



BOS CHAMPION

6500 BHP | 85 TBP | DP2

Class Notation: LR 100A1 AHTS, Fire-Fighting Ship 1 (2,400 m³/h) with Water Spray, HNLS, Oil Recovery, *IWS, WDL (7t/m² from Aft to Frame 70), ECO(TOC)
LMC, UMS, DP(AA)
ShipRight (IHM-EU+)

Main Particulars

Flag:	Singapore
Call Sign	9V3690
IMO No.	9749635
Year Built	2016
Design Draft	5.4m
Max Summer Draft	5.8m
Gross Tonnage	2,387 T
Net Tonnage	716 T
Deadweight (Max Draught)	1,781 T
Displacement	4,001 T

Dimensions

Length Overall	65m
Beal Overall	16.4m
Depth Moulded	6.8m

Performance

Fuel consumption at 9.5 knots	Abt 12 m ³ /day
Fuel consumption at 7.5 knots	Abt 8.3 m ³ /day
Towing at 4.5 knots	Abt 17 m ³ /day
DP mode	Abt 5 m ³ to 7 m ³ /day
General field duties - average	Abt 7 m ³ /day

**Subject to actual weather and operating conditions*

Cargo Deck

Deck Cargo Area	425m ²
Deck Cargo Dimension	31.5m x 13.5m
Deck Cargo Capacity	700T
Deck Strength	7T/m ²

Capacities

Cargo Fuel Oil Tank*	557 m ³
Fresh Water	414 m ³
Drill Water*	1,200 m ³
Liquid mud / brine / ORO*	395 m ³
Dry Bulk Tank	186 m ³
Foam	12m ³
Detergent	12 m ³

**Indicates tanks with shared capacity*

Main Engines & Generators

Main Engine	2 x MAK 8M25C 2,400 kW
Generator	3 x 450 kW diesel driven

Thrusters & Propulsion

Bow Thruster	2 x 8 t (550 kW) electric driven
Stern Thruster	8 t (550 kW) electric driven
Propeller	CPP

Deck Crane

Fixed Crane	3T SWL @ 10m
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Anchor Handling/Tow Equipment

Tow/Anchor Handling Winch	MacGregor
Stall Pull Capacity	150T
Brake Holding Capacity	250T
Tow Drum Capacity	1,500 m x 64 mm wire rope
Anchor Handling Capacity	1,500 m x 64 mm wire rope
Spare tow wire capacity	1,500 m x 64 mm wire rope
Tugger Winch	2 x 10T @ 15m/min
Capstan	2 x 5T @ 15m/min
Shark Jaws	2 x Karmfork of 300T SWL
Tow Pins	2 x 300T SWL
Stern Roller	5m x 1.6m; 300T

Mooring Equipment

Anchor	2 x 1,610 kg
Anchor Chain	2 x 440m x 40mm
Anchor Windlass	MacGregor

Dynamic Positioning System

DP Class	Class 2
References	2 x DGPS; 1 x Laser (Cyscan MK4)
Joystick	Kongsberg C_Joy

Discharge Rates

Drill Water/Pump	100 m ³ /hr @ 70m head
Fresh Water/pump	100 m ³ /hr @ 70m head
Fuel/Pump	100 m ³ /hr @ 70m head
Liquid Mud/Brine/ORO	75 m ³ /hr @ 70m head
Dry Bulk Tank	40 m ³ /hr @ 60m head

Communications Equipment

HF radio	Furuno model RC-1800T
VHF radio	Furuno FM-8800S
Portable VHF radio	3 x McMurdo Model R2 GMDSS
Satellite EPIRB	McMurdo model SMARTFIND E5
Navtex receiver	Furuno NX-700A (GMDSS)
SART	2 x McMurdo S4 Rescue SART
AIS	Furuno FA-150
Remote Fuel Monitoring System	Krohne flow meters + eGenKit system

