



## 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 m3
Fuel Oil	900 m3
Ballast Water	6,000 m3
Cooling Water	250 m3
Lube Oil Storage	3 m3
Sewage	50 m3
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 m2
Covered Work Area	704 m2
Deck Loading Capacity	12.5 MT/m2
Timber Deck Sheathing Area	1,100 m2
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

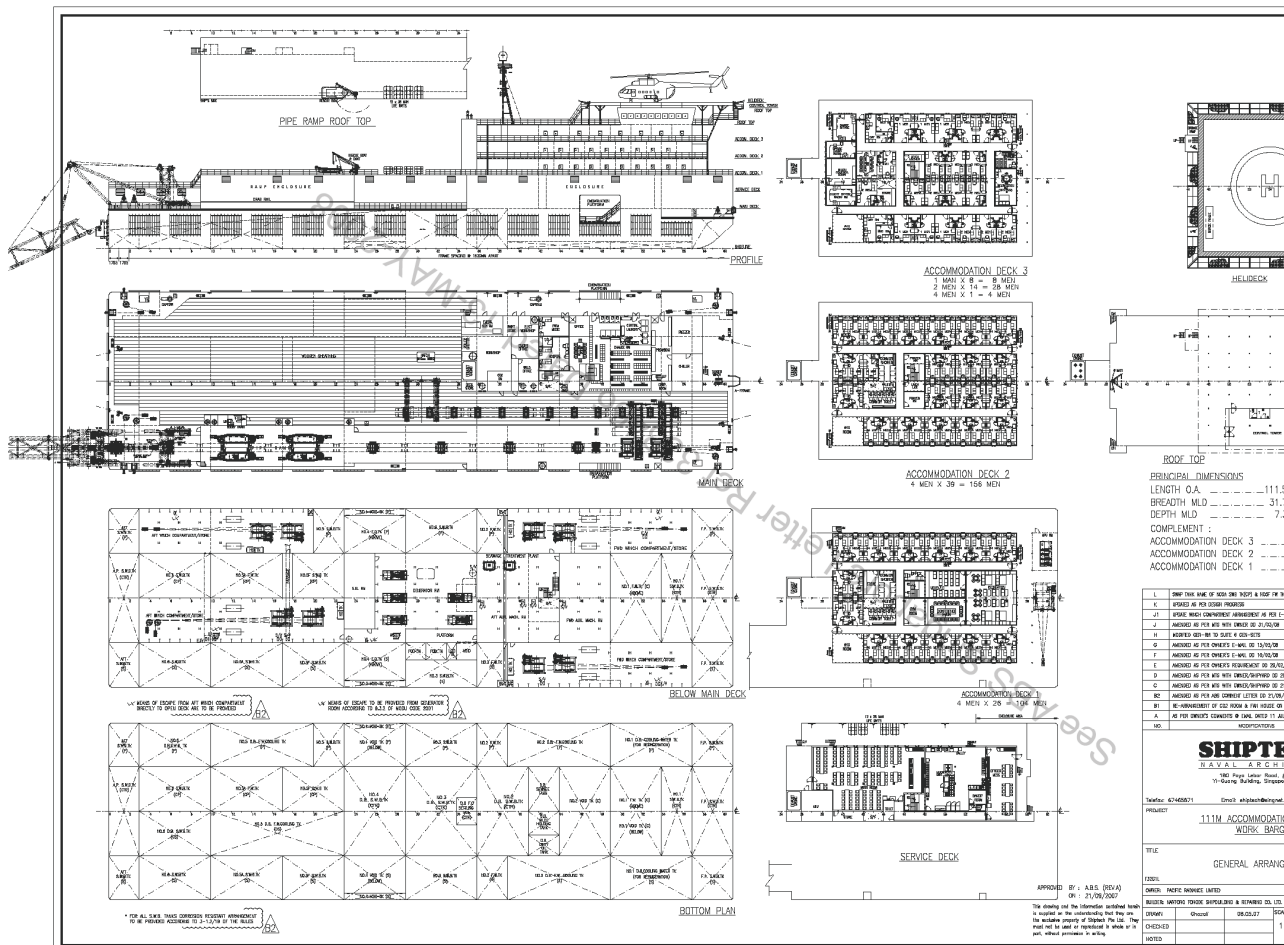
### Accommodation Facilities

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

# SWIBER ENTERPRISE



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