

FLOODING

To be used in case of flooding. To be placed in Bridge and Engine Control Room.

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EMERGENCY CHECKLIST Flooding

A.	Action	Personnel Responsible	Completed
1.	Sound appropriate Emergency Stations signal & call Master.	Officer on Duty	
2.	Close all watertight doors.	Master / Ch. Officer	
3.	Crew to "stand-by"/ Muster crew to damage control stations.	Master / Officer On Duty	
4.	Main Engine(s) to stand-by, ships speed reduced to maneuvering revs.	Master / Ch. Engineer	
5.	Maneuver ship as required to:	Master	
	• Safeguard personnel.	Master	
	• Reduce effect of flooding (if cause known).	Master	
6.	Nominated personnel under direction of Chief Officer (deck) & Chief Engineer (machinery space) to take soundings of tanks & spaces to establish:	Ch. Off. / Ch. Eng.	
	• Extent of flooding.	Ch. Off. / Ch. Eng.	
	• Approximate rate of water ingress.	Ch. Off. / Ch. Eng.	
7.	As a precaution, prepare survival craft & other life saving appliances (EPIRBS's etc), in this case ship to be stopped in water.	Master	
8.	Broadcast URGENCY or DISTRESS message, if appropriate.	Master / Ch. Officer	
9.	Inform relevant shore/port state authorities or VTS dependent upon seriousness of situation, but notifying the Company in any event.	Master / GMDSS Officer	
10.	Conduct damage control procedures*.	Master / CO / CE	
11.	From soundings data obtained:	Master / CO / CE	
	• Calculate present effects of flooding on stability & stress.	Master / CO / CE	
	• Calculate effect on stability & stress for any anticipated corrective actions to be taken against the flooding e.g. to correct any resultant etc.	Master / CO / CE	
	• Calculate whether ship has pumping.	Master / CO / CE	
	• Means & capacity to discharge or stem flood water ingress. If the answer to this is no, then what is the probable final effect of the flooding with regards to stability.	Master / CO / CE	
12.	In case of flood in:	Master / Ch. Engineer	
	• Engine room – checklist "Main Engine Failure" as appropriate.	Master / Ch. Engineer	
	• Steering gear compartment – checklist "Steering Failure" as appropriate.	Master / Ch. Engineer	
	• Generator compartments – checklist "Total electrical power Failure (Blackout)" as appropriate.	Master / Ch. Engineer	
13.	Where possible, pump out flooded spaces using ships fixed pumping system. Otherwise use portable equipment such as educators.	Ch. Engineer	
14.	Where the possibility exists, make preparation for oil pollution prevention (ref. SOPEP manual).	Master / Ch. Engineer	
15.	Use on-board materials where possible to stem flow of water (dunnage, mattresses etc).	Ch. Officer / Bosun	
16.	Maintain log/record of events and decisions.	Master	
17.	Report to the Office.	Master	
B.	Other		

* Actions required will be in accordance with ship specific damage control procedures