGORY: Law Enforcement and Security **KIND:** Team

MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER
COMPONENT	METRIC					
Special Tactical Capability	Negotiation	Same as Type II	Same as Type III	Negotiator	Mutual aid for pre-planned events	
Special Tactical Capability	Maritime Boarding See Note 9	Underway boarding via air insertion and watercraft	Underway boarding via air or watercraft	Pier-side boarding via air and ladder climb	None	
Special Tactical Capability	Tactical Medic See Note 5	Paramedics with advanced life support capabilities/equipment	Same as Type III	EMTs (Recommend Paramedics)	None	
Special Tactical Capability	Insertion	Air mobile capabilities including FAST ROPE and rappel	Air mobile capabilities including FAST ROPE and rappel See Note 8	Rappel from structures only	None	
Special Tactical Capability	Specialty Vehicles	Command Post Vehicle, APC, ATV, Boats, Armored Response Vehicle See Note 9	None	None	None	
COMMENTS:		Note 1: The Tactical Unit within a department is comprised of multiple officers, teams or elements and led by a commander and/or supervisor. Note 2: The Tactical Team is an operational entity comprised of multiple tactical elements, spe				

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Re: FEMA 508-6. page 19-21



CONCLUSION

The Jurisdiction/Sub-Grantee should not purchase the Armored Car (Armored Response Vehicle) with Homeland Security Grant Funds...

...unless the SWAT Team is to be upgraded to a Type I Team or there is another situation-specific reason to purchase the vehicle.

Jurisdictions must be able to justify their grant-funded purchases; deviations from FEMA guidance on NIMS resource typing should be conscious decisions made for situation-specific reasons.



VERIFICATION OF RESOURCE TYPING

What Individual/Agency verifies that we have attained Type I Swift Water Rescue Team?

The State, tribe or local agency conducting the inventory will make the determination that a specific resource meets the resource typing requirements and certify the resource as necessary.

IS-703.A NIMS Resource Management Instructor Guide, p. 4-11

The jurisdiction that owns the team verifies its resource type in accordance with FEMA criteria

SAMPLE PROBLEM

Our County seeks to upgrade its Type II Public Safety Dive Team to a Type I Resource.

How many divers must the team have?

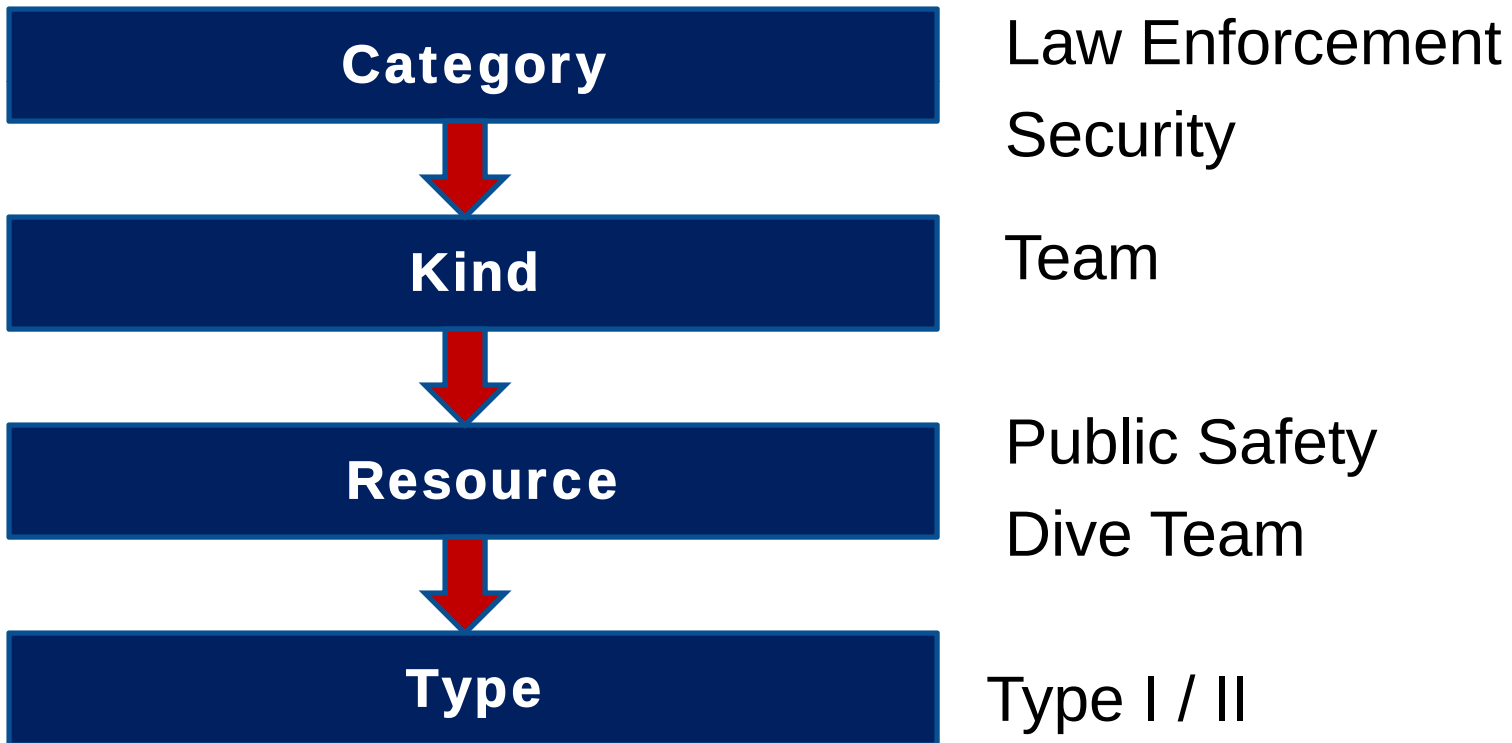
What equipment should the County purchase?

