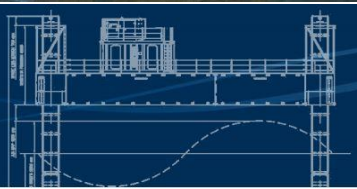
ABH

Australian Barge Hire

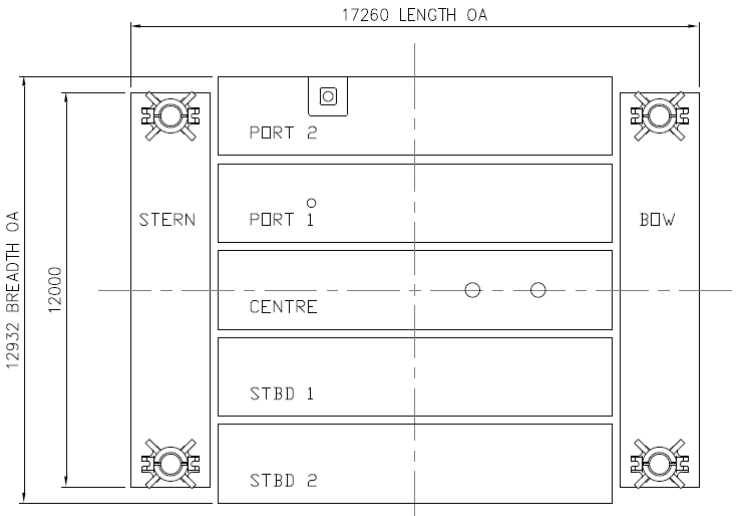
SEA LIFT 3

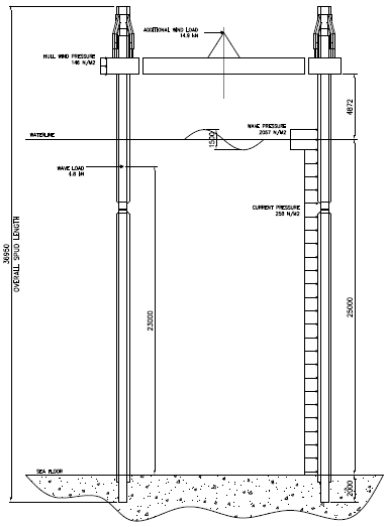


JACK-UP

BARGE SELF ELEVATING PLATFORM

SEA LIFT 3





General

Type	Jack Up Barge
Operator	Australian Barge Hire Pty Ltd
Survey	Australian Maritime Safety Authority
Classification	AMSA 2D
Construction	Steel
Road Transport	7 standard Semi Trailers, 2 extendable trailers (18m)
Working Depth	Up to 25+ metres

Main Dimensions

Length Overall	17.20	metres
Beam	12.90	metres
Depth	1.20	metres
Draft	0.80	metres
Displacement	80	tonnes (unladen)

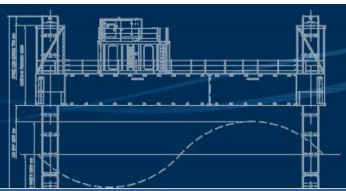
Jacking System

Jacking system	Electronic over hydraulic	
Jacking Rate	10	metres per hour
Load Lift Capacity	30	tonnes
Spud Length	12,18,30	metres
Power Unit	HPU 4 x 30	kW

Features

- 475mm Diameter Moon Pool
- 420mmDiameter Rod Rack
- Onboard Site Office
- Remote controlled jacking operation
- Remote controlled gangway access
- Max 3 tonne Deck Crane
- Road Transportable

ASSUMPTIONS
1. The material for the pontoons and connectors is Grade 250 Steel with yield strength of 250 MPa. IAW Ref 1, the allowable stress for this material is 165.0 MPa.
2. The material for the spud legs, internal bolting brackets, locking pins and spud towers is Grade 300 Steel with yield strength of 300 MPa. IAW Ref 1, the allowable combined stress for this material is 198.0 MPa. The allowable compression/tensile and shear stresses are 180.0 MPa and 150.0 MPa respectively.
3. The material for the bolting plate, 15.9mm spud tube and external brackets (see Figure 1) is Grade 350 Steel with yield strength of 350 MPa. IAW Ref 1, the allowable combined stress for this material is 231.0 MPa. The allowable compression/tensile and shear stresses are 210.0 MPa and 175.0 MPa respectively.
4. The material for the spud leg connection studs are Grade 8.8 steel with yield strength of 640 MPa. IAW Ref 1, the allowable combined stress for this material is 422.4 MPa.



Australian Barge Hire

PO Box 749 CARINGBAH NSW 1495

Phone: 02 9531 2900 Email: info@australianbargehire.com