

BOREAS-G
Offshore Support Vessel



Specification Sheet

Main Particulars

Builder:	KINGDA INDUSTRY CHINA
Year built:	2011
Keel Laid:	2010
Flag:	Panama
IMO Number:	9621546
MMSI:	352004192
Call Sign:	3E7687
Minimum Safe Manning (WWT):	9
Classification:	LR
Notation:	⚡100A1, ⚡LMC, BWTS

Dimensions

L.O.A.:	59.25m
Breadth:	14.95m
Dept:	6.10m
Draught:	4.80m
Nett Tonnage:	520m
Gross Tonnage:	1736T

Performance

Max Speed:	12.5 kts
Approx. Consumption at Max Speed:	12m ³
Eco Speed:	10.0kts
Approx. Consumption at eco Speed:	9m ³
Type(s) and Grade(s) of Fuel Used:	Low Sulphur
Endurance:	60 days

Machinery

Generators:	2 X Caterpillar kWe, 415V/3P/50Hz 0.8 PF
Shaft Generator:	2 X 800kWe, 415V/3P/50Hz 0.8 PF

Main engine: Caterpillar 2 x 2575 HP at 1600RPM

Propeller:	2 X CPP 2650mm dia in Kort Nozzle
Rudder:	2 X Palm Type
Bow Thruster:	1 x 390kW, 1480 RPM/388RPM, 62kN Thrust
Stern Thruster:	1 x 390kW, 1480 RPM/388RPM, 62kN Thrust

Deck Equipment

Deck Crane:	Mc Gregor Knuckle SWL 3 tons
Capstan:	2 X 5 Tonnes at 15 m/min, electro-hydraulic
Work Boat Davit:	Vest Davit A-Frame, Max Load 15T
MOB Crane:	MOB A-Frame Davit, 30KN
Towing Winch:	1 x 10 T at 15 m/min, 120 T, electro hydraulic
Fuel Hose Reel:	Winch Type UAA571 / 4" x 220m fuel hose
Dist. Line Reel:	Winch Type
Cable Reel:	Winch Type
Reefers:	3x 20ft carrier reefer container
Bollard Pull:	100 tons

Communication Equipment

GMDSS Equipment:	A1+A2+A3
MF/HF Radio:	1 x SAILOR
VHF Radio:	2 x FM-8800S -FURUNO
Portable GMDSS VHF:	3 x VHF Jotron TRON TR30
Inmarsat Sat-C:	2 x FURUNO FELCOM 15 IMN 437406267 / IMN 437406955
AIS:	FURUNO FA-150
E.P.I.R.B.:	Jotron 60AIS 406.037 MHz
UHF Fire:	4 X UK Entel Model DT985FF
Internet Broadband:	STARLINK

Navigation Equipment

Radars:	1 X FURUNO S-Band, 1 X Furuno X-BAND
GPS N0 2 Navigator:	1 X FURUNO GP 39 gps
Echo Sounder:	FURUNO FE-700
Navtex:	FURUNO NX-700
Gyro Compass:	2x ANSCHUTZ STD 22
Magnetic Compass:	Cassens & Plath Type 11
Auto Pilot Fwd:	ANSCHUTZ NP60
Auto Pilot Aft:	ANSCHUTZ NP60
Electronic Charts:	WARTSILA TRANSAS 4000
Anemometer:	Digital Young Wind Tracker

Bunker/Storage capacity

MGO:	184m ³
Cargo Fuel Cap:	716m ³
Fresh Water tank cap:	230m ³
Lube Oil:	11.8m ³
FW maker:	5m ³ per day
Sludge tank:	2x 10,5m ³ (1 for client 1 for vessel use)

Storage capacity

Cool store:	30m3 Freezer + Chiller
Freeze Store:	7.6 M ³
Dry Storage:	15 M ³
Clear Deck:	151 M ²

Accommodation

Cabins:	22
Messroom / TV Room:	2 X Separate Room
Total berths:	48 bunks

Safety Equipment

FRC:	10 men jet propulsion st propulsion
Life Rafts:	6 x 25 persons