



Hopper Dredger

Tjalfe R

Tjalfe 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, Tjalfe R is the perfect vessel for dredging high spots, corners, alongside piers, and around other obstacles in a port.

Tjalfe 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.

Tjalfe R is capable of precisely maintaining a fixed position by means of Dynamic Positioning (DP1) with high accuracy during operations. "No anchors, no spuds".

Tjalfe R can discharge using its split hull function.

Specifications

IMO9281889
Call signPCTO
MMSI244641000
Gross Tonnage1,035GT
LOA57.50m
Breadth14.80m
Hopper capacity789m³
Draught loaded3.45m
Draught unloaded1.80m
Dredging depthUp to 100m
Main engine2x537kW

Bow thruster178kW
Total power installed2,523kW
Speed11kn
FlagDutch
ClassBureau Veritas
GrabsHD Round Nose weighing
14t-6m³, HD Flat Nose weighing
10t-6.5m³, Environmental grab
weighing 17t-7.5m³

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 Mokkurkalfi, a clay-giant who stood nine feets tall.

