

Designed to fit
MULTICRANE VESSEL



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Designed to fit

Length **78.4 m**

Breadth **23 m**

Draft **3.5 m**



MULTICRANE VESSEL
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Weather conditions

Working condition **21 m/s**

Navigation condition **63 m/s**



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Optimal
propulsion
system

2 x Rolls-Royce
azimuth thruster
US 105 P6 FP

located one FWD and one AFT



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Operation without
TUG assistance

SPEED 7 kn



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Cranes

2 x LIEBHERR CBG 350

UP TO 90 CYCLES/H

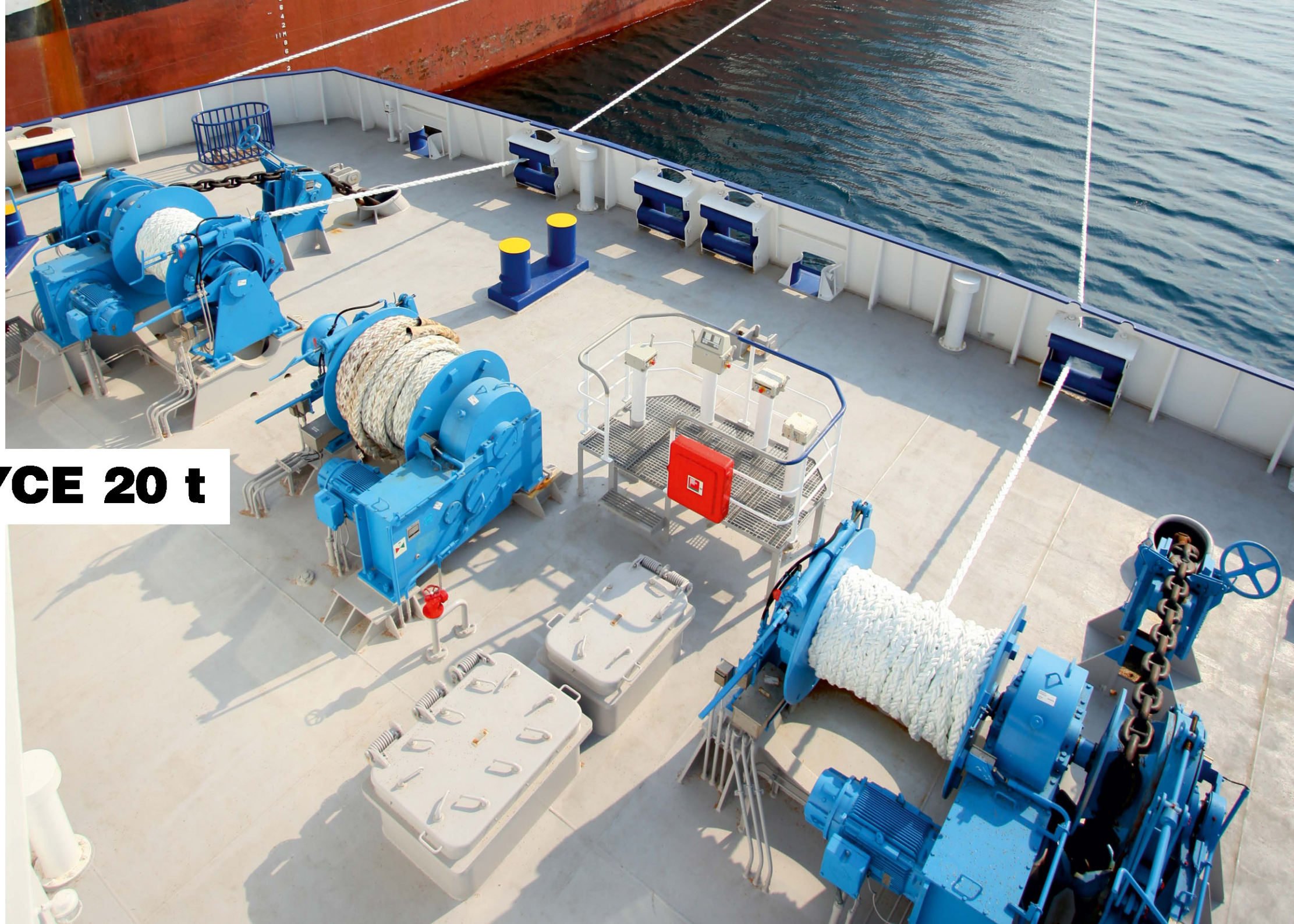
**BEST AVERAGE
TURNOVER OF 48,000 T/DAY
UNLOADING BARGES**



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Automatic
mooring winches

11 x ROLLS-ROYCE 20 t



MULTICRANE VESSEL
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Unmanned
machinery space

AUTOMATION CLASS AUT1



MULTICRANE VESSEL
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Working
temperature

