



MANAGEMENT SYSTEM MANUAL

ARM 7.5.8 R/V ARMSTRONG WASTE OIL- SEWAGE-TRASH

Originator:

Kent Sheasley

Approved By:

Al Suchy

1. Purpose

The purpose of this procedure is to standardize Waste Oil, Sewage and Trash stowage procedures as well as trash disposal aboard R/V Neil Armstrong.

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, stowage and/or incinerating of trash.

3. References

- A. CFR 46 Subchapter U, and applicable sections
- B. RVOC Safety Training manual
- C. MARPOL 73/78 and Annex V Regulations
- D. R/V Neil Armstrong Waste Management Plan

4. General

When disposing of waste oil, sewage and trash on board R/V Neil Armstrong, 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 Annex V regulations for dumping of food. All other garbage must be retained aboard for stowage or incineration.

SEE R/V Neil Armstrong Waste Management Plan

5. Reporting (See R/V Neil Armstrong Waste Management Plan)

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 food or incinerating of garbage is allowed in order to ensure compliance with regulations and to prevent harm to the science project.