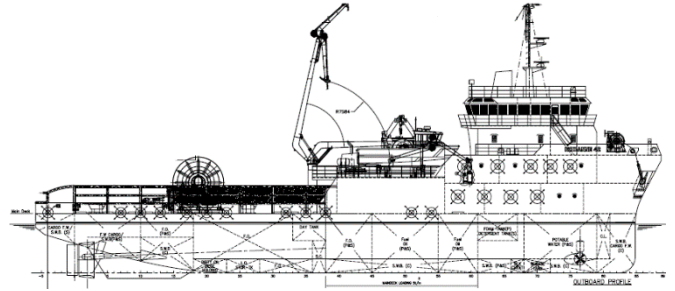


M/V BRAVO TOPAZ



MAIN PARTICULARS:

LOA:	58.00	meter	
Breadth:	13.80	meter	
Draft Loaded:	4.50	meter	
GT:	1452	ton	(Suez: 1669 ton)
NT:	435	ton	
DWT:	1353	ton	
Safe Manning:	6	crew	
Air Draft:	24	meter	

FLAG & CLASS:

Flag:	Gibraltar	
Port of Reg.:	Gibraltar	
Class:	RINA	(IACS Class)
IMO no.:	9421556	
Call Sign:	ZDKA9	
RINA no.:	92752	
Year Built:	2010	
Place Built:	Malaysia	

PROPULSION MACHINERY:

Main Engines:	2 x 1491 kW	Cummins (QSH60M)
Steering Gear:	2 x Independent	Berg Propulsion
Propellers:	CPP 4 Blades	Berg Propulsion
Rudders:	2 x Independent	Berg Propulsion

SPEED & CONSUMPTION:

Max. Speed:	12	knots @ 15 m3/day (1800 rpm)
Service Speed:	9,7	knots @ 10 m3/day (variable rpm)
Eco. Speed:	5	knots @ 3,5 m3/day (variable rpm)

DECK MACHINERY:

Deck Crane:	5 ton @ 6 meter	ZM
	2 ton @ 15 meter	ZM
Work Boat Davit	12 ton	Vest Davit
Streamer Winch:	9000 m / 63 mm	Parkburn
Fuel Winch:	<i>prepared for effortless installation</i>	
Towing Hook:	50 ton	Straininstall
Towing Winch:	N/A	
Capstans Aft:	2 x 5 ton x 10 meter/min	
Anchor Winch:	34mm / electric windlass	
Mooring Winch:	5 ton x 5 meter/min	

AUXILIARY MACHINERY:

Aux. Eng.:	2 x 250 kW	Cummins
Aux. Eng.:	1 x 456 kW	Scania
Shaft Generator:	1 x 800 kW	Stamford
Bow Thruster:	1 x 600 kW / 8 ton	Schottel

ELECTRIC POWER:

220 V / 400 V – 50 Hz

CAPACITIES:

MGO:	1040	m3	
FW:	500	m3	(114 m3 potable)
Ballast:	206	m3	
FiFi:	1200	m3/hr	(foam/detergent 15 m3)
FO Cargo Pump:	150	m3/hr @ 40 meter	
FW Cargo Pump:	100	m3/hr @ 60 meter	
Drill Water Pump:	N/A		
Deck Cargo:	1115	ton / 5 ton/m2	(2 ton/m2)
Cargo Deck Area:	256	m2	(open deck, inside & top of hangar)
FW Maker	3	ton/day	
SSV:	2 x TEU and 4 x Yokohama Fenders		

NAVIGATION & COMMUNICATION:

SSB:	Furuno FS 2571 C
VHF:	2 x Furuno 8800S / 1 x 3000 / 2 x JMC
VHF Portable:	3 x Entel HT 644 / 3 x Icom GMDSS
UHF:	3 x Entel HT 783
Radar:	Furuno Far 2137S (ARPA) / 2117 X (ARPA)
Gyro:	Tokimec TG 8000
GPS:	Furuno GP-150 / GP-32
AIS:	Furuno FA-150
Satellite Compass:	Furuno SC-502
NAVTEX:	JMC NT 1800
EPIRB:	Tron 40 S MK II
SART:	Seven Star S 701
El. Charts:	Telechart T2027 / C-Map
Autopilot:	Simrad AP-50 (with remote control)
Sat C no. 1:	Furuno Felcom 15 / INM 423658510
Sat C no. 2:	N/A
Echo Sounder:	Furuno FE 700
Speed Log:	Furuno DS-80
LRIT:	<i>connected to SAT C</i>
BNWAS:	Stain Sohn
SAT-C E-mail:	Inmarsat 4236585510@inmc.eik.com
Internet / E-mail:	Marlink topaz_captain@opstad.biz
Phone:	Marlink +47 23 67 96 08 / +47 23 67 96 09
Sat Phone:	+87 077 318 69 30

ACCOMMODATION:

Cabins:	1, 2 and 4 men
Bunks:	40 total
Passenger:	50 pax for 16 hr. / 36 pax for 60 hr.

