



## SWIBER CHAI

### Accommodation / Derrick Pipelay Barge

(Under Construction)

### GENERAL SPECIFICATION

#### General Particulars

Year Build	2008
Flag / Port of Registry	Panama
Class	ABS

#### Principles Dimensions

Length Overall	127.40m
Breadth Overall	38.90m
Depth Molded	9.0m
Design Draft	6.0m (approx.)
Deck Loading Capacity	12.5MT/m <sup>2</sup>

#### Main Crane – Amclyde Model 60

Main Hook Capacity	1100MT @ 28m radius, 5.5m/min
Auxiliary Hook Capacity	275MT @ 55m radius, 15m/min
Whip Hook Capacity	60MT to 75MT radius, 65m/min
Boom Length	71.6m to 85.3m

#### Power Supply

Main Generator	6 x 828kW Engine driven Volvo genset
Emergency Generator	1 x 99kW Volvo Diesel genset

#### Mooring Equipment

- 8 x 130MT line pull capacity electro-hydraulic single drum winches (first layer), 16m/min
- Local & Remote controls c/w load cells & line read-out
- 8 Mooring lines, 52mm with fair leads, unit length 1500m
- 1 x 10T SWL el-hydraulic tigger winch with A-frame
- 10 Flipper DELTA Anchors –12Tons each
- 10 Pendant buoys

#### Pipe Tensioning Units

- 2 nos. SAS automatic tensioners 60MT pulling capacity each
- 6" – 60" SAS pipe Handling Equipment
- SAS Mastic Pipe Joint Coating System
- 6 x Welding Stations with 1 x NDT Station
- 6 nos. 35 Tons Davits

#### Crane

Crawler	1 x 150 Tons
Hydraulic Davits(Portable)	6 x 35 Tons

#### Deck Area

Cargo Deck Area	1,600 m <sup>2</sup>
Covered Work Area	704 m <sup>2</sup>
Timber Deck Sheathing Area	1,400 m <sup>2</sup>
Helideck	For S-92 Helicopter

#### Accommodation

Complement	308 men
One Man Cabin	5 nos. (5 men)
Two Men Cabin	19 nos. (38 men)
Four Men Cabin	65 nos. (260 men)

#### Pipeline Laying Equipment

- Hydraulic pipe line up station with transverse and longitudinal conveyors
- Rollers ramp 16 sets of V shape rubber coated rollers
- 5 welding stations, Manual or Automatic
- 1 x NDT station – Radiography or U.T.
- 1 x Coating station
- Fixed stinger 35m x 3m equipped with V shape rollers
- 16 x 400 amp Welding Machines
- 2 x 600 amp Diesel Welding Generators

#### Radio Communication

- Tel/Fax/Data/e-mail VSAT satellite system
- 2 x 25w VHF Base stations
- 12 x 4w portable VHF
- Multi-party paging system
- PA system
- Weather Fax
- SSB Radio
- Aero VHF