What is the minimum number of certified training dives that should be scheduled this year?

What training is recommended but not mandatory for our divers?

SAMPLE PROBLEM: DIVE TEAM

Problem: A local jurisdiction seeks to upgrade its Public Safety Dive team to a Type I Resource.



STEP 1- FEMA WEBSITE RESOURCE MANAGEMENT

Resource Management | FEMA.gov - Microsoft Internet Explorer provided by Tx DPS

http://www.fema.gov/resource-management#item3

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Resource Management | FEMA.gov

Resource Management

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→ Protecting Homes

→ Protecting Our Communities

→ Protecting Your Businesses

↓ National Preparedness

Whole Community

▼ National Preparedness Goal

- Core Capabilities
- Mission Areas

National Preparedness System

National Preparedness Report

▼ Presidential Policy Directive 8 (Learn about PPD-8)

- Read News Updates
- Download Materials

• [Resource Management Overview](#)

• [Credentialing](#)

• [Resource Typing](#)

• [NIMS Incident Resource Inventory System \(IRIS\)](#)

• [Mutual Aid Agreements and Assistance Agreements](#)

• [FAQs](#)

• [NIMS Alerts](#)



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<http://www.fema.gov/resource-management#item4>

STEP 2 - LOCATE LAW ENFORCEMENT (CATEGORY)

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Resource Typing

Resource typing is categorizing, by capability, the resources requested, deployed and used in incidents. Measurable standards identifying resource capabilities and performance levels serve as the basis for categories. Resource users at all levels use these standards to identify and inventory resources. **Resource kinds** may be divided into subcategories to define more precisely the capabilities needed to meet specific requirements.

Tier 1 Resource Typing Definitions:

- Animal Health Emergency [5/05] ([PDF](#) 1.8MB, [TXT](#) 20KB)
- Emergency Medical Services (EMS) [3/09] ([PDF](#) 2.0MB, [TXT](#) 43KB)
- Fire and Hazardous Materials [7/05] ([PDF](#) 192KB, [TXT](#) 37KB)
- Incident Management (IM) [7/05] ([PDF](#) 2MB, [TXT](#) 56KB)
- Law Enforcement [7/07] ([PDF](#) 291KB, [TXT](#) 37KB)
- Law Enforcement Patrol Team (Strike Team) Interim Guidance [7/09] ([PDF](#) 1.4MB)
- Mass Care (*Coming Soon*)
- Medical and Public Health [3/08] ([PDF](#) 462KB, [TXT](#) 29KB)
- Public Works (PW) [5/05] ([PDF](#) 2.8MB, [TXT](#) 101KB)
- Search and Rescue (SAR) [11/05] ([PDF](#) 235KB, [TXT](#) 66KB)

