multifunction
port icebreaker



Designed to fit

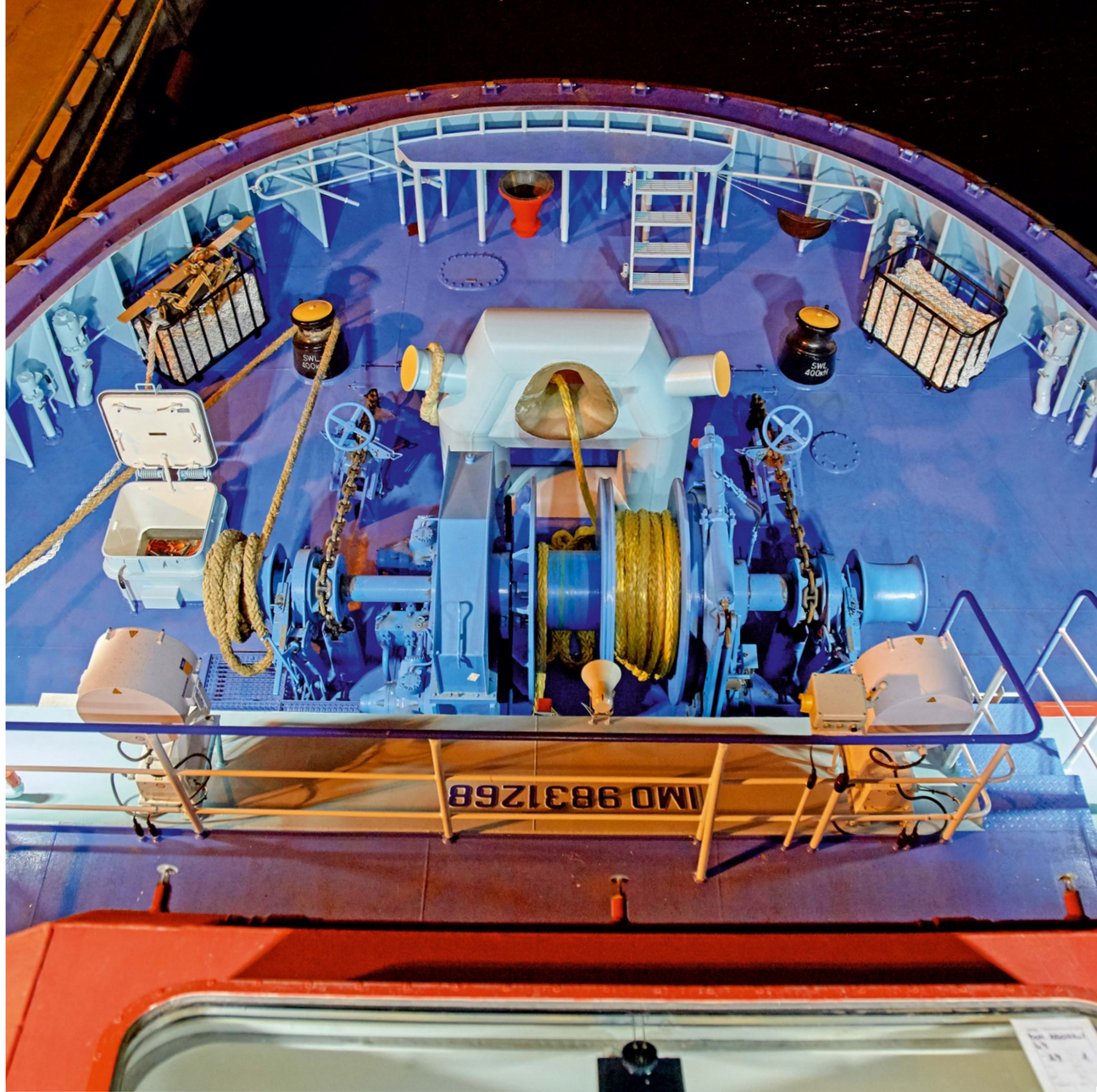
TUG36

Craneship
shipyard

Total output
8700 bhp



Craneship
shipyard



TUG36
Designed to fit

Bollard pull ahead
87.42 t
Escort mode reaction force
207,05 t



Craneship
shipyard

TUG36
Designed to fit

Ice class **Arc6**

Icebreaking **1.5 m**



Craneship
shipyard

TUG36
Designed to fit

Length **36 m**

