

# 170' CREW/FSV CHARLES F 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	7.5 ft	2.3 m
LOADED DRAFT	10.42 ft	3.2 m
SUMMER FREEBOARD	7 ft	2 m
LIGHTSHIP	223.92 LT	228 MT
DEADWEIGHT	395 LT	402 MT

## CAPACITIES

DRILL / POTABLE WATER	51,328 USG	194 m <sup>3</sup>
POTABLE WATER (SHIP'S)	1,200 USG	5 m <sup>3</sup>
FUEL	26,352 USG	100 m <sup>3</sup>
DRY BULK (DECK TANKS)	2,200 ft <sup>3</sup>	62 m <sup>3</sup>
ENGINE LUBE OIL	600 USG	2 m <sup>3</sup>

## CARGO DECK

TONNAGE	363 LT	369 MT
STRENGTH	500 LB./ft <sup>2</sup>	2.4 MT/m <sup>2</sup>
LENGTH	104 ft	32 m
WIDTH	28 ft	9 m
CLEAR AREA	2,912 ft <sup>2</sup>	271 m <sup>2</sup>

## TONNAGE

GRT	462 ITC Tons (Metric)
NRT	138 ITC Tons (Metric)

## MACHINERY

MAIN ENGINES	5 - KTA38M2 Cummins 1350BHP Each
BRAKE HORSEPOWER	6750BHP @ 1950RPM
REDUCTION GEARS	Twin Disc 6650
GEAR RATIO	2.5 / 1
RUDDERS	3 - Stainless Steel
PROPELLERS	5 - 4 Blade 46" D X 42" P
AUXILIARY GENERATORS	2 - 75kW, 120/208VAC, 3 Phase, 60 Hz
BOW THRUSTER	Thrustmaster 250hp Azimuthing
FUEL-OIL PURIFIER	Alfa Laval MAB 103B-24
BULK COMPRESSOR	LeRoi WE150-11M 80 psi System

## PERFORMANCE

MAXIMUM SPEED	22 knots	
CRUISING SPEED	20 knots	
ECONOMY SPEED	18 knots	
MAXIMUM FUEL CONSUMPTION	325 USG/Hr	30 m <sup>3</sup> /24 Hrs
CRUISING FUEL CONSUMPTION	250 USG/Hr	23 m <sup>3</sup> /24 Hrs
ECONOMY FUEL CONSUMPTION	200 USG/Hr	18.2 m <sup>3</sup> /24 Hrs

## DISCHARGE RATES

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

## ACCOMMODATIONS

CABINS/BERTHS	6 / 11
PASSENGERS	56 Seats
MESS SEATING	8

## ELECTRONICS & CONTROLS

DEPTH SOUNDER	Datamarine
CSP MONITORING	Equipped
GMDSS	A1, A2, A3
GPS	1 - Furuno
RADAR(S)	2 - Furuno
VHF	Three Sailor
SSB	One Sailor
INTERNET E-MAIL	Globe Wireless
WEATHER RADIO	XM

## SPECIAL EQUIPMENT

EXTERNAL FIFI	900 GPM
NUMBER OF MONITORS	1
PASSENGER TRANSFER HYDRAULIC PLATFORM	

## DOCUMENTATION

CLASS	ABS: +A1 AMS
FLAG	Marshall Islands
SOLAS	No
YEAR BUILT	2000
BUILDER	Neuville Shipyard

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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