



ISM  
=  
Is Safety  
Manageable?

November 2010

**ROOD** BOVEN **GROEN**



# Safety Management Systems

Doug Prothero

- Vice Chairman and Trustee of Sail Training International

Stephan Kramer

- Member of Class A Forum
- Captain WYLDE SWAN

November 2010

**ROOD BOVEN GROEN**



## **Safe Management for STVs Sail Training International**

November 12 2010 Stavanger

# International Safety Management

- ① 1. to safeguard the shipmaster in the proper discharge of his responsibilities with regard to maritime safety and the protection of the marine environment.
- ② 2. appropriate organization of management to enable it to respond to the need of those on board ships to achieve and maintain high standards of safety and environmental protection.
- ③ 3. There is increased demand by many by flag states for the development of mini ISM culture and programs for smaller tonnage and domestic fleets.



# Mini SMS Template

## What is STI doing about it?

- ① 1. Developing a template that will be available at no cost on the STI website for all STV operators.
- ② 2. We are developing the template in conjunction with Stephan Kramer of Rood Boven Groen (Netherlands).
- ③ 3. It will be available on the STI website by early January.



# The difference between theory and practise

- RI&E
- Safety Commission
- Drills & Exercises
- Contingency Plans

November 2010

**ROOD BOVEN GROEN**



# Combine theory and practise

- Good seamanship
- Common sense
- Sophisticated Situational Awareness
- Road book
- Correct maintenance

November 2010

**ROOD BOVEN GROEN**



# Combine theory and practise

- Road book = ISM manual
- Correct maintenance = preventive and planned maintenance instead of breakdown maintenance

# Combine theory and practise

- Road book = ISM manual
- ISM LITE =
  - Part A = Procedures
  - Part B = Checklists, Emergency Flowcharts and Formats
  - Part C = Maintenance

# Combine theory and practise

- Procedures

## ISM Lite Safety Management Manual Part A

Index	Page
Revisions	2
1 GENERAL	3
1.1 The Company	3
1.2 Ships details	3
2 SAFETY AND ENVIRONMENTAL-PROTECTION POLICY	3
2.1 Company safety and environmental-protection policy	3
3 COMPANY RESPONSIBILITIES AND AUTHORITY	4
3.1 The Company	4
3.2 Operation of the vessel	4
3.3 Organisation structure	4
4 DESIGNATED PERSON	4
5 MASTER'S RESPONSIBILITY AND AUTHORITY	4
6 RESOURCES AND PERSONNEL	5
6.1 The Master	5
6.2 Ships personnel	5
6.3 Familiarisation of new ships personnel	5
6.4 Information to ships personnel	5
6.5 Training ships personnel	5
6.6 Working language	5
6.7 Duties ships personnel	5
7 SHIPBOARD OPERATIONS	6
7.1 Departure	6
7.2 Safety briefing passengers	6
7.3 The registration passengers	7
7.4 Garbage management	7
7.5 Oil and Sludge Pollution prevention	7
7.6 Work deliberation	7
7.7 Safety Committee	7
8 EMERGENCY PREPAREDNESS	7
8.1 Emergency flowcharts	7
8.2 Critical equipment	8
8.3 Drill schedule Training Shipboard personnel	8
9 REPORTS AND ANALYSIS OF NON-CONFORMITIES, ACCIDENTS AND HAZARDOUS OCCURRENCES	8
10 MAINTENANCE OF THE SHIP AND EQUIPMENT	8
11 DOCUMENTATION	8
11.1 SMM distribution list	8
11.2 Documentation on board	9
11.3 Changes on the SMM and other documents	9
12 COMPANY VERIFICATION, REVIEW AND EVALUATION	9
12.1 Internal audit	9
12.2 System review	9

November 2010

# Combine theory and practise

- Checklists
- Emergency Flowcharts
- Formats

## ISM Light Safety Management Manual Part B

### Checklists, Emergency Flowcharts and Formats

#### **Checklists**

The use of the checklist must be recorded in the logbook.

- Checklist 1 "Familiarisation new crewmember"
- Checklist 2 "Prepare for sea, prepare bridge"
- Checklist 3 "Prepare engine room"
- Checklist 4 "Voyage preparation"
- Checklist 5 "Bunkering fuels"
- Checklist 6 "Standing orders bridge"

#### **Emergency Flowcharts**

- Emergency Flowcharts 1 "Stranding or Grounding"
- Emergency Flowcharts 2 "Collision"
- Emergency Flowcharts 3 "Abandon ship"
- Emergency Flowcharts 4 "Man over Board"
- Emergency Flowcharts 5 "Wounded or Sick Person"
- Emergency Flowcharts 6 "Oil Spill"
- Emergency Flowcharts 7 "Fire"

#### **Formats**

- Format 1 "Voyage preparation"
- Format 2 "Crew list/Passenger list"
- Format 3 "Drill schedule"
- Format 4 "Emergency Drill schedule"
- Format 5 "Muster list"
- Format 6 "Internal audit"
- Format 7 "System review"
- Format 8 "Maintenance Schedules"

# Combine theory and practise

## Correct maintenance Part C

Maintenance schedule Sailing Vessel "XXX"					
Ships particulars					
Name	XXX				
Call Sign					
MMSI no					
IMO no					
Register no					
Certificate of Registry no					
Sat com no					
LOA					
LOD					
LWL					
Breadth					
Depth					
Vertical clearance					
Gross reg. tons					
Net reg. tons					
Displacement				Running hours	
Builder				Main Engine	2999
Year built				Genarator 1	3000
				Genarator 2	3000
		Gear box	2998		

November 2010



- Digital ISM LITE

March 2010

**ROOD BOVEN GROEN**



March 2010

**ROOD BOVEN GROEN**