Breadth **13 m**

Craneship
shipyard



TUG36
Designed to fit

Main engine

2 x CATERPILLAR C280–12

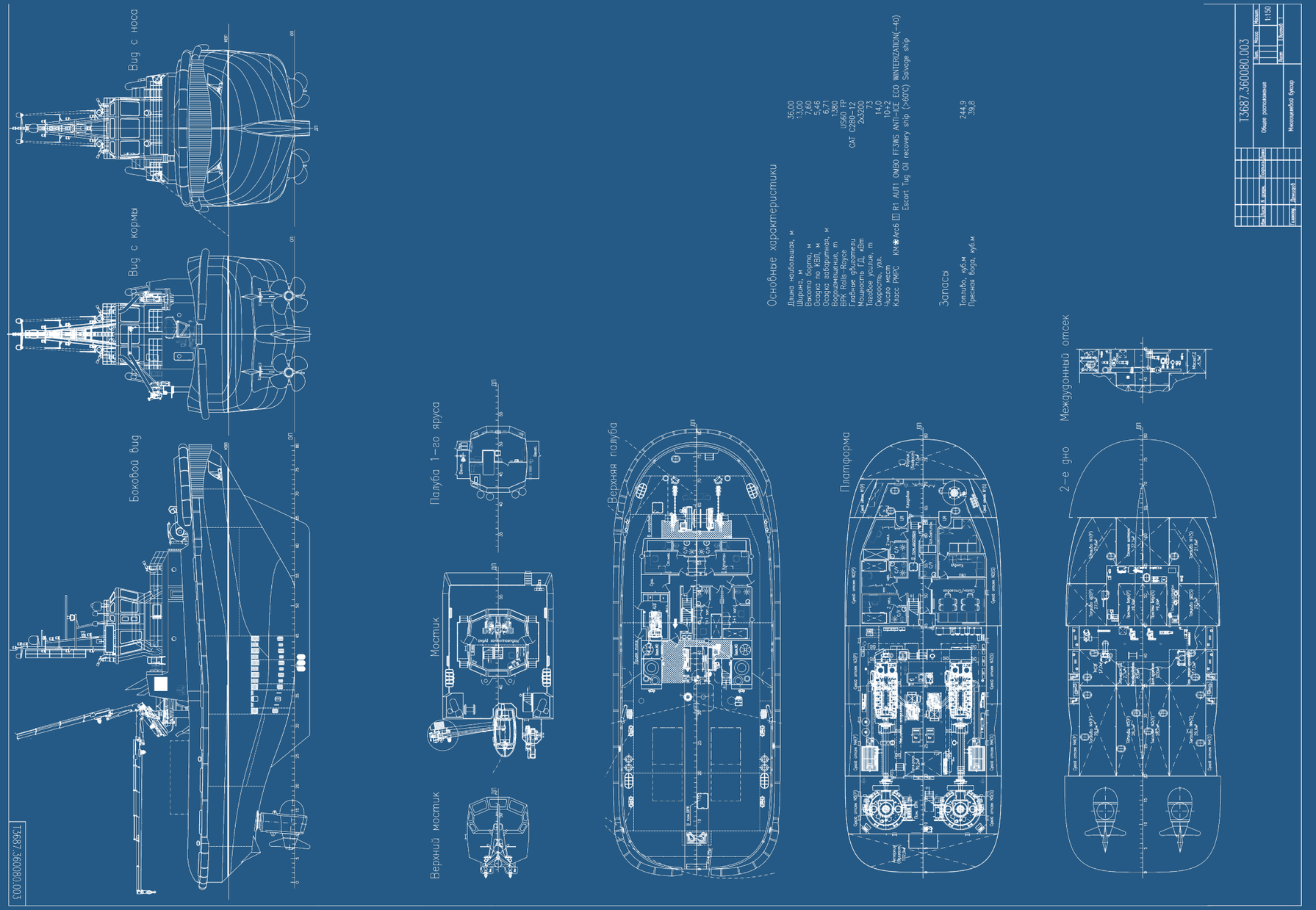


Craneship
shipyard

TUG36
Designed to fit

General arrangement plan

Craneship
shipyard



TUG36
Designed to fit

VESSEL CLASS: KM ⍟ **Arc6** [1] R1 AUT1 OMBO FF3WS ANTI-ICE ECO WINTERIZATION (-40)
Escort tug Oil recovery ship (>60℃) Salvage ship