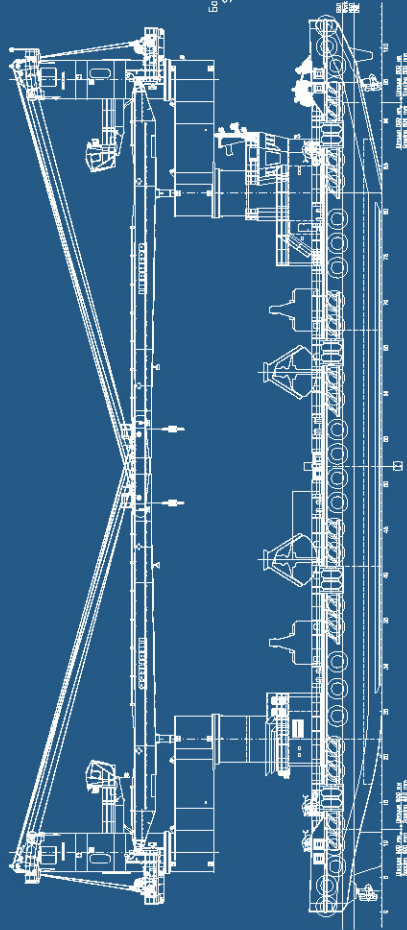
**FROM -25 °C
UP TO +35 °C**



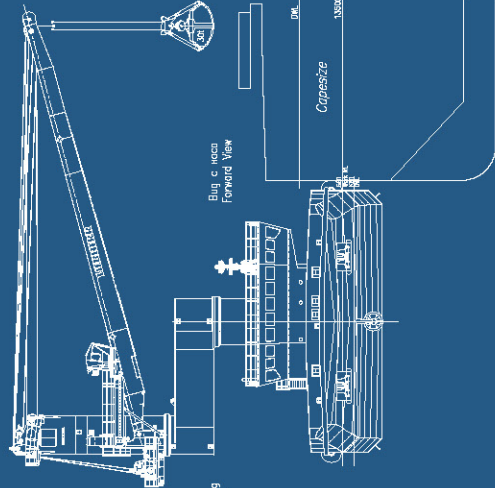
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General arrangement plan

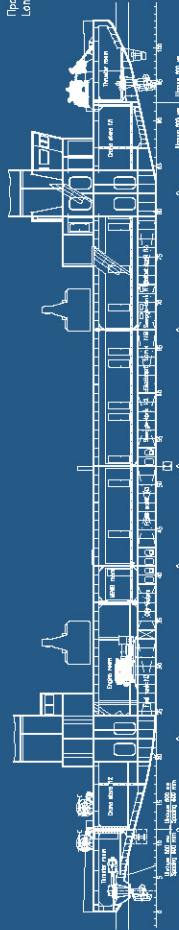
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Борт в рубку
Side View

