

NAVSEA
STANDARD ITEM

FY-24

ITEM NO: 009-34
DATE: 25 OCT 2022
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.