

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:
4843



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 m3
Fuel oil	340 m3
Sea Water	150 m3
Mud	100 m3
Dry bulk	100 m3
Dispersant	11 m3
Foam	11 m3
L.O.	5.9 m3
Hyd. Oil	1.7 m3
Dirty oil	5 m3
Sewage	11 m3

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