

158' CREW/FSV LISA F



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MAIN PARTICULARS

LENGTH OVERALL	162.00 ft	49.37 m
LIGHT DRAFT	7.50 ft	2.29 m
LENGTH BP	153.25 ft	46.71 m
LOADED DRAFT	8.97 ft	2.73 m
BEAM	30.00 ft	9.14 m
SUMMER FREEBOARD	4.56 ft	1.39 m
DEPTH	12.50 ft	3.81 m
LIGHTSHIP	171.26 Lt	174.01 mt

CAPACITIES

DRILL / POTABLE WATER	23,099.00 USG	87.44 m ³
FUEL OIL	19,220.00 USG	72.76 m ³
POTABLE WATER	780.00 USG	2.95 m ³
MAIN ENGINE LUBE-OIL	700.00 USG	2.65 m ³
GEAR OIL	110.00 USG	0.42 m ³
DEADWEIGHT	350.00 Lt	355.62 mt
GRAY WATER	2,100.00 USG	7.95 m ³

CARGO DECK

TONNAGE	255.00 Lt	259.09 mt
STRENGTH	540.00 lb/ft ²	2.64 mt/m ²
LENGTH	97.00 ft	29.57 m
WIDTH	25.60 ft	7.80 m
CLEAR AREA	2,500.00 ft ²	230.70 m ²

TONNAGE

	USA	INT
GRT	98 tons	324 tons
NRT	67 tons	97 tons

MACHINERY

MAIN ENGINES	5 x Cummins KTA-38 M 2
BRAKE HORSEPOWER	6,750 BHP
REDUCTION GEARS	Five Twin Disc 6650 Gear 2.5:1
PROPELLERS	5 x 4 blade Michigan 45"x47" Equi-Quad Nibral
RUDDERS	2 x Stainless steel
GENERATORS	2 x 75 kW, 120/208 VAC, 60 Hz, 3φ
GENERATOR DRIVES	2 x Cummins 6TBA 5.9
THRUSTER ENGINE	1 x Cummins 6 CTA 8.3 M1
BOWTHRUSTER	200 HP Tunnel Thruster

PERFORMANCE

MAXIMUM SPEED	28 knots
CRUISING SPEED	23 knots
ECONOMY SPEED	19 knots
MAXIMUM FUEL CONSUMPTION	325 GPH @ 1,950 RPM
CRUISING FUEL CONSUMPTION	250 GPH @ 1,700 RPM
ECONOMY FUEL CONSUMPTION	200 GPH @ 1,500 RPM

DOCUMENTATION

CLASS	ABS Class +A1
FLAG	Mexico ON; 1139273 RCS; WDB3794
USCG	Sub Chapter T & L, Small Passenger Vessel Gulf of Mexico to 200 miles Flammable/Combustible Cargo allowed on Deck
IMO #	9283100
YEAR BUILT	2003

DISCHARGE RATES

	GPM @ FT		M ³ /HR @ M	
DRILL WATER	600	130	136	40
FUEL OIL	90	100	20	30
GRAY WATER	175	50	40	15

ACCOMMODATIONS

CABINS:	5	Berths:	10
CREW	5 - Double Rooms shared 1 head W/ shower		
GALLEY	Main Mess: 8 Electric Range, Microwave, Pantry Chest Freezer, Refrigerator Freezer		
PASSENGERS	80 Reclining Business Class Seats w/ seatbelts 1 head with shower 2-32" TV w/ VCR- DVD Stereo Sound System		
CENTRAL AIR / HEAT	1-4,1-5 Ton Central Air units		

ELECTRONICS & CONTROLS

AUTOPILOT	Com Nav
COMPASS	Magnetic
DEPTH RECORDER	Data Marine 3001
ENGINE / GEAR CONTROLS	CSP Electronic
EPIRB 406 MHZ	Northern Airbone Technology S-1010
GPS	Garmin GPSMAP 215
RADAR	Two Furuno - FR8111
SSB	One Icom ICM710
STEERING	7.5 HP Electro-hydraulic type W/ Autopilot
VHF	3 Icom 502
NAVTEX	Furuno NX 5
INTERNET E-MAIL	Globe Wireless
VESSEL SYSTEMS MONITORING	CSP Electronics

SPECIAL EQUIPMENT

FIRE FIGHTING	1-900 GPM Monitor, 1 2,500 GPM Monitor
FUEL BLENDER	Cummins 110V
LIFE RAFTS	7 x 12 man plus 1 x 6 man
RESCUE EQUIPMENT	Rescue Davit and Basket Rescue Ladder
FUEL METER	2" fuel meter with printer
SEWAGE TREATMENT	Red Fox
SEARCHLIGHTS	Three 12"
MAIN DECK	Low Bulwark Aft & Safety Barrier Fwd

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.