

# TAHA DUA – FAST CREW/UTILITY VESSEL (FUV) BRIEF VESSEL SPECIFICATIONS



## TAHA DUA



### GENERAL

VESSEL NAME	TAHA DUA
OWNER	THT-Powertium Marine Sdn. Bhd.
FLAG	Malaysia
PORT OF REGISTRY	Port Kelang, Malaysia
IMO NUMBER	9456056 CALL SIGN: 9MFK2
BUILDER	DAMEN Shipyard, Tuas, Singapore
DATE OF DELIVERY	March 2008
HULL MATERIAL	Aluminium
SUPERSTRUCTURE	Aluminium
CLASSIFICATION	Bureau Veritas (BV) Hull • MACH

### DIMENSIONS

LENGHT O.A.	33.57 m
BEAM O.A.	7.36 m
DEPTH AT SIDES	3.30 m
DRAUGHT AFT (APPX)	1.95 m

### CAPACITIES

FUEL OIL	50.00 m <sup>3</sup> (25.0 m <sup>3</sup> + 25.0 m <sup>3</sup> )
FRESH WATER DOMESTIC	5.00 m <sup>3</sup>
FRESH WATER BALLAST	19.80 m <sup>3</sup>
WASTE WATER	1.40 m <sup>3</sup>
PASSENGERS	58 persons
CREW	7 persons
DECK SPACE	75.00 m <sup>2</sup>
DECK CARGO	20.0 ton
MAXIMUM DEADWEIGHT	65.0 ton
DECK STRENGTH	2.5 t/m <sup>2</sup>

### PERFORMANCE

SPEED	24.0 knots (cruising) Max 27.0 knots
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FUEL CONSUMPTION	535 l/hr or max 631 l/hr
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### PROPULSION SYSTEM

MAIN ENGINES	3 x Caterpillar x C32 B
TOTAL POWER	2460 bkW (3300bhp)@2100rpm
GEARBOXES	3 x Reintjes WVS430
PROPELLERS	3 x Fixed pitch propellers

### ELECTRICAL EQUIPMENT

GENERATOR SET(S)	2 x 64.5 kW; 240V/415V 60Hz
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### DECK LAY-OUT

ANCHORS	Electrically operated - 96kg According to classification regulation
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### LIFE SAVING EQUIPMENT

LIFE BUOYS	8
LIFE JACKETS	86
LIFE RAFTS	4 x 20 persons
FIRE MAN'S OUTFIT	2 x incl. 2 x fire axes and 2 x SC Breathing Apparatus
INTERNAL FIRE-FIGHTING	Fixed gas flooding system in Engine Room (NOVEC) Portable extinguishers according to class
GAS DETECTION	Permanent gas detection and portable handheld gas detector (MSA)

BINOCULARS	1 x Bushnell Night-Vision Moonlight Series 26-3150
DAVIT/RESCUE CRAFT	Zodiac 6 pax rescue craft with 25hp out board motor

### AUXILIARY SYSTEMS

MECH. VENTS	Axial flow fans
BOWTHRUSTER	1 x 75 kW, Promac BV, Hydraulic

### ACCOMMODATION

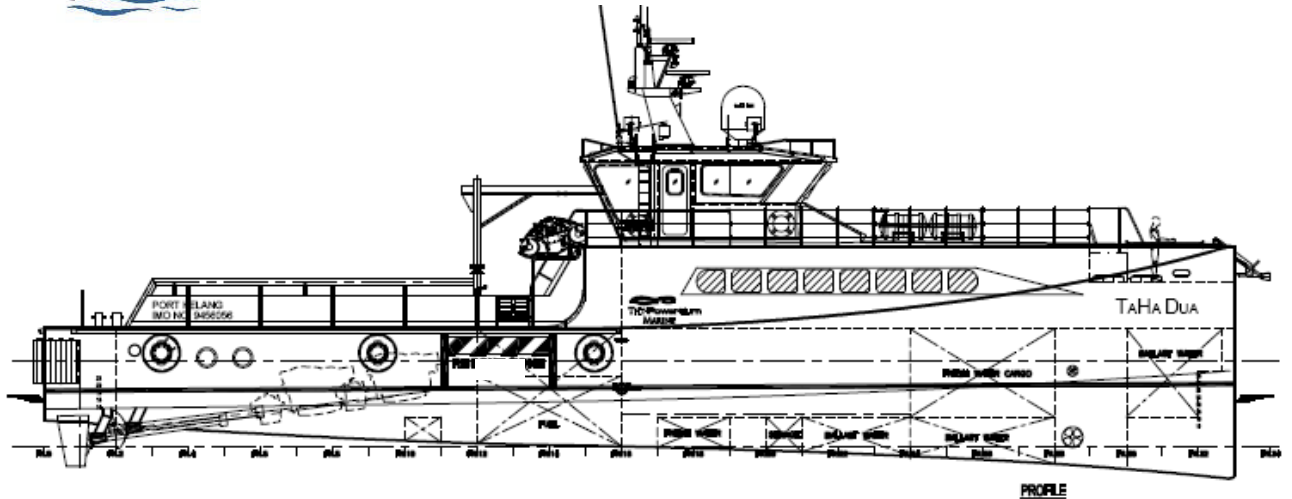
CREW CABINS	4 x 2 persons
AIR-CONDITIONING	Air Conditioning in Wheelhouse, Passenger Cabin and Accommodation

