

ASTRO ARCTURUS

66 Men (up to 90 POB) Accommodation Class ABS+ A1 Offshore Support
*AMS, DPO Work Maintenance Vessel, 4 Point Mooring System

PRINCIPAL PARTICULARS

Length OA	61.2M
Breadth Moulded	16M
Depth	6M
Draft Moulded	4.5M
GRT	2042T
Class	BV
Flag	Marshall Island
Year Of Build	2010, China
Deadweight	1623TI

PERFORMANCE

Max Speed	12,5 Knots
Economic Speed	8 Knots
Deck Cargo Area	345M2

CAPACITIES

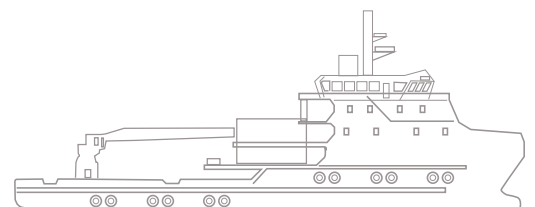
Deck Cargo	300T
Deck Dimension	26.8 X 12.9M
Deck Area	345M2
Deck Strength	7.5T/M2
Portable Water	540M3
Fuel Oil	640M3
Cooler Room	10.5M3

DECK EQUIPMENT

Capstans	2 X 5 Ton@15M/MIN
Tugger Winch	2 X10 Ton @15 M/MIN
Deck Crane	Seatrax S5624 30T SWL Kingpost Marine Crane
Crane Capacity	30MT SWL - 30MT @7M Radius - 6.3MT @38M Radius
Crane Boom Length	38M

PROPULSION AND MACHINERY

Bhp	4000 BHP
Main Engines	2 X 2000 BHP
Type	Niigata 6L26HLX 2 X
Propulsion System	2000ps / Niigata Z-peller ZP 31 Azimuth Thrusters
Main Generator	2x370 KW,415/3HP/50HZ
Bow Thruster	1 X 8T THRUST



ACCOMMODATION

Single Berth Cabins	6 X 1 Men
Double Berth Cabins	7 X 2 Men
Four Berth Cabins	16 X 4 Men
Total	66 Berth, Up To 90 POB
Conference Room	1 Room/ 2 offices 1 x Gyrocompass

DISCHARGE

Fresh Water	1 X 100M3/H @60M/Head
Ballast/drill	1 X 100M3/H @60M/Head
Water Fuel Oi	1 X 100M3/H @60M/Head

LIFE SAVING EQUIPMENT

Rescue Boat	1 X 6 Persons
Life Rafts	12 X 25 Persons
Life Jackets	150 Sets

ANCHORING EQUIPMENT

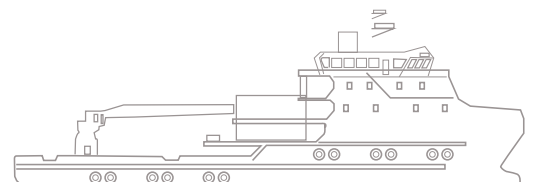
Windlass	10T@15/MIN
Mooring System	8 X 160M Polypro Ropes
Anchors	2 X AC14 Anchors HHP 1575
Chain Cables	Chain Cable 2 X 330 M Grade 2 HS Stud Link Chains.
Four Point Mooring	4 X Electro Hydraulic Drive Self-Spooling Mooring Winches, Each 50T Pull @ 10M/min At 1st Layer. Brake Load Of 120T. 1000M X42MM Dia SWR 4x4000KG High Holding Power Anchor Flipper Delta Anchor C/w Anchor Rack

AUXILIARY ENGINES

Diesel Generators	2 X 375KW
Emergency Generators	1 X 82KW, 415V
Power Supply System	415V X 3 PH X 50HZ

GANGWAYS

1 Aluminium Gangway	3 M
1 Aluminium Gangway	8 M
1 Aluminium Gangway Platform	15 M X 0.9 M 2 TONS



OTHERS

Water Making Plant	2 X Reverse Osmosis/capacity 30 T / Day
Food Waste Disposers	1 X Disposer Capacity 500kg, 1 X Garbage Waste-700l
Hot Water Calorifier	1 X 500 L
Sewage Plant Laundry Room	1 Unit For 90 Persons 1 Room C/w 10kg Of Washer & Dryer

GENERAL ARRANGEMENTS

GENERAL ARRANGEMENT PLAN

