

PRINCIPAL PARTICULARS

RAPTOR CLASS 16,300 BHP 200MT BP OCEAN TOWING / SALVAGE TUGS



TERASEA FALCON | TERASEA HAWK | TERASEA EAGLE | TERASEA OSPREY

REGISTRATION

CLASSIFICATION ABS +A1, Towing Vessel, AH/Offshore support vessel | Fire Fighting Vessel Class 1 | +AMS | Oil recovery capability 1 | DP1 ready

FLAG Singapore

BUILDER Universal Shipbuilding Corp. (Keihin Shipyard)

YEAR BUILT 2013

PRINCIPAL PARTICULARS

LENGTH OVERALL 75.3m

BREADTH MOULDED 18.0m

DEPTH MOULDED 8.1m

DESIGN LOAD DRAFT 6.0m

MAX DRAFT 6.6m

LIFE SAVING EQUIPMENT

RESCUE BOAT 6 person capacity on single point hanging type davit

WORK BOAT 6 person capacity with launch davit

LIFE RAFTS 6 x 13 person capacity

MACHINERY

MAIN ENGINES 2 x Wartsila 12V32

BHP 2 x 8,150 BHP

SHAFT GENERATORS 2 x 1,500 KVA (1,200 kW), 420V / 3 / 50Hz

MAIN GENERATORS 2 x 500 KVA (400 kW), 420V / 3 / 50Hz

EMERGENCY GENERATOR 75 KVA (60kW), 420V / 3 / 50Hz

STEERING GEAR 2 x independent, electro-hydraulic rotary type

BOW THRUSTERS Electric motor driven tunnel type, CPP, 12 tonnes

STERN THRUSTERS Electric motor driven tunnel type, CPP, 10 tonnes

PROPELLERS 2 x CPP 4 blade in nozzles

RUDDERS 2 x high lift flap

Specifications are subject to change without prior notification.
Above details are believed to be correct but are without guarantee.

TOWING/ANCHOR HANDLING

TOWING / AH WINCH Electro-hydraulic, waterfall, 2 drums

TOWING / AH WIRE 76mm dia x 1900m each drum

STORAGE REELS 2 x 76mm dia x 1900m capacity, each reel

BOLLARD PULL 200 tonnes (estimated)

PULLING CAPACITY 350 tonnes x 7.5m/min. (1st layer)

BRAKE HOLDING 450 tonnes (1st layer)

CAPACITIES

HFO 2,200m³ (including settling/service tanks)

MGO 300m³ (including service tanks)

OIL RECOVERY 300m³ (inclusive of fuel capacity)

FRESH WATER 300m³

BALLAST / DRILL WATER 800m³

FREE DECK SPACE 450m²

DECK & AUX EQUIPMENT

WINDLASS Electro-hydraulic, 2 cable lifters, 2 warping ends, 2 rope drums | 15 tonnes x 9m/min for Grade 3 chain

TUGGER WINCH 2 x 20 tonnes x 15m/min

CAPSTAN 2 x 15 tonnes x 15m/min

TOWING PIN 200 tonnes SWL

SHARK JAW 450 tonnes SWL

STERN ROLLER 450 tonnes SWL

DECK CRANE Electro-hydraulic, knuckle type, 5 tonnes @ 16m radius

BALLAST WATER TREATMENT SYSTEM Ultra violet w/ filter type, treatment capacity -60m³/h

ACCOMMODATION

TOTAL CAPACITY 26 | Captain/CE with dayrooms | 14 x 1 berth cabins / 5 x 2 berth cabins

FIRE FIGHTING & OIL RECOVERY EQUIPMENT

FIRE PUMP 2 x 1,760m³/h driven by ME

WATER/FOAM MONITOR 2 x 1,200m³/h single barrel monitors | Remotely operated from wheel house