Navigation Equipment

Radar no. 1	X-Band radar
Radar no. 2	S-Band radar
GPS	GPS plotter
Echo sounder	Navigational Echo-Sounder
Electronic Chart Display System	ECDIS
Auto pilot	Auto pilot system
Gyro compass	3 x gyro compass
Magnetic compass	1 x magnetic compass
Dynamic positioning	Kongsberg DPS-2

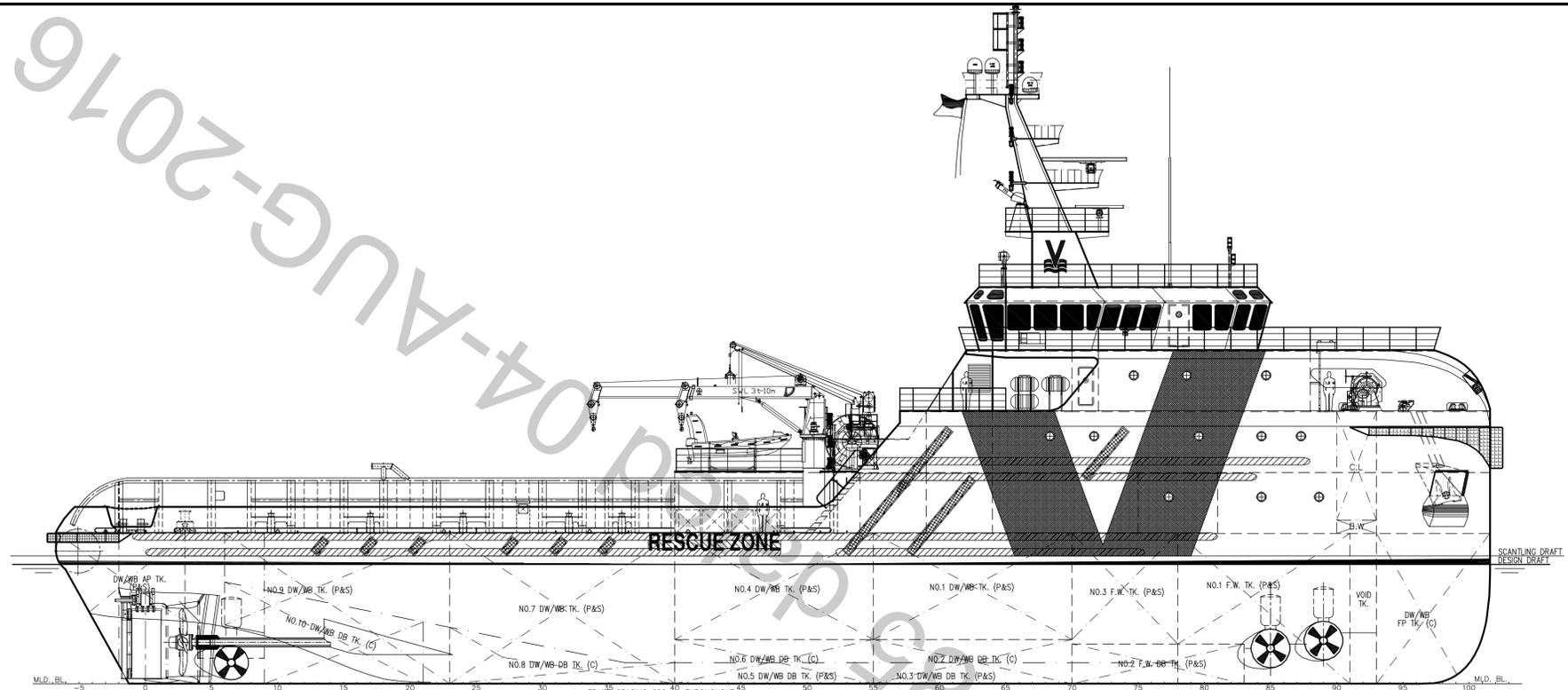
Fire Fighting and Rescue

Firefighting System	FiFi-1
FiFi Pump	2 x 1,200 m ³ /hr
FiFi Monitor	2 x 1,200 m ³ /hr
Spray Boom	2 x 6m
Rescue Boat	1 x 6 men with 25hp OBM

