

NAVSEA  
STANDARD ITEM

FY-18

ITEM NO: 009-34  
DATE: 18 NOV 2016  
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 shall include and identify the method for reporting fires, the shipyard firefighting facilities, equipment, and organization (paid or volunteer), the procedures for maintenance of clear fire lanes in the shipyard and on the piers, 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 shall be in place before start of work.

3.3.1.1 The number of manifolds shall 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 shall 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.

4. NOTES:

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