

Drill Plans for Year 2015

I. SAFETY DRILLS

A. Lifeboat Liferaft & Emergency Steering Drills

Drill Description	Applicable to	Periodicity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Lifeboat moving from stowed position (not for free fall lifeboats)	All	Weekly	x x	x x	x x	x x	x x	x x	x x	x x	x x	x x	x x	x x
Lifeboat abandon ship - Lower life Boat to embarkation deck ⁺⁺ % Explain operation of Liferrafts ##	All	Monthly	09 X	X	X	X	X	X	X	X	X	X	X	X
Lower life Boat in water, maneuver & try out engine / sprinkler / on load release gear # % <i>(Ships to mark schedule here. First drill not more than three months from last drill in 2014)</i>	All	3 Mthly												
Training on launching procedures for Davit launched Liferrafts # <i>(Ships to mark schedule here. First drill not more than four months from last drill in 2014)</i>	All vsls with davit launched liferafts	4 Mthly				X				X				X
Drills for Free-fall type life boats *** ## <i>(As per SOLAS III-19/3.3.4- crew shall board the lifeboat, properly secure themselves in their seats and commence launch procedures up to but not including the actual release of the lifeboat (i.e., the release hook shall not be released. The lifeboat shall then either be free-fall launched with only the required operating crew on board, or lowered into the water by means of the secondary means of launching with or without the operating crew on board. In both cases the lifeboat shall thereafter be manoeuvred in the water by the operating crew). . (Ships to mark schedule here. First drill not more than three months from last drill in 2014)</i>	All vsls with free fall Lifeboats	3 Mthly	9 X			X			X			X		X
Drills for Free-fall type life boats *** ## <i>(At intervals of not more than six months, the lifeboat shall either be launched by free-fall with only the operating crew on board, or simulated launching shall be carried out in accordance with SOLAS III-19/3.3.4 MSC Circ 1206 Rev 1) (Ships to mark schedule here. First drill not more than six months from last drill in 2014)</i>	All vsls with free fall Lifeboats	6 Mthly						X						X
* Rescue boats (other than lifeboats which are nominated rescue boats). Lower in water & maneuver with assigned crew. <i>(Ships to mark schedule here. First drill not more than one month from last drill in 2014)</i>	All vsls fitted with dedicated rescue boats	Monthly	X	X	X	X	X	X	X	X	X	X	X	X
Emergency steering drill (SOLAS) (out at Sea / Approaching Port) <i>(Ships to mark schedule here. First drill not more than three months from last drill in 2014)</i>	All	3 Mthly		X			X			X			X	

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B. Fire and Explosion Drills

Drill Description ##	Applicable to	Periodicity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Fire in Galley (SOLAS)	All	6 Mthly	09 X						X					
Fire in Paint locker (SOLAS)	All	6 Mthly		X						X				
Fire in Accommodation (SOLAS)	All	6 Mthly			X						X			
Fire and Explosion in Engine Room (SOLAS) (include CO2 release simulation)	All	6 Mthly				X						X		
Explosion on board in fuel tank.	All	6 Mthly					X						X	
Fire in Cargo hold/Tanks - in port (SOLAS)	All	6 Mthly						X						X

C. Pollution Prevention drills

Drill Description	Applicable to	Periodicity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Cargo / Bunker oil spill near manifold due hose burst / leaking flanges (SOPEP) **	All	3 Mthly	09 X			X			X			X		
Bunker / cargo tank overflow ** (SOPEP)	All	3 Mthly		X			X			X			X	
Hull failure leading to Pollution (Bunker / Cargo) leakage (SOPEP)	All	3 Mthly			X			X			X			X

II. COMMON DRILLS FOR ALL VESSEL TYPES

A. Structural damage/Equipment failure drills

Drill Description	Applicable to	Periodicity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Grounding / Stranding / Beaching	All	3 Mthly	X			X			X			X		
Collision with another vessel in heavy traffic area.	All	3 Mthly		X			X			X			X	
M/E failure / breakdown - coastal voyages /congested waters, Open sea with request for salvage	All	3 Mthly			X			X			X			X
Electrical power supply failure in narrow waters	All	3 Mthly			X			X			X			X
Flooding in Cargo spaces/ Engine room both breached due to hull damage	All	6 Mthly	X						X					
Heavy weather damage to cargo Hold or Hatch Covers / Eqpt / Fittings and Deck Cargo	All	6 Mthly				X						X		
Breakaway from Jetty / Ship while transferring cargo	All	6 Mthly				X						X		
Loss of Stability during cargo operations	All	6 Mthly					X						X	

