



THONG YONG GROUP

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THONG YONG

OHSU

31M Twin Screw Tug

PRINCIPAL PARTICULARS

OPERATING AREAS	: Sea Areas 1 + 2 + 3
TYPE OF SHIP	: Ocean Going Twin Screw Tug
FLAG	: Tuvalu
OFFICIAL NUMBER	: 1199
CALL SIGN	: YDA 4361
IMO NUMBER	: 9508275
CLASSIFICATION	: GL (Germanischer Lloyd)
YEAR BUILT	: 2008
PLACE BUILT	: Sibuluan, East Malaysia
LENGTH OVERALL	: 31.00 m <101.68 ft>
REGISTERED LENGTH	: 28.50 m <97.00 ft>
BREADTH	: 9.00 m <29.52 ft>
DEPTH	: 4.00 m <13.12 ft>
DESIGNED DRAFT	: 3.20 m <3.20 ft>
GRT / NRT	: 294 / 89



PROPULSION SYSTEM

MAIN ENGINES	: CUMMINS KTA38-M2 MARINE DIESEL 2 x 1,200 HP @ 1800 rpm (2 x 895kW)
GEAR BOX	: 2 x REINTJES WAF 562L / Ratio 5.947:1
AUXILIARY ENGINE	: 2 x CUMMINS 6BT5.9D (M)
ALTERNATOR	: 2 x STAMFORD UC.M274E1 Output: 80kW
FUEL OIL PURIFIER	: OTC 2-02-137 WESTFALIA GERMANY
OILY WATER SEPARATOR	: CYF - 0.5Y x 01
PROPELLERS	: 2 x SOLID 4 BLADES MANGANESE BRONZE <i>Completed with MILD S KORT NOZZLE</i>

PERFORMANCE

MAXIMUM SPEED	: 11 knots
ECONOMICAL SPEED	: 9 knots
BOLLARD PULL	: Max. 31.8 metric tons

CARGO CAPACITIES

FUEL OIL	: Approx. 235.00 m ³
FRESH WATER	: Approx. 33.00 m ³
BALLAST (F.W.)	: Approx. 36.00 m ³
LUBE OIL TANK	: Approx. 4.20 m ³
DIRTY OIL TANK	: Approx. 1.90 m ³
GEAR OIL	: Approx. 1.90 m ³
ACCOMMODATION	: 15 Persons

STERN TUBES & SHAFTING

- * Water Lubrication Stern Tubes with BTC Cutlass B
- * 2 x Length Stainless Steel (AISI 316) Tail Shaft

STEERING GEAR SYSTEMS

- *1 x 3.0 tons Electro-Hydraulic Steering Gear with Joystick (Joystick Steering + Emergency Helm)
- Double Steering Station (Bridge FWD and AFT)

TOWING

ANCHOR WINDLASS	: 22mm U2 / ME 2.1 THWL22C330 Anchor Windlass c/w Double Gypsy & Double Drum
BOW ANCHOR	: 2 x Stockless each 570kgs
CHAIN CABLE	: 302.5m total length, 22mm dia, Grade 2
TOWING HOOK	: 30T SWL Towing Hook Op
TOWING WINCH	: 30T Drum Pull and 100T Brake Single Drum Towing Winch c/w Auto Wire Device & Drum Capacity of 650m x 42mm dia wire.

NAVIGATION EQUIPMENT

VHF RADIOTELEPHONE	: THRANE & THRANE SAILOR RT 2048 VH
SSB TRANSCEIVER	: FURUNO FS-1503 (SN: 3556-1166)
MARINE RADAR	: MARINE RADAR 1715 (SN: 4361-0947)
GPS NAVIGATOR	: FURUNO GP 32 (SN: 44235-1876)
ECHO SOUNDER	: FURUNO FCV 620 (SN: 8058-4097)
NAVTEX RECEIVER	: SARACOM NR-50 (SN: 4500649)
WEATHER FAX	: FURUNO FX 408 (SN: 2718-1909)
MAGNETIC COMPASS	: DAIKO T-150B (SN: 2093)
SATELLITE COMPASS	: KODEN KGC-1 w/ Auto Pilot
EPIRB	: MC MURDO SMART FIND E5 (SN: 100-12)
PORTABLE VHF RADIOS	: STANDARD HORIZON RADIO HX 380
3 GMDSS HANDHELD RADIOS	: SARACOM - RH60
INMARSAT C	: FURUNO FELCOM-15 (SN: 3561-1892)
PUBLIC ADDRESS AMPLIFIER	: SUPER ARROW PA-702

FIRE FIGHTING / LIFE SAVING APPLIANCES

LIFERAFT	: 2 x HNF-A15(96) for 25 Pax
LIFE BOUY	: SDF5556 (96) x 8 pieces
LIFE JACKET	: DF5564-1 x 16 pieces
FIREMAN'S OUTFIT	: DFX-I x 1 set with accessories
BREATHING APP.	: RHZK-6/30-II x 1 set
FIRE EXTINGUISHER	: 9 x 9kg ABC Dry Powder 1 x 45litre Trolley Foam
PORTABLE FIRE PUMP	: CF170F / 4.5HP, 3600rpm
RESCUE SART	: MC MURDO S4 (SN: S4/0819452)

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.

