

The “*Brisbane*” Specifications



Type of vessel:	Twin screw trailing hopper suction dredger
Classification:	Lloyd's Register +100 A1 +LMC UMS TM Hopper Dredger
Owner:	Port of Brisbane Corporation
Designer/builder:	NQEA Australia
Length overall:	84.10 metres
Length, waterline:	81.70 metres
Beam:	16.00 metres
Draft: (maximum)	6.25 metres (minimum) 3.0 metres
Displacement:	5,890 tonnes at 5.50 metres draft
Main engines:	2 x Caterpillar 3606 DITA @ 1850kw
Propulsion:	2 x variable pitch propellers with nozzles
Bow thruster:	1 x 310kw
Dredge pumps:	2 x Warman 28/24 @ 750kw each
Jet water pumps:	2 x Warman 10/8 @ 310kw each
Dredging depth:	25 metres
Hopper capacity:	2,900m ³
Maximum cargo:	4206 tonnes
Maximum speed:	13 knots
Maximum speed,	Fully loaded: 11 knots
Discharge:	Pump ashore by bow coupling or bottom dump
Crewing:	13