

## DP-1 JET DRIVE FAST CREW/SUPPLY VESSEL

# M/V Storm



### Main Characteristics

|                 |          |         |
|-----------------|----------|---------|
| Length, Overall | 175 ft.  | 53.34 m |
| Beam            | 30 ft.   | 9.14 m  |
| Depth           | 13.5 ft. | 4.11 m  |
| Light draft     | 4.5 ft.  | 1.37 m  |
| Loaded draft    | 9 ft.    | 2.74 m  |

### Capacities

|                       |            |           |
|-----------------------|------------|-----------|
| Ballast / Drill Water | 34,800 USG | 131.22 m3 |
| Fuel                  | 27,200 USG | 102.95 m3 |
| Potable Water         | 1,230 USG  | 4.06 m3   |

### Tonnage

|                       |       |         |
|-----------------------|-------|---------|
| Gross Registered Tons | 98 US | 368 ITC |
| Net Registered Tons   | 67 US | 110 ITC |

### Machinery

|                 |                               |
|-----------------|-------------------------------|
| Main Engines    | (4) Cummins TA50 M2 @ 1800RPM |
| Reduction Gears | Twin Disc MGX684SC            |
| Gear Ratio      | 2.5:1                         |
| Generator Sets  | (2) Cummins 6CTA8.3 @ 180 kW  |
| Water Jets      | (4) Hamilton HM-811           |

### Performance

|                             |                  |              |
|-----------------------------|------------------|--------------|
| Maximum Speed @ Light Ship  | 30LT / 30.05MT   | 34 Knots     |
| Cruising Speed @ Light Ship | 30LT / 30.5 MT   | 31 Knots     |
| Maximum Speed @ Half Load   | 145 LT/147.36 MT | 25 Knots     |
| Cruising Speed @ Half Load  | 290 LT/294.72 MT | 22 Knots     |
| Maximum Speed @ Full Load   | 290 LT/294.72 MT | 19 Knots     |
| Cruising Speed @ Full Load  | 290 LT/294.72 MT | 17 Knots     |
| Maximum Fuel Consumption    | 300 USG/Hr.      | 27.25 m3/Day |
| Cruising Fuel Consumption   | 260 USG/Hr.      | 23.62 m3/Day |

### Discharge Rates

|                       |                 |                 |
|-----------------------|-----------------|-----------------|
| Ballast / Drill Water | 350 GPM @ 100ft | 1.3 m3 @ 30.5 m |
| Fuel                  | 350 GPM @ 100ft | 1.3 m3 @ 30.5 m |

### Special Equipment

|  |                |
|--|----------------|
| Closed circuit monitoring system           |                |
| Wireless Internet, email and voice over IP | KVHV7          |
| Satellite TV                               | KVH TracVision |

### Special Safety Equipment

|                                       |
|---------------------------------------|
| Elkhart 292-6 Fire Monitor            |
| Inflatable Life Rafts                 |
| Redundant CO2 Fire Suppression System |
| Portable Defibrillator                |

### Electronics

|                     |                      |
|---------------------|----------------------|
| Radar               | (2) Furuno FR-8122   |
| GPS Positioning     | Furuno GP-37         |
| SSB Radio           | Furuno DS-1503       |
| VHF Radio           | (2) Furuno FM 8800S  |
| AIS Locating        | Furuno FA-150        |
| Depth Sounder       | Furuno FE-700        |
| Chart Plotter       | Interfaced RosePoint |
| Dynamic Positioning | DEIER IVCS 2000 DP-1 |

### Accommodations

|                    |   |
|--------------------|---|
| Cabins and Berths  | 4 / 7 persons   |
| Mess               | 5 persons   |
| Certified to Carry | 70 persons total  |
| Seats              | 58 Reclining w/seat belts<br>12 Fixed at Work Table<br>w/seat belts |
| Entertainment      | (2) 42 in HD Flat Screen TV DVD<br>w/Satellite Broadcasting         |

### Documentation

|                 |   |
|-----------------|---|
| Class           | USCG Subchapter "T"<br>ABS HSC Classification A1, AMS, DPS-1<br>International Load line |
| Flag            | United States of America  |
| Official Number | 1216981   |
| Class Number    | 09199095  |
| Year Built      | 2009  |
| Builder         | Swiftships, Inc., Morgan City, LA   |



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