

190' DP-2 CREW/FSV JOHN G. McCALL



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MAIN PARTICULARS:

LENGTH OVERALL	190.00 ft	57.91 m
LIGHT DRAFT	7.50 ft	2.29 m
LENGTH BP	-	-
LOADED DRAFT	10.50 ft	3.20 m
BEAM	34.00 ft	10.36 m
SUMMER FREEBOARD	5.92 ft	1.80 m
DEPTH	13.00 ft	3.96 m
LIGHTSHIP (ESTIMATED)	270.00 LT	274.33 Mt

CAPACITIES:

FRESH RIG WATER	24,880	USG	94.2 m ³
FUEL OIL	38,650	USG	146.3 m ³
DRY BULK (DECK TANKS)	2,400	ft ³	67.9 m ³
LIQUID MUD	1,100 @ 16.5	BBL	174.9 m ³
LIQUID MUD	-@ 17.5	BBL	0.0 m ³
LIQUID MUD	-@ 18.5	BBL	0.0 m ³
ENGINE LUBE OIL	600	USG	2.3 m ³
POTABLE WATER	1,970	USG	7.5 m ³
HYDRAULIC OIL	80	USG	0.3 m ³
BILGE OIL	185	USG	0.7 m ³
GEAR OIL	150	USG	0.6 m ⁴
DEADWEIGHT (ESTIMATED)	430	LT	436.9 Mt

TONNAGE:

USA	198 grt	496 gt
INT	148 nrt	134 nt

CARGO DECK:

STRENGTH	540	lb/ft ²	2.6	Mt/m ²
LENGTH	123.0	ft	37.5	m
WIDTH	28.0	ft	8.5	m
CLEAR AREA	3,444	ft ²	320.0	m ²

MACHINERY:

MAIN ENGINES	5 x Cummins KTA-50-M2
BRAKE HORSEPOWER	5 x 1,800 = 9000 BHP @ 1900 RPM
REDUCTION GEARS	5 x Twin Disc MG-6858, 2.93:1
CONTROLLABLE SPEED PROPELLERS	4 blade Teinbridge 54"x53" Nibrall
PROPELLER SHAFTING	5" x 26'-3" Stainless Steel
RUDDERS	3 Independent x Stainless steel W/ 6" shaft
MAIN GENERATORS	2 x 290 kW, 180 VAC, 60 Hz, 3f
MAIN GENERATOR DRIVES	2 x Cummins QSM11
AZIMUTH BOW THRUSTER	1 x Thrustmaster TH400RN
AZIMUTH BOW THRUSTER DRIVE	1 x Cummins QSM-11
TUNNEL BOW THRUSTER	2 x Thrustmaster 30TT200
TUNNEL BOW THRUSTER DRIVE	1 x Cummins QSM-11
BULK COMPRESSOR	LEROI WE 150 SS
OILY WATER SEPARTOR	Village Marine OWS-2.2

PERFORMANCE:

MAXIMUM SPEED	26	knots	
CRUISING SPEED	23	knots	
ECONOMY SPEED	20	knots	
MAXIMUM FUEL CONSUMPTION	420	GPH	@ 1,900 RPM
CRUISING FUEL CONSUMPTION	365	GPH	@ 1,800 RPM
ECONOMY FUEL CONSUMPTION	260	GPH	@ 1,600 RPM

DISCHARGE RATES:

DRILL WATER	GPM @	ft	m ³ /hr @	m
FUEL OIL	450	200	102	61
DRY BULK	780 ft ³ /hr	80psi	22	6 bar
LIQUID MUD	700	200	159	61

ACCOMMODATIONS:

CABINS	5
BERTHS	7
CREW	2 heads w/ shower
GALLEY	
MAIN MESS	8
	25" TV w/ VCR
	garbage disposal
	2 x 19 cu ft refridgearator / freezer
	1 x dish washer
	washer / dryer
PASSENGER AREA	36 business class seats w/ 2 heads
	2 x 32" TV w/ Stereo Sound System & VCR
	Luggage Area
A/C & HEATING	(2) 5 ton, (1) 2 ton Central HVAC Units

