

FMSL SAFETY ALERT

JANUARY 2010



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What's New

In the News...

Lifeboat Drills

Paris MOU carried out 5,749 port state control (PSC) inspections. As a result of these inspections, 80 ships were detained due to serious deficiencies with their lifeboat launching appliances and/or procedures. Overall, one in eight lifeboat drills was not performed satisfactorily.

Technology Update

A forward-looking sonar has been installed aboard a British-operated tanker as a major initiative to refine operational safety. It is intended to provide a three-dimensional image of the sea up to 1 km ahead of the vessel. It is the first application of ground avoidance sonar by a tanker operator which is aiming to set new standards of safety for the industry.

A Bridge Navigational Watch Alarm System (BNWAS) monitors bridge activity and detects operator disability which could lead to marine accidents. The system monitors awareness of the Officer of the Watch (OOW), and automatically alerts the Master if the OOW becomes incapacitated. The carriage requirements are effective no later than the first survey after 1 July 2012.

The Price of Pollution

The owner of a foreign flag bulk carrier was fined \$1 million for failing to maintain accurate oily water discharge records, and for using falsified documents to conceal the discharge at sea of untreated bilge slops. The C/E and 2A/E were also sentenced to 3 months of probation.



Going Ashore? All ships must regularly inspect and maintain their means of embarkation and disembarkation (such as accommodation ladders and gangways) in accordance with SOLAS II-1/3-9 as of 01 Jan 2010. The guidelines address installation, maintenance, and operational testing during surveys. Under the new regulation, gangways and accommodation ladders on all ships (new and existing) will be subject to annual surveys carried out on/after Jan. 1, 2010, to confirm proper operation of the ladder, gangway and winch, as appropriate. Initial tests are to be carried out for new installations. All installations are subject to load tests carried out at 5-year intervals using the maximum operational load. *Please ensure wire ropes used on accommodation ladders are included in your onboard maintenance program and within wire rope records.*

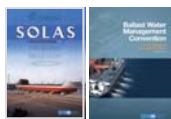
Marshall Islands. MI issued special requirements for safety equipment:

1. Embarkation arrangement for remotely located survival craft (A knotted rope is not acceptable as "other means of embarkation".)
2. Falls used in launching Life-saving appliances (Wire-rope grips are not acceptable.)
3. A minimum of 2 lifejackets and 2 immersion suits for remotely located survival craft.



NPDES. Vessels entering U.S. waters are required to comply with the Vessel General Permit (VGP) for discharges incidental to the normal operations of a vessel promulgated by the U.S. Environmental Protection Agency (EPA). After 6 February 2010, vessels will need to provide documentation of inspections and reporting requirements of the VGP prior to entering U.S. waters. (73 Fed Regulation 79473)

IMO Publications. IMO has released SOLAS Consolidated Edition 2009. It contains all amendments through 1 July 2009. *Please work with Dave Duncan to ensure this mandatory publication is provided.* In addition Guidelines for the implementation of the Ballast Water Management Convention has been issued. *FMSL will be updating your Ballast Water Management Plans in accordance with these guidelines.*



DP/CSO Journal

Hello and I want to wish all hands a happy, safe and prosperous 2010! During this year I would encourage everyone to think about the basics of personal safety. With that goal in mind there is a new column on page 2 of the Safety Alert—*Safety Equipment Basics*—please review this information on hearing protection closely. Congratulations to everyone working onboard FMSL ships for completing a full year without a

Lost Time Injury. Each person should be very proud for being part of this great achievement. I do not want anyone to think that safety is easy because it is not. Safety requires shipmates to be always working together and looking towards helping others to make sure each job is done safely. Please take the time to discuss the daily work in the morning and again after the mid day break to help reduce the chance of accidents.

Please find attached the FMSL Management System Plan for 2010. This plan is how FMSL schedules internal audits for each ship, tracks audits and exercises in the office and marks major reporting events for the SMS. Please review and let me know of any questions.

Safe Voyages!

William Tomalonis

Designated Person Ashore and
Company Security Officer



Safety Equipment Basics

Hearing Protection

There are two rules: First, if you have to raise your voice to talk to someone who is an arm's length away, then the noise is likely to be hazardous. Second, if your ears are ringing or sounds seem dull or flat after leaving a noisy place, then you probably were exposed to hazardous noise. FMSL SPM 04~6 2.(f.) states: "Hearing protection **shall** be worn whenever working in the Engine Room or other areas where high noise levels can be experienced. The following types of hearing protection are approved for use by the Company: **1)** Ear muffs are preferred, provided that the seals are kept clean and renewed as necessary; and **2)** Ear plugs are allowable only if they are the disposable type and discarded after one use. Placards shall be prominently posted at all entrances to spaces where the use of hearing protection is mandatory."

SMS Highlights & News

Harbel Tapper had no deficiencies during a recent annual Flag State inspection. Mr. Timothy Keegan wrote *"On behalf of the Marine Safety Division (Liberia), I wish to commend you, the vessel's crew and the owners for your maintaining such a high standard of safety on board."*

Sunbelt Spirit completed her annual Marshall Islands inspection. No outstanding deficiencies were noted. FMSL is very proud of this onboard result.

Harbel Tapper received a letter of appreciation from the USCG for their 14 Sep 2009 distress call response to the *Baltic Melody*. The letter concludes, *"On behalf of the US Coast Guard and the US Government, you and your crew are commended for your outstanding seamanship and unwavering commitment to safety of life at sea."*

Harbel Cutlass, Harbel Tapper and Sunbelt Spirit all earned a cash safety bonus for having no lost time accidents from 1 July 2009 through 31 December 2009. FMSL ships have not had a lost time accident in the Fleet since May 2008! As one FMSL Captain always reminds his crew:

"THINK SAFE, ACT SAFE, BE SAFE!"

