

160' CREW/FSV ELIZABETH A McCALL



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VESSEL PARTICULARS

LENGTH OVERALL	160 ft	49 m
LENGTH BP	154 ft	47 m
BEAM	30 ft	9 m
DEPTH	12.5 ft	3.8 m
LIGHT DRAFT	7 ft	2.13 m
LOADED DRAFT	10 ft	3 m
SUMMER FREEBOARD	6 ft	2 m
LIGHTSHIP	150 LT	153 MT
DEADWEIGHT	335 LT	341 MT

CAPACITIES

DRILL / POTABLE WATER	37,674 USG	143 m ³
POTABLE WATER (SHIP'S)	1,232 USG	5 m ³
FUEL	20,986 USG	79 m ³
DRY BULK	2,000 ft ³	57 m ³
ENGINE LUBE OIL	400 USG	1.5 m ³

CARGO DECK

TONNAGE	285 LT	290 MT
STRENGTH	540 LB./ft ²	2.6 MT/m ²
LENGTH	91.5 ft	28 m
WIDTH	24.5 ft	7 m
CLEAR AREA	2,242 ft ²	208 m ²

TONNAGE

GRT	95 US Tons (Long)	367 ITC Tons (Metric)
NRT	64 US Tons (Long)	110 ITC Tons (Metric)

MACHINERY

MAIN ENGINES	4 - KTA38M2 Cummins 1350BHP Each
BRAKE HORSEPOWER	5400BHP @ 1950RPM
REDUCTION GEARS	4 - Twin Disc 6650
GEAR RATIO	2.5:1
RUDDERS	2 - Stainless Steel
PROPELLERS	4 - 4 Blade 42"D x 47"P
AUXILIARY GENERATORS	2 - 99kW, 120/208VAC, 3 Phase, 60 Hz
BOW THRUSTER	75hp Tunnel Thruster
BULK COMPRESSOR	LeRoi WE150-11M 80 psi System

PERFORMANCE

MAXIMUM SPEED	25 knots	
CRUISING SPEED	22 knots	
ECONOMY SPEED	20 knots	
MAXIMUM FUEL CONSUMPTION	260 USG/Hr	24 m ³ /24 Hrs
CRUISING FUEL CONSUMPTION	200 USG/Hr	18 m ³ /24 Hrs
ECONOMY FUEL CONSUMPTION	150 USG/Hr	13.6 m ³ /24 Hrs

DISCHARGE RATES

DRILL / POTABLE WATER	200 USG/min @ 200 ft	45 m ³ /Hr @ 61 m
FUEL	120 USG/min @ 100 ft	27 m ³ /Hr @ 30 m
BULK MATERIAL	30 ft ³ /min @ 80 psi	0.84 m ³ /min @ 5.5 Bar

ACCOMMODATIONS

CABINS/BERTHS	4 / 8
OFFICERS' CABINS	2
CREW CABINS	2
VIP	0
PASSENGERS	81 Business Class
LOUNGE SEATING	0
MESS SEATING	8
BUSINESS SEATING	81 Reclining Seats with Seat Belts

ELECTRONICS & CONTROLS

DEPTH SOUNDER	1 - Datamarine
CSP MONITORING	Equipped
GMDSS	N/A
GPS	1 - Garmin 215
RADAR(S)	2 - Furuno
VHF	3 - Icom
SSB	1 - Icom
INTERNET E-MAIL	Globe Wireless
WEATHER RADIO	XM

SPECIAL EQUIPMENT

EXTERNAL FIFI	900 GPM
NUMBER OF MONITORS	1 - Mounted on Stern
REEFER PLUG	Equipped

DOCUMENTATION

CLASS	ABS: Load Line
FLAG	United States
SOLAS	No
USCG	USCG Subchapter T / L
YEAR BUILT	2004

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