



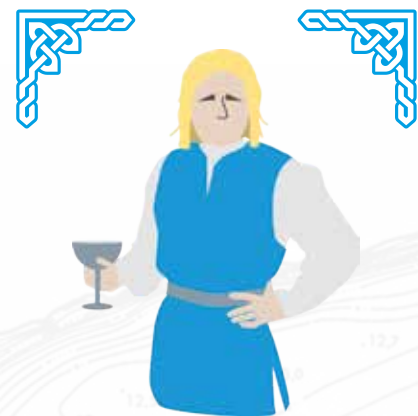
HOPPER DREDGER

Balder R

Balder R is a **split hopper suction dredger**, probably the **biggest and most versatile** of its kind. The hydrodynamic design, along with latest environmental technology, give a fuel reduction of 20% and ensure that the vessel **fulfils and exceeds the latest regulatory and industry standards**. A highly **advanced Dynamic Positioning system** enables extremely precise maneuverability.

The load can be discharged quickly by splitting, which is faster than all other means of discharging. When placing a load of sand for near shore nourishment, this can be done very precisely and with high compaction by **split discharging**, which is a method required more and more. Alternatively, the hopper load can be discharged into a trench through the suction pipe, over the bow as rainbowing approximately 150 m, or through the bow connection to a pipeline of approximately 4 km.

The vessel is **state-of-the-art**, specially designed for operation in **shallow waters as well as offshore**. In order to optimize capital dredging, as well as maintenance dredging, a split hopper dredger with two dredge pipes is often compulsory. The vessel is equipped as two dredgers in one, with **double loading and discharge pumping systems**, which can work in parallel or in series. With onboard crane facilities and fully equipped workshops, standing time is minimised, which is vital when working world wide and in areas, where land support facilities are often not available. With very high efficiency, relatively low energy consumption and a very high number of workable days, the vessel will **outperform the competition**.



Nordic mythology

Balder is the son of Odin and Frigg. He is considered the god of innocence, light, joy, spring and beauty. All beings and things have vowed not to harm him, however Loke still finds a way to have him killed.



SPECIFICATIONS

IMO	9578232
Call sign	OYPF2
MMSI	219298000
Gross Tonnage	5189 GT
LOA	111.30 m
Breadth	19.40 m
Hopper capacity	6000 m ³
Draught loaded	7.00 m
Draught unloaded	3.70 m
Dredging depth	35 m/ 65 m
Main engine	2x 2985 kW
Bow thruster	2x 450 kW
Pump ashore power	2x 2350 kW
Total power installed	11075 kW
Speed empty	15 kn
Speed loaded	14 kn
Flag	Danish
Class	Bureau Veritas