ELECTRONICS & CONTROLS:

COMPASS	1 Magnetic, 2 Gyro
DEPTH RECORDER	Datamarine 3001
ENGINE / GEAR CONTROLS	CSP Electric
EPIRB 406 Mhz	Northern Airbone Technology S-1210
GPS	Garmin 2106
CHART PLOTTER	Furuno GP1290NT
RADAR	2 x Furuno 2127 (ARPA Enabled)
SSB	Icom ICM M710, Furuno FS1570 GMDSS SSB Radio w/ DSC Receiver
STEERING	Electro-hydraulic w/ Independent Rudders
AUTOPILOT	Com Nav 2001
VHF	1 x portable VHF & 3 x Icom M504
INTERNAL TELEPHONE	International Marine Sound Powered
HAILER / PA SYSTEM	Ratheon 430
DYNAMIC POSITIONING	Simrad SDP10 / ABS Class DP2
NAVTEX	Furuno NX 700
INTERNET E-MAIL	Globe Wireless
AIS	Furuno FA150

SPECIAL EQUIPMENT:

FIRE FIGHTING	Fixed CO2 System In All Machinery Spaces
FUEL BLENDER	Cummins 110V
LIFE RAFTS	4 - 12 man floats
RESCUE EQUIPMENT	Rescue Davit and Basket
FUEL METER	Fitted
SEARCHLIGHTS	3 - Carlise & Finch 12"
DISCHARGES	Bulk, Fuel, Water Piped to Stern of Vessel
FI FI MONITORS	5300 gpm with 2 monitors
FIRE DETECTION	Smoke and Heat Detection Per USCG / ABS
CCTV Monitor	Deck (recordable), Passenger rm., Engine rm
	Compressor Room, Thruster Room
DECK LIGHTING	10 lights at 6500 watts total
	2 - 1500, 6 - 500, 2 - 250 watts
SEWAGE TREATMENT	Head Hunter System
ENGINE MONITORING	CSP Electronics
BOARDING RAMPS	Fitted Port and Starboard

DOCUMENTATION:

CLASS	ABS +A1 HSC Crewboat +AMS +DPS-2
FLAG	USA
USCG	Sub Chapter L, OSV Flammable/Combustable
	Cargo Allowed on Deck
	EEP Certified for 114 Passengers
DP CLASS	ABS DPS-2
Fire Fighting CLASS	FIFI 1 Capability
IOPP / SOPEP	USCG
BUILT	2007
OFFICIAL NUMBER	1192958
IMO NUMBER	9418250

This specification is preliminary and subject to change without notice. Exact tank capacities, deadweight, deck cargo capacity and other figures that have been calculated and may change when the actual vessel is delivered.

