

HELIOS 5501

SELF PROPELLED SELF ELEVATING ACCOMMODATION JACK -UP BARGE



Project No:
C 3811

Owner :
Gulf Marine Services

Class :
ABS +A1 + AMS

Builders :
Cheoy Lee Shipyard Ltd

Hull No:
4857



HELIOS 5501

Safety Equipments

Life raft	4 x 25 pers
Co2 system	Engine Galley
Rescue boat	1

Nav. Eq

Radar	2
GPS	1
Compass	1
Echo sounder	1
Navtex/printer	1/1

Main Particulars

LOA	55.00 mtr
Length BP	48.00 mtr
Breadth	13.80 mtr
Depth	5.50 mtr
Design draft	4.25 mtr
GRT	1160 T
NRT	348 T
Deadweight	1000 Ton
Complement	26 pers
Speed	12 knots
Bollard pull	55 Tons

Deck Machinery

Capstan	2 x 9t @ 15 mpm
Dispersant system	Use G/S fire pump 60m ³ /H, 250m, 2x 6m
Anchors	2 x 1590 Kg AC 14
Chains	2 x 330m x 34mm G2
Mooring lines	4 x 160m, 123 KW
Towing line	1 x 600m 338 KN
W-bow fender	483/397x300
External Fire	2x1500m ³ @ 140m
Water / Foam	2 x 1200m ³ / H @ 120m
Stern roller	4.25m x 1.8/ 1.5 Dia
Tugger winch	1 x 5 T @ 15 mpm

Deck Crane

SWL 12.0 T @ 8 mtr

ISM compliance

ISPS compliance

Tank capacities

Fresh water	550 m ³
Fuel oil	340 m ³
Sea Water	150 m ³
Mud	100 m ³
Dry bulk	100 m ³
Dispersant	11 m ³
Foam	11 m ³
L.O.	5.9 m ³
Hyd. Oil	1.7 m ³
Dirty oil	5 m ³
Sewage	11 m ³

Propulsion and Generators

Main engines	2 x CAT 3516 B
BHP/RPM	2x2375BHP@1600rpm
Propellers	2 x Berg CPP 710 HX/4 HDX-40
Generators	2 x CAT 3406 C 415/3/50 223 kw 150x75x9
Bulk compr	2x20m ³ /h @ 5.6 b
Mud pump	2 x 70m ³ /h @ 75m
Cargo oil pump	1x100m ³ /h @ 65 m
DW pump	1x100m ³ /h @ 65 m

Radio Equipment

VHF	2 x Furuno 25 W
AIS	1 x Furuno
DGPS	1 x Furuno
SSAS	1 x Thrane and Thrane
MF/HF	1 x Furuno 250 W