

## Hopper Dredger **Tjalf R**



### Hopper Dredger

# Tjalf R

Tjalf R is a specialised grab dredger optimised for narrow or shallow water dredging in channels, harbours, and near shore.

With its hydraulic Liebherr HS 8130 HD crane, Tjalf R is the perfect vessel for dredging high spots, corners, alongside piers, and around other obstacles in a port.

Tjalf R operates with a multitude of grabs, including grabs for handling of sand, and heavy-duty grabs for handling of harder soils, as well as state-of-the-art environmental grab.

Tjalf R has position-keeping capabilities that allow it to accurately maintain a fixed position during operations. "No anchors, no spuds".

Tjalf R can discharge using its split hull function.

# Specifications

**IMO** ..... 9281889  
**Call sign** ..... PCTO  
**MMSI** ..... 244641000  
**Gross Tonnage** ..... 1,035GT  
**LOA** ..... 57.50m  
**Breadth** ..... 14.80m  
**Hopper capacity** ..... 789m<sup>3</sup>  
**Draught loaded** ..... 3.45m  
**Draught unloaded** ..... 1.80m  
**Dredging depth** ..... Up to 100m  
**Main engine** ..... 2x537kW

**Bow thruster** ..... 178kW  
**Total power installed** ..... 2,523kW  
**Speed** ..... 11kn  
**Flag** ..... Dutch  
**Class** ..... Bureau Veritas  
**Grabs** ..... HD Round Nose weighing 14t-6m<sup>3</sup>, HD Flat Nose weighing 10t-6.5m<sup>3</sup>, Environmental grab weighing 17t-7.5m<sup>3</sup>

## Nordic mythology

**Tjalfe** is the companion and servant of the god, Thor. In the old legends, Tjalfe is described as steadfast, and in the song of 'Hrungnir', Tjalfe superiorly defeats Mokkukalfi, a clay-giant who stood nine feets tall.