NIMS Appendix A: Resource Typing Examples [12/08] ([PDF](#) 179KB)

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STEP 3- LOCATE RESOURCE “PUBLIC SAFETY DIVE TEAM”

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U.S. Department of Homeland Security
Federal Emergency Management Agency

Resource – Public Safety Dive Team

Public Safety Dive Team					
RESOURCE:		KIND: Team			
CATEGORY: Law Enforcement/Security					
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	OTHER
COMPONENT	METRIC				
Vehicles		Support vehicle for transportation of personnel/equipment	Same as Type I	Same as Type I	Same as Type I
Training		Minimum Physical Fitness Qualification with recurrent annual certification; Scuba Certification; Public Safety Certification – 100 hours minimum, including the use of full face masks and lift bags; surface supplied air systems; diving in isolated environments; use of lift bags for salvage operations, evidence recovery and preservation, low visibility; and overhead environment (Recommended aircraft deployment and tactical) operations; Certification of 6 training dives per year, including 1 training dive to maximum depth	Scuba Certification; Public Safety Certification – 60 hours minimum, including the use of full face masks and lift bags; Certification of 6 training dives per year	Scuba Certification; Public Safety Certification – 60 hours minimum, including the use of full face masks and lift bags; Certification of 6 training dives per year	Same as Type I, plus explosives training
COMMENTS:		All teams are described for law enforcement purposes. Many of these teams will be trained and prepared for search and rescue as well. All divers and dive operations will be compliant with current NFPA, 1070 and 1006 guidelines. ** A national training standard needs to be developed. Description of Type Type I – A team of divers and a support team with necessary diving experience as well as law enforcement experience. Teams should be able to respond with all outlined equipment to handle evidence recovery and deep water diving. Team should be self-contained for 24 hours. A dive team leader with experience and training in risk/benefit analysis should be assigned to each dive team. Capable of conducting rescue dives. Type II – A team capable of responding with all outlined equipment to handle evidence recovery. Type III – A team with Scuba certification and Public Safety Diving Certification.			

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Re: FEMA 508-6. pages 15-17

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STEP 3- LOCATE TYPES FOR PUBLIC SAFETY DIVE TEAM

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U.S. Department of Homeland Security
Federal Emergency Management Agency

RESOURCE: Public Safety Dive Team						
CATEGORY: Law Enforcement/Security			KIND: Team			
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER
COMPONENT	METRIC					
Equipment	Electronic Communications Systems	Each diver equipped with underwater communications system	Recommended same as Type I	Recommended same as Type I	Same as Type I	
Equipment	Portable Sonar	Aides in locating objects from surface, allowing diver to be directed by support team				
Equipment	Drysuits/Wetsuits	Drysuits: Vulcanized-Rubber, 1 for each diver, necessary to have available for potential biological or HazMat diving	Same as Type I	Wetsuit, recommend drysuit	Same as Type I	
Equipment	Lift/Recovery	Bags with minimum lift capacity of 6,000 lbs. and rigging equipment	Bags with minimum lift capacity of 4,000 lbs. and rigging equipment (recommended)			
Equipment	Evidence Collection/Seach Tools	Including: body recovery bags (fine nylon mesh), underwater metal detectors, sealing plastic containers, 200' of search lines and marker buoys	Same as Type I	Sealing plastic containers	Same as Type III, plus explosives handling equipment	
Personnel	Divers	Minimum 6, at least 4 for deep water diving (capability and training to dive a minimum of 100', low visibility overhead and cold-water environments)	Minimum 4	Minimum 3	2+ specially trained in explosives and underwater demolition	
	Dive Team Leader	1 per 4 divers	Same as Type I	Same as Type I (if available)	Recommended	
	Rescue Diver	1 rescue diver trained in First Aid/CPR and hyperbaric recognition	1 rescue diver trained in First Aid/CPR and hyperbaric recognition (recommended)	1 rescue diver trained in First Aid/CPR and hyperbaric recognition (recommended)	1 rescue diver trained in First Aid/CPR and hyperbaric recognition (recommended)	

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Re: FEMA 508-6. page 16

RESOURCE: Public Safety Dive Team

Unknown Zone



SAMPLE PROBLEM

Our county seeks to upgrade its Type II Public Safety Dive Team to a Type I Resource.

