



Dimensions

Length overall.....	44,85 m
Breadth.....	9,30 m
Moulded depth.....	5,12 m
Max draught.....	4,10 m
Gross tonnage.....	448 t
Net tonnage.....	134 t
Deadweight.....	208 t
Water displacement.....	781 t
Max speed.....	10-11 knots

Tank capacity

Fuel type/capacity.....	diesel/90 t
Oil.....	4,2 t
Fresh water.....	14 m ³
Fresh water generator.....	10 m ³ /day
Sewage waters.....	11 m ³
Bilge waters.....	4,5 m ³
Sludge.....	1,7 t

Power unit

Main engines.....	1x800 hp
Type.....	6NVD 48A-2U
One fixed pitch propeller in kort nozzle	
Stern thruster.....	47 kWt
Generator.....	3x165 kWt
Ship's power mains.....	495 kWt/220 V/380 V/50 Hz

Deck equipment

Usable stern deck area.....	180 m ²
Deck loading.....	1,5 t/m ²
Hold.....	170 m ³
A-frame.....	1 pc
Stern SLIP.....	1 pc
Mob boat for 6 persons with 25 hp outboard motor	

Radio navigation equipment

MF/HF DSC.....	2xSamyung SRG-2150DN
VHF DSC.....	2xSamyung STR-6000A
Inmarsat-C.....	1xSailor 3027C
Radar transponder.....	1xSamyung SAR-9
Satellite buoy.....	1 pc
GMDSS area.....	A1+A2+A3+A4
Radar.....	1xMDC-2910P
Echo sounder.....	1 pc
Speed log.....	1xAnthea Blind
NAVTEX.....	1xSamyung SNX-300
Magnetic compass.....	1 pc
Satellite compass.....	1xJRC JLR 21
GPS.....	1xSamyung SGN-500
Satellite.....	Iridium open port

Accommodation

Crew.....	10 persons
Passengers.....	12 persons
Cabins:	
- single.....	2
- double.....	6
- three-berth.....	2
Cook room, mess room, laundry, sanitary facilities, sauna	

Basic information

Flag.....	Russian Federation
Home port.....	Arkhangelsk
Classification.....	RMRS KM(*) L2
Built/modernized.....	1987/2019
Place of building.....	Nikolaev-on-Amur Shipyard
Project.....	STR-420/Nadezhnyy
Call sign.....	UCKF
Nº IMO.....	8727422
Purpose.....	expeditionary works supply



Additional equipment

Mobile laboratory	6x2,4x2,6 m
- heating, ventilation, water supply, tables	
Freezer chest for samples.....	yes
Sewage waters treatment set	ECOMAR 16
Fresh water generator	OSMOMAR 24
- efficiency	10 m ³ /day
Blidge water separator	YWC-0,5

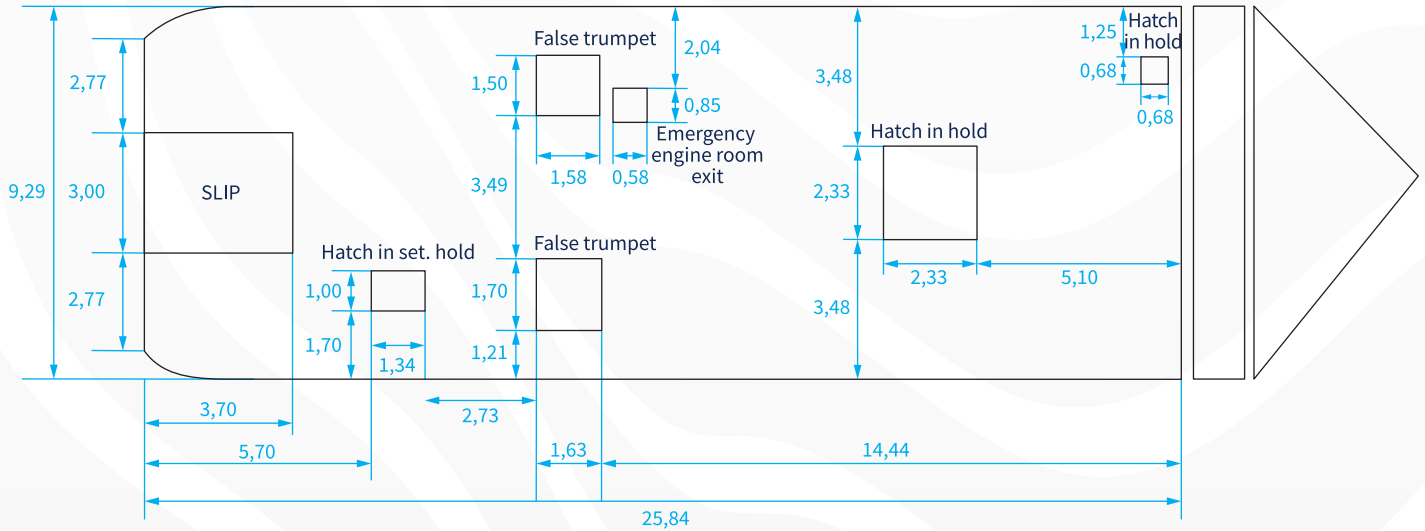
Sea endurance

Fresh water (underway/berthed).....	no limit
Sewage waters (underway/berthed)	no limit
Fuel at max speed	40 days
Provisions	not less than 100 days

Rescue equipment

Float boats	2x20 persons, 2x10 persons
Life vests	24 pcs
Drysuits.....	22 pcs

Deck layout



All figures provided with good faith but without guarantee

Arkhangelsk office
 Pomorskaya st., 32, 3rd floor
 Tel.: +7 (8182) 65-09-00
 Fax: +7 (8182) 65-61-11
 office@belfreight.ru

belfreight.ru

Murmansk office
 Karla Marksa st., 19, office 410
 Tel.: +7 (8152) 45-61-81
 Fax: +7 (8152) 45-97-13
 office@murmansk.belfreight.ru



Belfreight