

NAVSEA  
STANDARD ITEM

FY-14

ITEM NO: 009-101  
DATE: **17 JAN 2013**  
CATEGORY: I

1. SCOPE:

1.1 Title: Requirements for Mooring, Entry to and Departure from Contractor's Facility; accomplish

2. REFERENCES:

2.1 845-6686999 Rev E, US Navy Vessel Water Depth, Mooring and Hull/Appendage Clearance Requirements for Transit and Berthing

2.2 DDS 582-1, Design Data Sheet, Calculations for Mooring Systems

2.3 S9086-TW-STM-010/CH-582, Mooring and Towing

2.4 UFC 4-159-03, Mooring Design

3. REQUIREMENTS:

3.1 Channels, berth, turning basin, and mooring shall comply with 2.1 and 2.2, using 2.3 and 2.4 for guidance.

3.1.1 Minimum water depth shall be maximum navigable draft plus 2 feet at mean low water.

3.1.1.1 The approach channel, vessel turning radius, and berth/pier shall be clearly marked with channel markers in areas where the 2 feet minimum does not extend beyond the minimum approach channel, vessel turning radius, and berth/pier requirements specified in 2.1.

3.1.1.2 Install temporary fixed reference points at each end of the approach channel and berth. The reference points shall mark the center of the approach channel and berth.

3.2 Maintain a minimum of 4 feet between the highest point on the ship and overhead projections at mean high water.

3.3 Maintain a minimum horizontal clearance of 17 feet 6 inches between each side of the ship's extreme beam (35 feet total) and any fixed structures such as bridges.

3.4 Submit one legible copy, in approved transferrable media, of a report listing results of the requirements of 3.1 through 3.3 to the SUPERVISOR 15 days prior to availability start date.

4. NOTES:

4.1 This item is for all ships over 100 feet in length entering contractor's facility.