What is the minimum number of Team Members required for a Type I team?

STEP 3- LOCATE PUBLIC SAFETY DIVE TEAM

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07/30/2007

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U.S. Department of Homeland Security
Federal Emergency Management Agency

RESOURCE: Public Safety Dive Team						
CATEGORY: Law Enforcement/Security			KIND: Team			
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER
COMPONENT	METRIC					
Equipment	Electronic Communications Systems	Each diver equipped with underwater communications system	Recommended same as Type I	Recommended same as Type I	Same as Type I	
Equipment	Portable Sonar	Aides in locating objects from surface, allowing diver to be directed by support team				
Equipment	Drysuits/Wetsuits	Drysuits: Vulcanized-Rubber, 1 for each diver, necessary to have available for potential biological or HazMat diving	Same as Type I	Wetsuit, recommend drysuit	Same as Type I	
Equipment	Lift/Recovery	Bags with minimum lift capacity of 6,000 lbs. and rigging equipment	Bags with minimum lift capacity of 4,000 lbs. and rigging equipment (recommended)			
Equipment	Evidence Collection/Seach Tools	Including: body recovery bags (fine nylon mesh), underwater metal detectors, sealing plastic containers, 200' of search lines and marker buoys	Same as Type I	Sealing plastic containers	Same as Type III, plus explosives handling equipment	
Personnel	Divers	Minimum 6, at least 4 for deep water diving (capability and training to dive a minimum of 100', low visibility overhead and cold-water environments)	Minimum 4	Minimum 3	2+ specially trained in explosives and underwater demolition	
	Dive Team Leader	1 per 4 divers	Same as Type I	Same as Type I (if available)	Recommended	
	Rescue Diver	1 rescue diver trained in First Aid/CPR and hyperbaric recognition	1 rescue diver trained in First Aid/CPR and hyperbaric recognition (recommended)	1 rescue diver trained in First Aid/CPR and hyperbaric recognition (recommended)	1 rescue diver trained in First Aid/CPR and hyperbaric recognition (recommended)	

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Re: FEMA 508-6. page 16

RESOURCE: Public Safety Dive Team

Unknown Zone

SAMPLE PROBLEM

Our County seeks to upgrade its Type II Public Safety Dive Team to a Type I Resource.

What is the minimum number of Team Members required for a Type I team?

8 Team Members consisting of:

- 6 Divers (minimum)**
- 1 Dive Team Leader**
- 1 Rescue Diver**

SAMPLE PROBLEM

Our county seeks to upgrade its Type II Public Safety Dive Team to a Type I Resource.

What is the minimum number of certified training dives that should be scheduled this year?

What training is recommended but not mandatory for our divers?

STEP 3- LOCATE PUBLIC SAFETY DIVE TEAM

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RESOURCE: Public Safety Dive Team

CATEGORY: Law Enforcement/Security		KIND: Team				
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER
COMPONENT	METRIC					
Vehicles		Support vehicle for transportation of personnel/equipment	Same as Type I	Same as Type I	Same as Type I	
Training		Minimum Physical Fitness Qualification with recurrent annual certification ^{**} ; Scuba Certification: Public Safety Certification ^{**} - 100 hours minimum, including the use of full face masks and lift bags; surface supplied air systems; diving in polluted environments; use of lift bags for salvage operations; evidence recovery and preservation; low visibility; and overhead environment. (Recommended: aircraft deployment and tactical operations; Certification of 1 training dive per year, including 1 training dive to maximum depth)	Scuba Certification: Public Safety Certification ^{**} - 50 hours minimum, including the use of full face masks and lift bags; Certification of 6 training dives per year	Scuba Certification: Public Safety Certification ^{**} - 50 hours minimum, including the use of full face masks and lift bags; Certification of 6 training dives per year	Same as Type I, plus explosives training	
COMMENTS:		All teams are described for law enforcement purposes. Many of these teams will be trained and prepared for search and rescue as well. All divers and dive operators will be compliant with current NFPA, 1570 and 1006 guidelines. ^{**} A national training standard needs to be developed. Description of Type Type I - A team of divers and a support team with necessary diving experience as well as law enforcement experience. Teams should be able to respond with all outlined equipment to handle evidence recovery and deep water diving. Team should be self-contained for 24 hours. A dive team leader with experience and training in task/benefit analysis should be assigned to each dive team. Capable of conducting rescue dives. Type II - A team capable of responding with all outlined equipment to handle evidence recovery. Type III - A team with Scuba certification and Public Safety Diving Certification.				