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B. Personnel Rescue drills

Drill Description	Applicable to	Periodicity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
First aid treatment for a Hypothermia case of a crew member and other First aid procedures e.g. burns, bleeding etc	All	2 Mthly		X		X		X		X		X		X
Holds, Engine room, Accommodation & evacuation to hospital by stretcher.	All	3 Mthly	X			X			X			X		
Rescue from Enclosed spaces. ^Δ (Dry ships - conduct rescue drill from any suitable enclosed space; Tankers - Conduct rescue drill from any suitable enclosed space/Pumproom)	All	2 Mthly		X		X		X		X		X		X
Search & Rescue, Man over board & Williamson Turn ^{xx} , Recovery of persons from water ^{****}	All	3 Mthly		X			X			X			X	
Casualty evacuation by helicopter	All	6 Mthly			X						X			
Cardio pulmonary Resuscitation (CPR) exercise	All	6 Mthly				X						X		
Recovery of Person from the water	All	3 Mthly				X			X			X		

C. Table top drills

Drill Description	Applicable to	Periodicity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
ECDIS failure drill - <i>ONLY for ECDIS certified vessels</i>	All	3 Mthly			X			X			X			X
Gyro, GPS, Radar and other e-navigation system failure drills	All	3 Mthly			X			X			X			X
equipment: Oil Mist Detector Failure,	All	6 Mthly		X						X				
Precautions during vessels visit to countries with Epidemic (<i>Only discussion</i>)	All	6 Mthly						X						X
Emergency Towing Arrangement (ETA) plan (<i>Only discussion</i>) @ @	All	6 Mthly			X					X				
Ballast water/Garbage/Sewage discharge in prohibited area	All	Yearly							X					
Death due to illness / injury	All	Yearly												X

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D. Ship Shore Safety Exercises (Refer also to General Instructions)

Drill Description	Applicable to	Periodicity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Call in Drill (<i>Refer General Instructions</i>)	All	2 Mthly	X		X		X		X		X		X	
Ship Shore Safety Exercise (<i>Ships to mark when carried out</i>) (<i>Vessel to mark type and when completed</i>)	All calling US	Yearly CFR												

E. Security Drills^{ss}

Drill Description	Applicable to	Periodicity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Attack from Seaward at berth / Anchorage and while at sea (Piracy) (<i>Try out Zig Zag Manuver</i>)	All	Yearly	X											
Security level 2 drill	All	Yearly			X									
Security Alert Level 3 on receiving advice from Flag / CSO	All	Yearly					X							
Stowaway on Board	All	Yearly							X					
Attempted hijacking of vessel including activation of citadel	All	Yearly									X			
Bomb threat / Bomb search, Damage to vessel by explosion, Arson or Sabotage.	All	Yearly											X	

F. Ship Shore Security Exercise (Refer also to General Instructions)

Drill Description	Applicable to	Periodicity	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
^^Ship Shore Security Exercise (<i>Ships to mark when carried out</i>)	All	Yearly												

Note: The Periodicity, Schedule and types of Security Drills are to be conducted as detailed in your SSP onboard with suitable substitution to the suggested drills (as above) where appropriate. Please consult your CSO in

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Notes:

****** When carrying out Bunker spill Drill one of these drills should preferably include a situation where the air pipes/sounding pipes are located in an inaccessible place to introduce a level of difficulty in containment of the overflow through them.

△ While carrying out Enclosed Space Rescue Drill, following checks to be completed

1) checking and use of personal protective equipment required for entry; 2) checking and use of communication equipment and procedures; 3) checking and use of instruments for measuring the atmosphere in enclosed spaces; 4) checking and use of rescue equipment and procedures; and 5) instructions in first aid and resuscitation

******* Refer to the attached MSC Circ. No. 1206 Rev 1 & 1207 for guidelines on actual launching or simulation Drills of free fall lifeboats.

xx To simulate recovery of persons from water do not throw any items in water e.g drum, wooden plank etc. (Marpol Annex. V requirements are not to be violated)

******** Refer to the attached MSC.1/Circ.1447 recovery of persons in a horizontal or near-horizontal ("deck-chair") position. Recovery in a vertical position should be avoided whenever possible.

***** SOLAS Reg 19.3.3.6. As far as is reasonable and practicable, rescue boats other than lifeboats which are also rescue boats, shall be launched each month with their assigned crew. If it was not possible to conduct this drill in any month a valid reason should be noted in the Deck log book.

- Instructions in the use of the ship's fire-extinguishing appliances, (fire drills) life-saving appliances and in survival at sea (Lifeboat drills) shall be given whenever the drill is conducted

\$\$ - Additional Security drills as required by the vessel's SSP must also be carried out

^^ Vessels frequently transiting GOA region should preferably carry out these exercises on a more frequent basis

@@ - Tankers may instead carry out an ETA drill

++ - Lowering the boat to embarkation deck is only applicable to Open lifeboats

Crew shall be given training on use of the ship's life-saving appliances in severe weather and severe sea conditions;

% - Masters must ensure that the FPD is fitted correctly at all times and particularly checked prior carrying out boat drills or maintenance work which involves moving the boat out of its stowed position. Crew must be trained in the use of FPD so that after launching the boat in water for drills, it is reconnected properly before hoisting the boat above the water level.

