



GREEN ENGINE ROOM

VEDAM DESIGN & TECHNICAL CONSULTANCY PVT LTD.

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Why Green Engine Room....

Green engine room in the ship ensures :

- ⇒ Enhanced waste management system.
- ⇒ More user friendliness – encourages compliance.
- ⇒ Overboard discharge within limits of 5-10 ppm.
- ⇒ Compliance with latest and most stringent regulations (EU norms).
- ⇒ Efficient operations-reduced man-hours
- ⇒ Reduction in maintenance

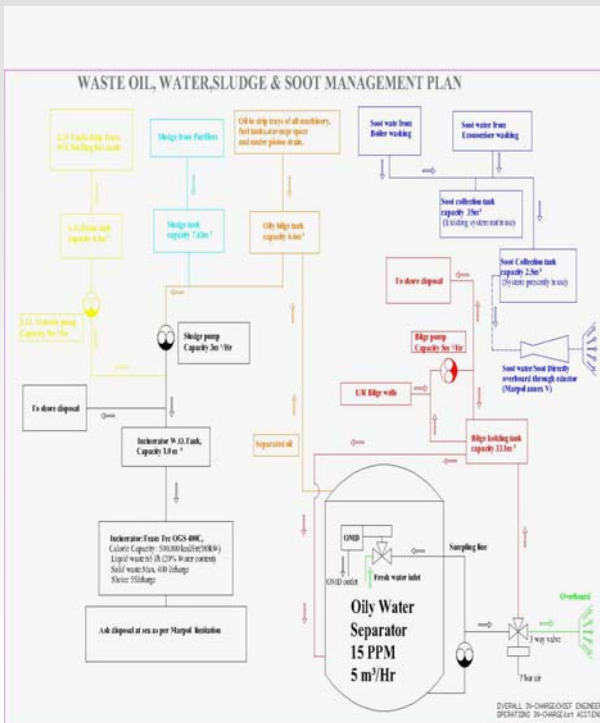


Why vedam

Vedam provides an integrated waste oil management plan which can be implemented for the whole fleet.

The full package includes feasibility study, planning, development of operational procedures and implementation of a common waste management system throughout the fleet.

Vedam has an excellent pool of well qualified Naval Architects and Design Engineers capable of understanding the owner's need and providing customized solutions.



How to do this

Analysis: An extensive analysis of the existing systems is done to design a highly efficient waste management system. Various factors like regulations governing the Engine room waste streams, guidelines for pollution prevention equipment for Engine room bilges and operational problems are considered during the design.



Development: Based on the inputs from the analysis, an integrated waste oil management plan is developed. Depending on the client's request, this plan can be made very generic in nature and can be implemented on all the vessels of the fleet.

Implementation: Vedam provides a complete strategy for the implementation of the integrated waste oil management system. This includes design and approval of the ship specific plan, appointing vendors & suppliers and supervision during installation. Vedam also has vast experience in preparing and getting approvals for various waste management manuals.



We provide integrated waste oil management....

