

CARGO LIQUEFICATION

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IMMEDIATE ACTION TO BE TAKEN
Sound the general alarm. Muster crew and inform them of the situation. Call AB to the bridge for hand steering if vessel is at sea. Switch on deck lights at night
Reduce speed to just retain steering and alter course to minimise any rolling and vibration pattern of the ship. Inform any traffic in the vicinity of the issue aboard
Carry out visual inspection of holds weather permitting. Check sounding of all tanks and holds on board
Gather Information for making a detailed assessment that will include but not be limited to: distribution of cargo, fuel, ballast, fresh water and other consumables or variable weights.
Check if vessels stability has been compromised and there is risk of capsize
Ensure all load line openings are fully secured and closed.
Once facts are established
Inform terminal/port authorities if vessel is in port
At sea, broadcast distress alert and call for assistance if vessel is in grave or imminent danger. Exhibit NUC lights/ shapes
Advise Owners and charterers. Request external assistance if required
Before taking on any ballast or transferring ballast, cargo, or bunkers within the ship check that it is safe to do so by calculating the effect on the vessel's stability, stresses, draught and trim.
Take applicable measures to reduce free surface effect
Monitor weather and forecast
Sound all cargo holds / bilges. Pump out any free water from the cargo holds bilges.
Monitor the vessel's motion, in particular the rolling period. A change in the rolling period may provide a warning of a reduction in the vessel's GM.
Alter course to ease the motion of the ship and to try to keep wind and weather on the bow of the high side.
Commence pumping out water from the cargo holds on advise. Do not unnecessarily open Load line entrances.
Contact the nearest coastal state authority
Request for assistance (Tug / salvage company as required)
Company will contact the P&I club
Company will approach classification society or other experts for stability calculations
Consider heading to the nearest port or place of refuge