**CONSTRUCTION/CLASSIFICATION**

Built by Merwede Shipyards B.V.

Year of construction 2010

Classification: I ° Hull ° Mach. Hopperdredger. Unrestricted Navigation. Dredging within 15 miles from shore or within 20 miles from port; or dredging over 15 miles from shore with a significant wave height restriction to 3.0 m. ° AUT-UMS

**MAIN DATA**

- **Length overall**: 143.53 m
- **Breadth**: 28.00 m
- **Moulded depth**: 13.50 m
- **Max. draught Int. load line**: 8.00 m
- **Max. draught dredging load line**: 10.00 m
- **Carrying capacity (D.W.)**: about 22,000 t
- **Hopper capacity**: 12,000 m³
- **Suction pipe diameter**: 1 x 1,200 mm
- **Max. dredging depth**: approx. 62.00 m
- **Discharge systems**: Dumping through bottom doors (4), shore discharge and rainbow.
- **Sailing speed loaded**: 15.4 kn
- **Total installed power**: 13,870 kW
- **Sand pump output**: Inboard dredge pump: 7,500 kW, Submersible dredge pump: 3,500 kW
- **Jet pump output**: 2 x 1,250 kW
- **Pump ashore output**: 7,500 kW
- **Propulsion power sailing**: 2 x 6,000 kW
- **Bow thruster**: 2 x 700 kW

**EQUIPMENT SHEET**

**GATEWAY**

TRAILING SUCTION HOPPER DREDGER

**FEATURES**

- 2 Separate hoppers with pump room in between.
- Accommodation on fore ship.
- 1 Suction pipe with submersible dredge pump at starboard side.
- 2 Fixed deckcranes.
- Relative small draught.