Designed to fit

TUG24

Craneship
shipyard

TUG24
Designed to fit

Max output
3518-4145 bhp

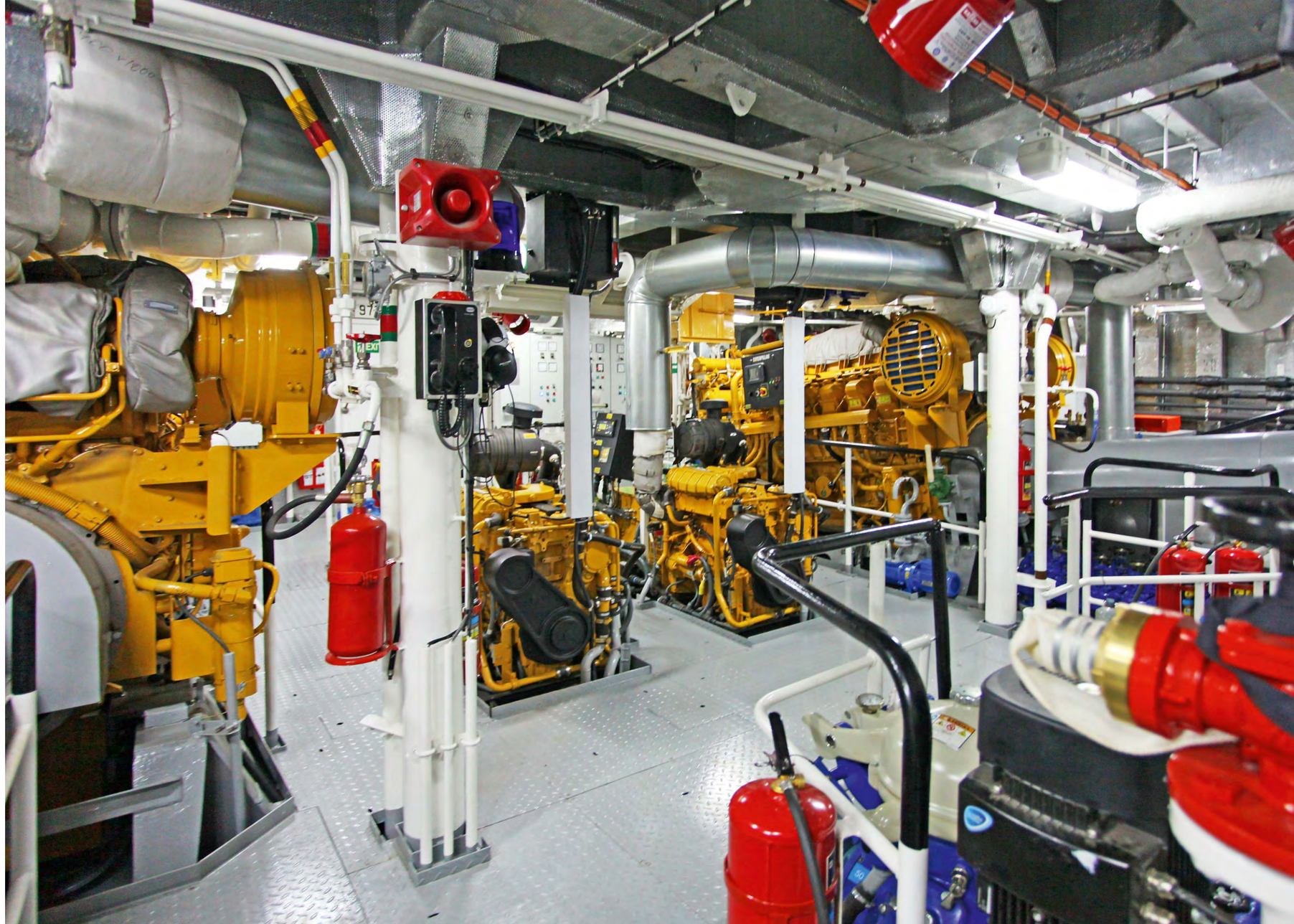
TUG24
Designed to fit

Bollard pull
44-52 tons

TUG24
Designed to fit

