

M.V. FS ARENDAL

DP1 VS 470 Mk II 6,040 BHP Platform Supply Vessel



OWNER / MANAGER Fletcher Supply Vessels Ltd
BUILT Kleven Verft, Ulsteinvik, Norway, 2006

FLAG British
CLASSIFICATION DnV, +1A1, DK(+), DYNPOS(AUT), E0, HL(2.5), SF, FiFi1

DIMENSIONS

| | |
|-------------------|--------------------------------|
| LOA | 73.4 m |
| Breadth (Moulded) | 16.6 m |
| Depth (Moulded) | 7.6 m |
| Draft | Max - 6.5 m Min – abt. 3.9m |
| GRT | 2579 t |
| NRT | 740 t |
| Deadweight | 3544 mt |

MACHINERY

| | |
|-------------------|--------------|
| Main Engines | 2 x 3020 BHP |
| Thrusters (Bow) | 2 x 790 BHP |
| Thrusters (Stern) | 2 x 790 BHP |
| Propellers | 2 x CP |
| Capstans | 2 x 8t |
| Deck Crane | 1 x 4t @ 9m |
| Tugger Winch | 2 x 10t |
| Reefer Points | 25 x 440v |

SPEED & CONSUMPTION

| | |
|-------------------|------------------------|
| Idling / Standby | Abt. 2 m ³ |
| @ 10 Knots / hr | Abt. 8 m ³ |
| @ 13.5 Knots / hr | Abt. 12 m ³ |
| @ 15 Knots / hr | Abt. 25 m ³ |

CARGO CAPACITY

| | |
|-----------------------|---|
| Deck Area | 720 m ² (52.2 m x 13.8 m) |
| Deck Load | 1550 t |
| Deck Strength | 5 t/m ² (min) |
| Fuel Oil | 1094 m ³ |
| Potable Water | 979 m ³ |
| Drill Water / Ballast | 695 m ³ |
| Oil Based Mud | 3371 bbls @ 100% + 3371 multi purpose tanks |
| Base Oil | 5384 bbls @ 100% + 1346 bbls multi purpose tanks |
| Brine | 3371 bbls @ 100% + 3371 multi purpose tanks |
| Dry Bulk | 12007 ft ³ @ 100% |

DISCHARGE RATES

| | |
|-----------------------|---------------------------------------|
| Fuel | 2 x 100 m ³ / hr |
| Potable Water | 1 x 100 m ³ / hr @ 5.6 bar |
| Oil Based Mud | 2 x 100 m ³ / hr |
| Brine | 2 x 70 m ³ / hr |
| Drill Water / Ballast | 1 x 100 m ³ / hr |
| Base Oil | 1 x 100 m ³ / hr |
| Dry Bulk | 75mt / hr |

ACCOMMODATION

| |
|--------------|
| 9 x 1 man |
| 3 x 2 man |
| 2 x 4 man |
| 1 x Gym |
| 1 x Hospital |

COMMUNICATIONS EQUIPMENT GMDSS A3

| |
|--|
| 1 x MF / HF Transmitter / Receiver |
| 1 x Inmarsat C |
| 3 x GMDSS VHF |
| 3 x UHF Radio |
| 2 x Radar Transponders |
| 2 x Tron SART |
| UK Mobile Phones, VSAT, E-mail, Broadband, GSM |

NAVIGATION EQUIPMENT

| |
|------------------|
| 2 x ARPA Radar |
| 1 x GPS Sat Nav |
| 1 x DGPS Sat Nav |
| 1 x Echo Sounder |
| 2 x Compass |
| 1 x Autopilot |
| 1 x Speed Log |

MANOEUVRING EQUIPMENT

| |
|-------------------------|
| 2 x Reference Systems – |
| 1 x DGPS, 1 x Fanbeam |
| 1 x Joystick |

