

SOUTHEAST REGIONAL MAINTENANCE CENTER
LOCAL STANDARD ITEM

FY-22

ITEM NO: 099-58SE
DATE: 22 FEB
2021 CATEGORY:
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1. SCOPE:

1.1 Title: Heavy Weather Plan for Naval Station Availability; provide

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 Maintain a written Heavy Weather Plan that must be implemented during **each** storm, hurricane, and destructive weather, **including mooring calculations in accordance with 2.1 and 2.2, using 2.3 and 2.4 for guidance.** The Heavy Weather Plan must be submitted to the SUPERVISOR for review and acceptance. The contractor must have an approved, documented Heavy Weather Plan, in accordance with this Standard Item, in place no later than 15 days prior to availability start date. The Heavy Weather Plan will be subject to periodic conformity auditing by the SUPERVISOR throughout the contract.

3.1.1 Submit each updated or changed plan to the SUPERVISOR as they occur.

3.2 Ensure that the Heavy Weather Plan designates responsibility and implements procedures for prevention of damage to each naval ship, craft, barge, and lighter. Including each periods when a ship, craft, barge, and lighter at the naval facility require any opening to a hull or deck and when contractor owned/furnished floating equipment is tied alongside a ship, craft, barge, and lighter.

3.3 The plan must contain each specific responsibility and detailed action to be taken during each severe weather condition and Conditions of Readiness (COR) listed below:

3.3.1 Gale/Storm/Hurricane COR IV: Destructive wind is possible within 72 hours the Contractor must:

3.3.1.1 Verify each trailer is properly secured.

3.3.1.2 Accomplish a walk-down of each pier and ship location to identify equipment and material which must be secured or removed to a shop or off-base facility.

3.3.1.3 Arrange to remove each CONEX box, material, and equipment not currently in use to a shop or storage at an off-base facility.

3.3.1.4 Arrange to remove staging and/or wrapping that could present a hazard in high wind.

3.3.1.5 Arrange for disposal of non-hazardous waste and removal of each FRAC tank. Notify the SUPERVISOR of proposed disposition.

3.3.1.6 Arrange to move stored waste in each container/drum awaiting designation, from a base-approved staging site to a contractor's secure building on base.

3.3.1.7 Arrange to remove each CONEX box holding hazardous waste/material to a contractor's secure location on base.

3.3.1.8 Report to the SUPERVISOR when each preparation for COR IV is complete.

3.3.2 Gale/Storm/Hurricane COR III: Destructive wind is possible within 48 hours the Contractor must:

3.3.2.1 Remove and secure each FRAC tank from each pier area.

3.3.2.2 Remove each portable work area, CONEX box, crane, temporary equipment, and temporary trailer, including all material from each pier to a contractor shop area or off-base facility.

3.3.2.3 Remove staging and/or wrapping from the vessel that could present a hazard in high wind.

3.3.2.4 Remove all hazardous waste/material from the pier to proper facility.

(V) (G) "PIER WALKTHROUGH"

3.3.2.5 Conduct a walkthrough of the pier with the SUPERVISOR to verify each hazard has been removed and each requirement of COR III has been achieved. Document each discrepancy/exception on the checkpoint form.

3.3.3 Gale/Storm/Hurricane COR II: Destructive wind is possible within 24 hours.

3.3.3.1 Accomplish a final walk-down of each pier and ship location to verify each equipment and hazard is removed from the pier and each discrepancy/exception noted in 3.3.2.5 is corrected.

3.3.3.2 Report to the SUPERVISOR and Government Contracting Officer in writing via email when each preparation for COR II is complete.

3.3.4 Gale/Storm/Hurricane COR I: Destructive wind is possible within 12 hours or less.

3.3.5 Thunderstorm/Tornado Condition II: Destructive wind accompanying the phenomenon indicated are reported or expected in the general area within 6 hours. Lightning and thunder are also anticipated.

3.3.6 Thunderstorm/Tornado Condition I: Destructive wind accompanying the phenomenon are imminent. Lightning and thunder are also anticipated.

3.4 Ensure that the plan contains, as a minimum, the information as dictated by each condition listed in 3.3 and considering each major storm and Hurricane Category 1 through 5 as delineated by the National Oceanic and Atmospheric Administration (NOAA).

3.4.1 Each step to be taken to remove or secure each contractor furnished staging item or equipment, including each crane that could become windborne, on deck of any ship, craft, barge, and lighter, or pier.

3.4.2 Protection of each ship, craft, barge, and lighter from damage from contractor furnished floating equipment, such as each barge, doughnut, and work float.

3.4.3 Each provision for protection of government equipment and material in custody of the contractor from damage by pier side flooding.

3.4.4 Each provisions for removal of each temporary hose, welding line, air line, oxygen/acetylene line, etc., extending through a watertight closure.

3.4.5 The name and telephone number (business and residential) of the private contractor's single point of contact. This person must have the authority to commit the contractor to take each necessary action as requested by the SUPERVISOR.

3.2 Submit each updated or changed plan to the SUPERVISOR as they occur.

4. NOTES:

4.1 The SUPERVISOR will set each Condition of Readiness consistent with each forecast and advisory of the local Weather Service Office of NOAA.

4.2 NOAA defines 5 categories of a hurricane as follows:

<u>CATEGORY</u>	<u>WIND SPEED</u>		<u>STORM SURGE</u>
1	74 - 95 MPH	OR	4 - 5 FT ABOVE NORMAL
2	96 - 110 MPH	OR	6 - 8 FT ABOVE NORMAL
3	111 - 130 MPH	OR	9 - 12 FT ABOVE NORMAL
4	131 - 155 MPH	OR	13 - 18 FT ABOVE NORMAL
5	GREATER THAN 155 MPH	OR	GREATER THAN 18 FT ABOVE NORMAL