

NAVIGATIONAL RISK ASSESSMENT WORKING GROUP

NRAWG Date:	06.2.15	Owner:	Deputy CHM	NRAWG Ref:	54	NRAWG Title:	Review of Berthing and Unberthing Operations at Calor Gas Jetty
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Group Members:

Name	Organisation	Name	Organisation
Cathryn Spain	DHM(L) - PLA	Chris Young	Sea Pilot
Julian Parkes	DCHM	Cerwyn Phillips	POM
Kelvin Arterton	DHM(SM)	Rod Owen	Sea Pilot
Phil Dalton	VTSO	John Reid	River Pilot
Bill Clyne	Sea Pilot	Nick Lee	Sea Pilot / DPC

Detail / Terms of Reference	Observation/Recommendation
<p>This Navigational Risk Assessment Working Group (NRAWG) is therefore asked to undertake a formal risk assessment and to:</p> <ol style="list-style-type: none"> 1. Review navigational incidents recorded at the facility area during the last ten years; 2. Consider appropriate berthing/unberthing parameters for the facility, including, wind, visibility, tide, length, draught and beam applicable to the berth and recommend any changes or improvements deemed necessary; 3. Review the existing limitation which restricts vessels over 200m LOA to only berthing 'head up', on the first of the ebb tide; 4. Review the operational procedures, and any additional published guidance, advice or requirements currently in place for berthing / unberthing operations at the facility, including, but not limited to the use of tugs, boatmen and line handlers and the availability of weather/tidal information; 	<ol style="list-style-type: none"> 1. Recommendations and Actions The Group makes the following recommendations to the PLA's Navigational Management Team: <ol style="list-style-type: none"> 1. Calor Gas is recommended to undertake simulator work to determine the wind/ tide parameters for berthing/unberthing. 2. Calor Gas is recommended to consider the requirement for mooring men to go on board the vessels. 3. A Procedure for communication of weather / tide info to be agreed and included in VTS Procedures. 4. Minor amendments are made to VTS Procedures to update Havens references to Havens Safety Zone. 5. Minor amendments are made to VTS broadcasts to include when men are working on mooring buoys. 6. Calor Gas is to explore the feasibility of fitting dolly winches on the jetty 7. An Operational Order is to be issued relating to the exchange of Calor Specific information. 8. Calor Gas vessels' mooring requirements are to be added to notes in Polaris. 9. DCHM to ensure a note regarding 1 tug on ebb tide is included in the next version of the Ship Towage Code. 10. DCHM to issue a NABSO or note to Agents regarding improved information exchange.

5. Consider the scope, condition and effectiveness of fendering, bollards, mooring buoys (including hooks on the buoys) and other mooring arrangements in place at the berth; and
6. Identify any recommendations associated with any of the above with a view to enhancing the safety of marine operations at this facility.

Panel Chairman:	Julian Parkes	Signature:		Date:	08.04.15
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