

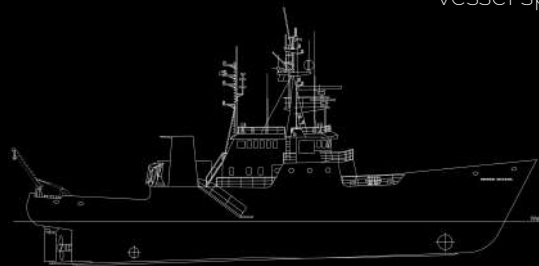
A large red and white icebreaker vessel named 'AMBER AGATHA' is docked on a snowy pier. The vessel has a white superstructure with a bridge and various antennas. The hull is bright red with the name 'AMBER AGATHA' written in white. The pier is covered in snow and ice, and the sky is overcast.

AMBER AGATHA

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Amber Agatha

Amber Agatha



General

Type of vessel	Offshore Survey Vessel
Flag	Republic of Poland
Class	DNV
Call Sign	SNNH
MMSI	261004058
Home port	Gdańsk

Builder & Dimensions

Built	Denmark in 1987
Converted	2023 – A-Frame, DP1
Gross tonnage	657
Net tonnage	19
Dead weight	148 tons
LOA	49,92 m
Breadth	10,00 m
Draft	4,20 m
Service Speed	9,5 knots
Max speed	15 knots

Propulsions

Main Engines	2 x 1.084 BHP, MAN B&W Alpha, 6L23/30 D
Propulsion	1 x CPP
Bow thruster	1 x 165 kW/225 BHP Bow thruster - Brunvoll
Stern thruster	1 x 165 kW/225 BHP Bow thruster - Brunvoll

Navigation equipment

Radar #1	Sam Electronics X-Band with ARPA
Radar #2	Sam Electronics S-Band with ARPA
Chart System	4 x Wartsila ECDIS
ECDIS GPS #1	Simrad MX500
GPS #2	Furuno GP-90
Autopilot	EMRI
Gyro #1	Sperry Marine
Satellite Compass	Furuno SC-50
Log	Sam Electronics
Echo Sounder	Echo Sounder: Furuno FE-700 Navigation Sounder
Integrated Bridge System	Wartsila Nacos Platinum

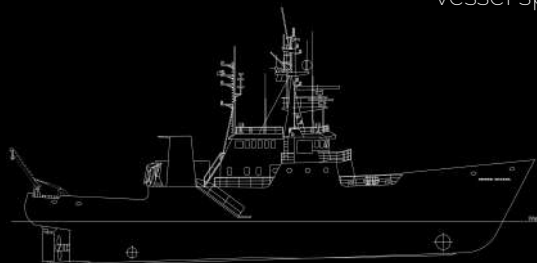
Power supply

Diesel generators	2 x Scania DS14 45 M20T NV, 356 HP 1 x Sisu Diesel 620 DSMG, 110 kW
Shaft generator	1 x 530 KVA - AVK DKBN 100M/950-4TA

Deck equipment

A-FRAME	SWL 5 T. H: 6 m wide 3 m Equipped with folding booms
Deck crane aft STB	1 x telescopic crane HMF M130k2 SWL 1,4 tons
Deck crane midship	1 x boom crane SWL 0,8 tons
Winches	1 x hydraulic tugger winch - 8 tons 2 x Anchor winches - Nørlau 635/22 TR -22mm

Amber Agatha



Communication equipment

VHF DSC Class A	Sailor 6222 VHF DSC Class A
VHF DSC Class A	Sailor 6222 VHF DSC Class A
MF/HF SSB Radio Telephone	MF/HF - Sailor 6301
MF/HF DSC Receiver/Modem	Furuno DSC-6A
EPIRB #1	Sailor SE 406 II
EPIRB #2	AIR VHF - Jotron Air
Radar SART #1	Sailor AIS-SART 5051
Radar SART #2	Sailor AIS-SART 5051
Navtex	Furuno NX-700
AIS Class A #1	Furuno FA-150
AIS Class A #2	Saab R5 Supreme
SSAS/LRIT	Sailor
Portable VHF Radio 1, 2, 3	Sailor SP3520
DGPS	Furuno GP-90

Special systems

Night and thermal vision system	FLIR Voyager II
Voyage Data Recorder	Sam Electronics
Fast Internet Communication	
Winches	Unlimited Internet access based on Starlinks tandem and ACO Wave solution. Average download speed 30-200MB/s

Acommodations

Cabins	8 single / 6 double / WC and shower equipped
Gym	Treadmill, Cross-trainer, Bicycle simulator, Gym equipment
POB	20 incl. Crew