1. PURPOSE

To define and inform all personnel of the handling and disposal of refuse on and from the Vessel.

2. SCOPE

This procedure is applicable to all personnel embarking on the vessel.

3. RESPONSIBILITY

The Chief Mate is responsible for the compliance of this plan.

4. PROCEDURE

4.1. All plastic and paper waste will be kept on board for proper disposal either by Incineration or disposal ashore. Separate bins are provided for the collection of plastic and paper waste. Deck Department personnel will gather plastic and paper waste from collection points around the ship. If the vessel is operating in an area where Incineration is not possible plastic and paper waste will stored and labeled for disposal when the vessel returns to port. Incinerated ash will be retain onboard for disposal ashore.

4.2. Degradable trash will be dumped overboard when operating beyond 15 nm miles from coastline, except that degradable trash, which may remain afloat for some time, will not be dumped until the ship is beyond 30 nm from land.

4.3. Separate bins are provided for the collection of degradable trash. Deck Department personnel will empty bins and by inspection will ensure that plastics have been sorted. Degradable trash will be stowed on deck in a location specified by the Chief Mate or in clearly marked container for disposal ashore. Once or twice daily when it is safe and legal to do so, degradable trash will be dumped overboard and plastic bags retained on board for disposal with plastic materials.

4.4. Engine Room staff will be responsible for removing trash from engineering spaces, ensuring that plastics and paper are properly separated from degradables and stowing such trash in proper areas.

4.5. Food scraps will be treated as degradable trash and subject to the same dumping regulations as degradable trash unless ground in the garbage grinder. If ground in the garbage grinder the food scraps may be discharged beyond 6 nm of land. Galley staff will be responsible for removing trash from Galley and Mess room spaces, ensuring that plastics and paper are properly separated from degradable and stowing such trash in proper areas.
5. **COMPLIANCE AND RECORD KEEPING**

5.1. This Waste Management Plan is promulgated in accordance with Annex V of the international MARPOL treaty entitled “Regulations for the Prevention of Pollution by Garbage from Ships” and a law which appeared in the Federal Register on May 2, 1990 requiring ships to have a written waste management plan. On April 19 1994 the USCG issued regulations requiring a record of all refuse discharges from ships in order to promote and demonstrate compliance with above rules (this is mandated by 33 CFR 151). This plan is intended to meet and in some cases exceed the requirements of these laws.

5.2. Permission must be obtained from the Bridge to dump trash or Incinerate trash. The Mate on watch shall make an entry in the Garbage Log (Form MCEP-2.1-01-F1) noting the date, time, position, type of trash, and the distance from the nearest land. When the vessel is in port an entry is made indicating type and amount of trash discharged ashore and this also may be a daily entry in the Garbage Log.

6. **PROMULGATION**

Scientific personnel are informed of these procedures at the beginning of each cruise at the safety and orientation meeting. Crewmembers are reminded of these procedures at drills and safety meetings. This policy is posted at various locations around the ship.