

FSV ALEXANDER S McCALL

HULL 175-2 175 ft. DP-2



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MAIN PARTICULARS:

LENGTH OVERALL	180.00 ft	54.86 m
LENGTH BP	165.00 ft	50.29 m
BEAM	30.00 ft	9.14 m
DEPTH	13.00 ft	3.96 m
LIGHT DRAFT	4.50 ft	1.37 m
LOADED DRAFT - EST	7.51 ft	2.29 m
SUMMER FREEBOARD	5.81 ft	1.77 m
LIGHTSHIP	224.00 Lt	227.60 Mt

CAPACITIES:

DRILL / FRESH WATER	15,224 USG	57.6 m ³
FUEL OIL	51,302 USG	194.2 m ³
POTABLE WATER	2,906 USG	11.0 m ³
MAIN ENGINE LUBE-OIL	534 USG	2.0 m ³
SHIP'S GREY WATER	339 USG	1.3 m ³
WATER JET LUBE OIL	110 USG	0.4 m ³
SEWAGE	339 USG	1.3 m ³
BILGE OIL	50 USG	0.2 m ³
GEAR OIL	110 USG	0.4 m ³
DEADWEIGHT	385 Lt	391.2 Mt
COOLANT	82 USG	0.3 m ³

CARGO DECK:

TONNAGE	165 Lt	167.6 Mt
STRENGTH	540.0 lb/ft ²	2.6 Mt/m ²
LENGTH	105 ft	32.0 m
WIDTH	24 ft	7.3 m
CLEAR AREA	2,507 ft ²	234.1 m ²

TONNAGE:

	USA	INT
GRT	97 tons	419 tons
NRT	66 tons	125 tons

MACHINERY:

MAIN ENGINES	4 - Cummins QSK50 - EPA Tier 3/IMO Tier 2
BRAKE HORSEPOWER	1800 hp @ 1900 rpm - 7200 total hp
REDUCTION GEARS	4 - Twin Disc MGX6848
RATIO	2.58:1
WATER JETS	4 - Hamilton HT811
MAIN GENERATORS	2 - 290 KW, 480VAC, 60Hz
MAIN GENERATOR DRIVES	2 - QSKM11 290 KW - EPA Tier 2/IMO Tier 2
TUNNEL BOW THRUSTER	2 - Thrustmaster Tunnel 200 HP
TUNNEL BOW THRUSTER DRIVE	VFD
OILY WATER SEPARATOR	US-500-C Bilge Water Separator
FUEL CENTRIFUGE	1 - MAB103

PERFORMANCE:

55 TONS DEADWEIGHT	30 knots
130 TONS DEADWEIGHT	25 knots
180 TONS DEADWEIGHT	21 knots
MAXIMUM FUEL CONSUMPTION	355 GPH @ 1,900 RPM
ECONOMY FUEL CONSUMPTION	217 GPH @ 1,600 RPM

DISCHARGE RATES:

	GPM @ FT		M3/HR @ M	
DRILL WATER	150	160	34	49
FUEL OIL	150	160	34	49

ACCOMMODATIONS:

CREW	Cabins: 6	Berths: 12
GALLEY	2 heads with shower	
TELEVISION	Seating for 8	
REFRIGERATOR / FREEZER	2 - 32" TV w/ VCR/DVD in Passenger Area	
A/C & HEATING	2 - 19 cu ft side by side	
PASSENGER AREA	(3) 5 ton Central HVAC Units	
WASHER / DRYER	83 first class seats - 1 head	
	1 set - Heavy Duty	

ELECTRONICS & CONTROLS:

COMPASS	1 Magnetic, 3 Gyro
DEPTH RECORDER	Furuno FE700 Echo Sounder
ENGINE / GEAR CONTROLS	Hamilton Waterjet
EPIRB 406 MHZ	MT403FF ACCSAT
GPS	Furuno IMO GP150
CHART PLOTTER	Coastal Explorer
RADAR	2 - Furuno 2127 ARPA Enabled
SSB	FS1503
	1 X Furuno FS1570 GMDSS Radio w/ DSC Receiver
STEERING	Hamilton Waterjet
AUTOPILOT	Com Nav 2001AP
VHF	2 x portable VHF & 3 x Icom M504
INTERNAL TELEPHONE	Hose McCann VPS-F-125
HAILER	Furuno
DYNAMIC POSITIONING	Kongsberg DPS-2 KPOS w/ Cjyo
NAVTEX	Furuno NX 700
INTERNET E-MAIL	VSAT / Globe Wireless
AIS	FA150
DP REFERENCES	2-CNAV DGPS, 1-Cyscan, 1-RADius
GMDSS	Furuno RC1815
BRIDGE WATCH	Furuno BR500
PA SYSTEM	Vingtor SPA-M6H-V2

SPECIAL EQUIPMENT:

FIRE FIGHTING	Fixed CO2 System In All Machinery Spaces
LIFE RAFTS	4 - 25 man inflatable rafts
RESCUE EQUIPMENT	Rescue Davit and Basket
FUEL METER	Total Control System
SEARCHLIGHTS	3 - Carlisle & Finch
FI FI 1 MONITORS	2 - monitors @ 5300 GPM each-remote control
FIRE DETECTION	Smoke and Heat Detection Per USCG / ABS
CCTV MONITOR	Deck (recordable), Passenger rm., Engine rm
	Thruster Room
DECK LIGHTING	4 Fixtures - 1800 watt total
SEWAGE TREATMENT	Headhunter HMX-6004LP
ENGINE MONITORING	CSP
XM RADIO/ DIRECT TV / INTERNET WEATHER	Fitted
FIXED BOARDING RAMPS	Port & Starboard
ANCHOR WINCH	Hypac HHAW 30-40 750' 7/8" SS Wire Rope
DECK LOADING	26 Padeyes rated @ 2,000 lbs each

DOCUMENTATION:

CLASS	ABS +A1 HSC Crewboat +AMS +DPS-2	
	Fire Fighting Capability	
FLAG	US	
USCG	Subchapter T	
OFFICIAL #	1249099	RCS - WD16164
IMO#	9715347	
DP CLASS	ABS DP2	
IOPP / SOPEP	USCG	
USCG approved for carrying combustibles in approved tanks		
VESSEL DELIVERY DATE	2017	
EEP CERTIFIED	138	
ABS ID#	Y248370	
MMSI#	369038000	
ERN#	86, 85, 41	
KEEL LAYING DATE	10/15/12	

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.

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