

170' CREW/FSV EMPIRE STATE



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MAIN PARTICULARS

LENGTH OVERALL	52.00 m	170.00 ft
LENGTH BP	50.00 m	165.00 ft
BEAM	10.00 m	34.00 ft
DEPTH	4.00 m	13.00 ft
LIGHT DRAFT	2 m	8.00 ft
DRAFT LOADED	2.00 m	10.00 ft
SUMMER FREEBOARD	2.00 m	7.00 ft
LIGHTSHIP	209 MT.	205 LT.

CAPACITIES

FUEL	113 m ³	29,948 USG
POTABLE WATER	166 m ³	43,859 USG
DEADWEIGHT	423 MT.	415 LT.

CARGO DECK

TONNAGE	367 MT.	380 LT.
STRENGTH	2 MT./m ²	0.2 LT./ft. ²
LENGTH	32 m	104 ft.
WIDTH	9 m	28 ft.
CLEAR AREA	269 m ²	2,898 ft. ²

TONNAGE

GRT	462 tons (ITC)	98 US tons
NRT	138 tons (ITC)	66 US tons

MACHINERY

MAIN ENGINES	4 x KTA - 50 Cummins
BRAKE HORSEPOWER	7,200
REDUCTION GEARS	Twin Disc 6848
GEAR RATIO	3:1
RUDDERS	2
PROPELLERS	54 x 53
AUXILIARY GENERATORS	2 x 99Kw
BOW THRUSTER	200 HP AZIMUTHING

PERFORMANCE

MAXIMUM SPEED	22 knots	
CRUISING SPEED	18 knots	
MAXIMUM FUEL CONSUMPTION	20 m ³ /24 Hrs	219 USG/Hr
CRUISING FUEL CONSUMPTION	16 m ³ /24 Hrs	175 USG/Hr

DISCHARGE RATES

FUEL	41 m ³ /Hr @18 m	180 USG/min @ 60 ft.
Potable Water	136 m ³ /Hr @ 40 m	600 USG/min @ 130 ft.

ACCOMODATIONS

CABINS/BERTHS	7 / 10
OFFICERS	2 berths
CREW	8 berths
PASSENGERS	60 Business Class
MESS	8
BUSINESS SEATS	60

ELECTRONICS & CONTROLS

DEPTH SOUNDER	1 - Datamarine Digital
GPS	Garmin
RADAR(S)	2 x Furuno
VHF	2
SSB	1 - SEA 222
INTERNET E-MAIL	Globe Wireless

SPECIAL EQUIPMENT

EXTERNAL FIFI	1 @ 11,500 gpm
NUMBER OF MONITORS	1

DOCUMENTATION

CLASS	ABS + A1 HSC AMS
FLAG	Marshall Island
SOLAS	No
YEAR BUILT	2002

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.

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