TYPE:	Escort tug, Salvage ship, Port icebreaker
CLASSIFICATION SOCIETY:	RMRS

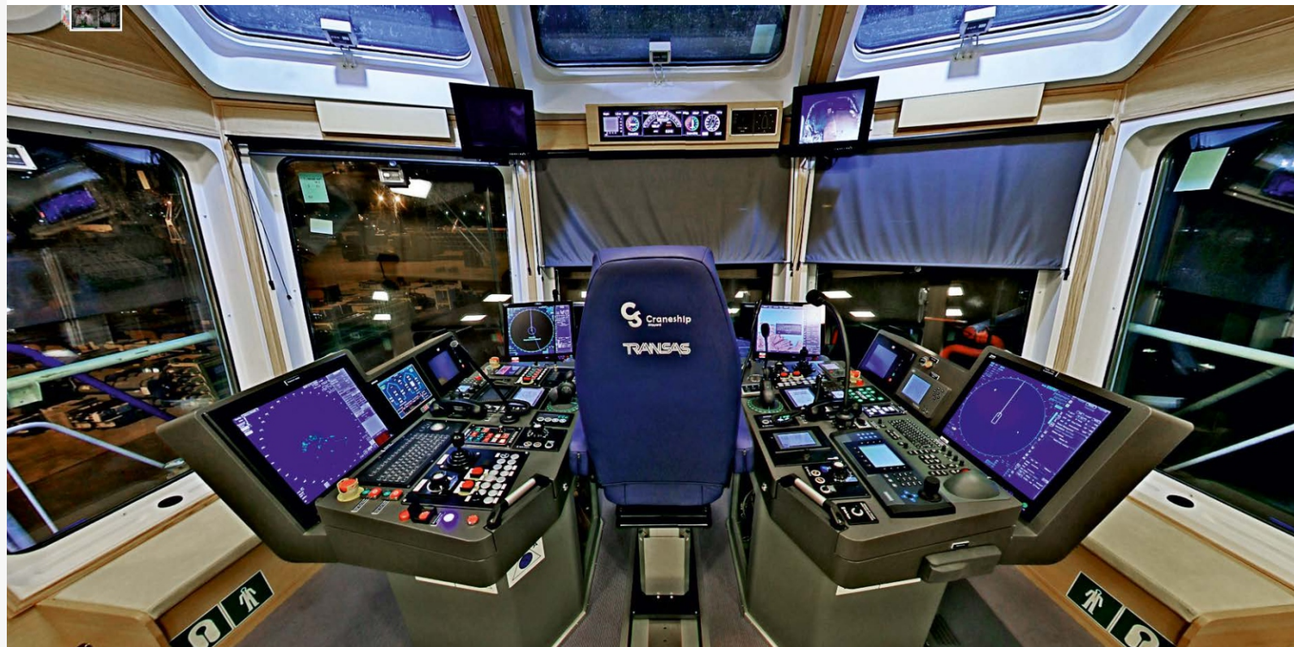
PARTICULARS

Length overall,m	36,00
Breadth, m	13,00
Depth, m	7,80
Draught, m	5,46
Draft with skeg, m	6,71
GRT, t	742
NRT, t	222
Deadweight, t	264
Displacement, t	1383

PERFORMANCE

Total output, bhp	8700
Bollard pull, t	87.42
Speed, kn	13,7
Radio Navigation area	A1+A2+A3+A4
Working temperature	from -40 °C up to +30 °C





ACCOMMODATIONS

Single cabin	4
Double cabin	3

TANK CAPACITY

Fuel, m^3	250
Lube oil, m^3	3,50
Fresh water, m^3	40
Sewage, m^3	37

DECK MACHINERY (EQUIPMENT)

Fore Hydraulic towing winch	**ROLLS-ROYCE ETWH 2700/750/AW32 U3 with 200 m LANKO®FORCE rope Ø 60 mm**
Aft hydraulic towing winch	**ROLLS-ROYCE TWH 2100/400, with 700 m steel rope Ø56 mm**
Anchor	**2 x ПДС 675**
Anchor chain	**2 x Steel Ø32 mm, 3 grade, 192.5**
Towing hook	**Mampaey DCX 70/100**
After capstan	**CE-15KN, 1,5 t**
Deck crane	**PALFINGER MARINE D.O.O. PK23500MD 5 t / 3 m, 0.69 t / 16 m**

PROPULSION MACHINERY

Main Engine	**2 x CATERPILLAR C280-12, 3200 bkW at 900 RPM**
Propulsion system	**2 x ROLLS-ROYCE AZIMUTH THRUSTER US60FP**
Auxiliary Generator	**2 x CATERPILLAR 9.3 ACERT (250 ekW)**
Port Generator	**1 x CATERPILLAR C4.4 (88 ekW)**







NAVIGATIONAL EQUIPMENT AND CONTROL SYSTEMS

Radio stations	SAILOR 6222 VHF RADIO STATIONS
	SAILOR 6310 MF/HF 150W
INMARSAT MINI-C	SAILOR 6110 INMARSAT MINI-C
EPIRB	ASNAP-M
SART	DREIF
Two-way VHF radiotelephony	SAILOR SP3520 VHF GMDSS
	SAILOR SP3530 VHF ATEX
AIS transponder	T105 AIS TRANSPONDER
NAVTEX	NX-700-B
GPS	T-701 GLONASS/GPS
Radar	NAVIRADAR 4000 X-BAND, S-BAND
Auto Pilot	NAUTOPILOT NP 60
Echosounder	SKIPPER GDS101
Magnetic Compass	REFLECTA1
Gyrocompass	NAVIGAT X MK2
Public address system	SPA-1500
Command Intercom System	ETB-10
ECDIS	NS4000
VDR	DM100
BNWAS and Navigational Alarms System	ITDAC
Sound Reception System	VSS-V2
Log	SAL R1a
Weather Station	Periscope
Machinery alarm warning system and Tank and structures level control	BOENING AUTOMATIONSTECHNOLOGIE GMBH
	DZA07















Craneship
shipyard