

# 175' CREW/FSV MOLLY R McCALL



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## MAIN PARTICULARS

LENGTH OVERALL	180.00 ft	54.86 m
LIGHT DRAFT	4.50 ft	1.37 m
LENGTH BP	165.00 ft	50.29 m
LOADED DRAFT	7.51 ft	2.29 m
BEAM	30.00 ft	9.14 m
SUMMER FREEBOARD	5.64 ft	1.72 m
DEPTH	13.00 ft	3.96 m
LIGHTSHIP	224.00 Lt	227.60 Mt

## CAPACITIES

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

## CARGO DECK

TONNAGE	165 Lt	167.6 Mt
STRENGTH	540.0 lb/ft <sup>2</sup>	2.6 Mt/m <sup>2</sup>
LENGTH	105 ft	32.0 m
WIDTH	24 ft	7.3 m
CLEAR AREA	2,514 ft <sup>2</sup>	234.1 m <sup>2</sup>

## TONNAGE

	USA	INT
GRT TONNAGES	97	419
NRT TONNAGES	66	125

## MACHINERY

MAIN ENGINES	4 - Cummins QSK50 - EPA Tier 3
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
TUNNEL BOW THRUSTER	2 - Thrustmaster Tunnel 200 HP
TUNNEL BOW THRUSTER DRIVE	VFD
OILY WATER SEPARATOR	BOSS 2.2T/107
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		M <sup>3</sup> /HR @ M	
DRILL WATER	150	160	34	49
FUEL OIL	150	160	34	49

## ACCOMMODATIONS

CABINS	6
BERTHS	12
CREW	2 heads with shower
GALLEY	Seating for 8
TELEVISION	2 - 32" TV w/ VCR/DVD in Passenger Area
REFRIGERATOR / FREEZER	1 - 14 cu ft & 1 - 19 cu ft side by side
A/C & HEATING	(3) 5 ton Central HVAC Units
PASSENGER AREA	83 first class seats - 1 head
WASHER / DRYER	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/ Cjoy
NAVTEX	Furuno NX 700
INTERNET E-MAIL	VSAT / Globe Wireless
AIS	FA150
DP REFERENCES	2-CNAV DGPS, 1-Cyscan, 1-RADius
GMDSS	Furuno RC1815
PA SYSTEM	Vingtor SPA-M6H-V2
BWNAS	Furuno

## SPECIAL EQUIPMENT

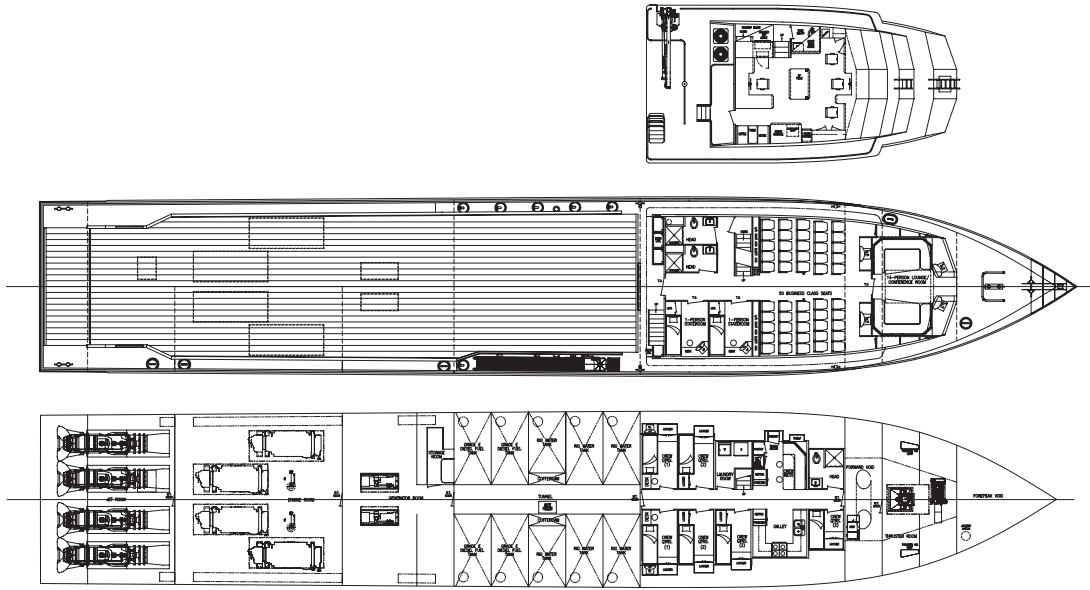
FIRE FIGHTING	Fixed CO2 System In All Machinery Spaces
LIFE RAFTS	4 - 25 man inflatable rafts
RESCUE EQUIPMENT	Rescue Davit and Basket
FUEL METER	Total Control System
SEARCHLIGHTS	3 - Carlisle & Finch
FI FI 1 MONITORS	2 - monitors @ 5300 GPM each-remote control
FIRE DETECTION	Smoke and Heat Detection 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

## DOCUMENTATION

CLASS	ABS +A1 HSC Crewboat +AMS +DPS-2 Fire Fighting Capability
FLAG	US
USCG	Subchapter T
OFFICIAL #	1249098
RCS	WDH4487
IMO#	9715335
DP CLASS	ABS DP2
IOPP / SOPEP	USCG
USCG APPROVED FOR CARRING COMBUSTIBLES IN APPROVED TANKS	
VESSEL DELIVERY DATE	2014
ECP CERTIFIED	138
ABS ID#	YY248369
MMSI#	369346000
ERN#	86, 85, 41
KEEL LAYING DATE - 175-1	9/26/12

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

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