



MANAGEMENT SYSTEM MANUAL

KNR 7.5.8 R/V KNORR WASTE OIL- SEWAGE-TRASH

Originator:

Kent Sheasley

Approved By:

Albert F. Suchy

1. Purpose

The purpose of this procedure is to standardize Waste Oil, Sewage and Trash stowage and disposal aboard R/V Knorr.

2. Responsibility

With the knowledge and approval of the Master;

- A. The Chief Engineer is responsible for Waste Oil management and disposal.
- B. The Chief Engineer is responsible for management, treatment and disposal of sewage.
- C. The Chief Mate is responsible for management, storage and disposal of Trash.

3. References

- A. CFR 46 Subchapter U, and applicable sections
- B. RVOC Safety Training manual
- C. MARPOL 73/78 Regulations

4. General

When disposing of waste oil, sewage and trash on board Knorr, refer to the references listed above;

A. Waste Oil – MARPOL 73/78 Regulations

1. Waste Oil Tank – Product in:

- a. Main Engine Oil, pumped directly to Waste Oil Tank
- b. Fuel oil purifier service, @ 5 gallons
- c. Various machinery sump oil and Hydraulic tank oil
- d. Oily Water Separator, direct discharge to Waste Oil Tank

2. Waste Oil Tank product out:

- a. Line up valves in Engine Room and Main Deck forward hanger. Discharge to the shore-based facility using Waste Oil Transfer pump.

B. Sewage – Marine Sanitation Device & Holding Tank

- 1. 12 miles or less from shore – grey water & sewage to MSD



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C. Trash

1. Adhere to MARPOL 73/78 regulations for ocean dumping.
 - a. Separate plastics, and other materials not allowed to be dumped and store them in the trash containment van until next port call.
 - b. Retain receipt for trash discharged ashore, enter in refuse log.
 - c. Maintain accurate log of all discharges for inspection by US Department of Agriculture, or local authorities.

D. Anti-Freeze

1. Because it is standard company policy to recycle wherever practicable, any shipboard environmentally harmful anti-freeze that needs to be recycled shall be collected in DOT barrels until reaching port (preferably WHOI). The Port Office will need to be informed to contact an environmentally friendly recycling company. Once in port, the recycling company will exchange empty DOT barrels for those containing the anti-freeze to be recycled.

5. Reporting

Engineers shall record entries for waste oil in the Ship's Oil Record Book. This book shall remain in the engine room.

A Refuse Log is maintained and kept on the bridge. Permission must be obtained from the watch officer before dumping of trash is allowed in order to ensure compliance with regulations and to prevent harm to the science project.