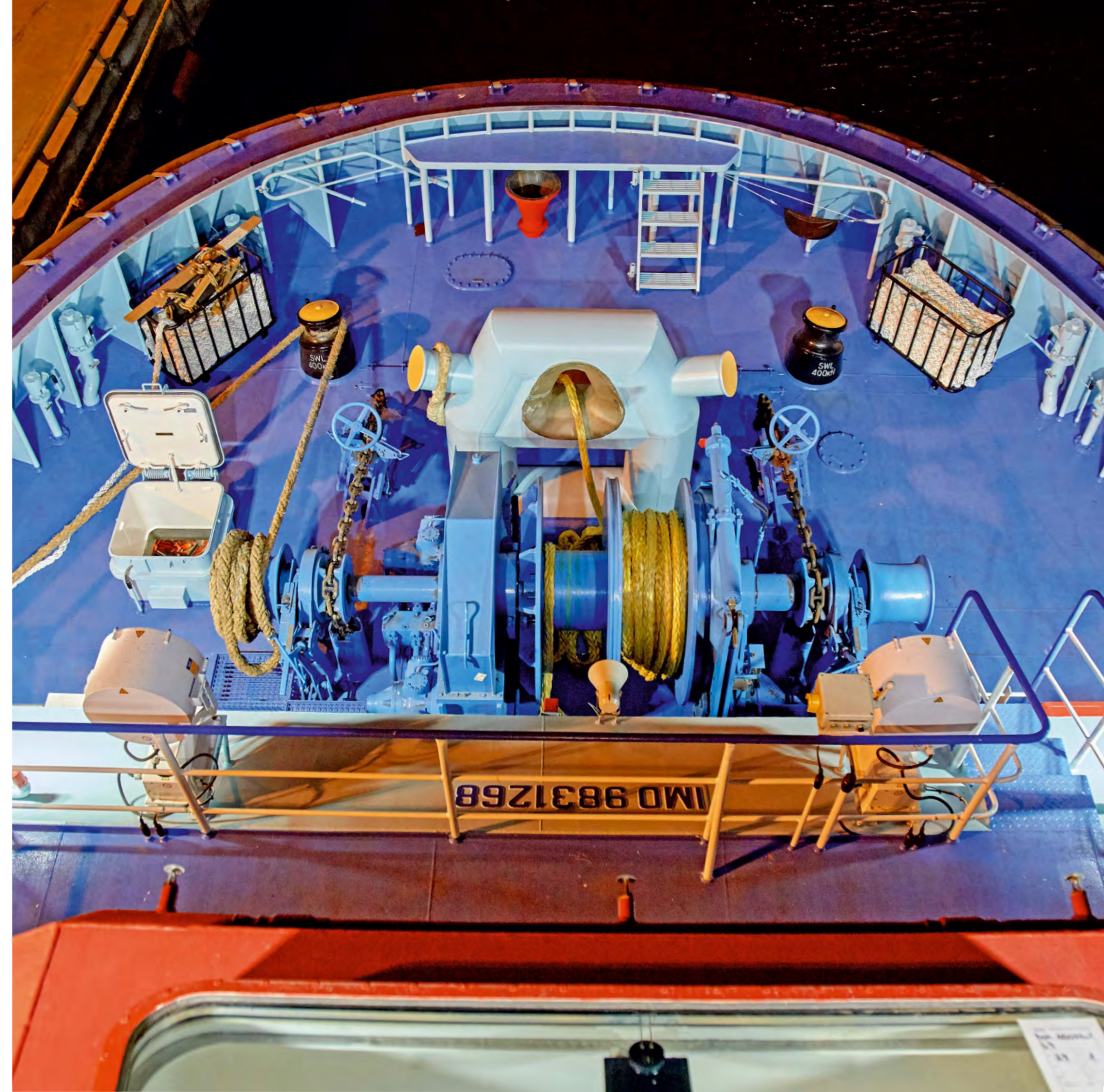


**multifunction
port icebreaker**



Designed to fit
TUG36

Total output
8700 bhp



TUG36
Designed to fit

Bollard pull ahead

87.42 t

Escort mode reaction force

207,05 t



TUG36
Designed to fit

Ice class **Arc6**

Icebreaking **1.5 m**



TUG36
Designed to fit

Length **36 m**

Breadth **13 m**



TUG36
Designed to fit

Main engine
2 x CATERPILLAR C280-12

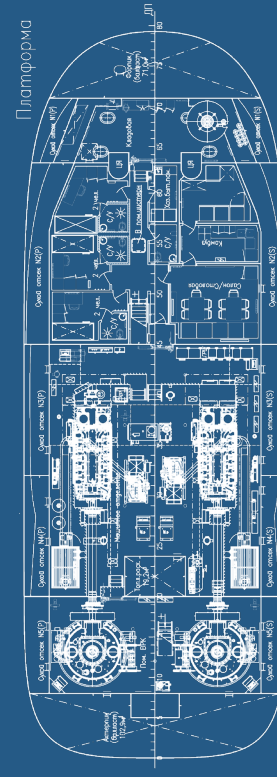
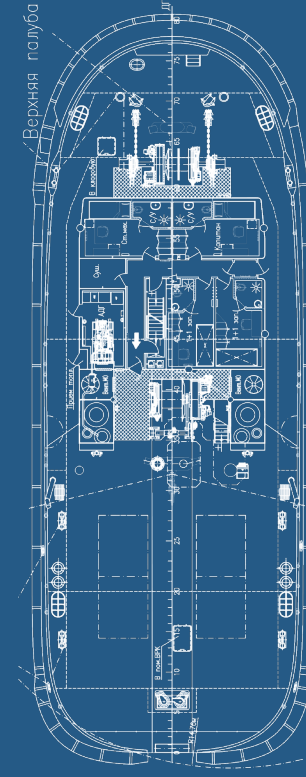
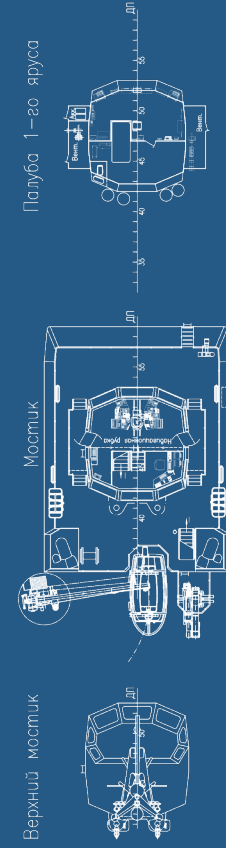