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Key features

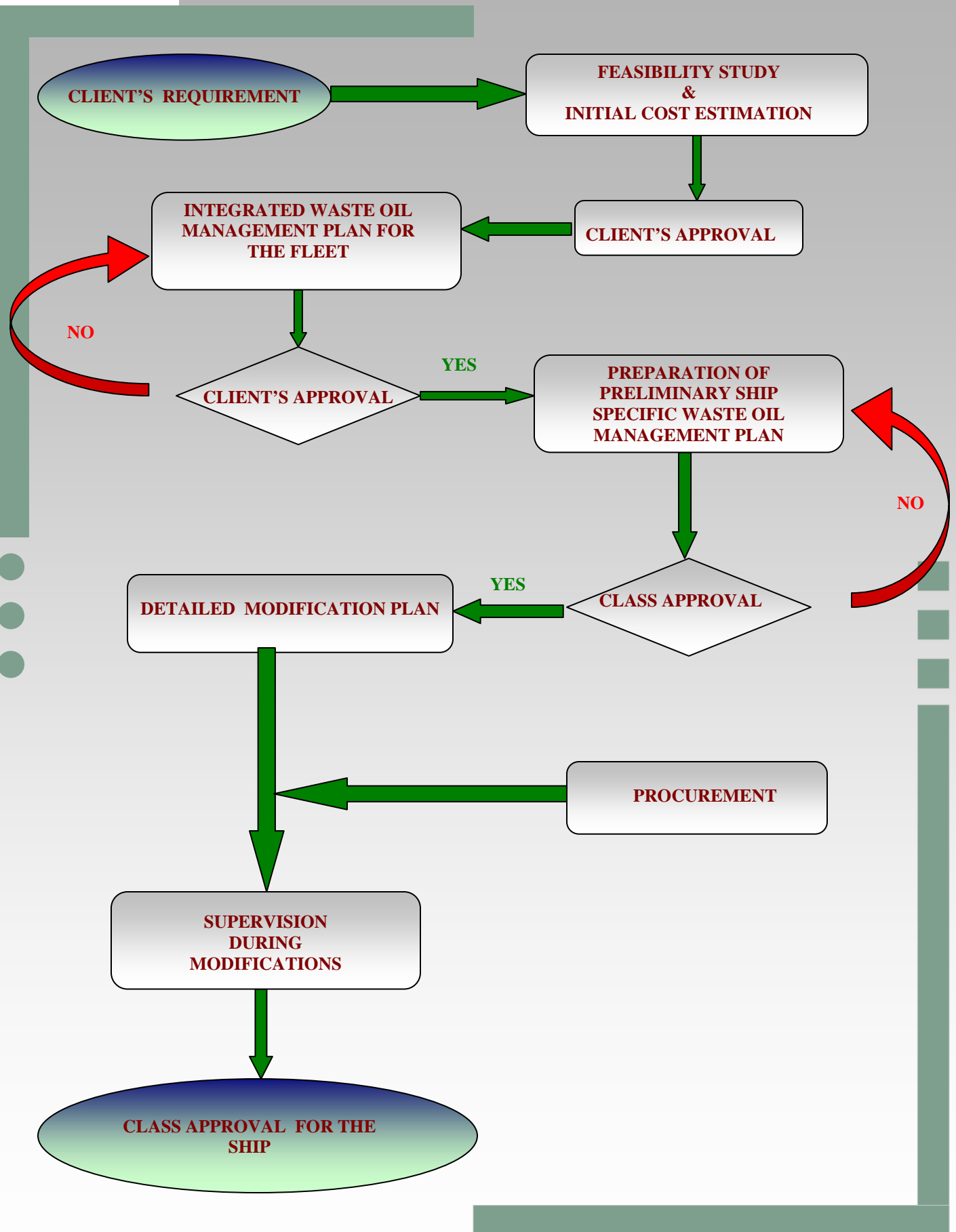
Bilge management plan: The presence of oil content and discolored water restrains the discharge of bilges and increases OWS running hours. A good bilge management plan ensures cleaner bilges, thus reducing the time and effort taken for discharge. Main characteristics of this plan is:

- Rearrangement of drain lines to suit the system
- Installation of primary bilge tank
- Introduction of an extra CJC filter between OWS and ppm monitoring system.
- IT based white box system for shore based monitoring and documentation of the bilge discharge operation.



Sludge management plan : Poor management of sludge leads to longer working of incinerator and increased man hours. A good sludge management plan ensures higher and efficient use of incinerator by :

- Reducing the number of incinerator running hours.
- Reducing the amount of water content in the sludge going to the WO service tank.



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Similar services offered...

- ◆ Product to chemical tanker conversion.
- ◆ Escort tug module
- ◆ Revised MARPOL Annex II
- ◆ Ballast water management plan
- ◆ FRP boat design
- ◆ Monitoring module for engine room tanks to ensure MARPOL compliance

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