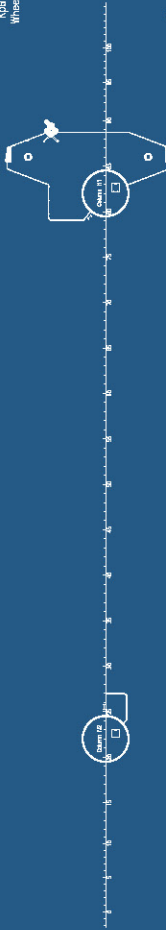


Вид с носа
Forward View

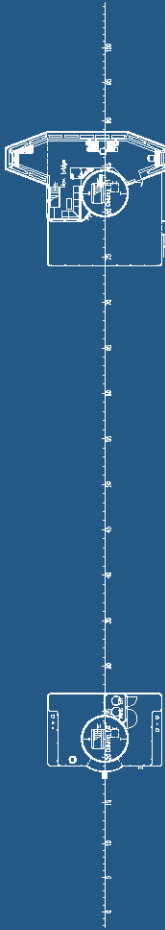


Продольный разрез
Longitudinal Section

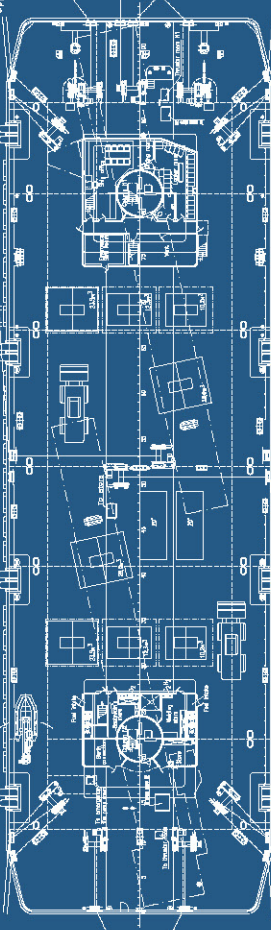
Крыло рубки
Wheelhouse Top



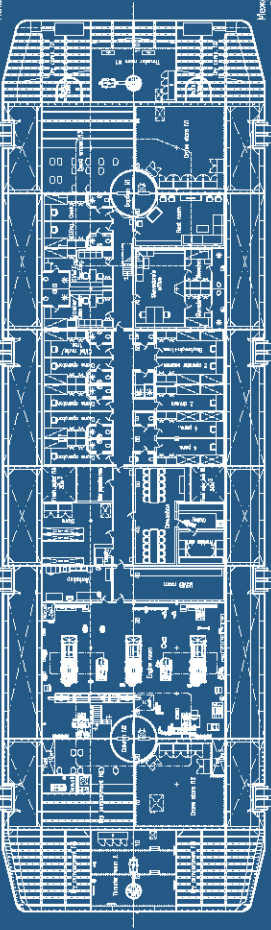
Палуба рубки
Wheelhouse Deck



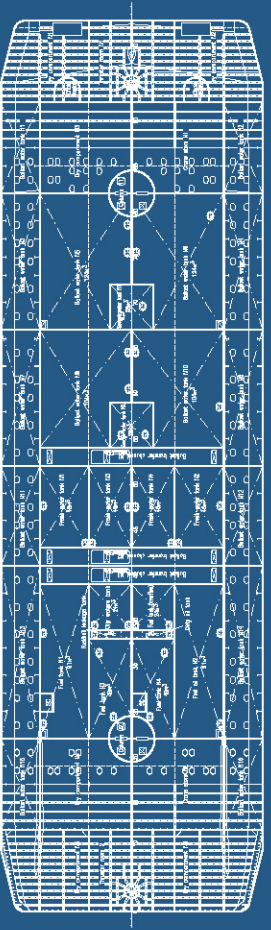
Верхняя палуба
Upper Deck



Палуба
Deck



Двойное дно
Double bottom



Основные характеристики General characteristics

Длина судна, м Length O.A., m	78,40
Ширина, м Breadth, m	23,00
Высота борта, м Depth, m	5,10
Драфта по КЭП, м Draught to DML, m	2,45
Водоизмещение по КЭП, т Displacement to DML, t	3300
Драфта по БПД, м Draught to Work WL, m	3,50
Водоизмещение по БПД, т Displacement to Work WL, t	5100
Колесность Propellers	25
Курс RMR	0-360 град

Курс 0-360 град
RMR 0-360 град

A2.360080.003		Лист Sheet	Колонтитул Title	Масштаб Scale
Общие разрабатывание		Лист Sheet	Разрабатывание Development	1:200

Multicrane Vessel

Designed to fit

TYPE: Crane vessel

VESSEL CLASS: KM  1 R2 AUT1 EPP Crane vessel

CLASSIFICATION SOCIETY: RMRS

PARTICULARS

Length overall, m	78.40
Breadth, m	23.00
Depth, m	5.10
Draught (voyage/work), m	2.45/3.5
Airdraft (voyage/work), m	30.3/29.3
GRT, t	2499
NRT, t	749
Deadweight, t	3040
Displacement (voyage/work), t	3350/5160

PERFORMANCE

Speed, kn	7
Working temperature	from - 25 °C up to +35 °C
Wind speed	21 m/s (working condition) 63 m/s (navigation condition)
Anti-Heeling System	Hoppe Marine

TANK CAPACITY

Fuel, t	275,2
Lube oil, t	4.95
Fresh water, t	220
Sewage, m³	46
Ballast, m³	2495

ACCOMMODATIONS

Single cabin	11
Double cabin	3
Four-berth cabin	2

DECK MACHINERY (EQUIPMENT)

Cargo crane	2 x LIEBHERR CBG 350 SWL 30/35 t at an outreach of 46 m (including 10 m ex-centre arm) In grab operation lifting/lowering: +29.5/-20.6 m (from water line)
Winches	11 x automatic electric 20 t ROLLS-ROYCE
Anchor	2 x 2295 kg, AC-14
Anchor chain	steel 48 mm, grade 3, 2 x 247,5 m

PROPULSION MACHINERY

Propulsion system	2 x ROLLS-ROYCE AZIMUTH THRUSTER US 105 P6 FP
Main engine	3 x CATERPILLAR C32 (940 ekW)
Auxiliary Generator	2 x CATERPILLAR C6.6 (150 ekW)

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NAVIGATIONAL EQUIPMENT AND CONTROL SYSTEMS

Radio stations	VHF SAILOR RT-6222 MF/HF SAILOR 6310
INMARSAT C	FURUNO FELCOM-18 JRC JUE-85LT/SSAS
EPIRB	SAILOR SE-406 II
SART	SAILOR SART II
Two-way VHF radiotelephony	SAILOR SP 3520
AIS transponder	SI-30AR SAMYUNG
NAVTEX	FURUNO NX-700A
GPS	FURUNO GP-150
Radar	FURUNO FAR-2x17BB/DC
Auto Pilot	NAVITRON NT-888G
Echosounder	JMC F-2000
Magnetic Compass	CASSENS&PLATH GMBH Reflecta1
Gyro Compass	YOKOGAWA, CMZ-900B
Public address system	SPA-1500, JOTRONPHONETECH AS CIS
Command Intercom System	3000, JOTRONPHONETECH AS
Machinery alarm warning system and Tank and structures level control	DZA07, Boning Automationstechnologie



