

HELIOS 5501

ANCHOR HANDLING SUPPLY VESSEL



Project No:

C 3811

Owner:

Gulf Marine Services

Class :

ABS + A1 + AMS

Builders :

Cheoy Lee Shipyard Ltd.

Hull No:

4843



HELIOS 5501

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 T
Complement	26 pers
Speed	12 knots
Bollard Pull	55 T

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

Deck Machinery

Capstan	2 x 9t @ 15 mpm
Dispersant System	Use G/S fire pump 60m³/H, 250m, 2 x 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	483/397 x 300
External Fire	2 x 1500m³ @ 140m
Water/ Foam	2 x 1200m³/H @ 120m
Stern roller	4.25m x 1.8/ 1.5 Dia
Tugger winch	1 x 5T @ 15 mpm

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	2 x 20m³/h @ 5.6 b
Mud Pump	2 x 70m³/h @ 75m
Cargo Oil Pump	1 x 100m³/h @ 65 m
DW Pump	1 x 100m³/h @ 65 m

Safety equipments

Life rafts	4 x 25 pers
CO2 system	Engine Galley
Rescue boat	1

Deck Crane

SWL 12.0T @ 8 mtr

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

ISM Compliance

ISPS Compliance

Nav. Eq

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