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BAKHAR

ANCHOR HANDLING TUG

GENERAL:

Built	J. Patt Je Groningen, Netherlands, 1981
Flag	Turkmenistan
Class	X I 3/3 E. B.V.

MAIN DIMENSIONS:

Length Overall	53.55 m
Beam Moulded	11.50 m
Depth Moulded	5.50 m
Draft (Max)	4.56 m
Free Deck Space	230 m ²

TONNAGE:

GRT	851.31 tons
NRT	400.29 tons
DWT	1,015 tons
Deck Cargo	475 tons
Deck Strength	6 t/m ²

MACHINERY:

Main Engines	2 x Wichmann
Break Horsepower	4,000 BHP
Generators	2 x 250 Kw Diesel
Alternators	1 x 412 Kw shaft driven
Bow Thruster	1 x 400 hp, 4.6 tons thrust
Propulsion	2 x variable pitch propellers in fixed nozzles

SPEED & CONSUMPTION:

Max Speed	13t/24H @ 13 knots
Service Speed	9.5t/24H @ 10 knots
Standby	0.5t/24H

TOWING & A/H EQUIPMENT

Bollard Pull	50 tons
Anchor Winch	Hydraulic D.D. Waterfall 100T @ 6m/min, 170T at break load
Drum storage capacity	1000m x 54 mm, 750m x 52mm
Stern Roller	SWL 100 tons, (L) 3.6m x (D) 1.1m
Tugger Winch	1 x 10 tons
Capstans	2 x 5 tons



MOORING EQUIPMENT

Anchors	2x 970 Kgs , + 1 spare
Shackles	12 shackles each side
Windlass	1 x 6.6T @ 18m/min

TANK CAPACITIES:

Marine Gas Oil	343 m ³
Ballast / Drilling	348 m ³
Potable Water	254 m ³
Liquid Mud	162 m ³
Bulk Plant	2x 44m ³ , 2x 25m ³

RADIO & NAVIGATION EQUIPMENT:

Gyro compass, gyro pilot
Magnetic compass, depth sounder, speed log
2 search lights of 2,000 W each
2 Radars
1 Radiotelephone of 1.6 at 23 MHz output 800W
1 Radiotelephone of 1.6 at 8 MHz output 115W
2 VHF dual watch multichannels

SAFETY EQUIPMENT:

Life Rafts	2 x 25 men
SART	1
Zodiac Mark II	1with OB engine 25 BHP

Fifi SYSTEM:

Pump Capacity	1 x 600m ³ /h at 15 Bar
Water Guns	2 x 600m ³ /h, range 90 m

ANTI POLLUTION EQUIPMENT:

2 Ballast of 11 m ³ devoted for detergent product
1 Oil detergent proportionator : 50 m ³ /hour
2 x Spray booms of 7m each

ACCOMMODATION:

Air-conditioning	Fully air-conditioned
Berths	12x crew, 12x passenger, 1 x hospital - Total 25

MISCELLANEOUS

1 x F.O. Transfer Pump 100m ³ /h at 60m
1 x Drilling Water Pump 100m ³ /h at 60m
1 x Potable Water Pump 100m ³ /h at 60m
1 x Liquid mud 60m ³ /h at 100m & 25m,
1 x Bulk 30m ³ /h at 60m
Freezer Room 4.8m ³ , Cooler Room 4.8m ³

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