

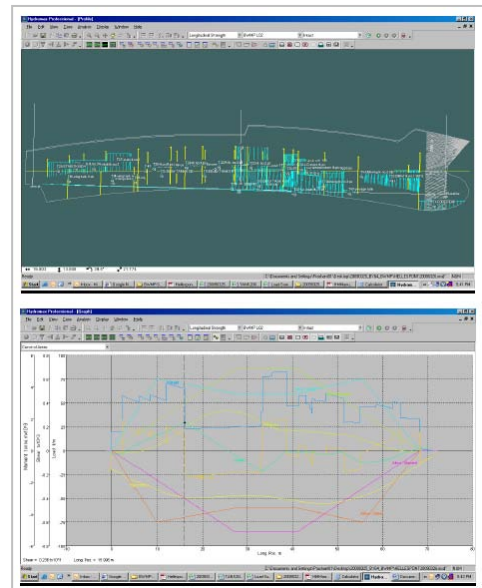
Zebec prepares statutory and ship specific manuals for both new build vessels and all types of ships in-service.

We use our Class approved software to compute various data required to prepare the manuals. The Manuals prepared comply with the relevant Classification Society, Flag state and National requirements.

Zebec will obtain Classification Society approvals on behalf of the Client.

## ➤ Statutory Manuals and Booklets

- SMS manuals (as per the ISM code)
- Trim and Stability booklet
  - Intact stability booklets
  - Damage stability booklets
- Emergency towing booklet/ procedures
- Damage control booklet
- Cargo securing manual
- Procedures and arrangements manual
- Shipboard marine pollution emergency plan (SMPEP)
- Shipboard oil pollution emergency plan (SOPEP)
- Garbage management plan
- Vessel General Permit (VGP) for Vessels calling US ports
- Ship Security Plans (SSP)
- Ballast Water Management Plan
  - Software used: "Maxsurf" / "Hydromax"
  - Meets the recommendations of the IMO Assembly Resolution A.868 (20) – "Guidelines for the Control and Management of Ship's Ballast Water to minimize the transfer of harmful aquatic organisms and pathogens" adopted on 27th November, 1997
  - Meets requirement of "International Convention for the Control and Management of Ship's Ballast Water and Sediments" adopted on 16th February, 2004
  - Our manuals have been approved by Classification Societies.



## ➤ Ship Specific Manuals

Zebec also prepares the under-mentioned ship specific manuals and obtains approval for these on behalf of Owners.


- Clean design manual
- Fuel management plan
- Refrigerant management plan (for EP notation vessels)
- Vapor emission control system (VECS) manual
- SOLAS training manuals for LSA and FFA (as required by SOLAS Chp II-2 & III)
- Training manual for life saving appliances
- Risk Assessment manual for ships (Part of ISM code)
- Fire fighting operation manuals for FI-FI vessels
- STS operation manual (for Ship to Ship transfer operations, mandatory from Jan 2011)
- Manual for Low flashpoint liquid handling
- Shipboard Energy Efficiency Management Plan (EEDI) manual

➤ **Statutory Plans and Flag State Documentation:**

- Tonnage plan
- Loadline plan
- Life saving appliances plans (LSA)
- Light sound and shape signal plan
- Navigational bridge visibility plan
- Fire control plan (FCP)
- Structural fire protection plan (SFP)
- Crew accommodation plan
- GMDSS layout and antenna plan
- SOPEP, SMPEP, SSA, SSP

DET NORSKE VERITAS

EINGANG 27. JAN. 2009



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Your ref: MNBNA843/EGIL/D27405-J-577

Our ref: MNBNA843/EGIL/D27405-J-577

Date: 2009-01-22

Reference is made to your email dated 2009-01-22. Please find enclosed the following drawing:  
- Three (3) copies of the approved SMPEP front page stamped 2009-01-22.

Drawing No.	Rev.	Title	Code	Status
		Shipboard Marine Pollution Emergency Plan (SMPEP)	950.12	Approved

SMPEP is approved with respect to MARPOL 73/78, Annex I, Reg.37 and Annex II, Reg.17 in compliance with IMO Resolution MEPC.85(44).

*Comment:*  
Introduction and Section 4: Vessel reporting Procedure: Please amend reference to former Reg.26 of Annex I and Reg.16 of Annex II to Reg.37 of Annex I and Reg.17 of Annex II.  
Page 21- Flowchart: Initial Report Res. A.851(20) as amended by MEPC.138(53) as a consequence of change of Chem.Codes.  
You are kindly requested to distribute SMPEP as appropriate.  
Our file is updated accordingly.  
Yours faithfully,  
for Det Norske Veritas AS


M. Roger Skovig  
Head of Section  
MARPOL

Egil Andresen  
Responsible Approval Engineer

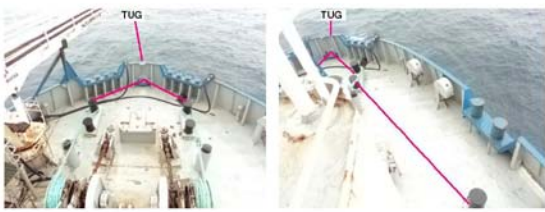
Corporate Headquarters: Det Norske Veritas AS, 1322 Høvik, Norway - www.dnv.com

9108471DNV - 338 33 027405-J-577

ZMCS-204-553-ETB-Rev 0  
Emergency Towing Booklet



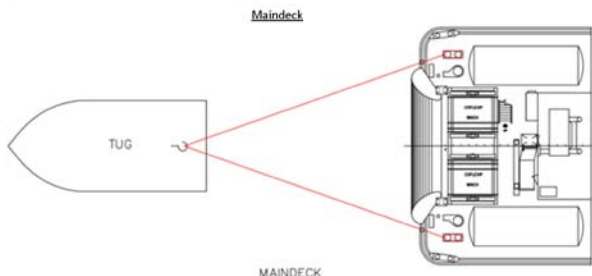
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December 27, 2011  
ZMCS



**3.2 Towing from the stern**

Use tow ropes and bollards.

Connect the tow ropes through the port & stbd fairleads to minimum two bollards as shown in the figure below in order to distribute the towing forces.



Emergency Towing Booklet -

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