

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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