

DATASHEET DC ORISANT



'SELF UNLOADING TRAILING SUCTION HOPPER DREDGER'

SHIP DETAILS

Ships name:	DC Orisant
Call sign:	PCFD
MMSI number:	244180240
IMO number:	9822475
Phone ship:	+31 (0) 6 22 17 03 14
Sat phone:	0031 10 808 04 33
E-Mail ship:	dcorisant@reimerswaaldredging.com
Owner:	Orisant Finance B.V.
Management:	Reimerswaal Dredging
Port of registry:	Goes
Flag state:	The Netherlands
Shipyard:	Royal IHC
Date in service:	December 2018

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:	12490 ton
Gross tonnage:	8865
Hopper capacity:	5775m ³

SHIP PERFORMANCES

Max dredging depth:	35mtr
Dredge pipe diameter:	1100mm
Bow connection diameter:	1000mm
Service speed:	approx. 15knt.
Dry discharge system:	Bucket wheel
Dry discharge capacity:	2500m ³ /hr.
Conveyor belt length:	63mtr
Conveyor belt angle:	300°
Spudpole length:	21mtr under keel
Dynamic Positioning:	DP 2

SHIP EQUIPMENT

Propulsion:	4x e-motor -> 7200kW total
Inboard dredge pump:	2x e-motor -> 4500kW total
Jetwater:	2x e-motor -> 800kW each
Flush pump:	1x e-motor -> 700kW
Bow thruster:	2x e-motor -> 700kW each
Stern thruster:	1x e-motor -> 700kW
Auxiliary generator:	5x Mitsubishi -> 1500kW
Auxiliary generator:	1x Mitsubishi -> 1350kW
Auxiliary generator:	1x Volvo Penta -> 375kW
Emergency generator:	1x Mitsubishi -> 150kW
Total hydraulic power:	approx. 4000kW

BUNKER TANKS

Marine gas oil:	595m ³
Lubrication oil:	24m ³
Hydraulic oil:	24m ³
Potable water:	75m ³

TRIM TANKS

Trim tank fore peak:	456m ³
Trim tank PS:	256m ³
Trim tank SB:	256m ³

AGGREGATES SINCE 1966

VISIT ADDRESS

Choorhoekseweg 3, 4424 NW Wemeldinge
The Netherlands

INVOICE ADDRESS

Nieuwe diep 1, 4465 AA Goes
The Netherlands

T +31(0) 6-53104015

E info@reimerswaaldredging.com
www.reimerswaaldredging.com