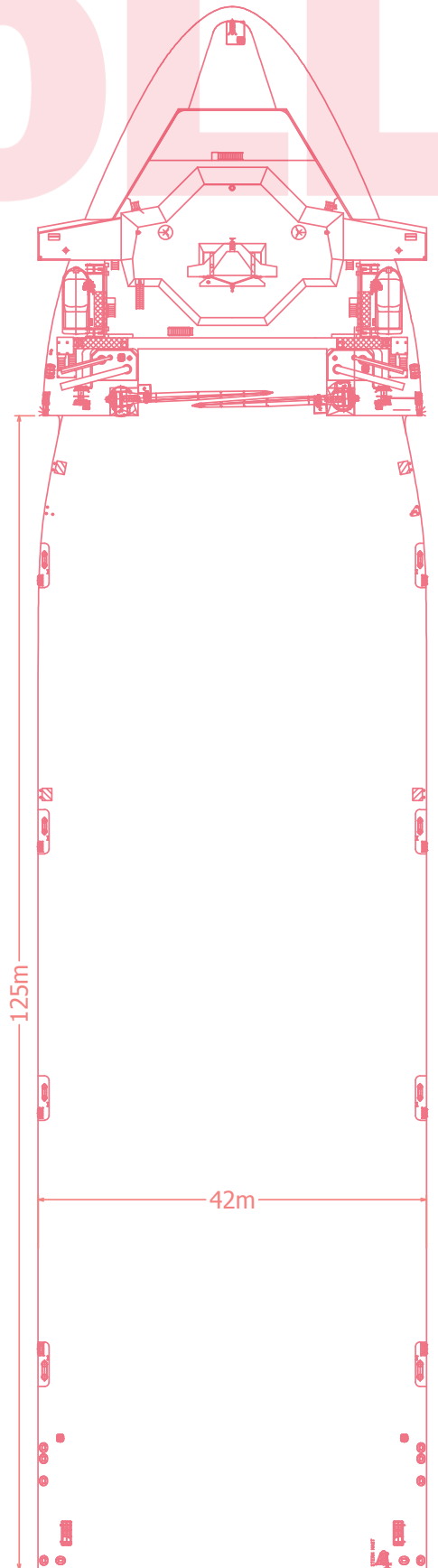
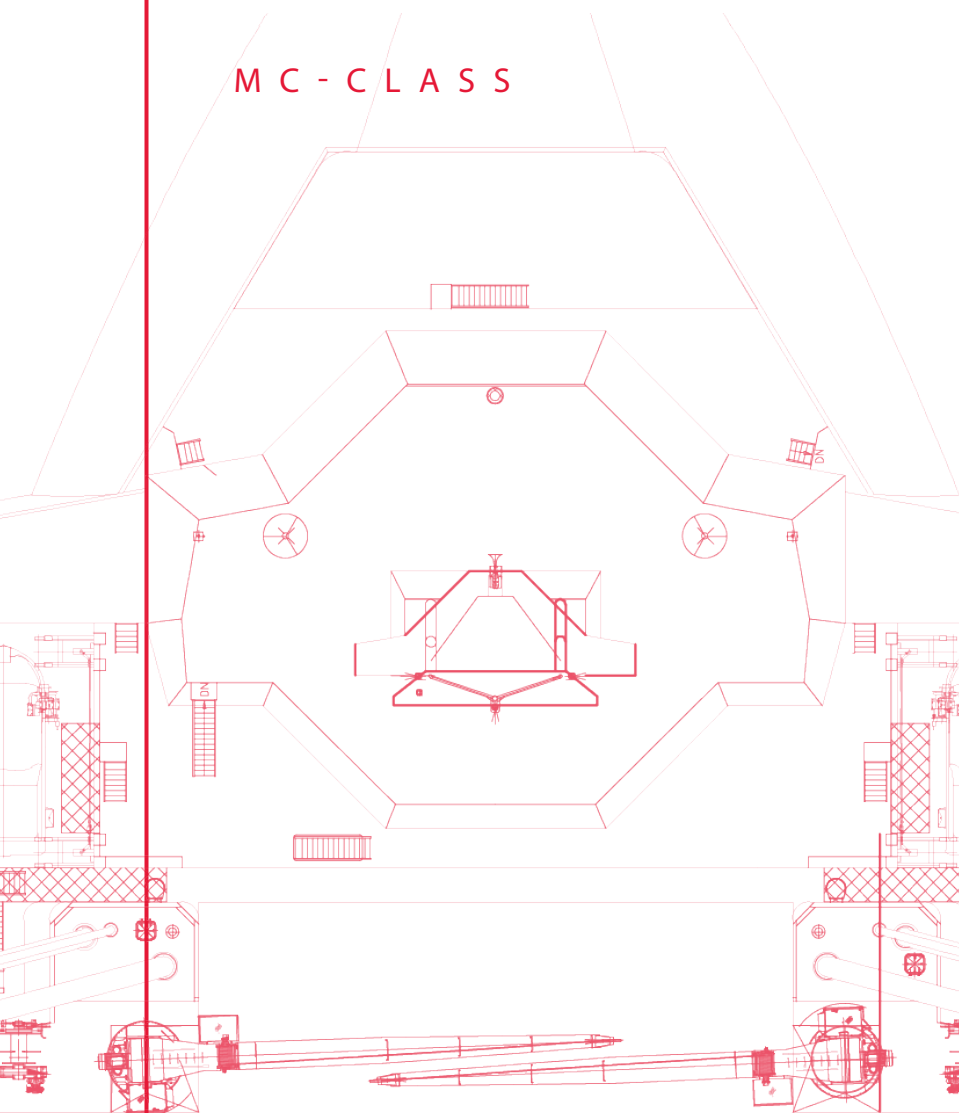