Length **24.00 m**
Breadth **10.40 m**
Draft **4.15 m**

Main engine
4145 BHP



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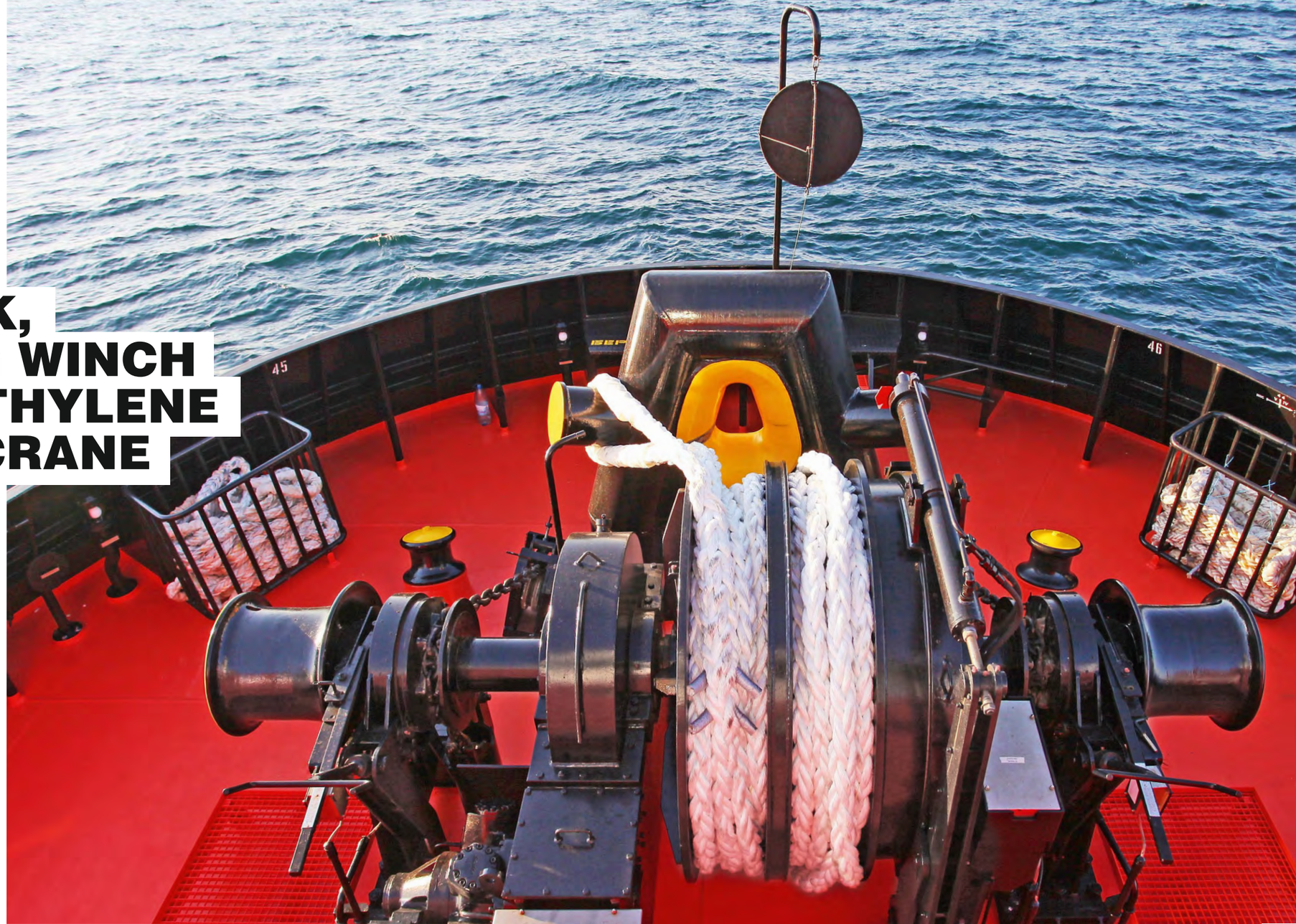
Speed
13.4 kn

