

Name:

【Port: 】 Cargo Ship

Response against Tsunami Checklist
(This the sheet is not authorized as obligation by statute.)

Confirming before port entry in advance

Port and Ship Information		
Port:	Berthing direction: Inbound / Outbound	
Berth / Quay:	Quay: Seismic design / Non-seismic design	
Ship name:	Gross Tonnage:	
Ship type:	Crew:	Cargo:

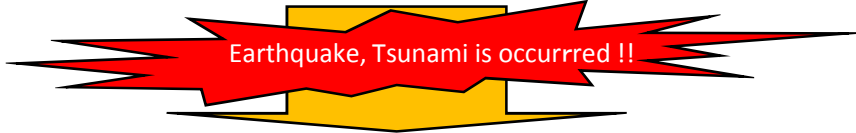
Basic Information	
Safe water area: From (), () Degree ()m	Water depth: m
Location : Latitude: Longitude: Distance from berth to safe water area : nm	
Time to arrive safe water area: minutes	
Place of evacuation area on land :	Handling support: Tug (Yes ▪ No)

Contact Point	
Agent:	Operating company:
Stevedore:	Harbor Master:
Liner:	Japan Coast Guard:
Tug Company:	Other:

Confirm Tsunami information in advance, if possible.	The assumed maximum Tsunami height: m (time of arrival:)
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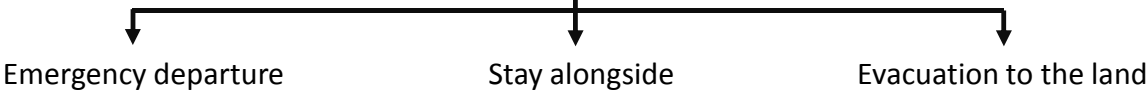
Response against Tsunami (Basic Policy)

Response against Tsunami (Basic Policy)					
Warning level	Tsunami height	On berthing		On anchoring	
		Within ~minutes	More than ~minutes	Within ~minutes	More than ~minutes
Major Tsunami warning	More than 3m				
Tsunami warning	1~3m				
Tsunami advisory	Less than 1m				



Judge if Earthquake, Tsunami is occurred
Captain shall Judge

Earthquake Information (Date -)			
Time	Scale	Place	Seismic Intensity
h m	M		
Tsunami Information			
Major Tsunami warning	Tsunami warning	Tsunami advisory	
Time to arrival of Tsunami	m	Anticipated height	m
Captain Judgement			



Basic Response List

(Fill in the as far as practicable)

Keep monitoring the latest information of Tsunami.
(from TV, Radio or VHF)

Confirm Tsunami occurrence indication
from Port master, Harbor administrator,
etc...

Emergency departure

*Continue to obtain the information of Tsunami
(from TV, Radio or VHF)

- ① Interruption of cargo work (minutes)
- ② Crew readiness (minutes)
- ③ Standby for departure (Engine and Thruster if provided) (minutes)
- ④ Consider support Tug, handler and Mooring crew are necessary or not
- ⑤ Confirm store landing facilities (Crane, Loading Arm, Bellows Chute, etc...) available
- ⑥ Check the suitability of the departure route (Proximity of hazards and other vessels in way of departure route) (minutes)
- ⑦ Unmooring or cutting lines (minutes)
- ⑧ Give notice to the shore (relevant departments or the operating company), after departure (minutes)
- _____ (minutes)

Staying alongside

*Continue to obtain the information of Tsunami
(from TV, Radio or VHF)

- ① Crew readiness (minutes)
- ② Tending mooring lines / Tightening brakes of mooring winches (minutes)
- ③ Standby anchor (minutes)
- ④ Standby engine and thruster if provided (To avoid damaging of lines, Surging) (minutes)
- ⑤ Discuss or instruct for the interruption of Cargo work, etc... (minutes)
- ⑥ Check watertight measures (close all the watertight doors /openings, etc...) (minutes)
- ⑦ Give notice to the shore (relevant departments or the operating company) (minutes)
- ⑧ Check the ways to obtain the latest information.
(Preparing vessel on the advice or the indication from Harbor Master/ Harbor administrator, etc...)
(Check the safe water area in advance for the emergency departure)
(Check the safe area, the evacuation route for evacuation to the land)
- _____

Evacuation to the land

*Continue to obtain the information of Tsunami
(from TV, Radio or VHF)

- ① Crew readiness (minutes)
- ② Check the safe area, the evacuation route, the required time to evacuate etc...
- ③ Instruct crew to evacuate to land (minutes)
- ④ Carry out the required work on board till Evacuation to the land (minutes)
(Disengaging the connections such as loading facilities between the ship and the land) (minutes)
- _____

Attention in case of drifting (Additional points)

When the ship drifts from berth, the mooring may break, and cargo handling facilities, such as cranes etc. may collapsed, therefore crew shall evacuate to the safe area.