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 fulfills 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 m³
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