

REIMERSWAAL DREDGING



Self Unloading Trailing Suction Hopper Dredger

“DC ORISANT”

Ship details

Ships name: DC Orisant
Call sign :
MMSI number:
IMO number:
Phone ship:
V-Sat phone:
E-Mail ship: dcorisant@reimerswaaldredging.com
Owner: Orisant Finance B.V.
Management: Reimerswaal Dredging V.o.F.
Port of registry: Goes
Flag state: The Netherlands
Shipyard: Royal IHC
Date in service: Expected July 2018

Bunker tanks:

Marine gas oil: m³
Lubrication oil: m³
Hydraulic oil: m³

Trim tanks:

Trim tank fore peak: m³
Trim tank PS: m³
Trim tank SB: m³
Potable water: m³

Ship particulars

Length over all.: 142,30mtr
Length between pp.: 139,50mtr
Breadth moulded: 23mtr
Depth moulded: 10,20mtr
Summer draft: 7,30mtr
Dredging draft: 7,80mtr
Air draft: 35mtr
Deadweight: 11990 ton
Gross tonnage:
Hopper capacity: 5450m³

Ship performances

Max dredging depth: 35mtr
Dredge pipe diameter: 1100mm
Bow connection diameter: 1000mm
Service speed: approx. 16knt.
Dry discharge system: Bucket wheel
Dry discharge capacity: 2500m³/hr.
Conveyor belt length: 60mtr
Conveyor belt angle: 300°

Ship equipment

Propulsion: 4x e-motor -> 1800kW
Inboard dredge pump: 2x e-motor -> 2250kW
Jetwater: 2x e-motor -> 800kW
Flush pump: 1x e-motor -> 700kW
Bow thruster: 2x e-motor -> 700kW
Stern thruster: 1x e-motor -> 700kW
Auxiliary generator: 2x Mitsubishi -> 3600kW
Auxiliary generator: 1x Mitsubishi -> 1800kW
Auxiliary generator: 1x Mitsubishi -> 1350kW
Auxiliary generator: 1x Mitsubishi -> 375kW
Emergency generator: 1x Mitsubishi -> 150kW