



UTILITY VESSEL

DTA-8



General Information

Owner	DTA Maritime L.L.C.
Designer	Strategic Marine (Singapore) Pte. Ltd.
GRT / NRT	238/71
Year Built	2005
Builder	Strategic Marine (Singapore) Pte. Ltd.
Official Number	7865
Call Sign	V7RX8
IMO No.	9353010

Performance

Max Cruising Speed	24 Knots
Cruising speed	20 Knots
Fuel Consumption	0.420MT/Hr.
Cruising Gen-Set	0.136MT/Day

Classification

Plying Limit	Near Coastal
Class	DNV GL
Notation	DNV+1A CREW
Port of Registry	Majuro
Flag	Republic of the Marshall Islands
Horse Power	4500 BHP

Navigation & Communication Equipment

Satellite Compass	Fitted
GPS	Fitted
Radar	Fitted (2 Nos.)
Echo sounder	Fitted
Marine VHF	Fitted
Marine SSB	Fitted
Auto pilot	Fitted
Directional Finder	Fitted
Speed Log	Fitted
Chart Plotter	Fitted
SVDR	Fitted
VSAT	Fitted
BNWAS	Fitted
P.A. System	Fitted
Talk Back System	Fitted
Navtex with printer	Fitted
Anemometer	Fitted
AIS	Fitted
Gyrocompass	Fitted
Gyro repeater	Fitted
Magnetic Compass	Fitted
VHF DSC	Fitted
LRIT	Fitted
MF / HF	Fitted
General Alarm	Fitted



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Main Characteristics

L.O.A.	40.25M
Beam Molded	7.70M
Max Loaded Draft	1.584M
Loaded Displacement	220MT
Lightship	95MT

Capacity

Fuel Oil	51MT
Fresh Water	25MT
Clear Deck Space	110M ²
Deck Cargo	44MT
Deck Strength	2.0MT/M ²

Auxiliaries

2 x Cummins - 68KW, 50 Hz

Pumps

Main Bilge & Fire Pump	LIVERANI S70-50-220/A09 30M ³ /Hr. at 54M head
Back Up Bilge & Fire Pump	LIVERANI S70-50-220/A09 30M ³ /Hr. at 54M head
Emergency Fire Pump	YANMAR BX20CR 60M ³ /Hr.

Accommodation

Cabins / Berths	5/10
Officers	4
Crew	6
Passenger Seats	91

Fire Fighting Equipment

Fire Hydrant Station	As per Classification's requirement
Fire Extinguisher	Portable type at appropriate locations
Fixed system	CO2 smothering system for engine room protection
Fire Monitor	On deck
LEL + H2S Sensor	Fitted

Life Saving Appliances

As per SOLAS 74/78, Port of Registry and Classification's requirement

Other Equipment

Life Raft	4 x CMS 50 men inflatable life raft c/w automatic hydrostatic release
Rescue Boat	1 x 6 men semi-rigid rescue boat c/w 25hp outboard engine



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Propulsion & Machinery

Main Engines	2 x KTA 38M ² 1 x KTA 50M ²
Propulsion	3 x Fixed Pitch Propellers
Bow Thruster	1 MT Thrust

Design Characteristics

Designed and built for the purpose of standby and transportation of personnel / materials.

Specifications are subject to change without guarantee

FIRE CONTROL & SAFETY PLAN - DTA 8

LIST OF FIRE FIGHTING APPLIANCES

SYM	DESCRIPTION	QTY	DESCRIPTION
Fire Plan	INTERNATIONAL FIRE PLAN	3	MAIN DECK FR.14/15 LOWER DECK FR.13
Hand	MANUAL CALL POINT	7	NEAR EXIT IN LOWER & MAIN DECK
G	EMERGENCY GENERATOR	1	FR.21/22 (S) INSIDE AUX MACH. (GENSET) ROOM
W	20m LENGTH OF LAY FLAT FIRE HOSE	3	AT FR 6 ,19 & 30 (P)

