

PRINCIPAL PARTICULARS

Length Overall	: 49.00 meter
Length Waterline	: 47.07 meter
Length B.P	: 44.60 meter
Breadth Extreme	: 12.00 meter
Breadth Moulded	: 11.58 meter
Depth Moulded	: 4.20 meter
Draft Designed	: 3.05 meter
Deck Load Capacity	: 2 metric ton per Sq. meter
Clear Deck Area	: 240 Sq.M
Maximum Cargo Capacity	: 48 metric ton
Deadweight at Summer Load Line	: 390 metric ton
Net Tonnage	: 458 Tons
GRT	: 688 Tons
Class	: ABS
Notation / Classification	: + A1 + AMS
Date and Place Built	: 2004, New built China

PERFORMANCE

Speed	Max. 12.5 Knots
	Service 12 Knots
CSR	85 % of MCR

Fuel Consumption & Endurance

Maximum Speed at 100% MCR	143 USG per Hour
Service Speed at CSR	124 USG per Hour
In port with one Generator	7.4 USG per Hour
Endurance with service speed CSR	4000 Miles
Type of Fuel	MOD

MACHINERY

Main Engines	Caterpillar 3512B X 2 Sets 1500X 2 (Total B.H.P)
Main Generators	Cummins 6CTA8.3D(M) 2 Sets
Emergency Generator	Lister Peter CS4A X 1 Set
Propulsion	2 Fixed Pitch Propellers
Bow Thruster	3 Ton Thrust/ CAT 3126 B Sr. No. 3GS 02051

MISCELLANEOUS

Fuel Oil Transfer Pump	1 No. 3M ³ /hr @20mhead
Cargo Fuel Oil Discharge Pump	1 No.50Cu.M/hr@45mhead
Fresh Water Discharge Pump	1 No.50Cu.M/hr@45mhead
Oil Spill Dispersant System	2 x 6.0M
Burner Boom	1 No.
Water Curtain System	Yes
Bilge & Ballast Pump	2 Nos. 3M ³ /hr @50mhead
GS & Fire Pump	1No. 3M ³ /hr @50mhead
Emergency Fire Pump	1 No.35Cu.M/hr@40mhead
Dirty Oil Transfer Pump	1No. 3M ³ /hr @20mhead
Sewage Transfer Pump	1No. 5M ³ /hr @20mhead

ACCOMMODATION

Berth	Company's Staff	10
	Crew	18

All cabins are fully airconditioned

RADIO , NAVIGATION & COMMUNICATION EQUIPMENT

GMDSS	A1
Navigation Lights	1 Set
Clear View Screen	2 Sets
Radar	1 Set - Furuno 1942 Mk2
Echo Sounder	1 Set - Furuno FCV668
Magnet Compass	Saura MR 150A
Up-to Date Deviation Curve	Yes
EPIRB	1 Set
Navtex	1 Set
VHF Radio	2 Sets Furuno FM8500
Public Addresser	1 Set
Intercom	3 Sets
DGPS	1 Set Furuno GP 36
Search Lights	2 sets x (1.0kw)
Aft Control	Yes
Cargo Light for	Yes
Motor Siren or	1 Set
Rudder Indicator	1 Set

FIRE FIGHTING & LIFE SAVING EQUIPMENT

External

Fire Pump	Capacity 120 cub.M/hr
Fire Monitors	1 Set
Foam Chemical Tank	3 Cu. M
Life Rafts	4 Sets
	Port 2x 20 Men Capacity
	Starboard 2x 20 Men Capacity
Rescue Boat	1 No.
Portable Fire Extinguishers	12 Nos.
Fixed Co2 System	Yes
Heat Detectors	7 Nos.
Smoke Detectors	26 Nos.
Bell Fire Alarms	3 Nos.

CARGO CAPACITIES / TANK CAPACITIES

Fuel Oil	165 Cu. M
Fresh Water	165 Cu. M
Ballast Water Tank	110 Cu. M
Lub Oil	3 Cu. M
Sewage	8 Cu. M
Sludge	3 Cu. M
Dirty Oil	9 Cu. M
Dispersant	2 Cu. M
Capacity of Dry Provision Store	6.5 cub meter
Capacity of Cold Store	7.3 cub meter
Capacity of Frozen Store	7.0 cub meter

DECK EQUIPMENT

Anchor	Each 1020 Kg	1 Set - Port
		1 Set - Starboard
Anchor windlass		One (3.4 Tonnes)
Deck Crane		1No. Palfinger PTM 850/20
		Hydraulic Revolving Deck Crane
		3.5 Tons at 20.0M radius.