### NAUTICAL AND COMMUNICATION EQUIPMENT

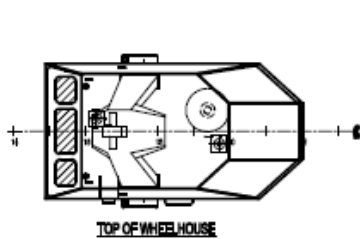
SEARCHLIGHT	2 x 1000 Watt
RADARS	2 x JRC 4"
MAGNETIC COMPASS	Ritchie, HB-741
ECHO SOUNDER	Alphatron Marine, Alphadepth
AUTOPILOT	Alphatron Marine, Alphapilot
GPS/PLOTTER	JRC, JNAV 500
VHF	2 x Sailor, RT5022
SSB	Sailor, HF SSB
AUTOMATIC IDENTIFICATION SYSTEM	JRC, JHS182
PA/LOUDHAILING SYSTEM	Alphacall
SSAS	Sailor TT-3000E
NAVTEX	JRC NCR-330
GMDSS –A3	Fitted with McMurdo/Inmarsat equipment according to the rules for a GMDSS A3-area
ELECTRONICNAVIGATION	Seiwa Explorer
VSAT	Seatel 4006 (Services Optional)
INMARSAT PHONE	Aces R190 Isatphone



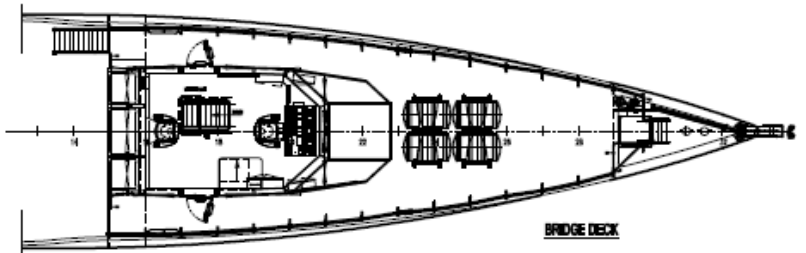
## GENERAL ARRANGEMENT LAYOUT



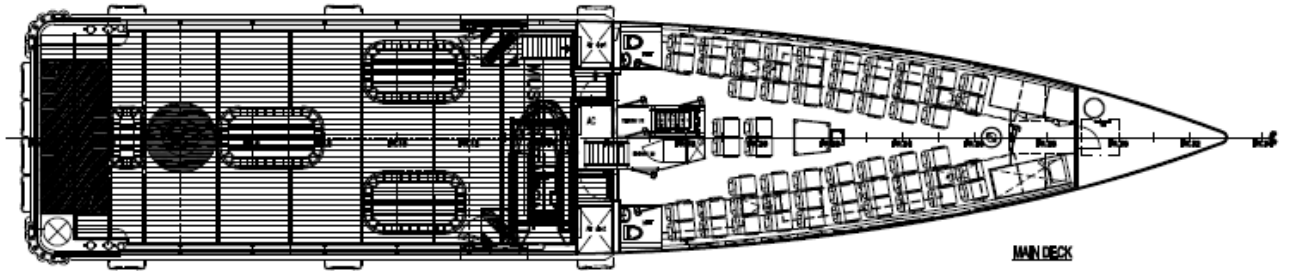
PROFILE



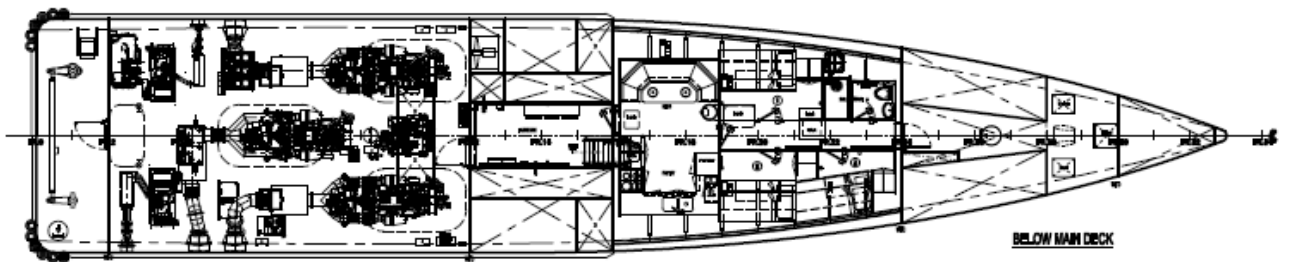
TOP OF WHEELHOUSE



BRIDGE DECK



MAIN DECK



BELOW MAIN DECK

# TAHA DUA

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