



SWIBER ENTERPRISE Pipelay Barge (Under Construction)

GENERAL

General Particulars

Year Build	2008
Flag	Panama
Class	ABS
Notation	✕A1 Barge

Principles Dimensions

Length Overall	111.56m
Breadth Overall	31.70m
Depth Molded	7.31m
Design Draft	4.50m
Deadweight	9,530 Tonnes
Potable Water	2,500 m ³
Fuel Oil	900 m ³
Ballast Water	6,000 m ³
Cooling Water	250 m ³
Lube Oil Storage	3 m ³
Sewage	50 m ³
GRT	TBC

Power Supply

Main Generator	6 x 800kW (440V / 50Hz)
Emergency Generator	1 x 99kW

Mooring Equipment

- 8 Single drum hydraulic winches, 70MT line pull (first layer)
- Local & Remote controls c/w load cells & line read-out
- 8 Mooring lines, 52mm with fair leads, unit length 1500m
- 10 Flipper DELTA Anchors –10Tons each
- 10 Pendant buoys

Pipe Tensioning Units

- 2 nos. SAS automatic tensioners 60MT pulling capacity each
- 8" – 60" coated pipe OD range
- 1 no. 120MT A&R winch
- 6 nos. 35 Tons Davits

Crane

Crawler	200Ton x 15M radius
Pedestal	45Ton x 10M radius

Deck Area

Cargo Deck Area	1,200 m ²
Covered Work Area	704 m ²
Deck Loading Capacity	12.5 MT/m ²
Timber Deck Sheathing Area	1,100 m ²
Helideck	For S-92 Helicopter

Accommodation

Complement	300 men
One Man Cabin	8 nos. (8 men)
Two Men Cabin	14 nos. (28 men)
Four Men Cabin	66 nos. (264 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 26m 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

Fire Fighting and Life Saving Systems

According to SOLAS 1974, and 1981 & 1983 amendments

- General alarm system
- Fire detection & alarm system
- Sprinkler system
- CO2 Flooding system
- 2 nos. foam monitors for helideck
- Life jackets, life rafts

Service Pumps and Tanks

- 2 x 360 m3/hr @ 30M head (centrifugal) Ballast Pumps
- 2 x 180 m3/hr @ 120M head Fire Fighting and GS Pumps
- Diesel driven Emergency Fire Pump
- 2180 m3 Potable Water Tanks
- 1130 m3 Fuel Oil Tanks

Sewage Treatment

Two (02) IMO approved Sewage Treatment plant for 300men (min.)

Freshwater Maker

R.O. Plant 2 nos. 50TPD each

Accommodation Facilities

- Client Offices
- Client Recreation Room
- Conference Room
- Hospital
- Prayer Room
- TV / Video Room
- Gymnasium
- Galley & Laundry Facilities

Deck Facilities

- Mechanical & Electrical workshops
- Warehouse
- Paint store

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