Accommodation

Cabins	11 x 1 bed; 14 x 2 beds Total 39 beds
Hospital	1 bed

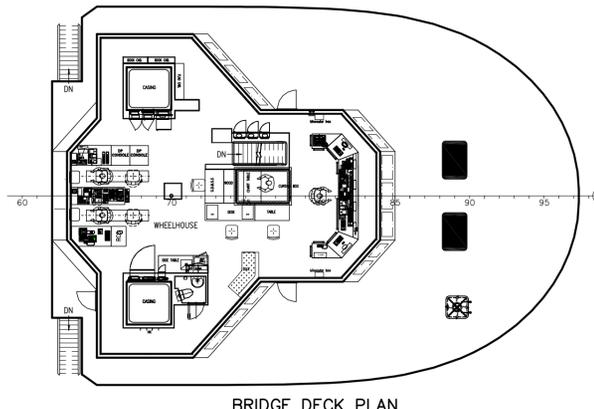
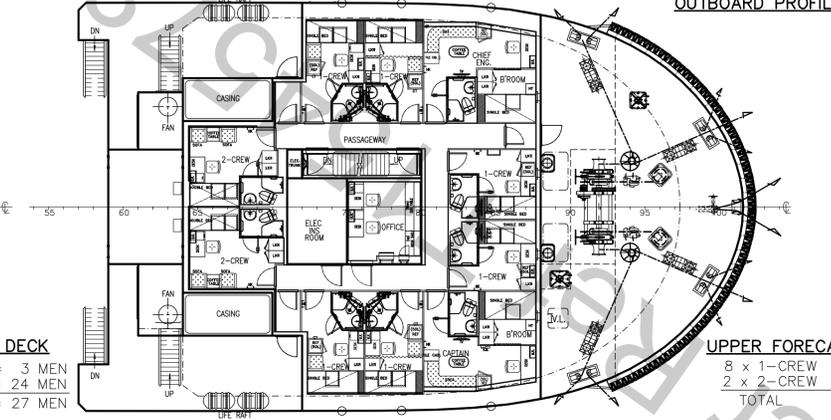
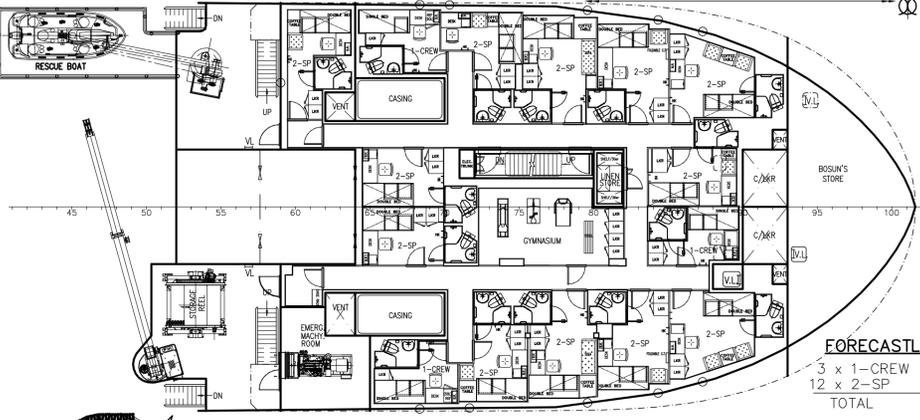
04-AUG-2016



PRINCIPAL DIMENSIONS

LENGTH (O.A.)	65.00 M
LENGTH (W.L.)	64.80 M
LENGTH (B.P.)	60.95 M
BEAM (MLD.)	16.40 M
DEPTH (MLD.)	6.80 M
DESIGN DRAFT	5.40 M
SCANTLING DRAFT	5.78 M
FUEL OIL	570 M ³
FRESH WATER	420 M ³
DRILL WATER / W.B.	1200 M ³
MUD/BRINE/ORO	395 M ³
DRY BULK TANKS (4x1650 FT ³)	187 M ³
CLEAR DECK AREA	425 M ²
DECK CARGO (DECK LOADING = 7T/M ²)	700 TONS
MAIN PROPULSION ENGINE	2 X 2400 KW
SPEED (TRIALS)	13.5 KNOTS
BOLLARD PULL	82 TONS
COMPLEMENT - CREW	15 MEN
- SPECIAL PERSONNEL	24 MEN

