

# Derrick Pipelay Barge

## Sapura 900



### General Description

- Pipeline installation (rigid and flexible)
- Platform installation (fixed and floating)
- Topsides hook-up and maintenance
- Mooring system installation
- Diving support (air and saturation)
- Accommodation support

Owner :	Sapura 900 Pte Ltd
Year of Build :	1982 (2009 upgrade) (2013 Accom increase)
Class :	ABS (✱) A1 Barge
Flag :	Malaysia
Area of Operation :	Worldwide

### Main Dimensions

Length Overall :	129.14 m
Beam :	31.93 m
Depth :	7.62 m
Draft Light :	2.73 m
Draft Loaded :	5.35 m
GRT :	11,916 T
NRT :	3,574 T
Lightship :	9,280.689 MT

### Accommodation

Accommodation for 292 persons.

Cabins :	47 x 4 person berth
	51 x 2 person berth
	2 x 1 person berth

### Helideck Suitable for EH 101

Allowable Weight :	14.6 T
Perimeter 'D' Diameter :	23.0 m

### Capacities

Clear Deck :	65 x 20 m
Deck Strength :	10 t/m <sup>2</sup>
Dead Weight :	9,325 T
Portable Water :	127 m <sup>3</sup>
Fresh Water :	2,157 m <sup>3</sup>

### Galley

Freezer Cap :	35 m <sup>3</sup>
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### Pipelay Equipment

- Fully enclosed and air-conditioned welding tunnel (7 stations) suitable up to 52" OD pipeline (inc. coating)
- 2 x 60 T tensioner and 120 t A+R winch
- 41 m ballastable articulated stinger (2 sections)
- Maximum pipelay water depth: 400 m
- 3 off 50 T Luffing davits (optional)

### Machinery

Generators:	
• Main :	4 x 1,360 kW, 460 V, 3 Ø, 60 Hz
• Emergency :	1 x 550 kW, 440 V 3 Ø, 60 Hz

Air Compressors:	
• 2 x 900 cfm @ 9 bar I.R.	
• 2 x 30 cfm @ 18 bar I.R.	
• 1 x 150 cfm @ 9 bar	

Water Maker:	
• 2 x 45 T/day R.O.	
• 1 x 50 T/day R.O.	

### Mooring System

Winches :	Centrally controlled
Blow :	2 x 66 T double drum variable speed, independent electric drive with water cooled drag brakes
Capacity :	1,400 m Ø 52 mm IWRC
Anchors :	8 x 12 T Delta Flipper Anchors

\*\*This vessel specification is given in good faith @ assumed correct.  
Details given are without guarantee.  
\*\*Owners reserve the right to amend the specifications without notification.

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## GENERAL NOTES

1. Curve capacities comply with ABS Crane Rules 1991.
2. All capacities are with water tank attached and filled.
3. All rated capacities include ABS 10% impact factor only and should be derated with applicable dynamic factors to determine safe lift capacity for each lift.