AIR/FOAM LIQUID TANK 20m³

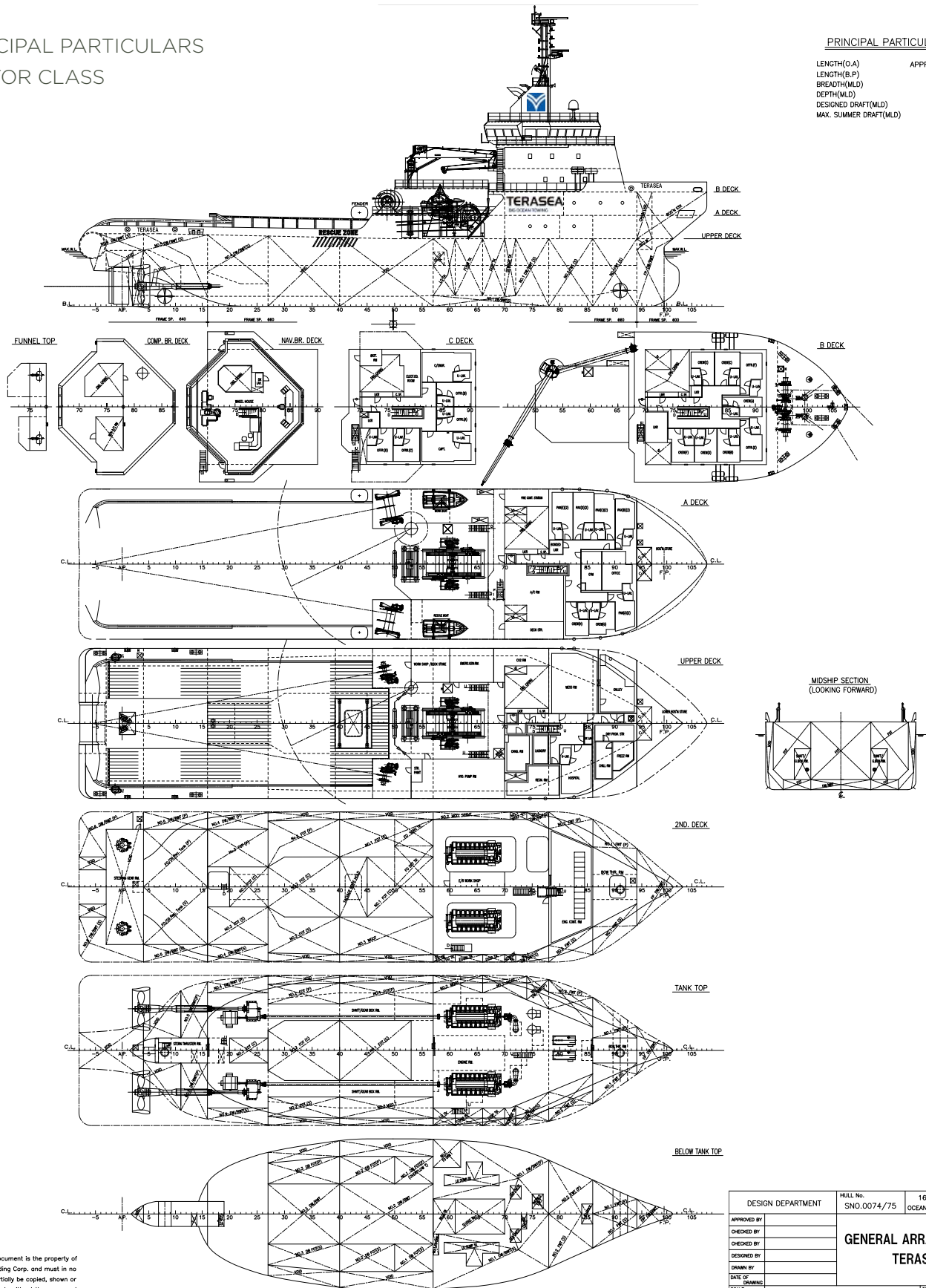
SPRAY BOOM 2 x 6m aluminum boom with nozzle

OIL DISPERSANT TANK 18m³

PRINCIPAL PARTICULARS
RAPTOR CLASS

PRINCIPAL PARTICULARS

LENGTH(O.A) APPROX. 75.3m
 LENGTH(B.P) 65.00m
 BREADTH(MLD) 18.00m
 DEPTH(MLD) 8.10m
 DESIGNED DRAFT(MLD) 6.00m
 MAX. SUMMER DRAFT(MLD) 6.60m



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DESIGN DEPARTMENT	HULL No.	16,300 BHP
	SNO.0074/75	OCEAN TOWING/SALVAGE TUG
APPROVED BY	GENERAL ARRANGEMENT TERASEA	
CHECKED BY		
CHECKED BY		
DESIGNED BY		
DRAWN BY		
DATE OF DRAWING	DWG. NO.	4011100
SCALE	1/200	REV. 0