

# 190' DP-2 FSV PAULA McCALL



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## MAIN PARTICULARS

LENGTH OVERALL	190.00 ft	57.91 m
LENGTH BP	176.00 ft	53.64 m
BEAM	34.00 ft	10.36 m
DEPTH	13.04 ft	3.97 m
LIGHT DRAFT	6.50 ft	1.98 m
LOADED DRAFT	10.41 ft	3.17 m
SUMMER FREEBOARD	5.67 ft	1.73 m
LIGHTSHIP	249.00 Lt	253.00 Mt

## CAPACITIES

DRILL / FRESH WATER	63,433 USG	240.1 m <sup>3</sup>
FUEL OIL	60,500 USG	229.0 m <sup>3</sup>
POTABLE WATER	3,000 USG	11.4 m <sup>3</sup>
MAIN ENGINE LUBE-OIL	600 USG	2.3 m <sup>3</sup>
HYDRAULIC OIL	80 USG	0.3 m <sup>3</sup>
SEWAGE	450 USG	1.7 m <sup>3</sup>
BILGE OIL	380 USG	1.4 m <sup>3</sup>
GEAR OIL	125 USG	0.5 m <sup>3</sup>
DEADWEIGHT	490 Lt	497.9 Mt
COOLANT	175 USG	0.7 m <sup>3</sup>

## CARGO DECK

TONNAGE	450 Lt	457.2 Mt
STRENGTH	540.0 lb/ft <sup>2</sup>	2.6 Mt/m <sup>2</sup>
LENGTH	122.5 ft	37.3 m
WIDTH	28.0 ft	8.5 m
CLEAR AREA	3,316 ft <sup>2</sup>	318.7 m <sup>2</sup>

## TONNAGE

GRT	98 US tons	496 tons
NRT	66 US tons	148 tons

## MACHINERY

MAIN ENGINES	5 x Cummins KTA-50-M2
BRAKE HORSEPOWER	5 x 1,800 = 9000 BHP @ 1900 RPM
REDUCTION GEARS	5 x Twin Disc MG-6848
RATIO	2.93:1
CONTROLLABLE SPEED	
PROPELLERS	4 blade Michigan 54"x 54"
PROPELLER SHAFTING	5" x 26'-3" Stainless Steel
RUDDERS	3 - Independent x Stainless steel W/ 6" shaft
MAIN GENERATORS	2 x 160 kW, 208 VAC, 60 Hz, 3ø
MAIN GENERATOR DRIVES	2 x Cummins 6CTA
AZIMUTH BOW THRUSTER	1 x Thrustmaster TH400RN
AZIMUTH BOW THRUSTER DRIVE	Cummins QSM 11
TUNNEL BOW THRUSTER	2 x Thrustmaster 30TT200
TUNNEL BOW THRUSTER DRIVE	1 x Cummins QSM-11
OILY WATER SEPARATOR	US-500-C Bilge Water Separator

## PERFORMANCE

MAXIMUM SPEED	25 knots
CRUISING SPEED	22 knots
ECONOMY SPEED	20 knots
MAXIMUM FUEL CONSUMPTION	420 GPH @ 1,900 RPM
CRUISING FUEL CONSUMPTION	310 GPH @ 1,800 RPM
ECONOMY FUEL CONSUMPTION	260 GPH @ 1,600 RPM

## DISCHARGE RATES

	GPM @	FT	M <sup>3</sup> /HR @	M
DRILL WATER	700	260	159	79
FUEL OIL	216	365	49	111

## ACCOMMODATIONS

CABINS:	6
BERTHS:	10
CREW	2 heads with shower
GALLEY	Seating for 6
TELEVISION	2 - 32" TV w/ VCR/DVD in Passenger Area
REFRIGERATOR / FREEZER	2 - 19 cu ft side by side
A/C & HEATING	(2) 5 ton, (1) 2 ton Central HVAC Units
PASSENGER AREA	40 first class seats - 2 head / 1 shower 2 cabins / 8 berths
WASHER / DRYER	1 set - Heavy Duty

## ELECTRONICS & CONTROLS

COMPASS	1 Magnetic, 2 Gyro
DEPTH RECORDER	1 - Datamarine 3001
ENGINE / GEAR CONTROLS	Twin Disc
EPIRB 406 MHZ	McMurdo Smartfind 406
GPS	Furuno GP 1720C / NT
CHART PLOTTER	Coastal Explorer
RADAR	2 x Furuno 2127 (ARPA Enabled)
SSB	FS1503 Furuno FS2501 GMDSS SSB Radio w/ DSC Receiver
STEERING	Electro-hydraulic w/ Independent Rudders
AUTOPILOT	Com Nav 2001
VHF	2 x portable VHF & 3 x Icom M504
INTERNAL TELEPHONE	International Marine Sound Powered
HAILER / PA SYSTEM	2 - Ratheon 430
DYNAMIC POSITIONING	Kongsberg DPS-2 KPOS w/ Cjoy
NAVTEX	Furuno NX 700
INTERNET E-MAIL	Globe Wireless
AIS	Furuno FA150
SVDR	Headway HMT100

## SPECIAL EQUIPMENT

FIRE FIGHTING	Fixed CO2 System In All Machinery Spaces
LIFE RAFTS	5 - 12 man floats
RESCUE EQUIPMENT	Rescue Davit and Basket
FUEL METER	Fitted
SEARCHLIGHTS	1 - 10" and 2 12"
DISCHARGES	Fuel, Water Piped to Stern of Vessel
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	2 - 1500 Watt, 2 - 250 Watt, 6 - 500 Watt
SEWAGE TREATMENT	Head Hunter System
ENGINE MONITORING	CSP Electronics
XM RADIO/ DIRECT TV / INTERNET WEATHER	Fitted
FIXED BOARDING RAMPS	Port & Starboard
REEFER RECEPTACLES	3 - 30 amp - 440 v
H2S/LEL GAS DETECTION SYSTEM	Honeywell Touchpoint Plus

## DOCUMENTATION

CLASS	ABS +A1 HSC Crewboat +AMS +DPS-2
FLAG	Marshall Islands
HOME PORT	Majuro
OFFICIAL #7885	RCS - V7YC4
IMO#	9561435
DP CLASS	ABS DP2
IOPP / SOPEP	ABS
MMSI	538007885
VESSEL DELIVERY DATE	2009
ABS ID#	9185712

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.