LIFE SAVING:

MOB:	1 x 6 men	(single arm davit)
Life Rafts:	6 x 25 men	(Viking)
Immersion Suits:	56	

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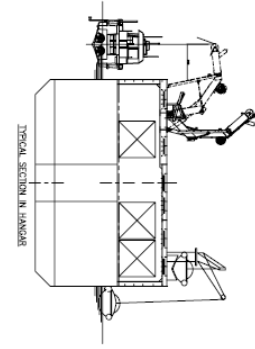
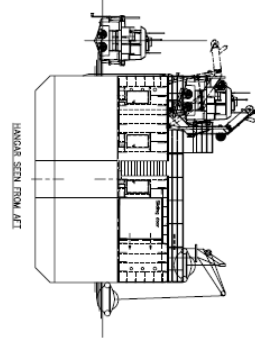
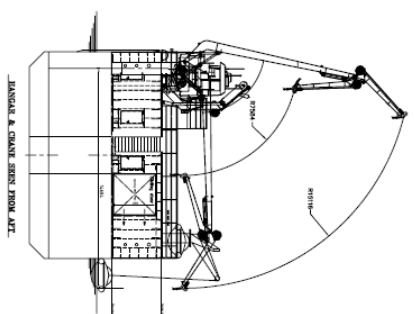
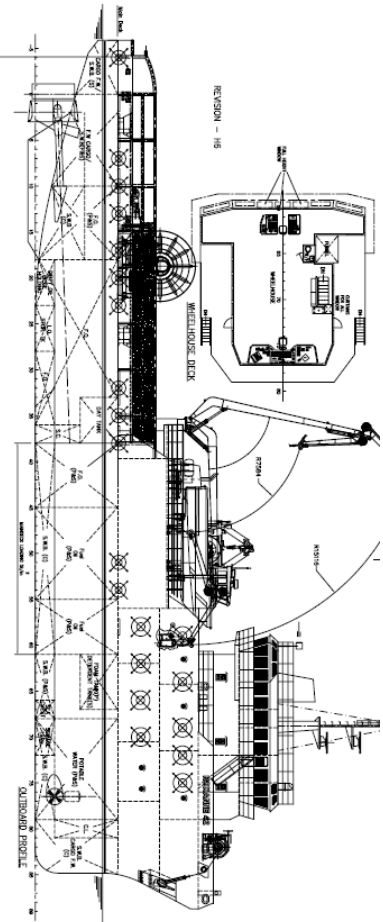
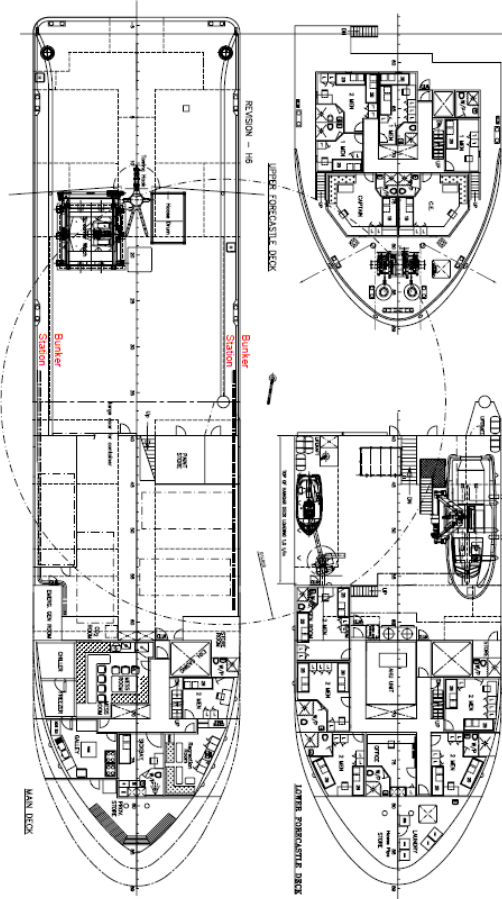
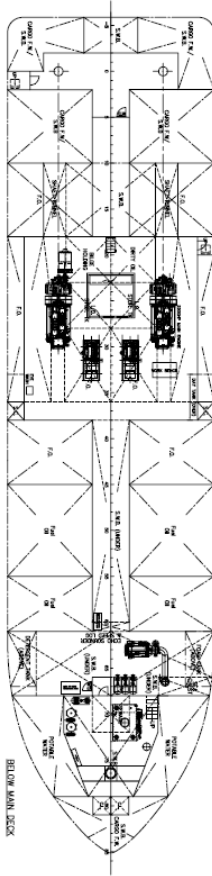


OWNER:

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 Tel.: +47 922 52 783 / +47 712 45 200
 E-mail: knut@opstad.biz / livi@opstad.biz
 Homepage: www.opstad.biz

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 Julsundvegen 14, Inngang 5, 6412 Molde, NORWAY
 Tel.: +47 922 52 783 / +47 712 45 200
 E-mail: knut@opstad.biz / livi@opstad.biz
 Homepage: www.opstad.biz



PRINCIPAL PARTICULARS
 LENGTH O.A. 28.00m
 LENGTH B.P. 32.00m
 BEAM M.D. 13.50m
 DEPTH M.D. 5.50m
 DRAUGHT DESIGNED 4.50m
 ACCOMMODATION 26 MEN

	NEW HANGAR 2010	1:100	2010
	OWNER: Opstad Shipping AS		
	M/V BRAVO TOPAZ	1:100	2010
	PROJECT NO. 10067-003		

Scale: As shown
 Date: 2010-08-05
 Drawing No.: 10067-003-01
 Revision: 1

M/V BRAVO TOPAZ

