GENERAL
Basic functions: Oil spill response
Classification: Lloyd’s Register

DIMENSIONS
Length o.a.: 67.10 m
Beam midst.: 14.00 m
Depth midst.: 6.00 m
Draught summer (base): 5.00 m
Deadweight (summer): 1600 t
Free deck space: 230 m²

TANK CAPACITIES
Ballast water: 580 m³
Fuel oil (service): 300 m³
Potable water (service): 100 m³
Sewage: 25 m³
Roll reduction: 68 m³
Recovered oil: 1050 m³
Fuel oil cargo: 300 m³
Dispersant tank: 10 m³
Slop tank: 20 m³

PERFORMANCES (APPROX.)
Speed (at 3.5m draught): 13 kn

PROPELLATION SYSTEM
Main engines: Diesel-Electric, 690 V, 60 Hz
Propulsion power: 2x Electric motors of 1500 kW each
Azimuthing thrusters: 2x 2300 mm FP propellers in nozzles
Bow thrusters: 2x 600 kW, 1750 mm, FPP

AUXILIARY EQUIPMENT
Networks: 690 V, 440 V and 230 V – 60 Hz
Main generator sets: 3x 1540 kW at 1800 rpm
Emerg. generator set: 1x 72 kW at 1600 rpm
Shore supply: 1x 200 A

External fire-fighting
Monitors: 4x 1200 m³/hr
Pumps: 1x approx. 3500 m³/hr

OIL SPILL RESPONSE EQUIPMENT
Inflatable containment booms: 2x Self-inflating oil containment boom, stored on hydraulic winches; 1x 400 m, 1x 300 m
Skimmer system: 1x Skimmer head for low-viscous oil
Skimmer capacity: 250 / 350 m³/hr
Transfer system: 2x 200 m³/hr
Dispersant system: 2x Spray booms
Detection system: 1x Oil detection radar
Service craft: 1x 13 persons, speed 12 kn, 4 t bollard pull, 2x 200 kW inboard, water jets

CARGO HANDLING SYSTEM
Fuel oil pumps: 2x 70 m³/hr
Fresh water pumps: 2x 70 m³/hr
Tank cleaning system: 20 m³/hr at 60°C

ACCOMMODATION
Crew: Up to 24 persons in single and double bed cabins

NAUTICAL AND COMMUNICATION EQUIPMENT
Nautical: Radar X-band + S-band, ECDIS, Conning DP – system
GMSS: DP 1 (Optional DP-2) Area A3
DAMEN OSRV 1050

DAMEN SHIPYARDS GORINCHEM

Industrieterrein Avelingen West 20
4202 MS Gorinchem

P.O. Box 1
4200 AA Gorinchem

The Netherlands

phone +31 (0)183 63 99 11
fax +31 (0)183 63 21 89
info@damen.nl
www.damen.nl

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