LIST OF FIRE FIGHTING APPLIANCES

SYM	DESCRIPTION	QTY	DESCRIPTION
B	MAIN FIRE PUMP (CAPACITY:~30m ³ /hr.)	1	NEAR FR.29 ON PORT ENGINE IN ENGINE ROOM
B	EMERGENCY FIRE PUMP (CAPACITY:~22m ³ /hr.)	1	ON MAIN DECK STORE
B	MAIN BILGE PUMP (CAPACITY:~46m ³ /hr.)	1	NEAR FR.29 ON PORT ENGINE IN ENGINE ROOM
B	FIRE ALARM BELL	3	ON TRANSOM FR.15 LOWER & MAIN DECK
B	EM'CY OFF E/RM GENSETS BLOWER & GALLEY VENT FANS	2	NEAR FR.15, LOWER DECK
B	VENTILATION DAMPER, SML	1	GALLEY
B	VENTILATION DAMPER, LGE	12	FR.26~29, P & S ON MAIN DECK
B	VENTILATION CONTROL PANEL	1	NEAR FR 12, (P) BRIDGE
B	SMOKE DETECTOR	8	UNDER LOWER & MAIN DECK CEILING
B	HEAT SANSOR	5	UNDER LOWER & MAIN DECK CEILING
B	FIRE MAIN WITH VALVES	3	AT FR.6,19 & 30 (P)
B	INTERNATIONAL SHORE CONNECTION	1	NEAR FR.25(P) BULWARK ON MAIN DK.
B	HINGED DOOR SELF CLOSING	1	NEAR FR.14(P) ON MAIN DECK
B	FIRE STATION	3	SUPERSTR. AFT BHD (P) ON MAIN DECK
B	FIRE ALARM PANEL	1	AT BRIDGE CONSOLE
B	5.0KG CARBON DIOXIDE FIRE EXTINGUISHER	4	AT MACH. ROOMS, GALLEY & BRIDGE
B	4.5KG DRY CHEMICAL POWDER EXTINGUISHER	8	AT MACH RMS,ACCOM.&SEAT AREA PASSAGE
B	FIXED FIRE EXTINGUISHING SYSTEM, CO2 3 BOTTLES	1	CO2 ROOM ON MAIN DECK FR.19 (S)
B	SPACE PROTECTED BY CO2	7	ABV. ENGINES IN E/RM & AUX.MACH RM.
B	CO2 RED FLASHING LIGHT & HORN	4	IN E/RM & AUX.MACH RM.FR.20 & 30
B	CO2 FIXED FIRE EXTINGUISHING RELEASE POINT	2	AT BRIDGE CONSOL
B	SAPCE PROTECTED BY FIRE ALARM	2	N.A. INDICATION ONLY
B	EMERGENCY SHUT-OFF VALVE	3	MAIN DK.HATCH FR.5,39 & LAUNDRY RM(P)
B	FIRE AXE	1	MAIN DECK STORE (P)
B	COMPARTMENT NUMBER	8	N.A INDICATION ONLY
B	REMOTE CONTROL FOR MAIN FIRE PUMPS	1	AT BRIDGE CONSOL
B	PUSH BOTTON SWITCH FOR GENERAL ALARM	1	ON CONSOL NEXT TO MASTER
B	FIRE BLANKET	1	IN GALLEY
B	FIREMAN'S OUTFIT	1	MAIN DECK STORE (P)
B	45 LITRES FOAM FIRE EXTINGUISHER	1	ENGINE ROOM AFT (PORT)
B	WATER FIRE MONITOR	1	IN BRIDGE DECK
B	6 KG DRY CHEMICAL POWDER	4	3 NOS IN DECK STORE AND 01 NOS IN ENGINE ROOM
B	BREATHING APPARATUS	7	04 SPARE CYLINDER (IN PASSENGER AREA FORWARD)

LIST OF LIFE SAVING APPLIANCES

SYM	DESCRIPTION	QTY	DESCRIPTION
+	FIRST AID KIT	3	LOWER DECK SITTING AREA
+	STRETCHER	2	LOWER DECK SITTING AREA
+	LIFE RAFT AND NUMBER OF PERSONS (50 MEN)	4	BRIDGE WINGS
+	EMBARKATION LADDER	2	PORT & STBD WALL FR.18
+	LIFEBOUY WITH LIGHT & SMOKE SIGNAL	2	BRIDGE DECK, FR.17, P & S
+	LIFEBOUY WITH 30m BOUYANT LINE	5	MAIN DECK,FR 8(P)
+	LIFEBOUY WITH LIGHT	1	MAIN DECK,FR 20(S)
+	ADULT LIFEJACKET	100	BELOW EA SEAT ,FR.14,BRIDGE, & LOWER DECK
+	HAND HELD VHF RADIO,2 OFF	2	BRIDGE DECK LOCKER
+	S.A.R.T	1	NEAR AFT WALL IN BRIDGE
+	E.P.I.R.B ALAT BERUP RADIO	1	EXTERIOR WALL(S), AFT BRI. CONTROL HOUSE
+	HAND HELD SIGNAL LAMP	1	BRIDGE DECK LOCKER
+	PYROTECNICS	24	BRIDGE DECK LOCKER
+	RESCUE BOAT	1	IN BRIDGE DECK
+	CHEMICAL SUIT	4	IN PASSENGER AREA FWD

NOTE:

01.THIS DRAWING HAS BEEN PREPARED BASED ON THE EXISTING DRAWING'S368_H110_900_R6Y_FIRE,SAFETY & SAFETY PLAN'
02.FIRE MONITOR,LIFE BOUY,RESCUE BOAT AND LIFE JACKETS HAVE BEEN UPDATED IN THIS DRAWING

REFERENCE DWG.

01.S368_H110_900_R6Y_FIRE CONTROL SAFETY PLAN

PRINCIPAL PARTICULARS

LENGTH (O.A.) : 40.25 m
BREADTH (MLD.) : 7.70 m
DRAUGHT : 1.548 m

DTA 8

34654	B	07.05.18	REVISED AS PER CLIENT COMMENTS	NAV	DD
34514	A	30.04.18	INITIAL ISSUE	-	DD
UID	REV	DATE	DESCRIPTION	REVISED BY	APPROVED

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TITLE:
FIRE CONTROL & SAFETY PLAN (AS BUILT)

VESSEL NAME : DTA 8	DATE : 07.05.18	DWG. No : DN10842/2001
DRAWN BY : J CJ	JOB No : DN10842	SHEET : 01 OF 01
CHECKED BY : SSS	SCALE : 1:125	REV : B SIZE A2

