

NAVSEA  
STANDARD ITEM

FY-20

ITEM NO: 009-34  
DATE: 01 OCT 2018  
CATEGORY: I

1. SCOPE:

1.1 Title: Fire Protection of Unmanned Vessel at Contractor Facility;  
accomplish

2. REFERENCES:

2.1 NFPA Standard 312, Standard for Fire Protection of Vessels During  
Construction, Repair, and Lay-up

2.2 29 CFR Part 1915, Occupational Safety and Health Standards for  
Shipyard Employment

3. REQUIREMENTS:

3.1 Accomplish fire protection for an unmanned vessel at a contractor  
facility in accordance with the requirements of 2.1 and 2.2 and this item.

3.2 Maintain available for review, prior to commencement of work, a fire  
safety plan meeting the requirements of 2.2. In addition to the requirements  
of 2.2, the plan **must** include and identify the method for reporting fires, |  
the firefighting equipment, and organization (paid or volunteer), the  
procedures for maintenance of clear fire lanes, and the nearest municipal |  
firefighting organization, including the anticipated time of response.

3.3 Provide fire protection equipment consisting of:

3.3.1 Firefighting water, utilizing manifolds connected to a source  
capable of providing 150 GPM at 60 PSIG at the manifold **must** be in place  
before start of work.

3.3.1.1 The number of manifolds **must** be sufficient to permit  
reaching all points on the vessel (including underwater body when the vessel  
is in dry dock or on a marine railway) with 2, 1-1/2 inch hoses of not more  
than 100 feet in length.

3.3.1.2 Hoses **must** be attached to the manifolds and fitted  
with an all-purpose combination fog and straight stream nozzle.

3.3.1.3 Verify by the Pitot tube method or an in-line flow meter that the water volume and pressure meets these requirements.

3.4 Ensure access to temporary and Ship's Force firefighting equipment is not obstructed or restricted.

**3.5 For Navy boats and craft the SUPERVISOR may waive the requirements of 3.3. If authorized by the SUPERVISOR, a portable fire extinguisher (or an equivalent means for fighting a fire) in the immediate vicinity of where the work is performed can be used in lieu of fire main.**

4. NOTES:

4.1 The term "unmanned" is defined as without the physical presence of people in control; without a human operator.