



GAC Marine (Turkmenistan)
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Shirin AHT



GENERAL:

| | |
|-------|---|
| Built | 2010, Pacific Ocean Eng. & Trading Pte Ltd, Singapore |
| Flag | Turkmenistan |
| Class | BV |

MAIN DIMENSIONS:

| | |
|-----------------|--------|
| Length Overall | 41.8 m |
| Beam Moulded | 10.0 m |
| Depth Moulded | 4.6 m |
| Draft (Max) | 3.2 m |
| Free Deck Space | 100 m |
| Cargo Capacity | 100 MT |

TONNAGE:

| | |
|-----|----------|
| GRT | 573 Tons |
| NRT | 172 Tons |
| DWT | 330 Tons |

MACHINERY:

| | |
|---------------------|---------------------------------|
| Main Engines | 2 x Yanmar 8N21N-EN |
| Break Horsepower | 3600 BHP |
| Generators | 3 x Volvo D9-MG 225KW |
| Emergency Generator | N/A |
| Bow Thruster | 3.5 Tons |
| Propulsion | 2 x FP propellor in Kort Nozzle |
| Rudders | 2 x Azimuth |

SPEED & CONSUMPTION:

| | |
|-----------------------|---|
| Maximum Speed | 12 Knots |
| Service Speed | 10 Knots |
| Estimated Consumption | Free running TBC 7 m ² /hr Towing TBC 13 m ² /hr |

TANK CAPACITIES:

| | |
|---------------------|---------------------|
| Marine Gas Oil | 270 m ³ |
| Potable Water | 77 m ³ |
| Fresh water Ballast | 39.7 m ³ |
| Oil Recovery Tank | 6.9 m ³ |

ACCOMMODATION:

| | |
|------------------|--|
| Air-conditioning | Fully air conditioned |
| Walk-in cooler | 5.2 m ³ |
| Walk-in freezer | 5.2 m ³ |
| Berths | 2x 1 man, 4 x 2 men 2 x 4 men Total 18, 7 passengers, crew 11 |

TOWING & A/H EQUIPMENT

| | |
|------------------------------|-----------------------------------|
| Bollard Pull | 46 Tons |
| Towing/Anchor handling Winch | Zicom 75T @ 6m/min, brake 125T |
| Wire Dimensions | 2 x 800m, 46mm |
| Stern Roller | SWL,200 T, L 3.3m x D 1.8m |
| Shark Jaws | SWL 160T |
| Towing Pins | SWL 160T |
| Tugger Winch | 1 x 5T @15 m/min |
| Anchor Windlass | Zicom 2.8 T @ 12m/min, 28mm chain |
| Capstan | Zicom 3T, 15mmin |

RADIO & NAVIGATION EQUIPMENT:

| | |
|---|------------------------|
| GMDSS | Furuno FS 2570C |
| SAT-C | Furuno Felcom 15 |
| Radar | Furuno |
| Gyro Compass | Sperry Navigat X MK II |
| Auto Pilot | SIMRAD AP50 |
| Echo Sounder with repeater at Aft console | Furuno FE-700 |
| Navtex | Mcmurdo ICS Nav 7 |
| EPRIB | Mcmurdo Smartfind E5 |
| SART | Mcmurdo S4 |
| AIS | Furuno FA 150 |
| ECDIS | N/A |

FiFi SYSTEM: FFS600/150LB

| | |
|-------------------------|---------------------|
| Fire Monitor | Fi-Fi ½ |
| Pump Capacity | 1500 m ³ |
| Horizontal Throw | L 120m x H 60m |
| Foam Capacity | 4.68 m ³ |
| Oil Dispersant Capacity | 4.68 m ³ |

MISCELLANEOUS

Sewage plant for 20 men
 Sewage tank 1.5 m³
 Fuel oil pump 50 m³/hr@ 50 m
 Potable water 50 m³/hr@ 50 m
 Rescue boat 6 man

This vessel specification is given in good faith and assumed to be correct but is not guaranteed