

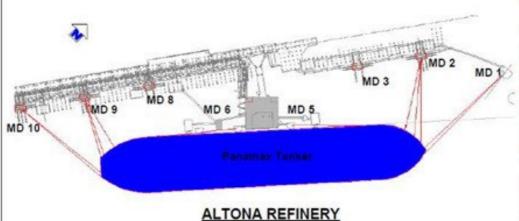
## Port Information Guide for the port waters of the Port of Melbourne - 5th Edition

Diagram 3(j) Gellibrand Pier recommended mooring arrangements for Panamax tankers

## **Recommended Mooring Pattern and Operational Wind Limits**

## **Panamax Tankers**

**Minimum** Equipment Requirements



Maximum Operating Environmental Limits				
	Wind Velocity (1)			
Stop Cargo Transfer	35 knots			
Disconnect Marine Loading Arms	40 knots			
Take Special Precautions	45 knots			

(1)20 second gust measured at 10 m elevation

## Notes:

- Wind limits apply to all wind directions.
- · Lines must be tended periodically.
- Additional mooring lines or stronger lines will not increase wind limits.
- Take Special Precautions refinery shall either deploy additional lines, call in standby tugs, or release vessel.

	Min	imum M	ooring F	Requirem	nents			
	Structure Number							
	MD 10	MD9	MD8	MD 6	MD 5	MD 3	MD 2	MD 1
Number of Lines	2	3		2	2		3	2
Line Breaking Strength	Minimum ≥ 52 metric tons							
Mooring Line Material	Conventional Fibre, HMF Ropes, or Steel Wires with Tails							
Tail Properties	11 m with Strength 25% Stronger than MBL of Main Mooring Ropes							
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**GELLIBRAND PIER** 

Mooring Diagram Limits					
	Max	Min			
LOA	230.0 m	182.9 m			
Beam	36.0 m	32.2 m			
Draft	13.7 m	6.5 m			
Moulded Depth	20.9 m	3.80			

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