Propulsion

2 x AZIMUTH THRUSTER

Performance

TOWING HOOK, FORE TOWING WINCH 150 m POLYETHYLENE ROPE, DECK CRANE



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Radio
Navigation area
A1+A2

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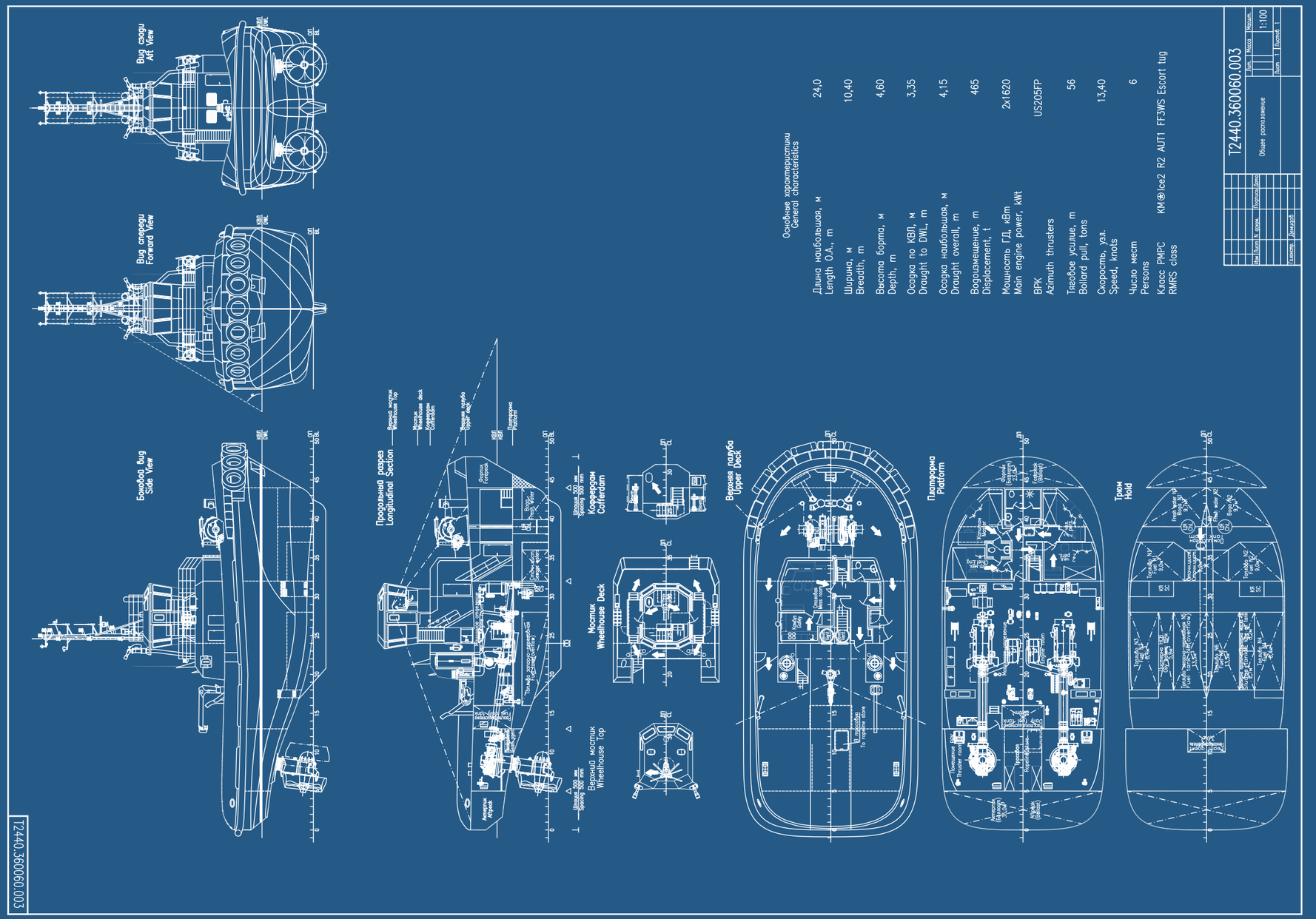
General arrangement plan



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TYPE: Tug

VESSEL CLASS: KM **Arc4 Ice3 Ice2** ⊛ R2 AUT1 FF3WS Escort tug

CLASSIFICATION SOCIETY: RMRS

ICE CLASS	ARC4	ICE3	ICE2
TOTAL OUTPUT, BHP	3518	3826	4145
BOLLARD PULL, T	44	48	52

PARTICULARS

Length overall, m	24,00
Breadth, m	10,40
Depth, m	4,60
Draught, m	3,35
Draft with skeg, m	4,15
GRT, t	220
NRT, t	66
Deadweight, t	83,75
Displacement, t	458