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U.S. Department of Homeland Security
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RESOURCE: Public Safety Dive Team

CATEGORY: Law Enforcement/Security		KIND: Team				
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER
COMPONENT	METRIC					
Type IV - A team of divers and support team with necessary diving experience as well as explosive/underwater demolition experience. Teams should be able to respond with all						

Re: FEMA 508-6. page 17

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SAMPLE SOLUTION

Our County seeks to upgrade its Type II Public Safety Dive Team to a Type I Resource.

What is the minimum number of certified training dives that should be scheduled this year?

Certification of 6 Training Dives per year

What training is recommended but not mandatory for our divers?

aircraft deployment and tactical operations

Re: FEMA 508-6. page 17



SAMPLE PROBLEM

Our County seeks to upgrade its Type II Public Safety Dive Team to a Type I Resource.

What additional equipment should the County expect to purchase?

STEP 3- LOCATE PUBLIC SAFETY DIVE TEAM

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Public Safety Dive Team						
RESOURCE:	CATEGORY:	KIND:				
	Law Enforcement/Security	Team				
	TYPE I	TYPE II	TYPE III	TYPE IV	OTHER	
Equipment	Air Compressor	Recommended ability to refill air bottles onsite				
Equipment	Scuba	1 for each diver, including: full face mask, regulator, 1 additional air bottle, webbing, fins, and light	Same as Type I, plus at least 1 additional air bottle per diver	Same as Type I, plus at least 1 additional air bottle per diver	Same as Type I, plus at least 1 additional air bottle per diver	
Equipment	Deep Water Scuba	Each diver will be equipped with backup air source and regulator			Each diver will be equipped with backup air source and regulator	
Equipment	Surface Supply System	Capable of sustaining divers for deep water dives (more than 60') or dives of extended lengths of time, including 2,300 umbilical hoses to support primary and backup divers, and 1 positively pressured full face mask with communications system for each diver; Underwater video monitoring/recording capabilities			Capable of sustaining divers for deep water dives (more than 60') or dives of extended lengths of time, including 2,300 umbilical hoses to support primary and backup divers, 1 positively pressured full face mask with communications system for each diver; Underwater video monitoring/recording capabilities	
Equipment	Remote Operating Vehicle (ROV)	Available only for a Type I Team				
Equipment	Towable Motorized Vessel	Capable of transporting the entire team and its equipment	Same as Type I	Same as Type I	Same as Type I	

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STEP 3- LOCATE PUBLIC SAFETY DIVE TEAM

http://www.fema.gov/pdf/emergency/nims/508-6_Law_Enfor_Secur_Resources.pdf - Microsoft Internet Explorer provided by Tx DPS

http://www.fema.gov/pdf/emergency/nims/508-6_Law_Enfor_Secur_Resources.pdf

File Edit Go To Favorites Help

http://www.fema.gov/pdf/emergency/nims/508-6_La...