TANK CAPACITIES

| TANK | TANK ID | CONTENTS | VOLUME (M ³) | | | | | | | | |
|------|---------------------|--------------|--------------------------|-------------|-------------|-------------|-------------|------------|-------------|---------------|-----|
| | | | FRESH WATER | FUEL OIL | BRINE | DRILL WATER | MUD | DRY BULK | BASE OIL | WATER BALLAST | |
| 1 | Dry 321 | Cement | | | | | | | 85 | | |
| 2 | Dry 322 | Cement | | | | | | | 85 | | |
| 3 | Dry 323 | Cement | | | | | | | 85 | | |
| 4 | Dry 324 | Cement | | | | | | | 85 | | |
| 5 | FO 301 | FO | | 94 | | | | | | | |
| 6 | FO 302 | FO | | 94 | | | | | | | |
| 7 | FO 303 | FO | | 93 | | | | | | | |
| 8 | FO 401 | FO | | 79 | | | | | | | |
| 9 | FO 402 | FO | | 79 | | | | | | | |
| 10 | FO 501 | FO | | 76 | | | | | | | |
| 11 | FO 502 | FO / BO | | 89 | | | | | | | |
| 12 | FO 503 | FO | | 77 | | | | | | | |
| 13 | FO 601 | FO | | 102 | | | | | | | |
| 14 | FO 602 | FO | | 102 | | | | | | | |
| 15 | FO 212 | FO | | 43 | | | | | | | |
| 16 | FO 213 | FO | | 46 | | | | | | | |
| 17 | FO 231 | FO | | 1 | | | | | | | |
| 18 | FO 207 | FO | | 21 | | | | | | | |
| 19 | FO 209 | FO | | 43 | | | | | | | |
| 20 | FO 210 | FO | | 55 | | | | | | | |
| 21 | FW 11 | FW | 205 | | | | | | | | |
| 22 | FW 12 | FW | 185 | | | | | | | | |
| 23 | FW 711 | FW | 244 | | | | | | | | |
| 24 | FW 712 | FW | 244 | | | | | | | | |
| 25 | FW 913 | FW | 101 | | | | | | | | |
| 26 | LIQ 311 | MUD/BRINE | | | 107 | | 107 | | 107 | | |
| 27 | LIQ 312 | MUD BRINE | | | 107 | | 107 | | 107 | | |
| 28 | LIQ 313 | MUD BRINE | | | 107 | | 107 | | 107 | | |
| 29 | LIQ 314 | MUD BRINE | | | 107 | | 107 | | 107 | | |
| 30 | LIQ 411 | MUD/BRINE | | | 107 | | 107 | | 107 | | |
| 31 | LIQ 412 | MUD/BRINE | | | 107 | | 107 | | 107 | | |
| 32 | LIQ 511 | MUD BRINE | | | 107 | | 107 | | 107 | | |
| 33 | LIQ 512 | MUD/BRINE | | | 107 | | 107 | | 107 | | |
| 34 | LIQ 611 | MUD/BRINE/BO | | | 107 | | 107 | | 107 | | |
| 35 | LIQ 612 | MUD/BRINE/BO | | | 107 | | 107 | | 107 | | |
| 36 | WB 01 | WB / DW | | | | | 108 | | | | 108 |
| 37 | WB 701 | WB / DW | | | | | 95 | | | | 95 |
| 38 | WB 702 | WB / DW | | | | | 91 | | | | 91 |
| 39 | WB 703 | WB / DW | | | | | 38 | | | | 38 |
| 40 | WB 713 | WB / DW | | | | | 216 | | | | 216 |
| 41 | WB 811 | WB / DW | | | | | 32 | | | | 32 |
| 42 | WB 812 | WB / DW | | | | | 32 | | | | 32 |
| 43 | WB 813 | WB / DW | | | | | 84 | | | | 84 |
| | TOTAL VOLUME | | 979 | 1094 | 1070 | 695 | 1070 | 340 | 1070 | 695 | |