



M/V Pacific Installer

- ▶ **Clear Deck Space** 1,200 m²
- ▶ **Deadweight** 7,078-7,226 tonnes
- ▶ **Crane Capacity** 200 t @ 20 m radius
- ▶ **Accommodation** 372

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General Information

Built:	Boustead Penang Shipyard, Malaysia, September 2012
Flag:	Singapore
Call Sign:	9VBR2
IMO No.:	9649342
Classification:	ABS *A1, Accommodation Barge, Circle M

Dimensions

Length, overall:	111.63 metres
Breadth, moulded:	31.70 metres
Depth, main deck:	7.31 metres
Design draft:	4.50 metres
GT:	12,298
NT:	3,689

Capacities

Deadweight (maximum):	7,226.66 t
Clear Deck Area:	1,200 m ²
Deck Strength:	12.5 tonnes / m ²
Fuel:	1150 m ³ dedicated
Potable Water:	3691 m ³
Ballast Water:	3937 m ³
Liquid Mud:	643 m ³
Dry Bulk:	200 m ³
Ship's Stores:	Lube Oil Storage 69 m ³

Machinery

Main Engines:	4 x 750 kW = 3,000 kW (4,021 BHP), 440v, 60hz, max 1800 rpm
Emergency Generators:	1 x 270 kW, 440v, 60hz, max 1800 rpm

Towing and Anchor Handling

Main Winch:	8 units skid mounted single drum winches c/w spooling device & electro hydraulic powered, 100 tonnes line pull, 180 tonnes brake holding capacity
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Deck Machinery

Forward Tuggers :	2 x 10 t each
Stern Tuggers :	2 x 10 t each
Capstans:	4 x 10 t each
Windlass:	1 x cable lifter
Bow Mooring:	8 point mooring system designed for operation in up to 1000m water depth

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Crane Capacity:

Main Crane:

Type - Favelle Favco PC250

Rating - API2C

Capacity - 25 t @ 64.8 m radius (Auxiliary hoist); 200 t @ 20 m radius (Main hoist) in < or = 0.6 m wave height

Subsea Capability - 1000 m @ 25 t; 700 m @ 100 t

Power - Caterpillar 750 kW

Auxiliary Crane:

HEILA HR 1000/25-2BJ

Rating - API2C

Knuckle Boom Crane Capacity 20 t SWL @ 15 m radius

Both cranes have main riding capability

Electronics

Main Radar:	Furuno
Gyro Compass:	Furuno
Magnetic Compass:	Furuno
Echo Sounder:	Furuno
Speed Log:	Furuno
Satellite Communication:	FBB: Sailor 500 VSAT: Sailor 900
AIS:	Furuno
VHF:	Furuno

Discharge Pumps

Fuel Oil:	75 m ³ /hr @ 7 bar
Potable Water:	150 m ³ /hr @ 7 bar
Drill Water:	150 m ³ /hr @ 7 bar
Brine / Mud:	75 m ³ /hr @ 7 bar (recirc pumps - 50 m ³ /hr @ 3 bar)
Dry Bulk:	50 tonnes/hr @ 5.6 bar, 80 psi, 2 compressors

External Fire Fighting

Capacity:	Fi-Fi 1
Monitors:	2 x 1200 m ³ /hr

Standby Rescue Equipment

1. Lifesaving Equipment:

Liferafts - 30 x 25 man

Lifeboats - 4 x 62 man (another 2 to be installed in early Dec 2015)

Fast Rescue Craft - 1 x SOLAS approved MOB boat, 6 men capacity, c/w davit for launch/ recovery

Life jackets - 420 persons

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Accommodation

Berths:	Deck 4 = 62 MEN (52 x 1 MAN and 5 x 2 MAN)
	Deck 3 = 130 MEN (65 x 2 MAN)
	Deck 2 = 112 MEN (18 x 1 MAN and 47 x 2 MAN)
	Deck 1 = 68 MEN (28 x 1 MAN and 20 x 2 MAN)
	TOTAL = 372 MEN

Miscellaneous

1. Heli-Deck - Design Helicopter (rated for Sikorsky S92); Structural Design (UK CAA CAP 437)
2. Gangways - Boat Landings (Optional as required)
3. Water Maker - 3 units, 50 m³ per day per unit
4. Sewage Treatment - 2 plants
5. Hospital - 2 Berth c/w toilet / shower
6. Moon Pool - 5.440 m x 4.830 m
7. 5 Project Offices, 2 Meeting Rooms, Internet Cafe, Messroom for approx 160 people, Gymnasium, Recreation Room, Lounge, 2 Cinemas
8. Freezer (50m³), Chiller (50m³) & Dry Storage
9. Discharge Connections - 4inch for fuel, water, ballast & 5inch for mud, bulk.