

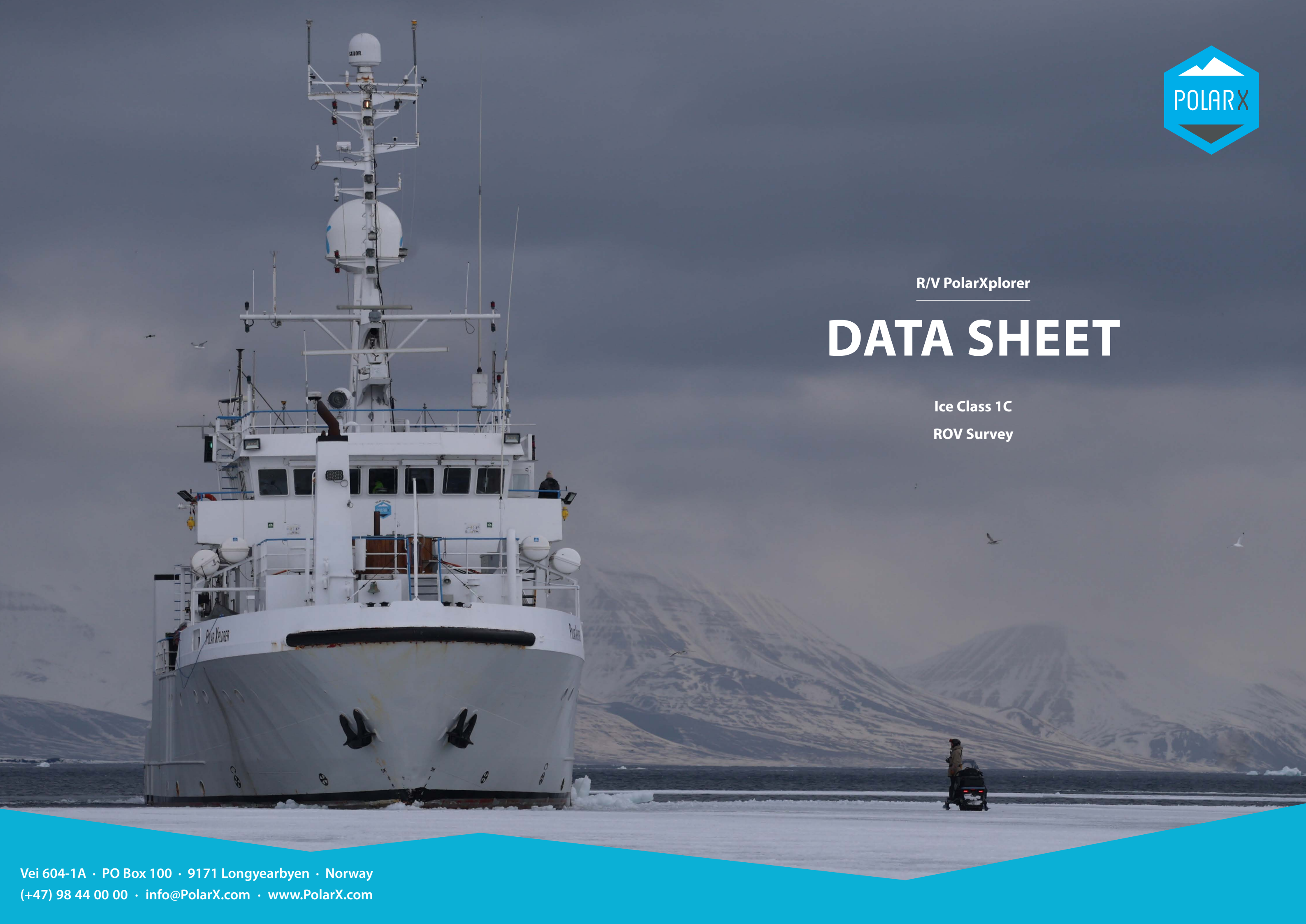


R/V PolarXplorer

DATA SHEET

Ice Class 1C

ROV Survey



Introducing

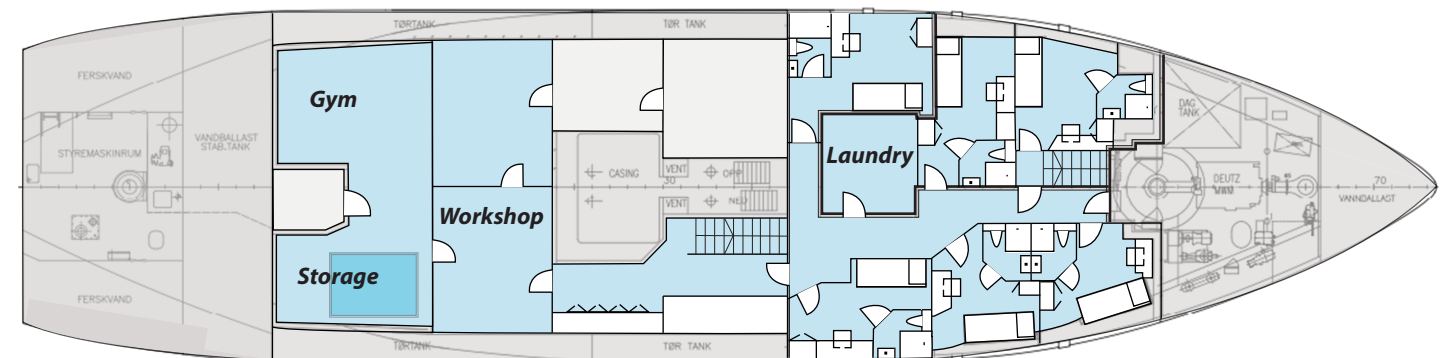
