

**WAGENBORG KAZAKHSTAN****Bautino Office**

Republic of Kazakhstan
Mangistau oblast
Tupkaragan region
130502 Village
Bautino
hotel "Dostyk"
st. Munaishy 1
Tel: +7 32938 24940
Fax: +7 32938 24941
wagkaz.opskz@wagenborg.com

Aktau Office

Republic of Kazakhstan
Mangistau oblast
130000 Aktau
Building 8
Microdistrict 8
Office "Wagenborg", apartment 10/11
Tel: +7 3292 505171
Fax: +7 3292 509122
wagkaz.finkz@wagenborg.com

Atyrau Office

Replc of Kazakhstan
060000 Atyrau
hotel "Green"
st. Abai 23
office 402
Tel: + 7 3122355700/01
wagenborg.atyrau@mail.ru

www.wagenborg.com

Ice Breaking Supply Vessel

The IBSV Antarcticaborg (yard no. 497), was built at Kvaerner Masa-Yards, Helsinki and delivered in 1998. The vessel sails under the Kazakhstan flag in the Caspian Sea.

The vessel is equipped to carry dry cargo, fresh water, fuel oil, liquid mud, cement and barite. Furthermore the vessel is equipped to remove sewage and waste water from the rigs.

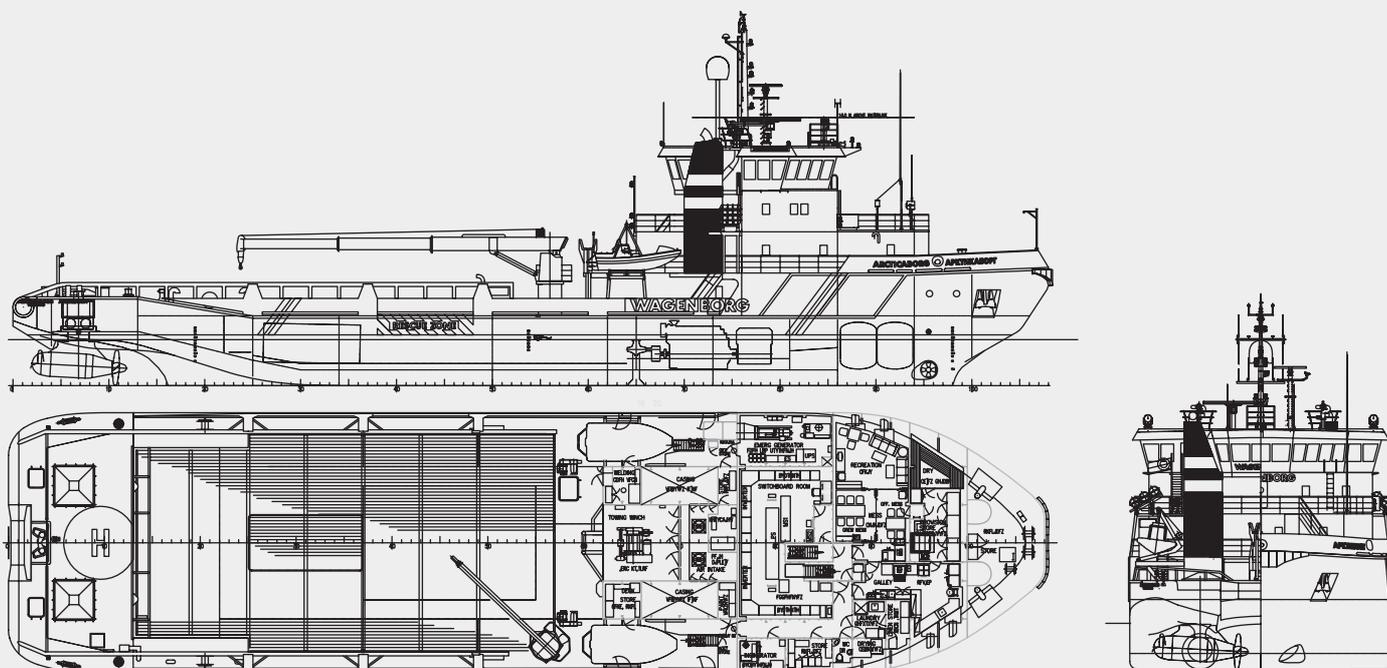
Fire Fighting, rescue and pollution control capabilities are installed and the vessel is fitted with towing and anchor handling equipment.