PERFORMANCE

Total output, bhp	3518-4145
Bollard pull, t	44-52
Speed, kn	13,4
Radio Navigation area	A1+A2
Working temperature	from - 25 °C up to +45 °C

TANK CAPACITY

Fuel, t	63,5
Lube oil, t	2,96
Fresh water, t	18,98
Sewage, m^3	9,15

ACCOMMODATIONS

Single cabin	2
Double cabin	2

DECK MACHINERY (EQUIPMENT)

Fore Hydraulic towing winch	WITH 150 m CL EUROFLEX® rope
Anchor	2 x AC-14, 315 kg
Anchor chain	Steel 22 mm, grade 3 137,5 m x 2
Towing hook	SWL 65 t
After capstan	SWL 5 t
Deck crane	2,8 t / 1,8 m 0,36 t / 9,1 m

PROPULSION MACHINERY

Main Engine	2 x Henan Diesel TBD620V12 / 16 - 1524/ 1658 KW at 1800/1500 prm
Propulsion system	2 x AZIMUTH THRUSTER NRP 220 Ø2300 mm
Auxiliary Generator	2 x 70 kW

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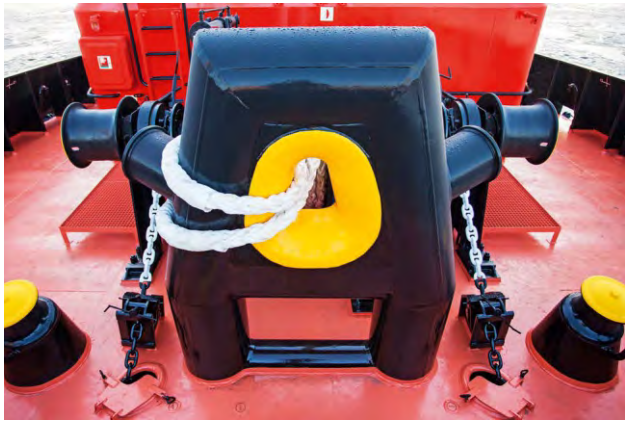
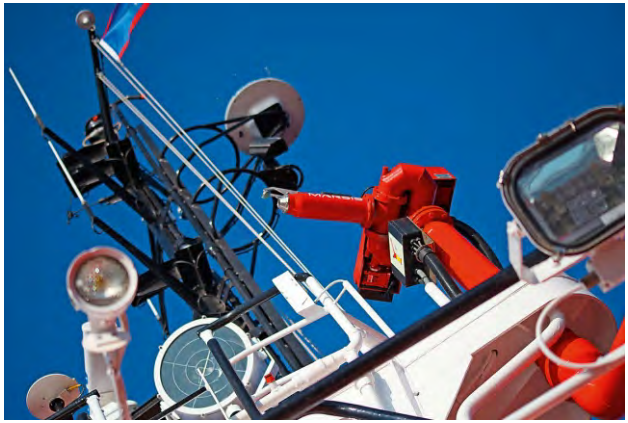
NAVIGATIONAL EQUIPMENT AND CONTROL SYSTEMS

Radio stations	VHF SAILOR RT-6222 DSD CLASS A MF/HF FURUNO FS-1575
INMARSAT C	FURUNO FELCOM-18
EPIRB	MCMURDO E5 SMARTFIND
SART	S4RESCUE MCMURDO
Two-way VHF radiotelephony	SAILOR SP 3520
AIS transponder	SAILOR 6280
NAVTEX	FURUNO NX-700B
GPS	JMC DG-500
Radar	FURUNO FR-8065
Auto Pilot	RAYTHEON NAUTOPILOT NP-60
Echosounder	JMC F-1000
Magnetic Compass	CASSENS&PLATH GMBH REFLECTA1
Satellite Compass	FURUNO SC-50/DOME
Public address system	JOTRON AS SPA-1500
Command Intercom System	PHONTECH AS CIS -3000
Machinery alarm warning system and Tank and structures level control	DZA07, Boning Automationstechnologie





Craneship
shipyard