

MARITIME PREVENTIVE RADIOLOGICAL NUCLEAR DETECTION TEAM

DESCRIPTION	A team composed of maritime public safety personnel from various backgrounds that detects radiological and nuclear materials.
RESOURCE CATEGORY	Prevention
RESOURCE KIND	Team with personnel and equipment components
OVERALL FUNCTION	<p>The team:</p> <ol style="list-style-type: none"> 1. Uses Preventive Radiological Nuclear Detection (PRND) tools and training to detect nuclear and radiological material out of regulatory control in the maritime environment 2. Supports Primary Screening, Secondary Inspection, and Wide Area Search 3. Is not capable of handling interdiction and other law enforcement PRND missions unless the team has assigned, sworn law enforcement personnel
COMPOSITION AND ORDERING SPECIFICATIONS	<ol style="list-style-type: none"> 1. Discuss logistics for this team (such as security, lodging, transportation, and meals) prior to deployment 2. The requestor may request the boat with or without a boat operator, if requested without a boat operator, the requestor should provide one 3. Teams work up to 12 hours per shift, are self-sustained for 72 hours, and are deployable up to 14 days 4. Teams are scalable by type, based upon the needs of the event 5. Requestor should specify if law enforcement capabilities are necessary 6. Requestor may order additional PRND Team Operators, but should ensure a span of control consistent with the Incident Command System (ICS)

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	NOTES
EQUIPMENT (COMMUNICATIONS) PER TEAM COMMUNICATION	Same as Type 2	Same as Type 3, PLUS: Laptop with aircard or satellite phone	2-way hand-held radio	Not Specified
EQUIPMENT (VEHICLE AND SPECIALIZED EQUIPMENT) PER TEAM HIGH RANGE RADIATION DETECTOR	1 - Radiation Survey Meter	Not Specified	Not Specified	The Radiation Survey Meter is not a NIMS typed resource.
EQUIPMENT (VEHICLE AND SPECIALIZED EQUIPMENT) PER TEAM ISOTOPE IDENTIFICATION	Same as Type 2	1 - NIMS Type 1 or Type 2 RIID	Not Specified	Not Specified

Superseded

Resource Typing Definition for Screening, Search, and Detection Prevention

COMPONENT	TYPE 1	TYPE 2	TYPE 3	NOTES
EQUIPMENT (VEHICLE AND SPECIALIZED EQUIPMENT) PER TEAM RADIATION DETECTOR	Same as Type 2, PLUS: 1 - NIMS Type 1 or Type 2 Human Portable Radiation Detector or 1 - NIMS Type 1 or Type 2 Vehicle Mounted Detection System	Same as Type 3	2 - Type 1 or Type 2 Personal Radiation Detector (PRD)	Teams operating with only PRDs should have established access to a Radio-Isotope Identification Device (RIID) for secondary screening.
EQUIPMENT (VEHICLE AND SPECIALIZED EQUIPMENT) PER TEAM TRANSPORTATION	Same as Type 2	Same as Type 3	1 - Boat	The Agency Having Jurisdiction (AHJ) should verify the boat type prior to deployment.
PERSONNEL PER TEAM DETECTION OPERATIONS	Same as Type 2	Same as Type 3	2 - NIMS Type 2 PRND Team Operator	Requestor should specify NIMS Type 1 PRND Team Operator if law enforcement capability is necessary.
PERSONNEL PER TEAM MANAGEMENT AND OVERSIGHT	Same as Type 2	Same as Type 3	1 - National Incident Management System (NIMS) Type 2 PRND Team Leader	Requestor should specify NIMS Type 1 PRND Team Leader if law enforcement capability is necessary.
PERSONNEL PER TEAM MINIMUM	Same as Type 2	Same as Type 3	3	Not Specified
TEAM PER TEAM DETECTION AND IDENTIFICATION	Same as Type 2, PLUS: Advanced Wide Area Search	Same as Type 3, PLUS: Secondary Inspection	Primary Screening	<ol style="list-style-type: none"> 1. Primary Screening includes the screening of maritime vessels and cargo containers on the vessel or in port facilities. 2. Secondary Inspection operations occur when an alarm sounds during primary screening. 3. Advanced Wide Area Search consists the screening of cargo seaports of entry and port facilities.

Superseded

NOTES

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

REFERENCES

1. FEMA, NIMS 509-6: Preventive Radiological Nuclear Detection Team Leader
2. FEMA, NIMS 509-6: Preventive Radiological Nuclear Detection Team Operator
3. FEMA, NIMS 508-6: Personal Radiation Detector
4. FEMA, NIMS 508-6: Radio-Isotope Identification Device
5. FEMA, NIMS 508-6: Human Portable Radiation Detector Backpack
6. FEMA, NIMS 508-6: Vehicle Mounted Radiological Nuclear Detection System

Superseded