The vessel is propelled with two Electric Azimuthing Azipod units, making the vessels suitable for ice management and navigation through waters covered with ice up to 90 cm and in shallow waters with a depth of 2.5 - 3.0m.

The Arcticaborg is equipped with the latest technical and nautical technology, applies the zero dumping policy and meets the highest standards with regard to HSES&Q.

The vessel meets the requirements of SOLAS, MARPOL, the Russian Register of Shipping and Bureau Veritas.

IBSV ANTARCTICABORG



Owner

Wagenborg Kazakhstan B.V.
Delfzijl, The Netherlands

Port of registration

Aktay (RoK)

Flag

Republic of Kazakhstan

Yard

KVAERNER MASA-YARDS Inc., Helsinki
Yardno: 497

Classification

Bureau Veritas: (CP) I 3/3 E Supply Vessel
Fire Fighting 1 deep sea, MACH, Aut-MS,
Finnish-Swedish: Ice Class 1 A Super
Re-classed Russian Maritime Register of
Shipping: KM * YJTA 1

Technical data

Lpp	57.68 m
Length over all	65.1 m
Breadth over all	16.6 m
Breadth moulded	16.4 m
Depth moulded	4.4 m
Draught Max (summer)	2.9 m
Gross tonnage	1453
Displacement at max draught	2093 T
Dead-weight	650 T
Service speed	13 knots
Service speed in 60-cm ice	3 knots

Cargo Capacity

Fuel cargo tanks	363 m ³
Liquid Mud tanks	48 m ³
Bulk (cement/barite)	51 m ³
Fresh water	278 m ³
Cargo sewage	67 m ³
Deck cargo space	350 m ²

Accommodation

20 persons, crew 12 persons

Manoeuvring plants

2 x Azipod propulsion 1650 kW
Bow thruster 150 kW

Propelling machinery

Diesel electric
2 x Wärtsilä NSD Diesel Engine
type 6 L 26 – 1950 kW
2 x Azipod propeller

Towing Capacity

Bollard pull 32 T
Towing winch drum 600 m , Ø 40 mm
Maximum pull 200 kN (2 minutes)
Rated pull 100 kN

Nautical Equipment

1 x GMDSS A1, A2, A3
2 x Radar system
1 x COSPAS SARSAT EPIRB
1 x wind speed and direction indicator
system
1 x gyro-compass system
2 x GPS-receivers
2 x SAT-COM C system
2 x SAT-COM B system
1 x echo sounder system
1 x SONAR

Auxiliaries

1 x diesel generator set
Each 169 kVA / 400 V
1 x Emergency diesel generator
163 kVA - 400 V

Royal Wagenborg

Wagenborg Kazakhstan and Wagenborg Foxdrill are daughter enterprises of Wagenborg Offshore, a division of Royal Wagenborg. Royal Wagenborg has expanded from being a ship's charterer into an allround logistic partner. The company's guide is the market which constantly demands more complete logistic solutions. Independently operated subsidiary companies are involved in shipping, stevedoring, offshore, road transport, warehousing, crane rental and heavy lifting, transport, towage and passenger services. Wagenborg strives for the most comprehensive quality control, offering integrated solutions for a most diverse range of transport challenges.

ROYAL WAGENBORG

WAGENBORG OFFSHORE

Marktstraat 10
P.O. Box 14
9930 AA Delfzijl
The Netherlands
Tel. +31 (0)596 63 69 11

www.wagenborg.com