

SALVIGILANT



12,000 BHP/ 156 TBP AHT/ Ocean Towing/ Salvage Tug Call Sign: S6HA7

Principal Particulars

Flag	: Singapore
Year Built	: 2007
Place Built	: Japan
Length Overall	: 68 m
Length B.P.	: 60 m
Breadth Moulded	: 16.4 m
Depth Moulded	: 7.2 m
Design Draft	: 5.2 m
IMO No.	: 9351842
Official No.	: 392061

Classification

ABS + A1 (E) + AMS, "TOWING VESSEL"

Capacities

Gross Tonnage	: 2658 tons
Nett Tonnage	: 797 tons
Deadweight at 6.00 m	: 2804 tons
Heavy Fuel	: 2050 cbm
Diesel Oil	: 200 cbm
Water ballast Tank	: 1000 cbm
Fresh Water	: 185 cbm
Foam	: 13 cbm
Oil Dispersant	: 13 cbm
Free Deck Space	: 350 sqm
Speed at design draft	: 15 knots
Bollard Pull	: 157 tons

Accommodation

One Man Cabin	: 6
Two Men Cabin	: 5
Four Men Cabin	: 5
Total Complement	: 36 men

Machinery & Deck Equipment

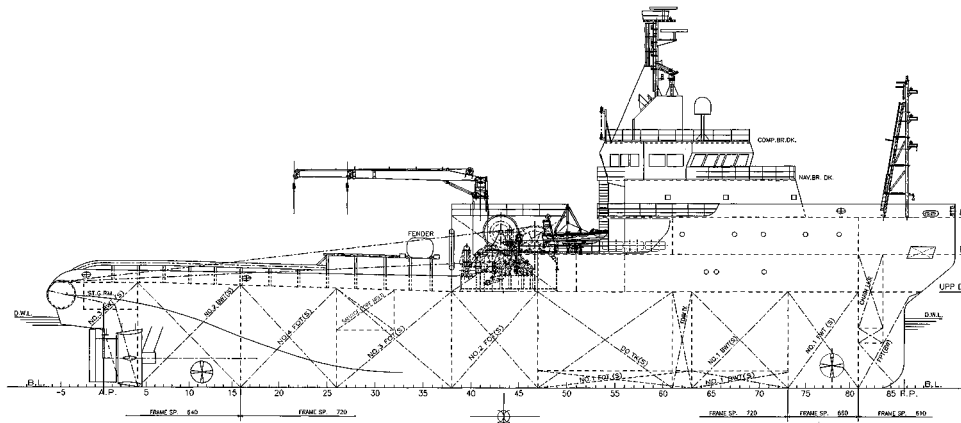
Main Engines	: Wartsila 9L32, 2x4,500 kW @ 750 Rpm
Propellers	: CPP in Nozzles (Lips)
Generators	: 2 x Diesel Main Generator 330 kw each 415v 3 Phase 50 hz 2 x Shaft Generator 1200 kw each 415v 3 Phase 50 hz 1 x Emergency Generator 60 kw 415v 3 Phase 50 hz
Bow Thruster	: 800 kW @ 12 tons thrust
Stern Thruster	: 588 kW @ 9.2 tons thrust
Deck Crane	: 1x hydraulic telescopic crane, 2tons x 14m

Towing/Anchor Handling

Towing Winch	: Hydraulic Waterfall Double Drum Type Brake Holding Capacity @ 400 tons
Towing Wires	: 2x 1500 m x 76 mm Dia towing wires
Recovery Winch/tugger	: 2 x 20 ton electro-hydraulic winches with drum of 400m x 38mm dia
Storage reel	: 1 off 1500 m x 76 mm dia
Shark Jaw	: SWL 350 tons, hydraulic retractable type
Towing pin	: SWL 200 tons, hydraulic retractable type
Capstan	: 2 x 10 tons electro-hydraulic type
Sternroller	: SWL 350 tons 2.5 m x 2000 mm dia
Anchor Windlass	: Hydraulic type with cable lifter & warping head. 2 x rope drums @ 10 ton x 9 m/min