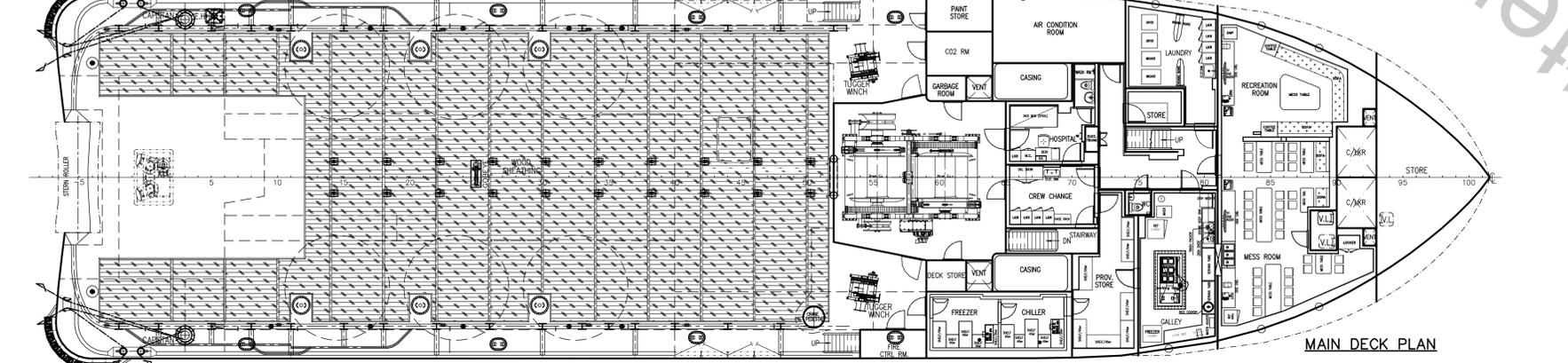
CLASS & NOTATION : ABS * A1 (E) OFFSHORE SUPPORT VESSEL (SUPPLY-HNLS, TOW, AH, FFV 1, OSR-C2), * AMS, * DPS-2, * ACCU, ENVIRO, GP, SPS, HDC (7T/M2, MAIN DECK), RW, UWLD, BP(82T), UNRESTRICTED SERVICE



REVIEWED

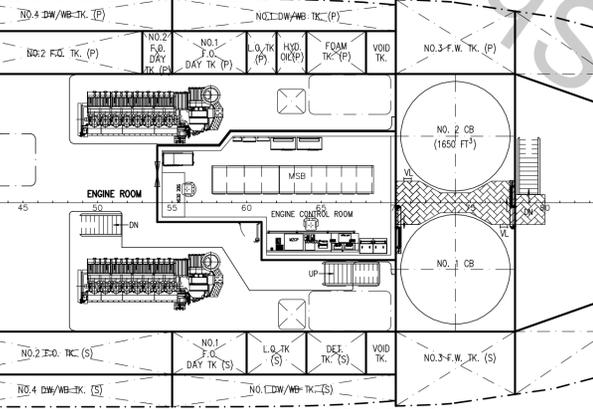
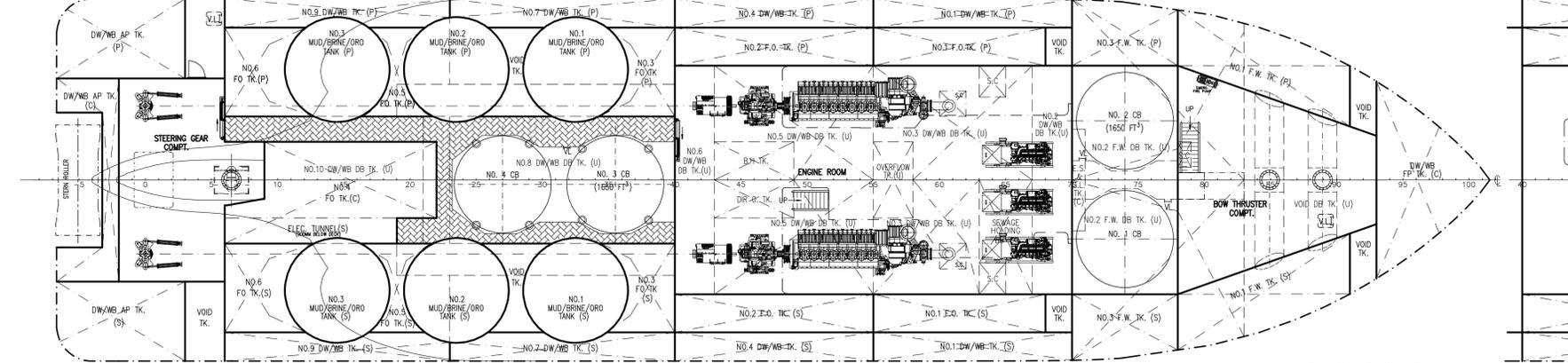
Details of this review are as indicated in the ABS letter