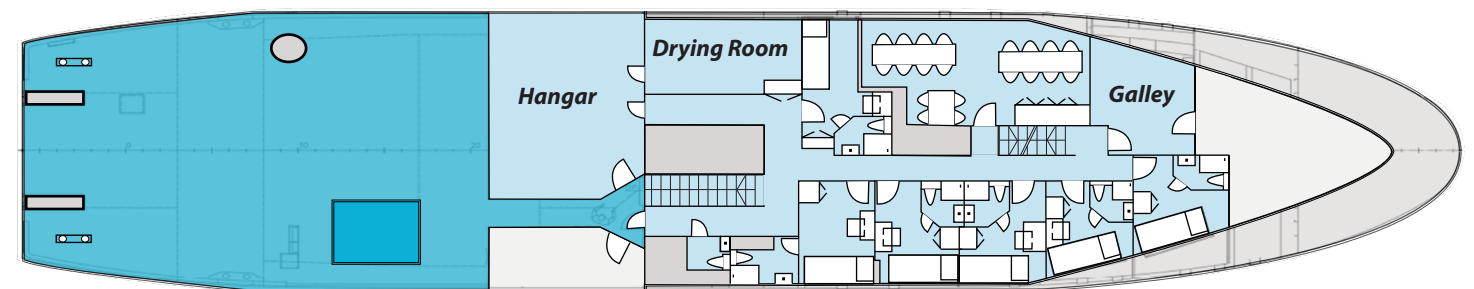
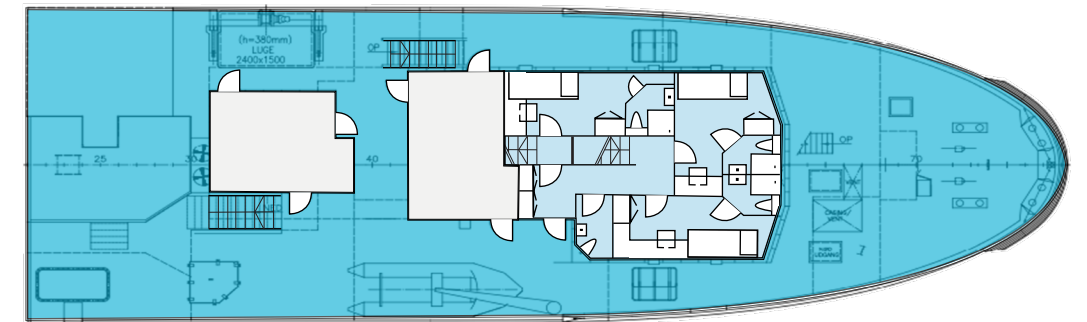
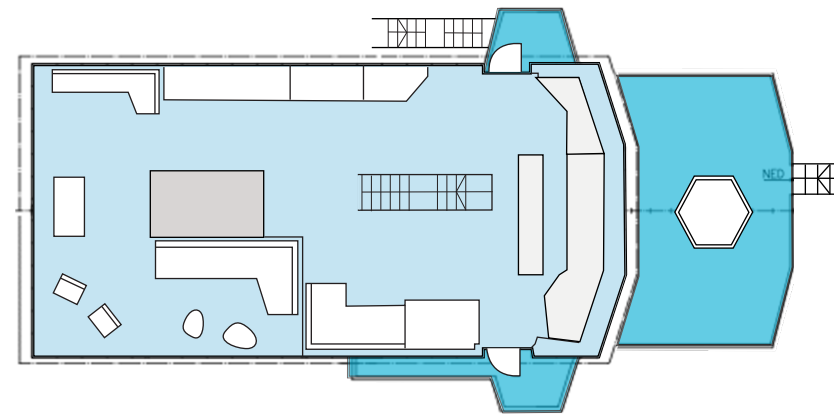
R/V POLARXPLOER

