



# STAN TUG<sup>®</sup> 4011

Ordered by : Kompania Di Tou Korsou

BUILT UNDER LICENCE FROM A SHIPBUILDING KIT SUPPLIED BY DAMEN TECHNICAL COOPERATION

#### GENERAL

YARD NUMBER	512010
DELIVERY DATE	April 2010
BASIC FUNCTIONS	Towing, anchor handling, fire fighting and pollution control
CLASSIFICATION	Lloyd's Register
FLAG	Panama
OWNER	Kompania Di Tou Korsou
BUILDING YARD	PT Dumas Shipyard - Indonesia

#### DIMENSIONS

LENGTH O.A.	40.75 m
BEAM O.A.	11.22 m
DEPTH AT SIDES	5.00 m
DRAUGHT AFT	5.12 m
DISPLACEMENT	1245 ton

#### TANK CAPACITIES

FUEL OIL	330.5 m <sup>3</sup>
FRESH WATER	54.3 m <sup>3</sup>
FOAM	29.9 m <sup>3</sup>
DISPERSANT	8.9 m <sup>3</sup>
BILGE WATER	11.2 m <sup>3</sup>
DIRTY OIL	5.6 m <sup>3</sup>

#### PERFORMANCES

BOLLARD PULL	68.1 ton (m)
SPEED	12.0 knots

#### PROPULSION SYSTEM

MAIN ENGINES	2x Caterpillar 3516B TA HD/C
TOTAL POWER	3728 bkW (5000 bhp) at 1600 rpm
GEARBOXES	2x Reintjes WAF 873
PROPULSION	2x bronze Kaplan FFP
BOWTHRUSTER	820 mm, 215 kW

#### AUXILIARY EQUIPMENT

MAIN GENERATOR SETS	2x Caterpillar C9, 150 kVA, 230/400 V, 50Hz
HARBOUR GENERATOR SET	Caterpillar C4.4T, 64 kVA, 230/400 V, 50Hz
EMERGENCY GEN. SET	Caterpillar C4.4NA, 45 kVA, 230/400 V, 50Hz
BILGE PUMPS	2x Sterling, 50 m <sup>3</sup> /hr
BILGE WATER SEPARATOR	Facet CPS 2.5MkIII, 0.5 m <sup>3</sup> /hr
FUEL OIL PURIFIER	Westfalia OTC 2-02-137
FRESH WATER PRESSURE SET	Sihl HBK 201 - AOHA 1202, 110 liter
FRESH WATER HEATER	Gesta, 120 litres
FRESH WATER MAKER	Aquamar, 4.8 m <sup>3</sup> /day

#### DECK EQUIPMENT

AH/TOWING WINCH	Double drum waterfall type 10/29 m/min, with 800 meter towing wire, 52 mm diam.
TOWING HOOK	Mampaey SWL, 1000 kN
TUGGER WINCHES	2x Kraaijeveld, 7.5 ton at 15 m/min

#### ACCOMMODATION

Air-conditioned accommodation for 10 persons, completely insulated and finished with durable modern linings, acoustical Dampa ceiling in the wheelhouse and Bolidt floating floors. Captain, chief engineer cabin, four double crew cabins, galley, mess room and sanitary facilities.

#### NAUTICAL AND COMMUNICATION EQUIPMENT

RADAR SYSTEM	2x X-band
SATELLITE COMPASS	Furuno SC-50
AUTOPILOT	Simrad AP 50
GPS	Furuno GP-150
VHF/DSC	2x Sailor RT 5022, 25 Watt with DSC
SSB/DSC	Furuno FS-1570
INMARSATS	2x Furuno Felcom-15 Inmarsat C 1x Inmarsat Mini-M
NAVTEX	Furuno NX-700

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