# BIGROLL

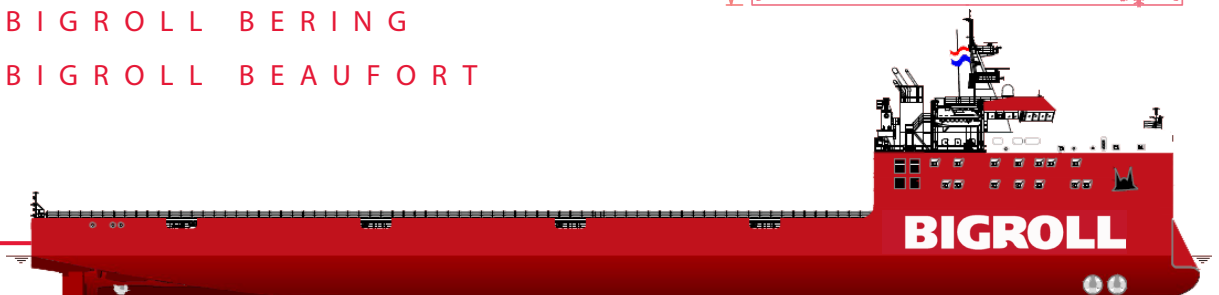
A Roll Group company

## MODULE CARRIER

MC-CLASS



- BIGROLL BERING
- BIGROLL BEAUFORT



### REGISTRATION

BIGROLL Bering	Rotterdam / The Netherlands	year of construction 2016
BIGROLL Beaufort	Rotterdam / The Netherlands	year of construction 2017
Class Society	Lloyd's Register	
Class notation	* 100 A1 strengthened for heavy cargoes, ballastable to a depth of 1.5 m below cargo deck in Harbour only, Shipright ACS(B), LI, Winterization H(-55°C), *IWS, Ice Class 1A FS at a draught of 6.100 m	
	* LMC, PSMR, UMS, CCS, ICC, IP, NAV1, IBS, with the descriptive notes: SHIPRIGHT (SCM)	

### PRINCIPAL PARTICULARS

Length over all	173.00 m	Depth cargo deck	12.00 m
Length b.p.	162.80 m	Deadweight summer	20,675 mton
Breath moulded	42.00 m	Service speed at design draft 13.0	knots
Depth moulded	12.00 m	Maximum speed	15.0 knots
Draft baseline, design	5.50 m	Draft baseline, ice	6.10 m
Draft baseline, summer	6.50 m	GRT	21,966 -
Draft baseline, port	10.50 m	NRT	6,589 -

### DECK

Cargo deck space	125 x 42 m without any obstacles
Cargo deck area	5,250 m <sup>2</sup>
Overall deck load capacity	20 t/m <sup>2</sup>

### POWER GENERATION

Main generator	2 x Wärtsilä 6L32	Rated output 2 x 2,880 kW
	2 x Wärtsilä 8L32	Rated output 2 x 3,840 kW
Aux. generator	Caterpillar C32Acert	Rated output 994 kW
Emerg. generator	Caterpillar C18Acert	Rated output 601 kW

### PROPULSION (DIESEL-ELECTRIC)

Main propellers	2 x Wärtsilä 4E1095	Nozzled CPP with rudder
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### THRUSTERS

Bow thrusters	2 x FT225 M-D	2 x 1,000 kW
Stern thruster	1 x FT175 M-D	1,000 kW

### BALLAST SYSTEM

Ballast capacity	39,780 m <sup>3</sup>
Ballast pump capacity	4 x 3,000 m <sup>3</sup> /h
Ballast/bilge pump	750 m <sup>3</sup>

### ANCHOR AND MOORING EQUIPMENT

Anchor weight / type	2 x 14,100 kg / HHP type D'Hone
Winch Forecastle deck	2 x double drum without warping head / SWL 200kN
Winch Accommodation deck	2 x single drum with warping head / SWL 200 kN
Winch Mooring deck (stern)	2 x double drum with warping head / SWL 200 kN