A state-of-the-art vessel, RV PolarXplorer was completely refitted in 2021. With a new interior and completely overhauled systems, she provides maximum safety and comfort. The lower aft deck with its heavy lifting cranes allows for safe launching of tenders even in heavy seas. Additionally, she is outfitted to support subsea ROV's.



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SPECIFICATIONS

PRINCIPAL PARTICULARS

Ships name	PolarXplorer
Built	1981, Norway
	Volden Skipsverft AS – Fosnavåg
Rebuilt	2015, Denmark
Class	RINA
Notation	1C
Flag	Norway
IMO	8019409
Call sign	LAOS8
MMSI	259090000
Length	42.25 m
Breath	10.0 m
Draft	5,0 m
GRT / NRT	578 / 173

ICT EQUIPMENT

Starlink	220 Mbps download
	20 Mbps upload

PROPULSION SYSTEM

Main engine	1 x 746 kW Cat C-32
Main generator	2 x 275 kWe Cat C-18
Emg generator	1 x 130 kWe Cat C-4.4
Thruster engine	Deutz MWM TBD 620-V8
Bow waterjet	400 kW, 360° revolving
Bow thruster	500 kW with grillage protection
Stern thruster	500 kW with grillage protection
Propeller	CPP with flap rudder

ELECTRONICS & CONTROLS

GMDSS	Area 2 Compromising 1 Unit DSC
SSB	ICT EQUIPMENT
Iridium	2 Units
	- LT 3100S GMDSS System (A1, A2, A3)
VHF Sailor	2 Units DSC
VHF portable	3 Units
Navtex receiver	1 Unit
SART	2 Units
EPIRB	2 Units
Radar Transas	3cm. 1 Unit
Radar Sperry	10cm. 1 Unit
Magnetic Compass	1 Unit
Auto Pilot	2 Units
AIS	1 Unit
Speed Log	1 Unit

DECK EQUIPMENT

A-frame	SWL	10t
Width		3,5m
Height		4,12m
A-frame winch	SWL	5t
Deck crane		Palfinger PK45000M
Max outreach	15t	at 4m
Min outreach	3,45t	at 13m
Max hoist height		14,5m
Towing hook	SWL	15t
	Load	30t

STANDARD SURVEY EQUIPMENT

MV Inertial MRU/Gyro/GNSS receiver
Trimble SPS-855 GNSS receiver
(using 06-GPS or Marinestar connections)
Online Qinsy PC

SURVEY EQUIPMENT AT REQUEST

R2 Sonic 2024 Multibeam
Ixblue Octans IV subsea MRU/Gyro in moonpool
Kongsberg C-Node
USBL Beacons (3x)
Valeport MiniSVS sound velocity probe at transducer head
Sidescan Sonar Edgetech 4200 + MacCartney
Cormac winch 3D seismic spread

ACCOMMODATION 12 pax

6x 1 berth cabin ensuite for the charterer
3x 2 berth cabin ensuite for the charterer
All rooms equipped with LAN connections and TV
Fully air conditioned
Messroom / Lounge with entertainment system
Gym
1 x office at bridge level
Wifi throughout the accommodation
Indoor storage room and workshop at 2nd deck

