



MANAGEMENT SYSTEM MANUAL

OCN 7.9.1 R/V Oceanus Overboarding Procedures

Originator:

Lawrence T. Bearse

Approved By:

J.L. Coburn Jr.

1. Purpose

The purpose of this procedure is to set forth guidelines for Overboarding on the R/V Oceanus.

2. Scope

Overboarding on Oceanus is not a standard procedure but differs continually and is dictated by several factors including but not limited to; instrumentation, weather, sea state, objectives, handling characteristics and project requirements. Safety is always the first consideration. All hands involved in overboarding operations shall be required to wear and make use of safety equipment and clothing as required by the operation at hand and to observe safety procedures as set forth and under the direction of the "deck boss". All personnel involved with overboarding operations will wear PFD

This procedure covers overboarding procedures with the exception of CTD Operations, small boat operations and trawl operations. These are covered under separate procedures.

3. Responsibility

The deck boss is usually the Bosun or Chief Mate. Other persons may be selected as set forth in the "plan". All other persons not directly involved with the evolution shall remain clear of the work area.

4. General

Prior to engaging in overboarding operations, a plan shall be established. The plan will evolve from information supplied by the Chief Scientist or his/her designee outlining the objectives and intentions as well as methods and equipment to be used. This information, as presented to the Chief Mate/Bosun, will be discussed, issues considered, accepted or modified, as needed, to ensure maximum reasonable methods to safely accomplish the task at hand. The plan will consider, and where applicable, provide for a fall back or back up plan to cover contingencies. Once agreed upon, it will be presented to the Master for final approval. The presentation may be in the form of a verbal plan or the Master may require a written overboarding form to be completed.

Ground rules:

1. All overboarding procedures will be under the direction of the Bosun or Chief Mate or their designee.
2. In addition to the person in charge, the crane operator/winch operator may halt operations if it is observed that persons directly involved are not complying with safety procedures or misusing equipment.



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3. Any person directly involved with an overboarding evolution may halt the process if they think the procedure is unsafe or the distinct potential exists.
 4. If operations have been halted, the situation will be assessed and corrective action will be taken. When deemed safe, the modified or corrected plan/procedure will continue.



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R/V OCEANUS OVERBOARDING PLAN

This form to be completed by the Chief Scientist or his/her designee prior to loading overboarding equipment or instruments intended to be used by the science party as part of the overboarding process. The intention is to identify the intended task, the intended procedure to accomplish the task and to serve as situational awareness for all persons involved as well as to insure that all overboarding gear is in compliance with ISM standards as required **

Cruise #: _____ Date: _____ Chief Scientist: _____
 Brief description of the event: _____

Has this been done before y n on Oceanus? y n. Are there an adequate number of properly trained persons within the science party to safely conduct the intended task? y n

01. Are tools and equipment, which your project provides, in compliance with ISM standards? y n
02. Have you presented current, accurate and up-to-date certificates or certify that the data plates and WLL as presented are accurate for the tools and equipment to be used? y n
03. Have the members of the science party actively involved in the overboarding process been provided with the required safety equipment? y n *
04. Have all persons actively involved in the overboarding process read the ship's procedures referenced to this? y n
05. Have the members of the science party actively involved in the overboarding process received proper training to attend to the task at hand? y n
06. Other than the ship's Bosun, will you require the services of additional ships crew? ___crane operator ___winch operator _____others? Please list _____

07. Please estimate the amount of time the event is expected to take: _____
08. The plan outline . Continue on reverse if needed: _____

Chief Mate/Bos'n: Prior to approval, given any manpower requests from ship's force, an assessment must be made to ensure that we will be in compliance with applicable STCW requirements for proper rest periods in order to maintain required manning levels for watches.



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Submitted: _____ Chief Scientist
Approved: _____ Bosun
Approved: _____ Chief Mate

Approved: _____ Master

Additional requirements as a condition of approval: _____

Comments _____

*The ship or the science group depending upon the requirement may provide safety equipment. Examples of safety equipment include but are not limited to;

Safety glasses, safety shoes, ear protection, hard hats, safety floatation vests, cold weather floatation suits, gloves, boots, portable communication equipment, lighting, reflective tape, safety harness etc.

** Examples of gear and equipment provided by the science party to be used for overboarding operations would include but are not limited to;

Winches & wire, blocks, sheaves, davits, booms, cables, struts, gin poles, portable cranes, generators, power packs, custom built devices or prototype equipment. If in doubt, or if there are questions, it would be prudent to address these issues well in advance to the scheduled cruise date in order to prevent delays in the load out process.