



THONG YONG GROUP

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THONG YONG

MICHI

32M Twin Screw Tug

PRINCIPAL PARTICULARS

OPERATING AREAS	: Sea Areas 1 + 2 + 3
TYPE OF SHIP	: Ocean Going Twin Screw Tug
FLAG	: Singapore
OFFICIAL NUMBER	: 394222
CALL SIGN	: 9V7454
IMO NUMBER	: 9516636
CLASSIFICATION	: ABS (American Bureau of Shipping)
YEAR BUILT	: 2008
PLACE BUILT	: Wuhu Dajiang Shipbuilding, China
LENGTH OVERALL	: 32.00 m
REGISTERED LENGTH	: 30.14 m
BREADTH	: 9.20 m
DEPTH	: 4.60 m
DRAFT MAX. DESIGN	: 3.80 m
GRT / NRT	: 296 / 88



PROPULSION SYSTEM

MAIN ENGINES	: MITSUBISHI S6U-MPTK MARINE ENGINE 2 x 1,500 HP @ 1100 rpm (2 x 1119kW)
GEAR BOX	: 2 x HITACHI - NICO MGN1524-V2 / Ratio 3.97:1
GENERATOR	: 2 x CUMMINS 6CT8.3-D (M)
ALTERNATOR	: UCM274E STAMFORD 99kW/123.75kVA
FUEL OIL PURIFIER	: KYDR203CD-23 / 2.2kW 380V/50Hz
OILY WATER SEPARATOR	: USH-05 / 0.5m ³ /h
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	: 40 metric tons

CARGO CAPACITIES

FUEL OIL	: Approx. 250.00 m ³
FRESH WATER	: Approx. 40.00 m ³
DIRTY TANK	: Approx. 3.80 m ³
ACCOMMODATION	: 12 Persons

STERN TUBES & SHAFTING

- * Oil Lubrication Stern Tubes
- * 2 x Length Stainless Steel (AISI 316) Tail Shaft

STEERING GEAR SYSTEMS

- *Two (2) JAMSTRAM Type Twin S2-15-1-35
- Torque 1.5TM per rudder / Rudder Angle: 35 / 35 degree
- Steering Mode: Power, Elec., Twin Independent 3.0hp

TOWING

ANCHOR WINDLASS	: 22mm U2 / ME 2.1 THWL22C330 Anchor Windlass c/w Double Gypsy & Double Drum
BOW ANCHOR	: 2 x Stockless each 480kgs
CHAIN CABLE	: 302.5m total length, 22mm dia, Grade 2
TOWING HOOK	: 50T SWL; remote quick release control
TOWING WINCH	: 1 x ME40HTW Electro Hydraulic Double warping ends + remote control / Static Brake Hold: 100MT 700mx44mm Galvd. Steel Wire Rope / 1x60kW (2x30kW) Elethro-Hyd. P.Pack

SOUND SIGNAL APPLIANCES & NAVIGATION EQUIPMENT

VHF RADIOTELEPHONE	: ICOM IC-M504
SSB TRANSCEIVER	: ICOM M710 / ATU130
24N MARINE RADAR	: FURUNO 1832
GPS NAVIGATOR	: FURUNO GP 150
ECHO SOUNDER	: FUSO FEC 609
NAVTEX RECEIVER	: MC MURDO NAV-7
WEATHER FAX	: FURUNO FX 408
MAGNETIC COMPASS	: SAURA KEIKI MR-150A
EPIRB	: MC MURDO SMART FIND E5
PUBLIC ADD./TALK BACK	: HANSHIN HPA-7306
MINI C / GPS TRACKING	: KVH eTRAC
MARITIME MINI-M	: KVH TRACPHONE 252
INTERCOM SYSTEM	: 6 STATIONS GALAXY PHONE
WIND ANEMOMETER	: RM YOUNG 05103-58 / 06206H
AUTO PILOT	: FURUNO NAV PILOT 500
 AIS	: FURONO MODEL FA-150

FIRE FIGHTING / LIFE SAVING APPLIANCES

LIFERAFT	: 2 x HNF-A15(96) for 15 Pax
LIFE BOUY	: SDF5556 (96) x 8 pieces
LIFE JACKET	: XY5564-1 x 17 pieces
FIREMAN'S OUTFIT	: DFXF-93-A 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

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.