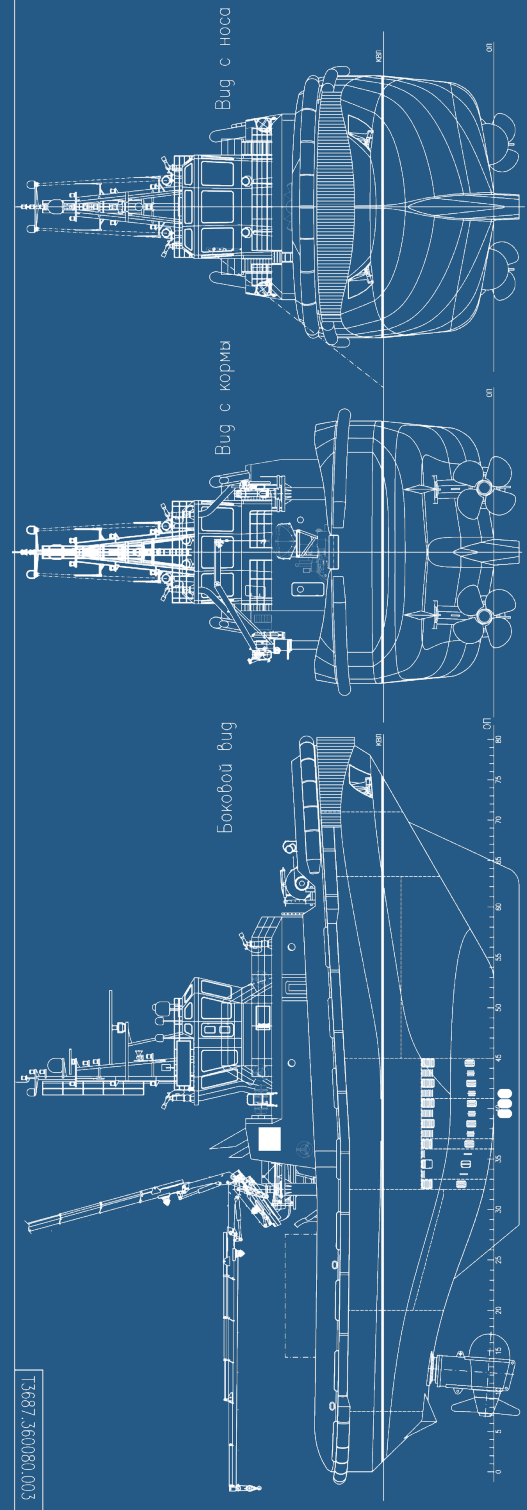




General arrangement plan

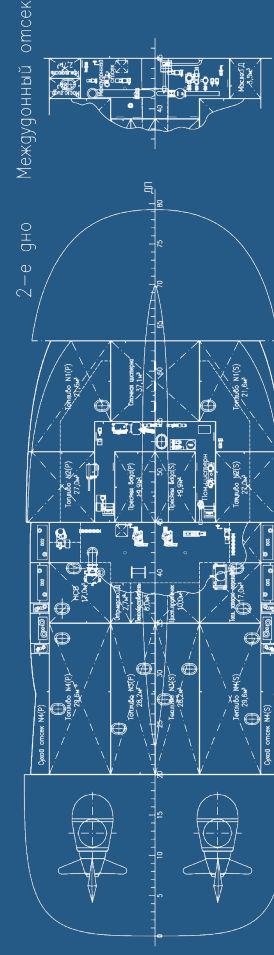
TUG36

Designed to fit



Длина наибольшая, м	36,00
Ширина, м	13,00
Высота борта, м	7,60
Осадка по НВЛ, м	6,46
Средн. осевой, м	13,80
Водоизм. тонн	1380
ВРК Ralis-Russia	USD 6P
Главные двигатели	CAT C30-12
Мощность ГД, кВт	2x3200
Тяговое усилие, т	73
Скорость, узл.	14,0
Число мест	10+2
Класс РМРС	KN✳️Ac6
	□ RI AUR1 0M60 FFWMS ANTI-ICE ECO WINTERIZATION (-40)
	Escort tug Oil recovery ship (>60°C) Savage ship