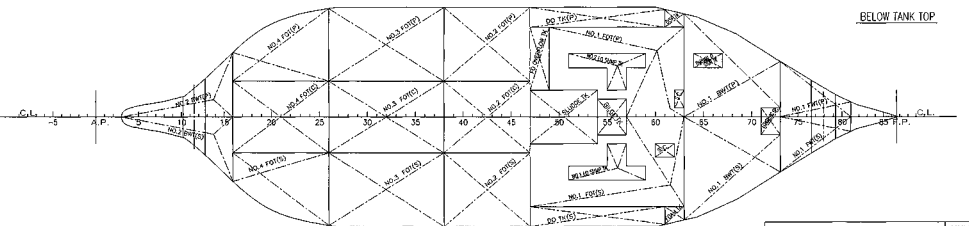
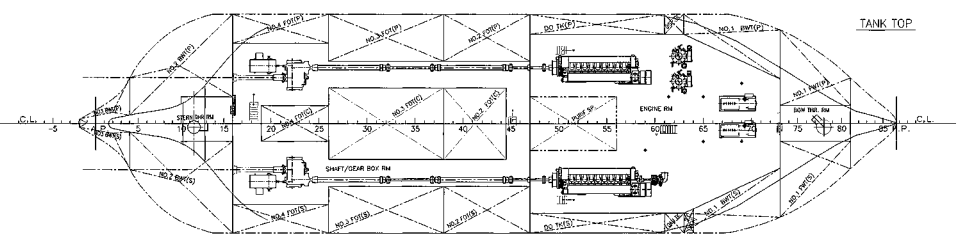
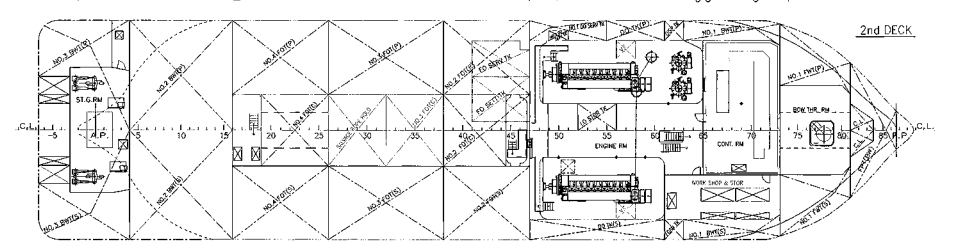
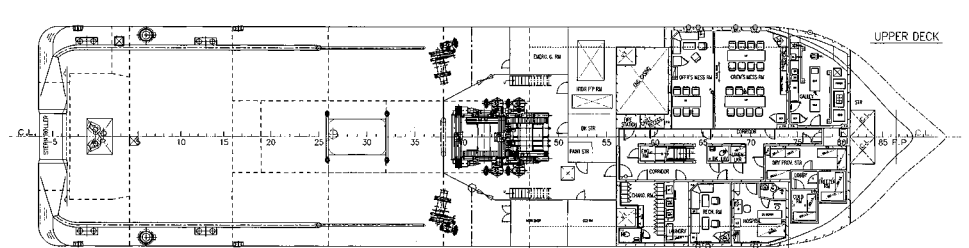
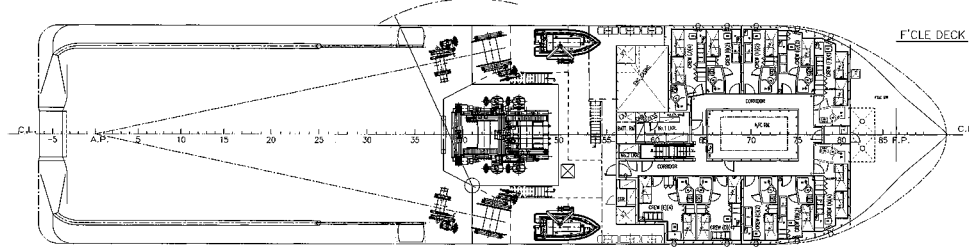
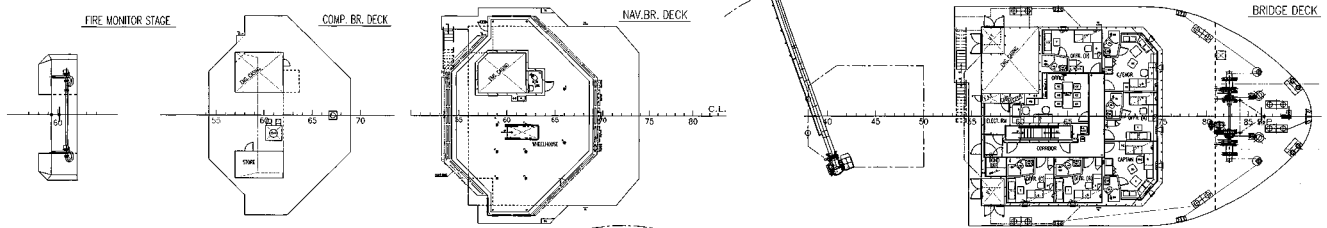
FiFi ½ System

External Fire-fighting	: FiFi ½, 2 x dual foam/water monitor @600cum/hr each.
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PRINCIPAL PARTICULARS

LENGTH(O.A)	APPROX. 68.0m
LENGTH(B.P)	60.00m
BREADTH(MLD)	16.40m
DEPTH(MLD)	7.20m
DRAFT (DESIGN) (MLD)	5.20m
DRAFT (SCANT.) (MLD)	6.00m
CLASS	ABS TOWING VESSEL



DESIGN DEPARTMENT	HULL No.	150T BP OCEAN
	0025/0026	TOWING and SALVAGE TUG
APPROVED BY	GENERAL ARRANGEMENT	
CHECKED BY		
CHECKED BY		
DESIGNED BY		
DRAWN BY		
DATE OF DRAWING	Sep. 29, 2005	
SCALE	1/200	
Universal Shipbuilding Corporation		DWG. NO. 4011100
		REV. 0