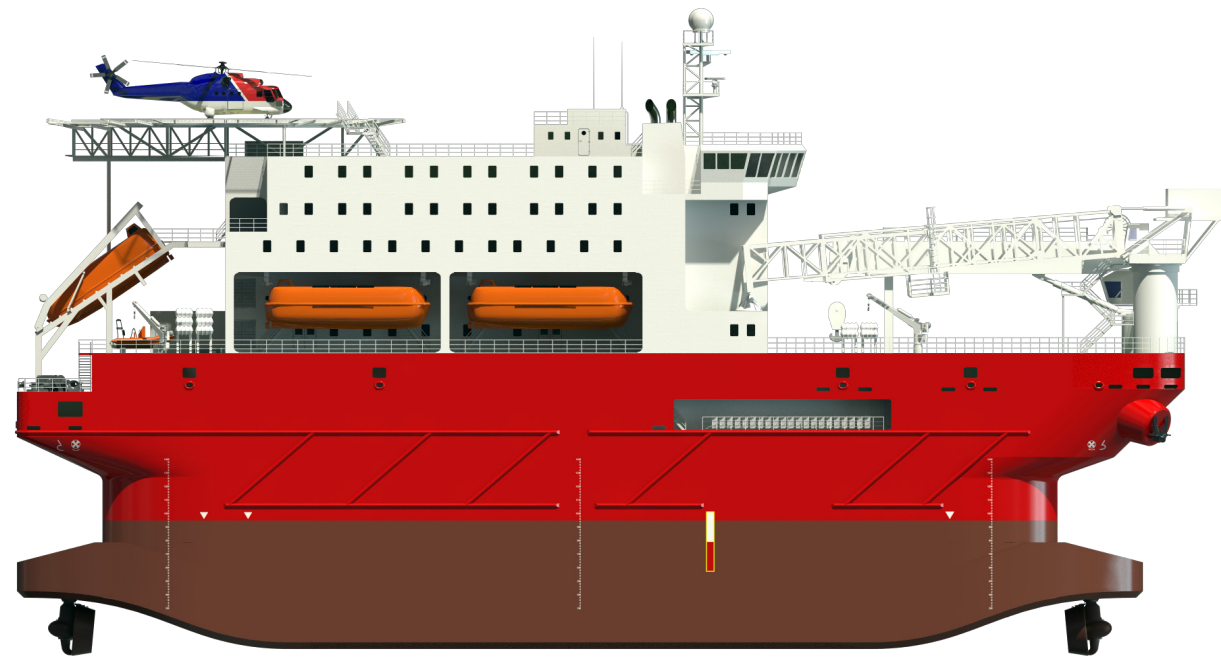


CSS ASV 84

DESIGNER: Vard Marine Inc.
BUILT BY: Mawei Shipbuilding
OWNER: Gran Energia
DELIVERED: 2013
DESIGN: CSS ASV 84

The CSS Accommodation Support Vessel's primary function is to act as a floating accommodation unit for rig personnel. The vessel will remain connected to the rig via a telescopic gangway system and is capable of housing up to 431 people. Other highlighted features include a 12.8 tonne rated helideck, DPS-3 rating and a 150 MT telescopic boom crane.



Specifications

MAIN PARTICULARS

Length overall	84.0 m	275'-7"
Length (submerged hull)	81.0 m	265'-0"
Breadth moulded	32.0 m	105'-0"
Depth main deck	22.2 m	73'-0"
Operating draft range	8.0 to 11.0 m	26' to 36'

PERFORMANCE

Installed power	17,280 kW	24,514 hp
Speed	10.5 kn max	
Endurance	44 days	DPS-3 average

CLASS

ABS ✱A1, Column Stabilized Unit, Accommodation Service, ✱AMS, DPS-3, Circle E, UWILD, HELIDK

CAPACITIES

Fuel oil	1,809 m ³	477,880 USG
Fresh water	1,310 m ³	346,000 USG
Ballast capacity	7,192 m ³	1,899,900 USG
Lube oil	44.8 m ³	11,800 USG
Sewage holding	90.0 m ³	23,770 USG
Deck loading	5 MT/m ²	1,024 lb/ft ²
Deck cargo area	850 m ²	9,4150 ft ²

PROPULSION MACHINERY

Main engines	6 x 2,880 kW	6 x 3,862 hp
Azimuthing thrusters	4 x 3,000 kW	4 x 4,020 hp
Emergency generators	1 x 910 kW	1 x 1,220 hp

LIFESAVING EQUIPMENT

TEC lifeboats	4 x 150 persons
TEC freefall lifeboats	3 x 67 persons

DECK MACHINERY

Telescopic gangway	24.5 to 35.5 m
Telescopic boom crane	150 MT @ 8 m
Maximum deck load	500 MT

AVIATION

CAP 437 compliant helideck, rated for 12.8 tonne helicopter, and designed for Sikorsky 61N, Super Puma, & Sikorsky S92

COMPLEMENT

431 persons

