



Web [www.gacworld.com](http://www.gacworld.com)

## MARZHAN



### AHTS / Safety Standby Vessel

#### DP 1 – FiFi 1

##### GENERAL:

Built	2009
Flag	Kazakhstan
Class	ABS

##### MAIN DIMENSIONS:

Length Overall	59.25m
Beam Moulded	14.95 m
Depth Moulded	6.1 m
Draft (Max)	4.95 m
Free Deck Space	350m <sup>2</sup>

##### TONNAGE:

GRT	1678tons
NRT	503tons
DWT	1400tons
Deck Cargo	500tons
Deck Strength	7.5t/m <sup>2</sup>

##### MACHINERY:

Main Engines	2 x Caterpillar of 2575 bhp each
Break Horsepower	5150BHP
Generators	3x Caterpillar 350 Kw Ea
Bow Thruster	1 x 6 t
Propulsion	2 x CPP

##### SPEED & CONSUMPTION:

Max Speed	19t/24H @ 13 knots
Service Speed	6t/24H @ 8 knots

##### TOWING & A/H EQUIPMENT

Bollard Pull	66 tons
Anchor Winch	Hydraulic D.D. Waterfall 150T@ 6m/min, 200T at brake load
Drum storage	1000 m diameter x 2"
Stern Roller	5m x diameter 1.6 m
Tugger Winch	2x 10mt
Stern Capstans	2 x 5mt
Pusher Bow	Fully fendered and strengthened for tanker lifting
Forward Line Handling	Bow equipment configured for tanker lifting

##### TANK CAPACITIES:

Marine Gas Oil	715 m <sup>3</sup>
Ballast / Drilling	220m <sup>3</sup>
Potable Water	264m <sup>3</sup>
Liquid Mud	255 m <sup>3</sup>
Bulk Plant	4 x 46 m <sup>3</sup>

##### RADIO & NAVIGATION EQUIPMENT:

Radars	2 x Furuno
VHF / SSB	Furuno - 2 x VHF 1 x SSB
Depth Sounder	Furuno FE700
Auto Pilot	NP60
GPS	1 x Furuno
Satellite Communications	Furuno Felcom Sat C

##### STAND BY MODE SAFETY EQUIPMENT:

Life Rafts	3 x 25 man
Life jackets and buoys	As per SOLAS
Rescue Boat	Zodiac RIBO 4.2
FRC	10 Person hyd davit launched water jet diesel 7.2m self righting FRC.
Hospital	Fully Equipped

##### OIL SPILL RESPONSE EQUIPMENT:

OSR Equipment fitted	Tier 1
----------------------	--------

##### FIRE FIGHTING/ANTI POLLUTION

FiFi 1 Capacity	2 x 1500m <sup>3</sup> /hr at 13 Bar
-----------------	--------------------------------------

##### ACCOMMODATION:

Air conditioning	Fully air-conditioned
Berths 2x1 =2	Crew: 12 Berths
2x2 =4	Passengers 30 Berths
9x4 =36	Total 42 Berths

##### DISCHARGING CAPACITIES

Fuel Oil:	150m <sup>3</sup> /hour at 60m
Potable water:	100m <sup>3</sup> /hour at 60 m
Drill water:	100m <sup>3</sup> /hour at 60m
Bulk:	28 to 50 m <sup>3</sup> /hour
Liquid mud:	2 x 70 m <sup>3</sup> /hour