



DAMEN STAN TUG® 1907 "JÖTUNN"

GENERAL

YARD NUMBER	503403
DELIVERY DATE	November 2008
BASIC FUNCTIONS	Towing, pushing, mooring and fire fighting operations
CLASSIFICATION	Bureau Veritas I * HULL • MACH Tug Unrestricted Navigation
FLAG	Iceland
OWNER	Associated Icelandic Ports Faxaports, Iceland

DIMENSIONS

LENGTH O.A.	19.33 m
BEAM O.A.	7.33 m
DEPTH AT SIDES	3.39 m
DRAUGHT AFT	3.02 m
DISPLACEMENT	195 ton

TANK CAPACITIES

FUEL OIL	26.4 m ³
FRESH WATER	4.6 m ³
SEWAGE	1.7 m ³
BILGE WATER	1.3 m ³
LUB OIL	1.1 m ³
DIRTY OIL	1.0 m ³

PERFORMANCES (TRIALS)

BOLLARD PULL/AHEAD	26.7 ton
SPEED	11.6 knots

PROPULSION SYSTEM

MAIN ENGINES	2x Caterpillar 3508B TA/C
TOTAL POWER	1492 bkW (2000 bhp) at 1600 rpm
GEARBOXES	2x Reintjes WAF 562L 5.05:1
PROPELLERS	2x Kaplan II fixed pitch propeller
STEERING GEAR	Powered hydraulic 2x 45°, with rudder indicator
NOZZLES	2x 1800 mm Van de Giessen Optima
RUDDERS	2x streamlined, double plate
BOWTHRUSTER	HRP, 80 kW, hydraulically driven

AUXILIARY EQUIPMENT

GENERATOR SET	Caterpillar C4.4, 230 / 400 V, 63.5 kVA, 50 Hz
BATTERY SETS	2x 24 V 400 Ah + change over facility
ALARM SYSTEM	Engines, gearboxes + bilge alarm
RIG GF PUMP	Sterling WWSI 5013, 24 m ³ /hr at 10 m.w.g.
FUEL OIL SYSTEM	1x ME driven, 1x electrically driven
COOLING WATER SYSTEM	Duplex filters, water separator + SOS valve
FRESH WATER SYSTEM	Closed cooling system
VENTILATION	Electrical hydrophore and sewage pump
	2x Salor, HU60, cap. 15.000 m ³ /hr, electrically driven

DECK LAY-OUT

ANCHORS	2x 180 kg Pool (HHP)
CHAIN	275 m shortlink chain 16mm
ANCHOR WINCH	Kraaijeveld, electrically driven with warping head
TOWING HOOK	Mampaey, disc type SWL 450 kN
TOWING WINCH	Kraaijeveld 10 ton at 10 m/min.
FENDERS	Rubber D-fendering around the hull and rubber block fender with 7 heavy tires at the bow
LIFE RAFTS	Two on top deck, 6 persons each

ACCOMMODATION

Accommodation for 3 persons, completely insulated and finished with durable modern linings, acoustical Dampa ceiling in the wheelhouse and Bolidt floating floors. Heated accommodation, with Captain's cabin, double crew cabin, a messroom, galley and sanitary space below main deck.

NAUTICAL AND COMMUNICATION EQUIPMENT

SEARCHLIGHT	2x Pesch, 24V, 500 W
RADAR	Furuno FR-1505 MK3
SATELLITE COMPASS	Furuno SC-50
AUTOPILOT	Simrad, AP-50
NAVIGATION SOFTWARE	Max Sea professional
GPS	Furuno GP-150
VHF RADIO'S	2x Sailor RT5022 with DSC
SSB	Furuno FS-1570
AIS	Furuno FA-150
NAVTEX	Furuno NX-700
ECHOSOUNDER	Furuno LS-6100