

NAVIGATIONAL ADVISORY PANEL REPORT


NAP Date:	21/04/2004	Owner:	Harbour Master (Lower)	NAP Ref:	11	NAP Title:	Night Navigation to Vopak Terminal
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Panel Members:

Name	Organisation	Name	Organisation	Name	Organisation
G Dickens	PLA	J Parkes	PLA	A Chamberlain	PLA
M Samuels	Essex Fire Brigade	M Gamble	Adsteam Towage	R Broadbridge	H.S.E
A Van der Ven	Chemgas Shipping	S Alderton	Vopak Terminal		

Detail / Terms of Reference		Observation/Recommendation
<p>To assess through the established PLA SMS formal process the existing and potential risks to navigation and the community of extending the carriage of LPG to night transits between Coalhouse Point and Vopak. Determine what extra risk controls might be required to facilitate night navigation and reassess the potential outcome of loss of containment. Make recommendations to CHM and NMT on the above and any changes to legislation and procedures which may be required.</p>	<ol style="list-style-type: none"> 1 Risks are essentially the same for night and day navigation, recommendations should apply to both 2 Current definition of a firefighting tug to be broadened to encompass both its towing and firefighting requirements 3 LPG vessels to be capable of making the escort tug fast immediately whilst under way above Coalhouse Point 4 LPG vessels to have a crew member forward or arrangements in place to let go anchors immediately of required 5 Separation between specified vessels and others to be increased to 0.5 mile throughout the river 6 Inbound LPG vessels above Coalhouse Point so far as is safe and practicable should be given priority by VTS 7 The 0.5 mile visibility limit for movement of specified cargoes should remain the same 8 The current yellow light on the Black Shelf barge tier should be replaced by a green light and top mark to conform to adjacent buoyage 9 The wording of PLA Dangerous Substances in Bulk Byelaw 6 to be revised to indicate the berth should be clear on an inward vessel's arrival, not as she passes the Chapman Limit. 10 VTS should consider devising a formal standard broadcast covering LPG vessels under way and berths having LPG vessels alongside. 11 NMT should consider transferring permanent notices to mariners relating to vessel speed and oil/gas jetty exclusion zones to PLA General Directions. 	

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Panel Chairman:	G Dickins	Signature:		Date:	22/04/2004
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