|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Date: | |  | | | | | | Port: | |  | | | | | |
| Arrival: | |  | | | | | | Departure: | |  | | | | | |
| **Ship’s Particulars** | | | | | | | | | | | | | | | |
| **Vessel:** | | **SILVER MOON** | | | | | **Call Sign:** | | | | **C6DM6** | | | | |
| **Flag:** | | **BAHAMAS** | | | **Port of Registry:** | | **NASSAU** | | | | **IMO No.** | | | **9838618** | |
| **Classification:** | | **RINA** | | | **Class:** | | **✯100 A1.1 TP IAQ-1** | | | | **Stabilizers:** | | | **2 X 5,2 m** | |
| **GT:** | | **40844 T** | | | **NT:** | | **14170 T** | | | | **MMSI:** | | | **311000719** | |
| **Displacement:** | | **23676.2 T** | | | **Deadweight:** | | **2918 T** | | | | **Year Built:** | | | **2020** | |
| **Length Over All:** | | **212.9 m - 698.2 ft** | | | **Breadth:** | | **29.5 m - 96.8 ft** | | | | **Bulbous Bow:** | | | **YES** | |
| **Port Anchor:** | | **11 Shackles** | | | **Starboard Anchor:** | | **12 Shackles** | | | | *1 Shackle = 27,5 m / 15 fathoms* | | | | |
| **No. and Power of Thrusters:** | | BOW Thrusters **: 2x1000 Kw (2x1359 hp.)** | | | | | STERN Thrusters **: 1x1500 Kw (1x2038 hp.)** | | | | | | | | |
| **Steering data:** | | | | | | | | | | | | | | | |
| **Number of Propellers:** | | **2 x 5 Blade** | **Direction of Turn:** | | | **INWARD** | | | **Controllable Pitch:** | | | **FIXED PITCH** | | | |
| **Maximum Speed:** | | **21.5 Knots** | **Min Speed for Steering:** | | | **2.5 Knots** | | | **Rudder type and size:** | | | **FULL SPADE RUDDER** | | | |
| **Rudder configuration and control:** | | | **TWIN RUDDER SYNCHRONISED OR SPLIT** | | | |
| **Max Rudder Angle:** | | **44 deg** | **Rudder Hard over to hard over time:** | | | **13.3”** | | | **Rudder angle for neutral effect and angles of operation:** | | |  | | | |
| **Stopping data:** | | | | | | | | | | | | | | | |
| **Stopping Distance:** | **1515 m**  **4970 ft** | | | | | | | | **Stopping time:** | | | | **4’ 38”** | |
| **Turning Circle (ahead and abeam)** | |  | | | | | | | | | | | | | |
| **Other:** | | | | | | | | | | | | | | | |
| **Gyro error:** | |  | |  | | | |  | | **Max. permissible bollard pull (for tugs):** | | | | **628 kN**  **70 tons** | |

181.2m 594.5ft

31.6m

103.7ft

54.5m 178.8ft

47.8m

156.8f

| **Engine data:** | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Type of Engine(s):** | | **WARTSILA 9L38C** | | | | **Number of Main Engine(s):** | | | | **4 x D.E 6525 kW** | | **2 x Propulsion Motors** | | |
| **Manoeuvring / Engine Order** | | **RPM:** | | | **Speed:** | **Main Engine Power:** | | | | | | **2 X 8500 kW** | | |
| **Full Ahead:** | | **99** | | | 15.5 | **Astern Power:** | | | | | | **105 RPM** | | |
| **Half Ahead:** | | **75** | | | 12.2 | **Max time astern:** | | | | | |  | | |
| **Slow Ahead:** | | **50** | | | 4.5 | **Min RPM:** | | | | | | **22** | | |
| **Dead Slow Ahead:** | | **33** | | | 1.2 | **Critical RPM range:** | | | | | | **nil** | | |
| **Dead Slow Astern:** | | **-33 Rpm** | | | -1.2 Kts | **Max. No. Of consecutive Starts:** | | | | | | **3 (MAIN D/G, 9 cyl)** | | |
| **Slow Astern:** | | **-57 Rpm** | | | -3.2 Kts | **Any torque limits and ability to override them IF agreed by Master** | | | | | |  | | |
| **Half Astern** | | **-83 Rpm** | | | -6.7 Kts | **Above if applicable agreed with Master?** | | | | | |  | | |
| **Full Astern** | | **-99 Rpm** | | | -8.7 Kts |  | | | | | |  | | |
| **Drafts / Squat / Heel effects:** | | | | | | | | | | | | | |
| **Actual Draught Forward:** | | | |  | | | | **Actual Draught Aft:** | | |  | | |
| **Air Draft:** | | | | **47.8 m at Max Draught (6.7m)** | | | | | | | | | |
| **\*UKC requirements: At Sea (BOSP) = 50% of static draft; restricted waters, port approaches, harbour transit (SBE) = 10% of static draft; alongside = the greater of 0.30m or 1.5% of B** | | | | | | | | | | | | | |
| **Under keel clearance (UKC)\*:** | | | | **Ship’s speed:** | | | | **Max Squat Stern:** | | | **Heel effect:** | | |
| **open/ deep** | **narrow /shallow** | | **angle** | | **draft increase** |
| **4 m** | | | | **2 Knots** | | | | **0.05 m** | **0.10 m** | | **2** | | **0.5** |
| **4 m** | | | | **4 Knots** | | | | **0.19 m** | **0.38 m** | | **4** | | **0.9** |
| **4 m** | | | | **8 Knots** | | | | **0.80 m** | **1.60 m** | | **8** | | **1.9** |
| **8 m** | | | | **12 Knots** | | | | **0.16 m** | **0.69 m** | | **12** | | **2.8** |
| **8 m** | | | | **16 Knots** | | | | **0.32 m** | **1.38 m** | | **16** | | **3.7** |
|  | | | | | | | | | | | | | |
| **Master <-> Pilot Exchange Info:** | | | | | | | | | | | | | |
| **Passage Plan (incl. speed and critical stages:** | | | **YES - INCLUDED** | | | | **Manoeuvring Briefing:** | | | |  | | |
| **Navigational Aids:** | | | **BUOYS** **LEADING LIGHTS** **SHORE MARKS** | | | | **Reporting requirements:** | | | | **AS PER ALRS / PASSAGE PLAN / PILOT ADVICE (POSTED)** | | |
| **Traffic:** | | | **LOW**  **MEDIUM**  **HIGH** | | | | **Tugs (numbers, pushing (area) / pulling, bollards, lines):** | | | |  | | |
| **Standby arrangements** | | | **YES** | | | | **Steering / rates of turn:** | | | | **AS DIRECTED** | | |
| **Mooring / Unmooring:** | | | **PORT/S**  **STBD /S** | | | | **Tide / Current / Weather:** | | | | **ACC TOTAL TIDES & LATEST FORECAST** | | |
| **Gangway:** | **SHIP** | | **DECK 3**  **DECK 5**  **DECK 6**  **PONTON** | | | | **Pilot disembarkation:** | | | | **PORT/S**  **STBD /S** | | |
| **SHORE** | |
| **Machinery or Equipment Operational Defects:** | | | | | | | |  | | | | | |
| **Pilot’s Name:** | | | | | | | | **Master’s Name:** | | | | | |
| **Signature:** | | | | | | | | **Signature:** | | | | | |

The Pilot’s Card is to be delivered to the Pilot upon boarding. Entry is to be made in the Log Book.