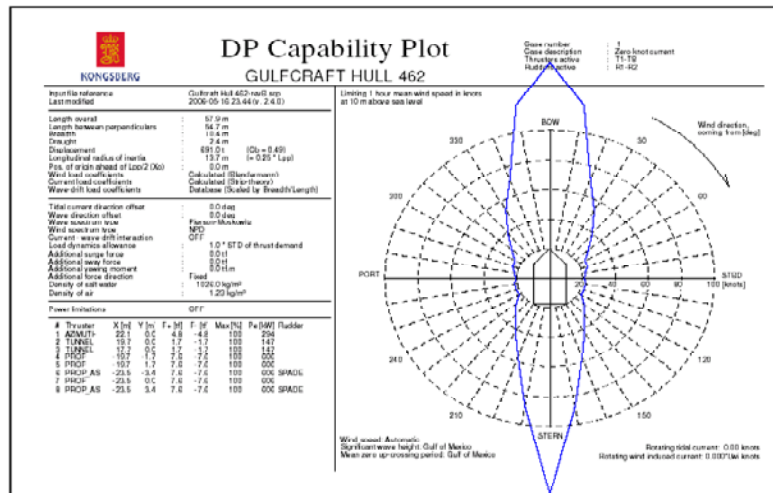
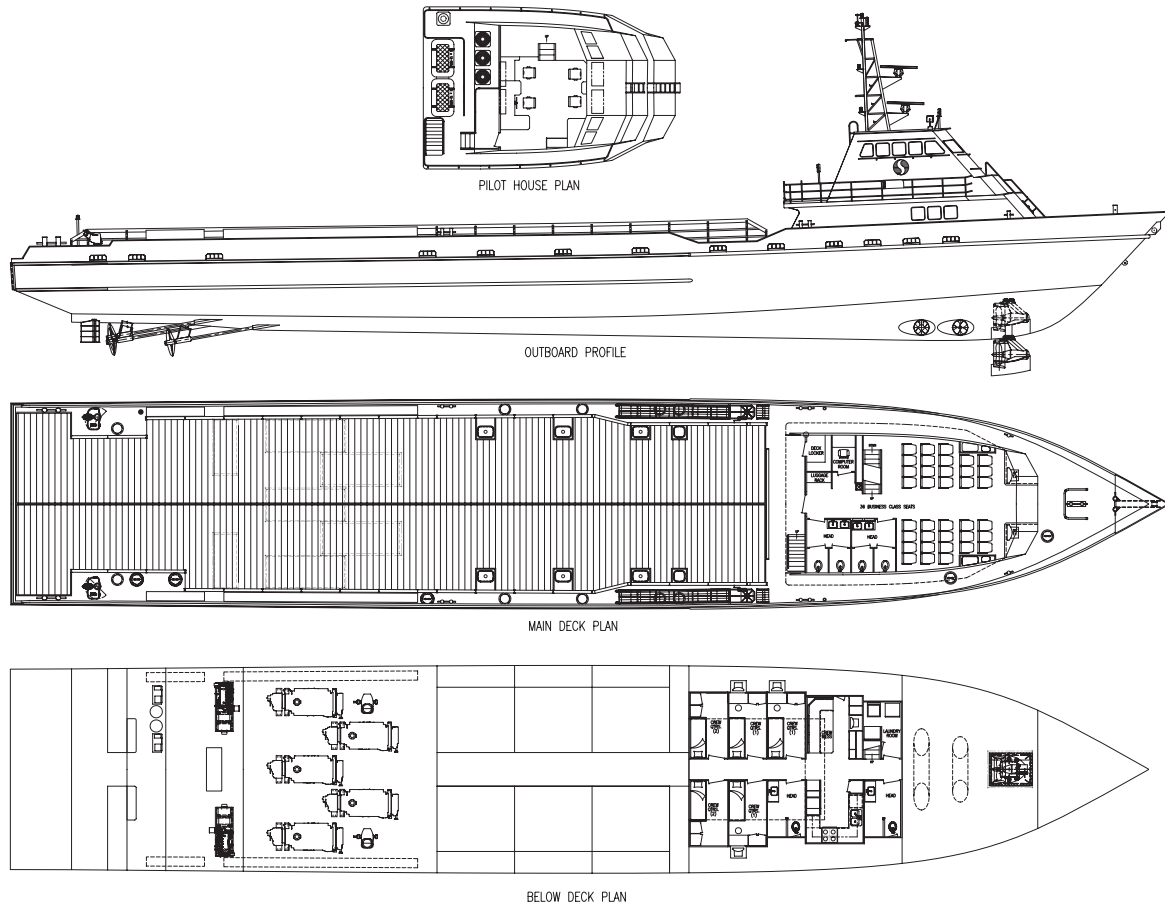


Figure 11: DP capability envelope for case 1.