U.S. Department of Homeland Security
Federal Emergency Management Agency

RESOURCE: Public Safety Dive Team

CATEGORY: Law Enforcement/Security		KIND: Team				
MINIMUM CAPABILITIES:		TYPE I	TYPE II	TYPE III	TYPE IV	OTHER
COMPONENT	METRIC					
Equipment	Electronic Communications and Systems	Each diver equipped with underwater communications system	Same as Type I	Recommended same as Type I	Same as Type I	
Equipment	Portable Sonar	Aides in locating objects from surface, allowing diver to be directed by support team				
Equipment	Drysuit/Wetsuits	Drysuits: Vulcanized-Rubber 1 for each diver, necessary to have available for potential biological or HazMat diving	Same as Type I	Wetsuit, recommend drysuit	Same as Type I	
Equipment	Lift/Recovery	Bags with minimum lift capacity of 8,000 lbs. and rigging equipment	Bags with minimum lift capacity of 4,000 lbs. and rigging equipment (recommended)			
Equipment	Evidence Collection/Tools	Including: body recovery bags (fine nylon mesh), underwater metal detectors, sealing plastic containers, 200' of search lines and marker buoys	Same as Type I	Sealing plastic containers	Same as Type II, plus explosives handling equipment	
Personnel	Divers	Minimum 6, at least 4 for deep water diving (capability and training to dive a minimum of 100', low visibility overhead and cold-water environments)	Minimum 4	Minimum 3	2+ specially trained in explosives and underwater demolition	
	Dive Team Leader	1 per 4 divers	Same as Type I	Same as Type I (if available)	Recommended	
	Rescue Diver	1 rescue diver trained in First Aid/CPR and hyperbaric recognition	1 rescue diver trained in First Aid/CPR and hyperbaric recognition (recommended)	1 rescue diver trained in First Aid/CPR and hyperbaric recognition (recommended)	1 rescue diver trained in First Aid/CPR and hyperbaric recognition (recommended)	

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ADDITIONAL EQUIPMENT PURCHASES

- **The Type I Public Safety Dive team must have:**
 - **Air Compressor**
 - **Surface Supply System**
 - **Remote Operating Vehicle**
- **Each diver must be equipped with :**
 - **Backup air source and regulator (Deep Water Scuba)**
 - **Scuba Equipment (including: full face mask, regulator, wetsuit, added air bottle, fins, and light)**
(if the Team needs to increase its number of divers)

ADDITIONAL EQUIPMENT PURCHASES

- The Type I Public Safety Dive team must have:
 - **Portable Sonar**
 - **Lift/Salvage Bags with minimum lift capacity of 6,000 lbs plus rigging equipment**
- Each diver must be equipped with :
 - **An underwater communications system**
(Recommended under Type II/Mandatory for Type I.)
 - **Additional Vulcanized Rubber Dry Suits**
(if the Team needs to increase its number of divers)



VERIFICATION OF TYPED RESOURCES

“The State, tribal or local agency conducting the inventory will make the determination that a specific resource meets the resource typing requirements and certify the resource as necessary”



NON TYPED RESOURCES

**If resources in your jurisdiction do not meet
Tier I requirements...**

**Reach agreement with your mutual aid
partners on a Tier II definition**

- or -

**List these as non deployable resources in
your EOP (Resource Management Annex)**

INCIDENT RESOURCE INVENTORY SYSTEM (IRIS)

- Assists communities in inventorying, typing, and visualizing resources in accordance with National Incident Management System (NIMS) concepts/principles
- Provides quick access to resources to support emergency response operations
- Improves the Nation's capability to identify and acquire a typed resource
- Allows users to send data to existing Incident Command tools used in Emergency Operations Centers (EOC)

IRIS

- Provides a "no cost" resource inventory tool that is available to support response operations and NIMS resource typing compliance requirements
- IRIS features the capability for users to inventory resources and share resource information with other agencies. IRIS interfaces with WebEOC.
- IRIS users are able to define non-typed resources and select specific resources for mutual aid purposes based upon mission requirements, the capability and availability of resources, and desired response times.
- Access IRIS online at

<https://www.ptaccenter.org/iris/index>

SUMMARY

- **NIMS Resource Typing helps to define resource capabilities for ease of ordering and mobilization during a disaster**
- **NIMS Resource Typing assigns a standardized typing designation to each resource**
- **Expenditure of Homeland Security Grant Funds must be justified**
 - **Resource Typing is used as a basis for justifications**
- **Jurisdictions have a responsibility to inventory and report**
- **NIMS provides online and printed references to assist in Resource Typing**



QUESTIONS / DISCUSSION



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