GENERAL
YARD NUMBER 57105 (Damen Shipyards Hardinxveld)
DELIVERY DATE March 2017
BASIC FUNCTIONS Towing, mooring, pushing, anchor handling, dredge support
CLASSIFICATION I * HULL * MACH Tug unrestricted service AUT-UMS
REGULATIONS ILT unrestricted
OWNER V.O.F. Sleepboot ISA
DIMENSIONS LENGTH O.A. 27.02 m
BEAM O.A. 9.10 m
DEPTH AT SIDES 3.60 m
DRAUGHT AFT (APPROX.) 2.63 m
DISPLACEMENT (50% COND.) 370 Ton
GROSS TONNAGE 221 GT
TANK CAPACITIES FUEL OIL 125.1 m³
FRESH WATER 30.0 m³
LUBRICATION OIL 3.9 m³
HYDRAULIC OIL 1.5 m³
GEAR OIL 1.5 m³
DIRTY OIL 4.3 m³
BILGE WATER 4.3 m³
SEWAGE 2.2 m³
SLUDGE 1.4 m³
PERFORMANCES BOLLARD PULL AVERAGE 40.2 ton
BOLLARD PULL MAXIMUM 41.2 ton
SPEED 11.0 knots
PROPULSION SYSTEM MAIN ENGINES 2x Caterpillar 3512C TA/A
2238 kW (3000 bhp) at 1600 rpm
GEARBOXES 2x Reintjes WAF 665 / 5:95:1
PROPELLERS 2x 2100 mm Promarin fixed pitch propeller
NOZZLES Straathof / WK Hydraulics
“Optima” 200 bhp, hydraulically driven

AUXILIARY EQUIPMENT MAIN GENERATOR SETS
CAPACITY 2x Caterpillar C-4.4 TA
2x 86.3 kVA, 50 Hz, 230/400V
FUEL-OIL SEPARATOR 1x Caterpillar C-09 TA, 269 kW/1800 rpm
Westfalia OCT 2
DECK LAY-OUT ANCHOR
ANCHOR CHAIN
DECK CRANE
ANCHOR HANDLING/TOWING WINCH
CAPACITY TOWING PART
CAPACITY ANCH. H. PART
TOWING PINS
TUGGERWINCH

ACCOMMODATION Heated and air-conditioned living spaces for 7 persons, consisting of three single crew cabins and two double crew cabin, a galley/mess and sanitary facilities.

NAUTICAL AND COMMUNICATION EQUIPMENT
SEARCHLIGHTS 2x Pesch 2000W
MAGNETIC COMPASS 1x Cassens & Plath Reflecta 1
GYRO COMPASS 1x Anschütz Standard 22 Compact
RADAR SYSTEM 1x Furuno FAR-2117
GPS 1x Furuno GP 150D
AUTOPILOT 1x Radio Zeeland Seapilot 76
AIS 1x Furuno FA 150
ECHOSOUNDER 1x Furuno FE-700
VHF/DSC 2x Thrane & Thrane Sailor 6222 DSC Class A
SPEEDLOG 1x Furuno, Type DS-80
WATCH ALARM 1x Furuno Type 421
HANDHELD VHF 2x Jotron, TRON TR20
NAVTEX 1x Thrane & Thrane 6310
MINI-C SYSTEM GMDSS 1x Furuno NX-700
EPIRB 2x Thrane & Thrane, Type TT-3000E
INTERCOM 1x Jotron, Type Tron-40S
RADAR TRANSPODER 1x Sigma 700

OWNER V.O.F. Sleepboot ISA

DAMEN SHOALBUSTER® 2709 “ISA”