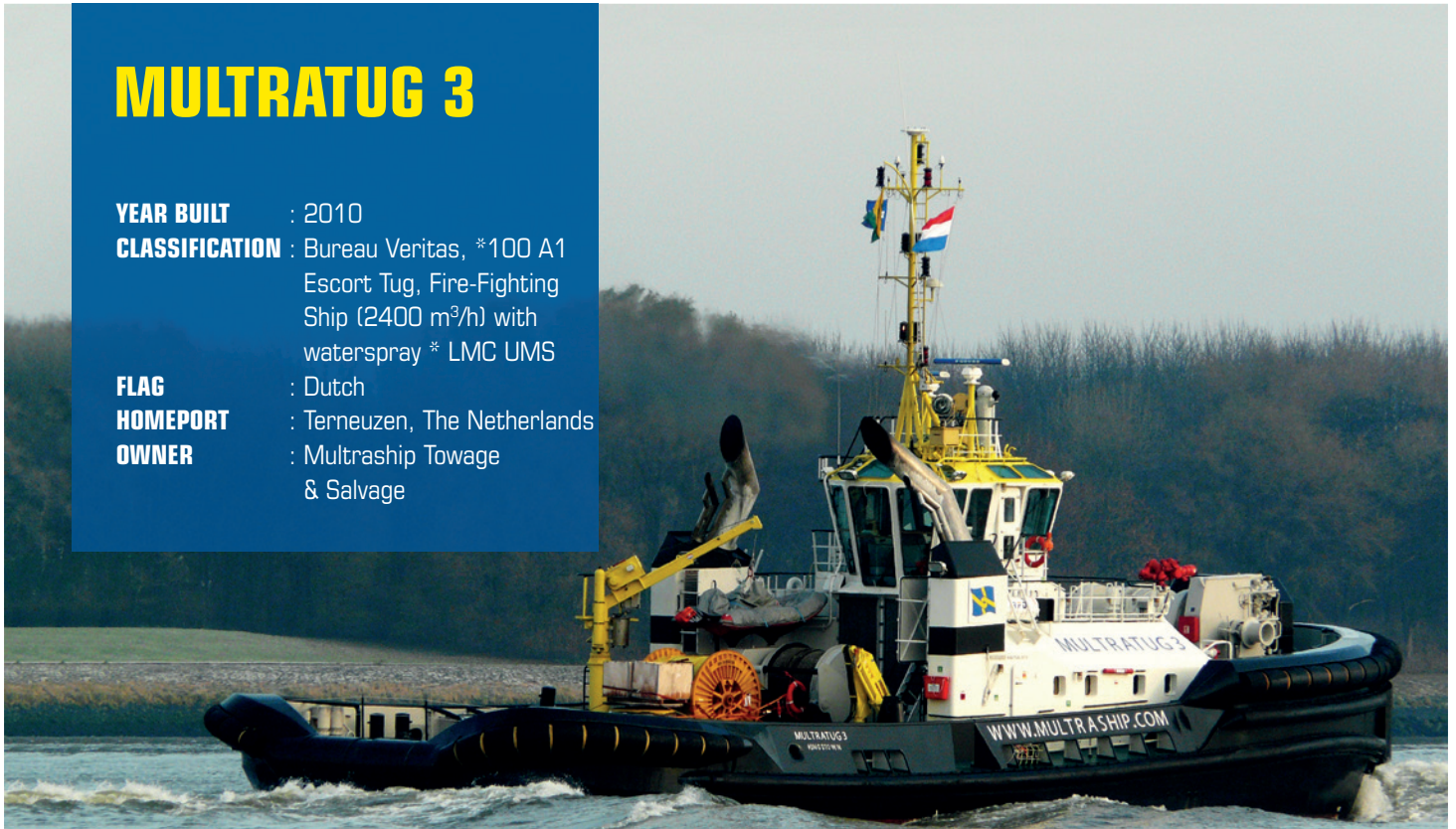


MULTRATUG 3

YEAR BUILT : 2010
CLASSIFICATION : Bureau Veritas, *100 A1
 Escort Tug, Fire-Fighting
 Ship (2400 m³/h) with
 waterspray * LMC UMS
FLAG : Dutch
HOMEPORT : Terneuzen, The Netherlands
OWNER : Multraship Towage
 & Salvage



DIMENSIONS

L.O.A. : 32.14 m
 L.B.P. : 29.55 m
 B.O.A. : 13.29 m
 Dept at side : 5.50 m
 Draught aft : 6.31 m
 Displacement : 1017 tons

PERFORMANCE

Bollard pull : 94.7 tons
 Speed : 13.7 knots

PROPULSION

Main engines : 2x Caterpillar C 280 – 8 / L
 Total power : 5420 bkW (7268 bhp) at 1000 rpm
 Propulsion : 2x Azimuth Thrusters Rolls Royce US 285
 Propeller type : Controllable pitch, 3000 mm diameter

FIFI 1 SYSTEM

Type : Main engine driven pumps,
 capacity 2x 1450 m³ / hr
 Monitors : 2x 1200 m³ / hr, water / foam

DECK LAY-OUT

Towing pin : Kooiman Delta Towing pin set with combined
 wire chather / chain stopper SWL 100T,
 max chain diameter 34mm, max wire
 diameter 64mm
 Tugger winch : Hydraulic driven, Cargo P60, Max pull 13T
 at first layer Electric driven, Garwold, max
 pull 3,5T at first layer
 Anchor : 2x 585 kg
 Chain : 330 m Ø 24 mm / U 2

Anchor/towingwinch : Hydraulically driven escort winch with
 double drum
 Type : Kraayeveld KAS – 100 – H – TR
 Capacity : 2x 150 m, Ø 104 mm
 Brakr capacity : 250 ton 2nd layer
 Towing winch aft : Kraayeveld KAS – 50 – H – TR
 Brake capacity : 250 ton 2nd layer
 Capacity : 1000 m, Ø 60 mm
 Stern roller : 126 ton SWL, 3 m
 Towing hook aft : 100 ton
 Capstan : 5 ton
 Deck crane : 1100 kg at 7.84 m

AUXILIARY EQUIPMENT

Main generator set : 2x Caterpillar C9 TA
 Capacity : 188 kVA
 Voltage, frequency : 230/400 V / 50 Hz

TANK CAPACITIES

Fuel oil : 200 m³
 Fresh water : 65.6 m³
 Lubrication oil : 10.7 m³
 Foam : 14.3 m³
 Dispersant : 3 m³
 Dirty oil : 4.9 m³
 Bilgewater : 4.9 m³

ACCOMMODATION

1-man cabin : 3 (three)
 2-men cabin : 3 (three)
 Messroom : 1 (one)
 Galley : 1 (one)

