

170' CREW/FSV RANDALL B McCALL



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VESSEL PARTICULARS

LENGTH OVERALL	170 ft	52 m
LENGTH BP	165 ft	50 m
BEAM	34 ft	10 m
DEPTH	12.83 ft	4 m
LIGHT DRAFT	8 ft	2.29 m
LOADED DRAFT	10.42 ft	3.18 m
SUMMER FREEBOARD	6.5 ft	2 m
LIGHTSHIP	214 LT	218 MT
DEADWEIGHT	409 LT	416 MT

CAPACITIES

DRILL / POTABLE WATER	52,678 USG	199 m ³
POTABLE WATER (SHIP'S)	1,412 USG	5 m ³
FUEL	26,352 USG	100 m ³
DRY BULK	2,000 ft ³	57 m ³
ENGINE LUBE OIL	539 USG	2 m ³

CARGO DECK

TONNAGE	363 LT	370 MT
STRENGTH	540 LB./ft ²	2.6 MT/m ²
LENGTH	99.5 ft	30 m
WIDTH	27.7 ft	8 m
CLEAR AREA	2,752 ft ²	254 m ²

TONNAGE

GRT	91 US Tons (Long)	472 ITC Tons (Metric)
NRT	61 US Tons (Long)	141 ITC Tons (Metric)

MACHINERY

MAIN ENGINES	4 - KTA50M2 Cummins 1800BHP Each
BRAKE HORSEPOWER	7,200BHP @ 1,900RPM
REDUCTION GEARS	4 - Twin Disc MG-6848 SC
GEAR RATIO	2.93:1
RUDDERS	2
PROPELLERS	4 - Teignbridge 52"D x 54"P Controllable Speed Propellers
AUXILIARY GENERATORS	2 - 99kW, 120/208VAC, 3 Phase, 60 Hz
BOW THRUSTER	Thrustmaster 200hp Asimuthing
FUEL-OIL PURIFIER	1 - Alpha Laval MAB 103
BULK COMPRESSOR	LeRoi WE150-11M 80 psi System

PERFORMANCE

MAXIMUM SPEED	26 knots	
CRUISING SPEED	23 knots	
ECONOMY SPEED	20 knots	
MAXIMUM FUEL CONSUMPTION	340 USG/Hr	31 m ³ /24 Hrs
CRUISING FUEL CONSUMPTION	294 USG/Hr	27 m ³ /24 Hrs
ECONOMY FUEL CONSUMPTION	212 USG/Hr	19.3 m ³ /24 Hrs

DISCHARGE RATES

DRILL / POTABLE WATER	600 USG/min @ 130 ft	136 m ³ /Hr @ 40 m
FUEL	180 USG/min @ 60 ft	41 m ³ /Hr @ 18 m
BULK MATERIAL	30 ft ³ /min @ 80 psi	0.84 m ³ /min @ 5.5 Bar

ACCOMMODATIONS

CABINS/BERTHS	5 / 10
OFFICERS' CABINS	2
CREW CABINS	3
VIP	VIP Room with Seating for 7
PASSENGERS	81 Business Class
LOUNGE SEATING	7
MESS SEATING	8
BUSINESS SEATING	74 Reclining with Seat Belts

ELECTRONICS & CONTROLS

DEPTH SOUNDER	Datamarine 3001
DYNAMIC POSITIONING	Simrad SPD10 - DP1
CSP MONITORING	Equipped
GMDSS	Equipped
GPS	1 - Garmin 215
RADAR(S)	2 - Furuno FR 811
VHF	3 - Icom - MCM59
SSB	1 - Icom - ICM 710
INTERNET E-MAIL	Globe Wireless
WEATHER RADIO	XM

SPECIAL EQUIPMENT

EXTERNAL FIFI	2 - 1500 GPM
NUMBER OF MONITORS	2
CONTAINER POWER SUPPLY	1 - 220V/50A/3 Phase, on Deck

DOCUMENTATION

CLASS	ABS: +A1 +HSC +AMS - DP-1
FLAG	United States
SOLAS	No
USCG	USCG Subchapter T / L
YEAR BUILT	2003
BUILDER	Neuville

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.

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