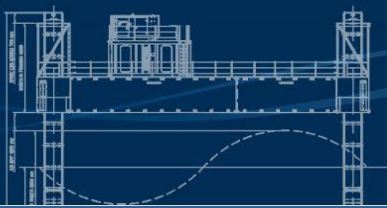


ABH

Australian Barge Hire

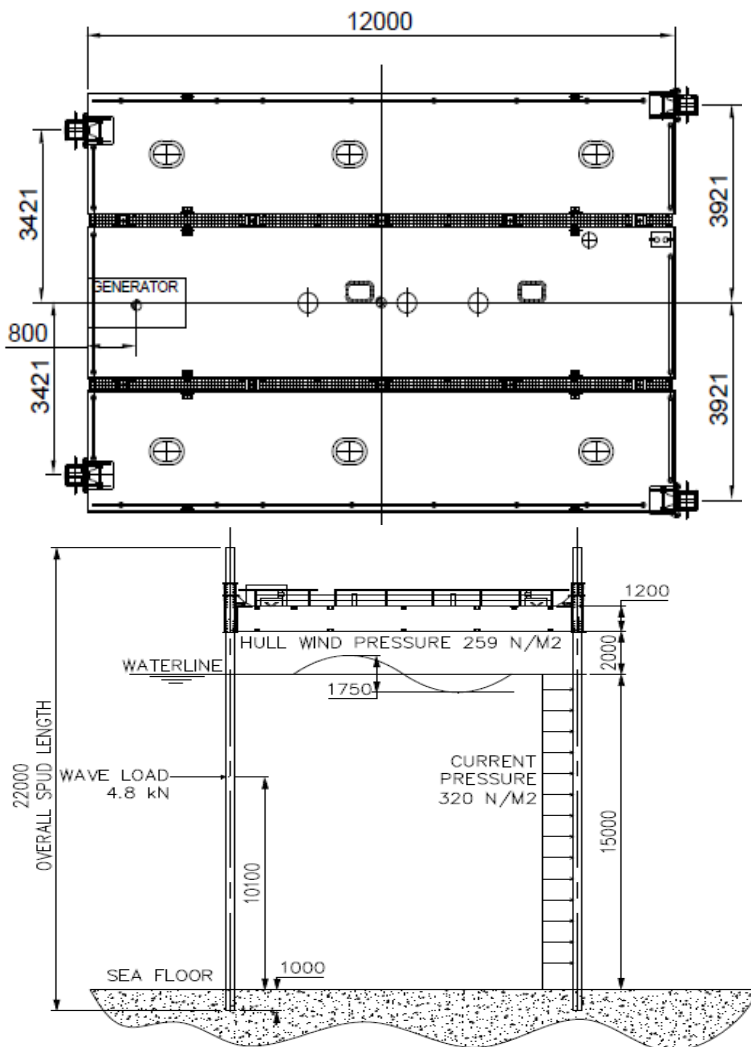


JACK-UP

BARGE SELF ELEVATING PLATFORM



SEA LIFT 11



General

Type	Jack Up Barge
Operator	Australian Barge Hire Pty Ltd
Survey	Australian Maritime Safety Authority
Classification	AMSA 2C
Construction	Steel
Road Transport	2 standard Semi Trailers
Working Depth	Up to 15 metres

Main Dimensions

Length Overall	13.500	metres
Beam	8.2	metres
Depth	1.20	metres
Draft	0.250	metres
Displacement	25.30	tonnes (unladen)

Jacking System

Jacking system	hydraulic	
Jacking Rate	10	metres per hour
Load Lift Capacity	20	tonnes
Spud Length	6,12,18, 22	metres
Generator		kWA 10

Features

- 300mm Diameter Moon Pool
- Spud Cans
- Onboard Site Office
- Max 1 tonne Deck Crane
- Remote controlled gangway access
- Road Transportable

Water Depth	Max Wave
5m	2.5m
10m	2.25m
15m	2m

ASSUMPTIONS

- The material for the pontoons is Grade 250 steel having yield strength of 250 MPa with allowable stress is 165 MPa, Ref 3.
- The material for the jacking towers, spud legs and pontoon connectors is Grade 350 Steel having yield strength of 350 MPa with allowable stress of 231 MPa, Ref 2.
- The material for the cylinder pins is 42CrMo4 having yield strength of 560 MPa. IAW Ref 4, the allowable stress for this material is 369.6 MPa.
- The environmental loads are restricted to operational conditions only. Survival environmental conditions are to be analysed separately.
- The deck load (20 t) is distributed on the deck such that no point loading exists.
- The pontoons are pinned at the highest possible location for all load cases.

Australian Barge Hire

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