Топливо, куб.м
Пресная вода, куб.м

[illegible]

TUG36

Designed to fit

VESSEL CLASS: KM ⚓ **Arc6** 1 R1 AUT1 OMBO FF3WS ANTI-ICE ECO WINTERIZATION (-40)
Escort tug Oil recovery ship (>60°C) Salvage ship

TYPE: Escort tug, Salvage ship, Port icebreaker

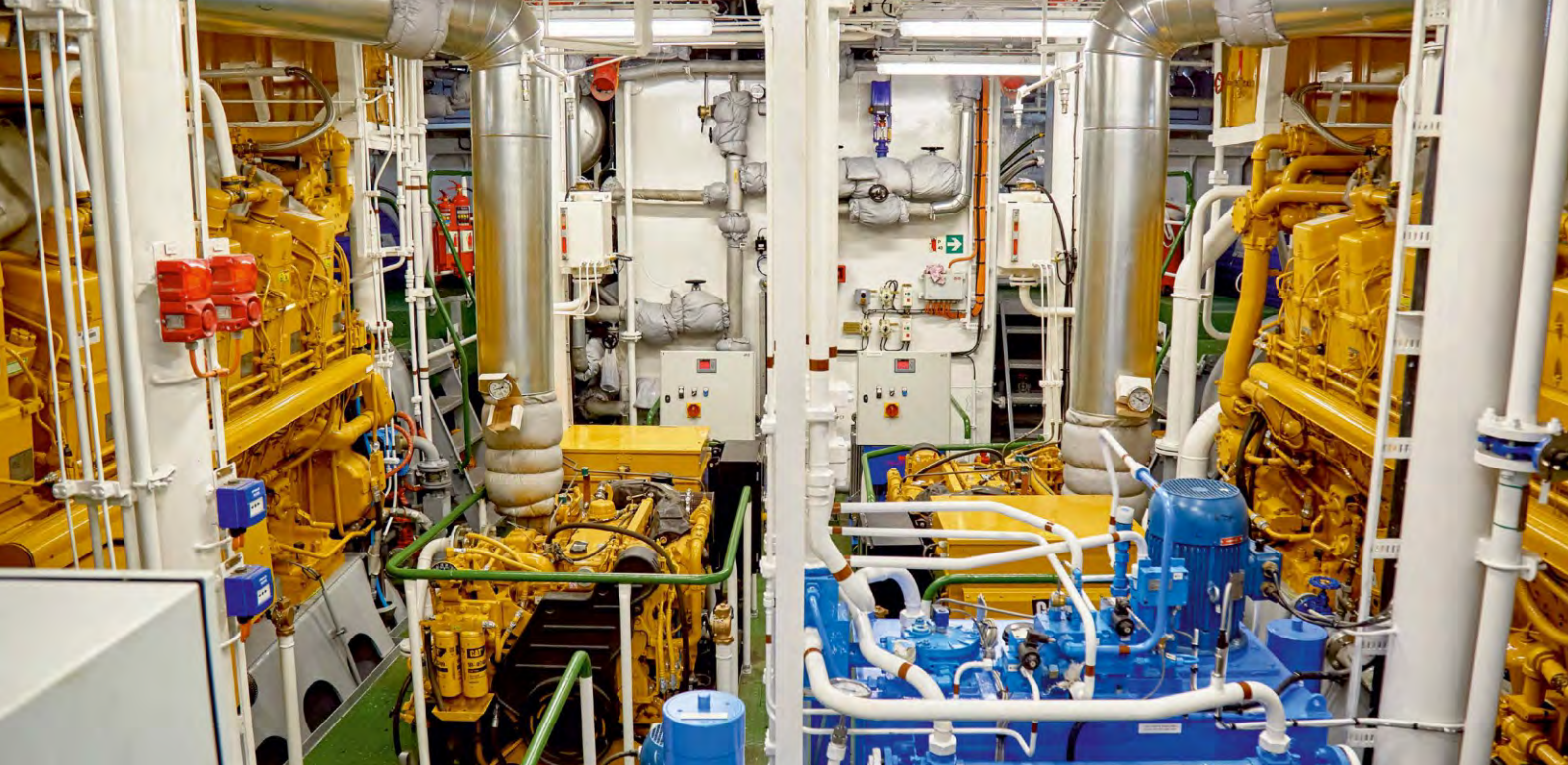
CLASSIFICATION SOCIETY: RMRS

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, m³	250
Lube oil, m³	3,50
Fresh water, m³	40
Sewage, m³	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