AS AMENDED
on pages _____



- NOTE:-**
- WHERE DOORS OPEN INTO CORRIDOR, APPROPRIATED ARRANGEMENT TO AVOID INJURY TO PERSONS IN THE CORRIDOR SHALL BE CONSIDERED.
 - ALL THE DRILL WATER/WATER BALLAST TANKS, MUD/BRINE/R.O. TANKS & CEMENT BULK TANKS TO BE USED AS CARGO TANKS.
 - NO.2 F.W. DB TANK(P&S), NO.3 F.W. TANK(P&S) MAY BE USED AS CARGO FRESH WATER TANKS.
 - NO.1 F.O. TANK(P&S), NO.2 F.O. TANK(P&S), NO.3 F.O. TANK(P&S), NO.5 F.O. TANK(P&S) & NO.6 F.O. TANK(P&S) MAY BE USED AS CARGO TANKS.

COMMENTS SEE ABS LETTER.



ITEM	DETAILS OF MODIFICATION	BY	DATE
13	DECK CARGO AMENDED AS 700T	YUMINGYE	05.07.16
12	ESCAPE HATCH ADDED FROM FWD MOORING AREA TO BRIDGE DECK	YUMINGYE	03.06.16
11	RESCUE BOAT PLATFORM AMENDED	YUMINGYE	11.05.16
10	RESCUE BOAT RELOCATED	YUMINGYE	28.04.16
9	FENDER LASHING WHICH ROOM UPDATED AS STRUCTURAL DRAWING	YUMINGYE	18.12.15
8	WINDOW ADDED ON BRIDGE DECK	YUMINGYE	27.02.15
7	WHEELHOUSE ENLARGED, DECK STORE EXCHANGE WITH DECKSTORE NO.2 F.O. DAY TK (P) ADDED	YUMINGYE	04.12.14
6	TRUSS BRICK CHIMNEY, STORAGE REEL & CRANE RELOCATED, UPPER FORECASTLE FWD SIG. AMENDED, ELEC. SEA CHEST AMENDED	YUMINGYE	09.09.14
5	AMENDED AS PER OWNER'S COMMENT	YUMINGYE	22.05.14
4	LINES MODIFIED	ZLY	11.10.13
ITEM	DETAILS OF MODIFICATION	BY	DATE

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PROJECT **65m MULTI-PURPOSE OFFSHORE SUPPORT VESSEL**

TITLE **FUJIAN SOUTHEAST SHIPBUILDING CO., LTD GENERAL ARRANGEMENT**

CLASSIFICATION **DNV65M-V-2/3/4/5/6/7/8**

DRAWN	CHECKED	SCALE	DRAWING NUMBER	REV.
hcKH		1:150	KCM/Q700-G1	13
3-7-12				

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