



## KTK TRIBON

### GENERAL

TYPE	Damen ASD Tug 2810
BUILT	Damen Shipyards June 2010
CLASSIFICATION	Lloyd's Register ⚓ 100A1 Tug Fire Fighting Ship 1 (⚓) LMC UMS
IMO NUMBER	9510668
FLAG	Kingdom of the Netherlands / Curaçao
CALL SIGN	PJDF
GROSS TONNAGE	294
DEADWEIGHT	133 ton

### DIMENSIONS

LENGTH O.A.	28.67 m
BEAM O.A.	10.43 m
DEPTH AT SIDES	4.60 m
DRAUGHT AFT	4.83 m
DISPLACEMENT	570 ton

### TANK CAPACITIES

FUEL OIL	99.7 m <sup>3</sup>
FRESH WATER	14.9 m <sup>3</sup>
FOAM	7.9 m <sup>3</sup>
LUBRICATING OIL	8.8 m <sup>3</sup>
DIRTY OIL	3.1 m <sup>3</sup>
SEWAGE	2.2 m <sup>3</sup>
SLUDGE	3.1 m <sup>3</sup>
BILGEWATER	5.3 m <sup>3</sup>
DISPERSANT	4.6 m <sup>3</sup>
WATERBALLAST	15.7 m <sup>3</sup>

### PERFORMANCE

BOLLARD PULL AHEAD	60.0 ton
BOLLARD PUL ASTERN	58.8 ton
SPEED AHEAD	13.0 knots

### PROPULSION SYSTEM

MAIN ENGINES	2 x Caterpillar 3516B TA HD/C
TOTAL POWER	3678 bkW (4930 bhp) at 1600 rpm
AZIMUTH THRUSTERS	2 x Rolls Royce US 205
PROPELLER DIAMETER	2400 mm
FORCED VENTILATION	55.000 m <sup>3</sup> /hr.

### ACCOMMODATION

For 8 persons, insulated and finished with durable modern linings, acoustical Dampa ceiling in the wheelhouse, floating floors and air conditioned. With 5 cabins, galley, mess/dayroom, switchboard room, dry store and sanitary facilities.

### AUXILLIARY EQUIPMENT

GENERATOR SETS	2 x caterpillar C4.4 TA, 230/400V, 102.5 kVA, 50 Hz
BILGE PUMPS	2 x Sterling AKHA 5101 each 20 m <sup>3</sup> /hr.
FUEL PUMPS	Sterling AKHA 4101 and AOHA 3101
COOLING SYSTEM	Box cooling + anti-growth system
PRESSURE SET	Fresh water Sterling AOHA 1202
HYDRAULIC SYSTEM	Double main engine driven Pumps
OIL POLLUTION CONTROL	Dispersion pump set with 2 spray nozzles
FIFI SET	Diesel driven pump 2400 m <sup>3</sup> /hr (FIFI 1)
FIFI MONITOR	2 x 1200 m <sup>3</sup> /hr, water / foam

### DECK LAY OUT

ANCHORS	2 x 360 kg pool (high holding Power)
ANCHOR/TOWING EQUIPMENT	Hydraulically driven two speed winch with split drum and warping head, pull 35 ton at 9.2 m/min slack rope speed up to 27 m/min, 150 ton break.
CAPSTAN	5 ton at 15m/min. Electrically driven
CRANE	Heila HLM 25-2s, 2.7 ton at 8.60 m
TOWING HOOK AFT	Mampaey 65 ton
TOWING WINCH AFT	Hydraulically driven, two speed winch with spooling device and warping head. Pull 35 ton at 9.2 m/min, reduced pull up to 27.0 m/min, 150 ton break.
FENDERING	D-fender at sides, cylinder and W-block bow fender with water Spray

### NAUTICAL AND COMMUNICATION EQUIPMENT

SEARCH LIGHT	Pesh 450 W Xenon
RADAR SYSTEM	Aplhatron JMA 5212-4
COMPASS / AUTO PILOT	Magnetic Kotter / Simrad AP-50
SATELITE COMPASS	Furuno NX-700
GPS	Furuno GP-150
ECHO SOUNDER	Furuno LS-6100
VHF RADIO TELEPHONE	2 x Sailor RT5022 (one with DSC)
NAVTEX	Furuno NX-700
AIS	Furuno FA-150
SSB	Furuno FS-1570
INMARSAT + SPARE	Furuno Felcom 15
INMARSAT MINI M	Sailor TT-3064A

