



FLOATEL
international



FLOATEL RELIANCE

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Floatel Reliance is an accommodation and construction support vessel designed for world wide operations with a total accommodation capacity for 500 persons. It is built in accordance with ABS rules and regulations with the following class notation:

✠ **A1 Column Stabilized Accommodation Unit**

✠ **AMS** ✠ **DPS-2, FFV Class 2**

Particulars

Rig Type	Semi Submersible Accommodation Vessel
Design	Keppel FELS SSAU 3600
Builder	KeppelFELS Shipyard, Singapore
Classification	American Bureau of Shipping
Flag	Bermuda
Delivery	Q4 2010

Dimensions

Length over all	109.0 m
Breadth over all	36.1 m
Pontoon length	93.9 m
Breadth outside pontoons	45.2 m
Main deck height above base line	18.9 m

Operating Conditions

	Transit	Operation	Survival
Draft excl thrusters	5.9 m	12.2 m	7.9 m
Draft incl thrusters	10.4 m	16.7 m	12.4 m
Displacement	13 195 Mt	17 920 Mt	15 240 Mt
Air Gap		6.7 m	11.0 m

Capacities

Potable water	960 m ³
Fuel oil	1 600 m ³
Deck load capacity (Transit draft)	500 Mt
Deck load capacity (Operation and Survival)	1 500 Mt
Main deck storage area	1 300 m ²
Covered storage area	400 m ²

Accommodation

Air-conditioned living quarters for 500 persons. Each cabin fully outfitted with en-suite bathroom and telephone/IT/TV connection facilities.

Mess rooms and recreational facilities

Galley and mess room facilities for 250 persons in one seating. Recreational areas include cinema, internet café, recreation rooms, games room and gymnasium.

Hospital

A fully equipped hospital is located on the upper deck level with easy access to open deck area and helideck.



Offices for client use

Client offices are arranged in four offices on 2nd deck level suitable for 40 persons, fully equipped with communication facilities. Large meeting room on 2nd deck level.

Gangway

Telescopic bridge, length 36.5 m with a telescopic action of +/- 6 m allowing vessel to remain connected in severe weather.

Helicopter Deck

The helicopter deck complies with ABS rules and CAP 437 requirements:

Helicopter deck diameter	19.6 m
Helicopter type, typical	Super Puma

Cranes

Two pedestal electro hydraulic cranes with the following onboard lifting capacities:

Main Crane	120.0 Mt lifting capacity at 15 m radius 30.0 Mt at 47 m radius Aux. Hoist: 16.0 Mt at 49 m radius
Auxiliary Crane	25 Mt lifting capacity

Machinery

Main Engines and Generators	Four fresh water cooled diesel engine generating sets, 3 900 KW each
Emergency Generator	One emergency diesel engine generator, 600 KW

Positioning system and propulsion

The positioning system is designed to satisfy class notation ABS DPS-2 (DP2)

DP 2 system	KONGSBERG
Thrusters	Four azimuth thrusters, each 2 500 KW
Mooring system	2 point wire mooring for inshore mooring



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