

1MAS-300

Pipelay Accommodation Work Barge



General Specification

General Particulars

Year Build	2010(2Q)
Flag/Port Registry	Malaysia
Class	ABS
Notation	*A1 Barge
Description	Pipe-lay Accommodation Work Barge

Principle Dimension

Length Overall	365.9 ft (111.56m)
Breadth Overall	104 ft (31.7m)
Depth Molded	24 ft (7.31m)
Design Draft	14.8 ft (4.5m)
Deadweight	9,530 MT

Power Supply

Main Generator	6 x 800kW @ 1500rpm CAT 3508B c/w Stamford New Age Alternator PM734C2 rated 800kW/400V/3Ph/50Hz
Emergency Generator	1 x 250kW @ 1500 rpm CAT 3406C c/w Stamford New Age Alternator HCM434F1 Rated 250kw/400V/3Ph/50Nz

Deck Crane

1 x 300MT Huisman Pedestal-Mounted Offshore Crane c/w 46m jib and flyjib

Main Hoist

Static Load Capacity	300MT/9 falls@10m radius 76MT/9 falls@44m radius
Dynamic Load Capacity	240MT/9 falls@12m radius 48MT/9 falls@44m radius
Auxiliary Hoist	30MT single line at all radius

Accommodation

Complement	300 men
Single Berth	8 x 1 berths
Double Berth	14 x 2 berths
Four (4) men Berth	66 x 4 berths

** All cabins fully air conditioned, comply with ILO92, IMO Resolution A468 (XII)

Helideck

For S-92 or Mi8 Helicopter

Pipe-lay Capabilities

Clear Deck Area	1,200 m ²
Timber Deck Sheathing Area	1,100 m ²
Deck Load	12.5 T/m ²
Pipe Outer Diameter	4" to 60"
Maximum Pipe Joint Weight	30.00 kg
Pipe Length	40 x 2.5 feet
Pipe Tensioner	2 x 60MT @ approx. 20m/min (paying out) Model TEN60H
A & R Winch	1 x 120MT @ approx. 20m/min (paying out) Model WIN120AR
Applicable Paying-in Speed	16m/min
Welding Stations	5 x Manual or Automatic
Welding Machines	16 x 400Amp & 2 x 600Amp
NDT Station	1 x Radiography or UT
Coating Station	1 x Coating Station
Stinger	1 x fixed Stinger 26m x 3m fitted with 4 x V-type & 1 x U-type rollers
Hydraulic Winches	1 x 15MT Single Drum hydraulic "A-Frame" Winch, Model ME15THAFW line pull 15MT x 17m/min
Davit	6 x 35MT

Deck Equipment

8 point mooring	8 single drums, electro-hydraulic, MENTRADE HMW c/w tension sensors, 8 instrument sheaves, 8 deflector sheaves & 8 universal fairleads
Drum	Suitable for 1513m (L) x 52mm ø SWR
Drum Pull (1st layer)	70m x 14m/min (1st speed) 35m x 28m/min (2nd speed)
Drum Pull (top layer)	38m x 26m/min
Brake	Failsafe hydraulic release band. Brake on drum

Anchor and Mooring System

Anchors	8 nos. x 12Tons Delta Flipper Anchor
Anchor Wire	8 x 1400m (L) x 52mm ø SWR
Tugger Winch	1 x 10 tons electro-hydraulic, MENRTADE
Mooring Lines	8 nos. x 52mm ø x 1500m
Pendant buoys	10 nos. x 1.83m ø 2.45m length