



THONG YONG GROUP

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THONG YONG

OTAGO

SHOALBUSTER 3209

PRINCIPAL PARTICULARS

BASIC FUNCTIONS	: Towing, Mooring, Pushing, Anchor Handling, Dredging Support
FLAG	: The Netherlands
CALL SIGN	: PCLK
IMO NUMBER	: 9605437
CLASSIFICATION	: Bureau Veritas I + HULL • MACH Tug Unrestricted Navigation AUT-UMS
YEAR BUILT	: 2013
PLACE BUILT	: Netherlands
LENGTH OVERALL	: 32.27m
BEAM OVERALL	: 9.35 m
DEPTH AT SIDES	: 4.40 m
DRAUGHT AFT	: 3.30 m
GROSS TONNAGE	: 327 tons

AUXILIARY EQUIPMENT

MAIN GENERATOR SETS	: 2x Caterpillar C 04.4, 107.5 kVA 50 Hz, 230/400V each
HYDRAULIC	: 1x Caterpillar C18 TA 357 kW 1800rpm
TRANSFER PUMPS	
FRESH WATER	: VWSI 8020 50 m³/h @ 4.8 bar
FUEL OIL	: VWSI 8020 50 m³/h @ 4.8 bar
FUEL OIL SEPARATOR	: West Falia OTC 2-02-137

DECK LAY-OUT

ANCHOR	: 2x 360 kg Pool (High Holding Power)
CHAIN	: 19 mm stud-link anchor chain 220 m
ANCHOR WINCH	: Ridderinkhof, hydraulically driven CAW-H-136
DECK CRANE	: Heila, HLRM 170-4SL, 7.9 ton(m) @ 15.93 m
ANCHOR	
HANDLING/TOWING WINCH	: DMT WAHTW-H 1000kN 100 ton @ 5 m/min (anchor) 150 ton break holding power
TUGGER WINCH	: 1 x Brevini 8 ton (m) @ 9 m/min
TOWING PINS	: 1 x WK hydraulics, triple pin type

ACCOMMODATION

Comfortable heated and air-conditioned accommodation for 6 persons in 4 cabins, galley, sanitary facilities, etc.

PROPULSION SYSTEM

MAIN ENGINES	: 2x CATERPILLAR 3512 B TA/C
TOTAL POWER	: 2,460 bkW (3,300 bhp) @ 1,600 rpm
GEAR BOXES	: 2x Reintjes WAF 772 / Ratio 6,44 : 1
PROPULSION	: 2x Promarin fixed pitch propellers
DIAMETER	: 2x 2,250 mm V.d. Giessen Optima Nozzles
BOWTHRUSTER	: 350 bhp, hydraulically driven

PERFORMANCE (TRIALS)

APPROX. SPEED	: 11.3 knots
BOLLARD PULL	: 47.5 tons (m)

TANK CAPACITIES

FUEL OIL	: 199.00 m³
FRESH WATER	: 40.80 m³
LUBRICATION OIL	: 7.30 m³
HYDRAULIC OIL	: 3.10 m³
DIRTY OIL	: 4.30 m³
BILGE WATER	: 4.30 m³
SEWAGE	: 3.30 m³

NAUTICAL AND COMMUNICATION EQUIPMENT

According to GMDSS Area 3

SEARCHLIGHTS	: 2x Pesch 2000W
MAGNETIC COMPASS	: 1x Cassens & Plat, Reflecta 1
GYRO COMPASS	: 1x Anschuetz 22
WATCH ALARM	: 1x Marble 421
RADAR	: 1x Furuno, FAR-2117
GPS	: 1x Furuno, GP-150D
AIS	: 1x Furuno, FA-150
AUTOPILOT	: 1x Radio Zeeland, Seapilot 75
ECHOSOUNDER	: 1x Furuno, FE-700
SPEEDLOG	: 1x Furuno, DS-80
VHF RADIO TELEPHONE	: 3x Sailor, RT5022 2x DSC
HANDHELD VHF	: 2x Jotron, TR20
NAVTEX	: 1x Furuno, NX-700
SSB	: 1x Furuno, FS-1570
INMARSAT - C	: 2x TT-3000E
INTERCOM	: 1x Sigma 700

Particulars given are entirely without warranty as to correctness and interested parties must satisfy themselves by inspection of ship's certificate or by other means of vessel specifications.

