Equipment

Trailing suction hopper dredger
HAM 318
**Ham 318**

**Name**
HAM 318

**Type**
Trailing suction hopper dredger

**Classification**
Bureau Veritas, I • Hull • Mach • AUT-UMS
* SYS-NEQ-1, hopper dredger, unrestricted
  navigation, dredging within 15 miles from shore
  or within 20 miles from port, dredging over
  15 miles from shore with H.S. ≤ 3.5 m, dredging
  within 8 miles from shore, dredging over 8 miles
  from shore with H.S. ≤ 2.0 m

**Year of construction**
2001

**Year of upgrading**
2008

**Dimensions**
- Length overall: 227.20 m
- Breadth overall: 32.05 m
- Moulded depth: 17.12 m
- Dredging draught: 13.00 m (15 miles) and
  13.55 m (8 miles)

**Hopper capacity**
37,293 m³

**Deadweight**
61,071 tons

**Maximum dredging depth**
70.0 m / 101.0 m

**Suction pipes**
2 x ø 1,200 mm

**Discharge pipe**
ø 1,100 mm

**Speed loaded**
15.5 kn

**Propulsion**
2 x 12,600 kW

**Bow thrusters**
2 x 1,500 kW

**Bow jet**
2,250 kW

**Total power installed**
28,636 kW

**Inboard dredge pumps**
2 x 2,750 kW

**Submerged dredge pumps**
2 x 2,500 kW

**Jet pumps**
2 x 2,150 kW