Cargo Venting

Four accidents involving casualties in the last 2 years have occurred as a result of improper ventilation of cargo vapors. What was learned from these incidents includes:

- √ Procedural complacency.
- √ Failure to identify dangerous enclosed spaces.
- √ Rescuers acting on instinct rather than knowledge and training.
- √ Unfamiliarity with the Cargo MSDS.

Security Reminder

Due to recent events, heightened security measures have been implemented at all US Ports. Any perceived threats by US Boarding Officers will be handled swiftly. Thus, please consider the following reminders for all Officers and crew standing gangway watch:

- √ Always ask for picture identification, note name on visitors log and provide visitor identification badge,
- √ Escort boarding officers to the Master's office.
- √ Behave professionally, and treat the boarding officers with mutual respect.
- √ Do not joke about security related matters in any way.
- √ Never intentionally misrepresent any onboard condition to the boarding officers.

SMS Deficiency Reports

▶ **Deficiency** : No method to test for ammonia in latex tanks. Draeger tubes expired. No sampling extension hoses for Draeger aboard to test fumigated rice holds remotely.

√ **Corrective Action:** New tubes and extensions received Nov 09. Full face masks to be used

during peeling & cleaning of latex tanks. Initial cargo hold testing for phosphine will be done via tank vents. Subsequent testing via full face respirator inside cargo holds.

▶ **Deficiency:** No objective evidence that all categories of deficiencies are being reported to FMSL management

as per procedure.

√ **Corrective Action:** Technical Managers to ensure that managed ships initiate a deficiency report when any of the seven specified conditions occur: (Personnel Injury, Damage to Vessel or Equipment, Pollution Incident, Deviation from SMS Requirements, Violation of Regula-

tions, Hazardous Occurrence (Near Accident), & Unsafe Condition)

DEFICIENCY REPORTING IS AN IMPORTANT COMPONENT OF MAINTAINING A SAFE WORKING ENVIRONMENT AND SHARING INFORMATION. YOUR REPORTS WILL MAKE A DIFFERENCE IN THE FMSL FLEET!

Safety Meeting Topics

The **Chairman** of the Safety Meeting should consider the following items for inclusion in upcoming Safety Meetings:

- √ Review Abandon Ship procedures of SPM 02~1.
- √ Maintenance of lifeboat launching devices.
- √ Conduct generator operations training for respective crewmembers.
- √ Review and properly demonstrate latex tank atmosphere testing procedures after venti-

lating. Review the MSDS for latex and discuss the exposure limits. How would you safely rescue a fellow shipmate?

- √ Develop your next Safety and Security drills to utilize maximum crew participation and realism.
- √ Conduct pollution response drills to simulate bunkering & latex spills. Maximize crew participation and discuss a thorough debrief of the "lessons learned."

√ **Harbel Cutlass** to discuss safe working practices in shipyard. *Cutlass is scheduled for a special survey dry-docking during April/May 2010.*

√ Review with crew things your ship considers important to make the ship a safer place to work. FMSL is proud of our Lost Time Injury record and wants to all hands to always consider the safest way to complete a task by protecting the crew, cargo and the ship!

Safety Meeting Minutes

Monthly Safety Meeting Minutes submitted by each ship are excellent. The participation of all departments (Deck, Engine, Galley) at Safety Meetings allows the departments to work together. This helps improve the commitment to the safety and security needs of each ship. Each crewmember is the foundation of our charted course to shipping excellence.

THANK YOU & GREAT JOB!



SECTION 1 SCHEDULED EVENTS: [EVENTS HIGHLIGHTED IN YELLOW BELOW ARE SCHEDULED IN FOLLOWING THREE MONTHS]

Key management system events have been identified below – dates are subject to change except those marked by an asterisk*.

LOCATION	EVENT	SCHEDULED	ORGANIZATION
FMSL Roseland	Internal SMS Audit	8-10 Mar 10	SMSLLC
	Internal EMS Audit	8-10 Mar 10	SMSLLC
	ISM Mgmt Review	8-10 Mar 10	FMSL-SMSLLC
	EMS Mgmt Review	8-10 Mar 10	SMSLLC
	DOC (Liberia-MI-PAN) <i>Expires 28 Apr 2013</i>	11 Mar 10	ClassNK
	ISO 14001 <i>Office audit due in 2010</i>	13 July 10	EOA
	TTX Pollution	14 Sept 10	ECM or CSI
	TTX Security	14 July 10	SMSLLC
	Continuity Reviews	Bi-monthly	SMSLLC
	Manual Update Status	Semi-annual	SMSLLC / FMSL
Harbel Cutlass	Int. SMS-ISPS Audit	16 Feb 10	SMSLLC
	Ext SMS/ISPS Audit	3Q 2011	ClassNK
Harbel Tapper	Int. SMS-ISPS Audit	28 Sept 10	SMSLLC
	Ext SMS/ISPS Audit	3Q 2011	ClassNK
Sunbelt Spirit	Int. SMS-EMS-ISPS Audit	15 Mar 10	SMSLLC
<i>ISSC int 15.11.11 SMC int 19.9.10</i>	Ext. SMC Audit	17 May 10	ClassNK
<i>Last July 09,</i>	ISO 14001 External	July 2011	EOA
All Vessels	Personnel Evaluations.	1-May/Nov	FMSL
All Vessels	Master's Review	1-Jun/Dec	FMSL
All Locations	Safety Alerts <i>[Next due 31 Jan 10]</i>	Quarterly	FMSL /SMSLLC

2010

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Note: In addition – at least one **Vessel Condition Inspection** and one **Navigational Audit** for each ship to be performed during 2010.