



# CLYDE MARINE SERVICES LTD



## TWIN SCREW TUG

## CMS BRUISER

### GENERAL

DELIVERY DATE	May 2007
BASIC FUNCTIONS	Towing, mooring and pushing
CLASSIFICATION	MCA Workboat Code Cat 2 Bureau Veritas
NOTATION	I ✕ Hull • MACH Tug Unrestricted Navigation

### DIMENSIONS

LENGTH O.A.	19.3 m
BEAM O.A.	7.3 m
DEPTH AT SIDES	3.39 m
DRAUGHT AFT	2.95 m
DISPLACEMENT	135 ton
GRT	50.49

### TANK CAPACITIES

FUEL OIL	26.0 m <sup>3</sup>
FRESH WATER	4.4 m <sup>3</sup>
SEWAGE	1.7 m <sup>3</sup>

### PERFORMANCES

BOLLARD PULL AHEAD	28 ton(m)
SPEED	10.9 knots

### PROPULSION SYSTEM

MAIN ENGINES	2 X Caterpillar 3508B TA/B
TOTAL POWER	1492 bkW (2000 bhp) at 1600 rpm
GEARBOXES	2x Reintjes WAF 562L 1: 5.421
PROPELLERS	2x Bronze fixed pitch Promarin
NOZZLES	2x 1800 mm van de Giessen Optima

### AUXILIARY EQUIPMENT

GENERATOR SET	Lister Petter DWS 4
CAPACITY	29 kVA, 50Hz, 230/400V, 3 phase
CENTRAL HEATING	Kabola, oil fired boiler

### DECK LAYOUT

ANCHOR	2 x 48 kg Piool (High Holding Power)
CHAIN (TOT.)	80 m shortlink 13 mm U2/Q2
ANCHOR WINCH	Hand operated, Rek & Horsman
TOWING HOOK	Mampaey, SWL 370 kN
TOWING WINCH AFT	Hydraulically driven 10 ton pull at 10m/min or 5 ton at 23m/min. 60T brake. 300m at 38mm ø wire

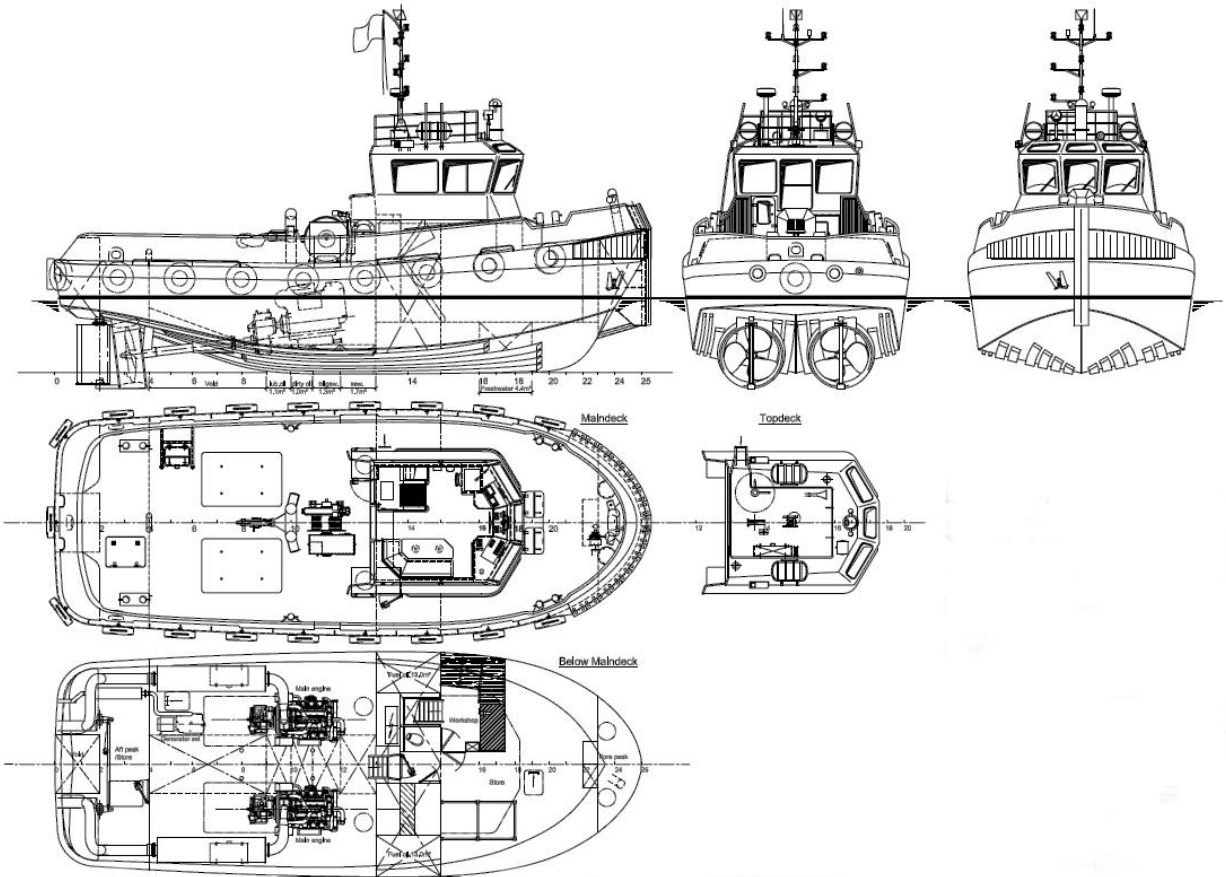
### ACCOMMODATION

The vessel is suited to transport 12 passengers, seated in the wheelhouse.

### NAUTICAL AND COMMUNICATION EQUIPMENT

RADAR SYSTEM	Koden MDC-1041
COMPASS	Magnetic, Cassens & Plath, Kotter type
VHF	Sailor RT4822
HANDHELD VHF	Motorola 340
CHART PLOTTER	Koden, GPS track display GTD-110
SEARCHLIGHT	24 V 250 W Pesch

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## CONTACT DETAILS

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