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# AYNA

## Anchor Handling Tug Supply

**GENERAL:**

Built	MTZ ,Japan, June 1983
Flag	Turkmenistan
Class	BV

**MAIN DIMENSIONS:**

Length Overall	52.00m
Beam Moulded	12.00 m
Depth Moulded	4.05 m
Draft (Max)	3.60 m
Free Deck Space	224 m <sup>2</sup>

**TONNAGE:**

GRT	742 tons
NRT	222 tons
DWT	1665 tons
Deck Cargo	325 tons
Deck Strength	5t/m2

**MACHINERY:**

Main Engines	2 x Daihatsu 6-DSM32 of 2100BHP each at 600 rpm
Break Horsepower	4200 BHP
Generators	3 x Volvo TMD 102 144Kw/440V/60HZ
Bow Thruster	1 x 200 hp X 1.6T
Propulsion	2 x fixed pitch propellers

**SPEED & CONSUMPTION:**

Max Speed	14t/24H @ 13.6 knots
Service Speed	6.5t/24H @ 9 knots

**TOWING & A/H EQUIPMENT**

Bollard Pull	55 tons
Anchor Winch	Hydraulic D.D. Waterfall 120T@ 6m/min, 110T at break load
Drum storage capacity	800 m x diameter 2"
Stern Roller	3.1m L x 1.52m D x 150T
Tugger Winch	2x 3.6T
Capstans	N/A

**TANK CAPACITIES:**

Marine Gas Oil	424 m <sup>3</sup>
Ballast / Drilling	184 m <sup>3</sup>
Potable Water	307 m <sup>3</sup>
Liquid Mud	200 m <sup>3</sup>
Bulk Plant	92 m <sup>3</sup>

**RADIO & NAVIGATION EQUIPMENT:**

Radars:	2x Furuno (48 ml.)
Radio(s):	(2) VHF (1) SSB
Fathometer :	Furuno
Auto Pilot:	Tokyo Keiki
Global Positioning:	Furuno
Satellite Communications :	Thrane Sat C

**SAFETY EQUIPMENT:**

Life Rafts	2x25 man
Life jackets and buoys as per regulations	33
Zodiac RIB / HP Yamaha	40 Main Deck

**FIRE FIGHTING/ANTI POLLUTION**

Pump Capacity	600m3 /hr at 13 Bar
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**ACCOMMODATION:**

Air conditioning	Fully air-conditioned
Berths 5x1 =5	Crew: 14 Berths
3x2 =6	Passengers 2 x4 Berths
3x4 =12	1x1
	Total 23 Berths

**DISCHARGING CAPACITIES**

Fuel Oil:	80m3/hour at 60m
Potable water:	80m3/hour at 60 m
Drill water:	80m3/hour at 60m
Bulk:	40 m3/hour
Liquid mud:	60 m3/hour at 50m head

**REFRIGERATED STORAGE:**

Freezer/ Chiller+ plugs for additional refrigerating containers
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This vessel specification is given in good faith and assumed to be correct but is not guaranteed