



FLOATEL
international



FLOATEL SUPERIOR

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Floatel Superior is an accommodation and construction support vessel designed to meet the most demanding regulatory requirements for operating in the harshest environmental conditions in the world. It is built in accordance with DNV rules and regulations with the following class notation:

DNV 1A1 Column Stabilized Accommodation Unit (N), HELDK, EO, DYNPOS AUTRO, POSMOOR V ATA, BIS

Particulars

Rig Type	Semi Submersible Accommodation Vessel
Design	MSC/Keppel FELS DSS20/NS - DP3
Builder	KeppelFELS Shipyard, Singapore
Classification	DNV 1A1 Column Stabilized
Flag	Bermuda
Delivery	Q1 2010

Dimensions

Length over all	94.0 m
Breadth over all	91.0 m
Pontoon length	90.0 m
Breadth outside pontoons	64.5 m
Main deck height above base line	35.0 m

Operating Conditions

	Transit	Operation	Survival
Draft excl thrusters	8.4 m	18.0 m	13.0 m
Draft incl thrusters	13.4 m	23.0 m	18.0 m
Displacement	21 400 Mt	29 030 Mt	25 470 Mt
Air Gap		9.5 m	14.5 m

Capacities

Potable water	800 m ³
Fuel oil	1 800 m ³
Deck load capacity (Transit draft)	1 700 Mt
Deck load capacity (Operation and Survival)	2 700 Mt
Main deck storage area	2 200 m ²
Covered storage area	400 m ²

Accommodation

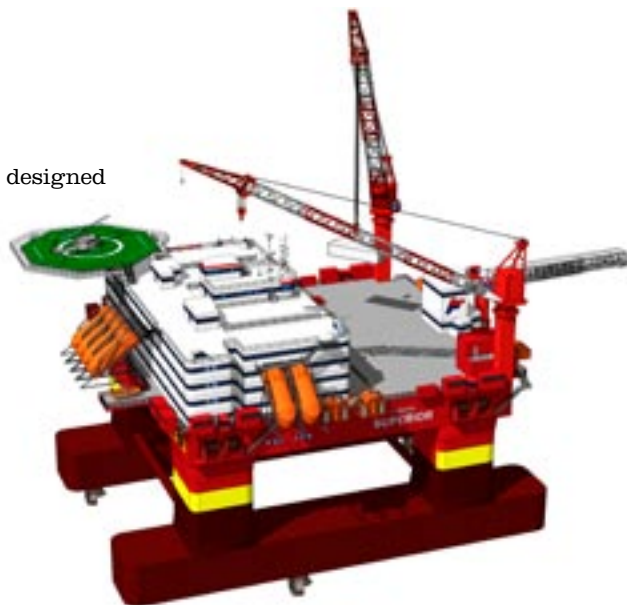
Air-conditioned living quarters for 440 persons in single bed cabins. Each cabin fully outfitted with en-suite bathroom, daylight in each cabin and telephone/IT/TV connection facilities.

Mess rooms and recreational facilities

Galley and mess room facilities for 220 persons in one seating. Recreational areas include cinema, internet café, recreation rooms, games room, gymnasium and sauna.

Hospital

A fully equipped hospital is located on the 3rd deck level with direct stretcher access to elevator and easy access to helideck.



Offices for client use

Client offices are arranged in open plan area on main deck level suitable for 50 persons, fully equipped with communication facilities.

Gangway

Telescopic bridge, length 38.5 m with a telescopic action of +/- 8 m allowing vessel to remain connected in severe weather.

Helicopter Deck

The helicopter deck complies with DNV HELDK notation and CAP 437 requirements:

Helicopter deck diameter	27.4 m
Maximum allowed landing weight	14.8 Mt

Cranes

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

Main Hoist	50.0 Mt lifting capacity at 30m radius 20.1 Mt lifting capacity at 55m radius
Auxiliary Hoist	15 Mt lifting capacity at 60.1m radius

Machinery

Main Engines and Generators	Six fresh water cooled diesel engine generating sets, 3 680 KW each
Emergency Generator	One emergency diesel engine-generator, 1 200 KW

Positioning system and propulsion

The positioning system is designed to satisfy class notation Dynpos Autro (DP3) and mooring notations DnV POSMOOR ATA and V ATA.

DP 3 system	KONGSBERG K-Pos DPM-32
Thrusters	Six azimuth thrusters, each 3 200 KW
Mooring system	8 point wire mooring: 3", 2 000 m, breaking strength 490 Mt.

