GENERAL
Yard number 563253
Delivery date August 2018
Basic functions Maintenance trailing suction dredging
Classification RMRS KM Ice 1 R1 AUT2 Hopper Dredger
Flag Russia
Owner Rosmorport

DIMENSIONS
Length o.a. 84.80 m
Length b.p.p. 76.10 m
Beam moulded 16.20 m
Depth moulded 5.80 m
Draught (dredging R1) 4.7 m
Deadweight, approx. 3200 t
Hopper volume 2000 m³

TANK CAPACITIES
Ballast water 185 m³
Fuel oil (service) 540 m³
Potable water (service) 60 m³
Sewage 15 m³

PERFORMANCES
Speed (dredging draught) 11.4 kn
Dredging depth 25.0 M

PROPULSION SYSTEM
Main engines 2x CAT 3512C
Propulsion power 2x 1118 kW at 1600 rpm
Propellers 2x 2350 mm, FPP, St/St, in nozzle
Bow thruster 1x channel type, 1200 mm, 339 kW

DREDGE SYSTEM
Trailing suction system 1x 600 mm trailing suction pipe
1x adjustable overflow
1x light mixture overflow
Discharge system 5x rod actuated bottom doors
1x self-emptying system
Supporting systems 1x diesel driven jet water pump
1x indication package
Dredging software 1x partially extended automation
1x dredge tracking

AUXILIARY EQUIPMENT
Networks 400V/230V – 50 Hz
Generator sets 2x CAT C9, each 200 ekW at 1500 rpm
Emergency generator set 1x CAT C4.4, 85.5 ekW at 1500 rpm

DECK LAY-OUT
Anchor mooring winch 2x hydraulic, with two warping heads
Capstans 1x hydraulic, 5 t pull
Deck crane 2x knuckle boom, 7.15 t at 8.44 m

ACCOMMODATION
Crew 13 persons

NAUTICAL AND COMMUNICATION EQUIPMENT
Radar system 2x X-band
GMDSS Area A3
TSHD2000
YN563253 – Beloe more

DAMEN SHIPYARDS GROUP
Avelingen-West 20
4202 MS Gorinchem
The Netherlands

P.O. Box 1
4200 AA Gorinchem
The Netherlands

phone +31 (0)183 63 99 22
fax +31 (0)183 63 21 89
info@damen.com
www.damen.com

© No part of the leaflet may be reproduced in any form, by print, photo print, microfilm, or any other means, without written permission from Damen Shipyards Group