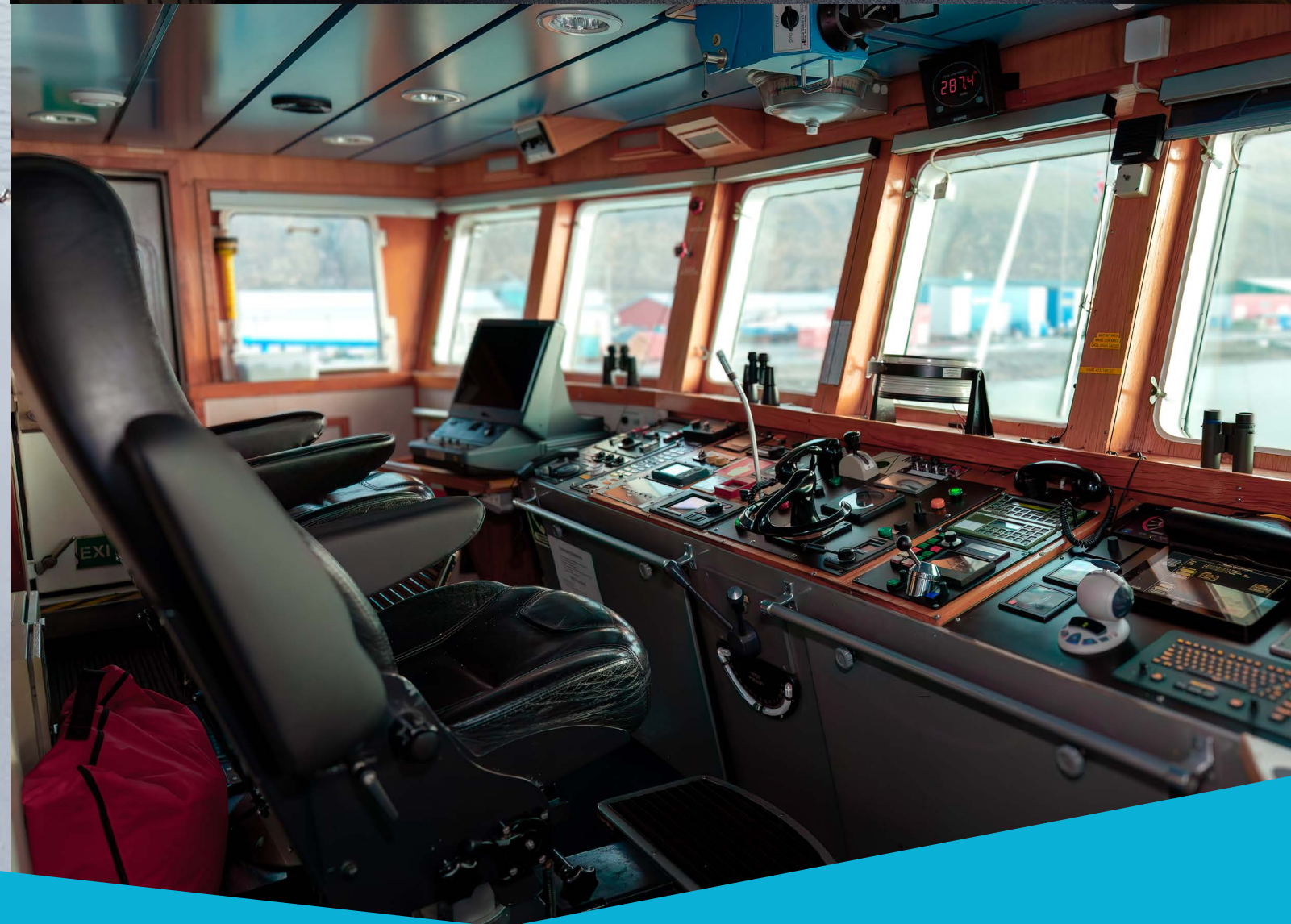
ESTIMATED CONSUMPTION

Service speed 70% load + 1 generator (speed 10kts):
Survey speed + 1 generator (speed 3-5kts):

MISCELLANEOUS

Deck load	2,5t / m²
Deck space	50m² approx.
Electrical deck connections	2x 16Amp
	2x 32Amp
	2x 64Amp
	2x 220V
Hangar	equipped to hoist any type of WROV
Moonpool	integrated cradle and system wiring
Life Rafts SOLAS approved	4x 25pax
MOB boat	1x 6pax semi-rigid inflatable
	c/w outboard motor











Your single contact for everything cold and extreme

POLARX

A logistics, travel and film production services company based in Longyearbyen, the capital of the Svalbard archipelago, we are working across the entire frozen planet, both the Arctic and Antarctic. Established in the early 1990's as Jason Roberts Productions, PolarX continues to be the experts for all things polar.

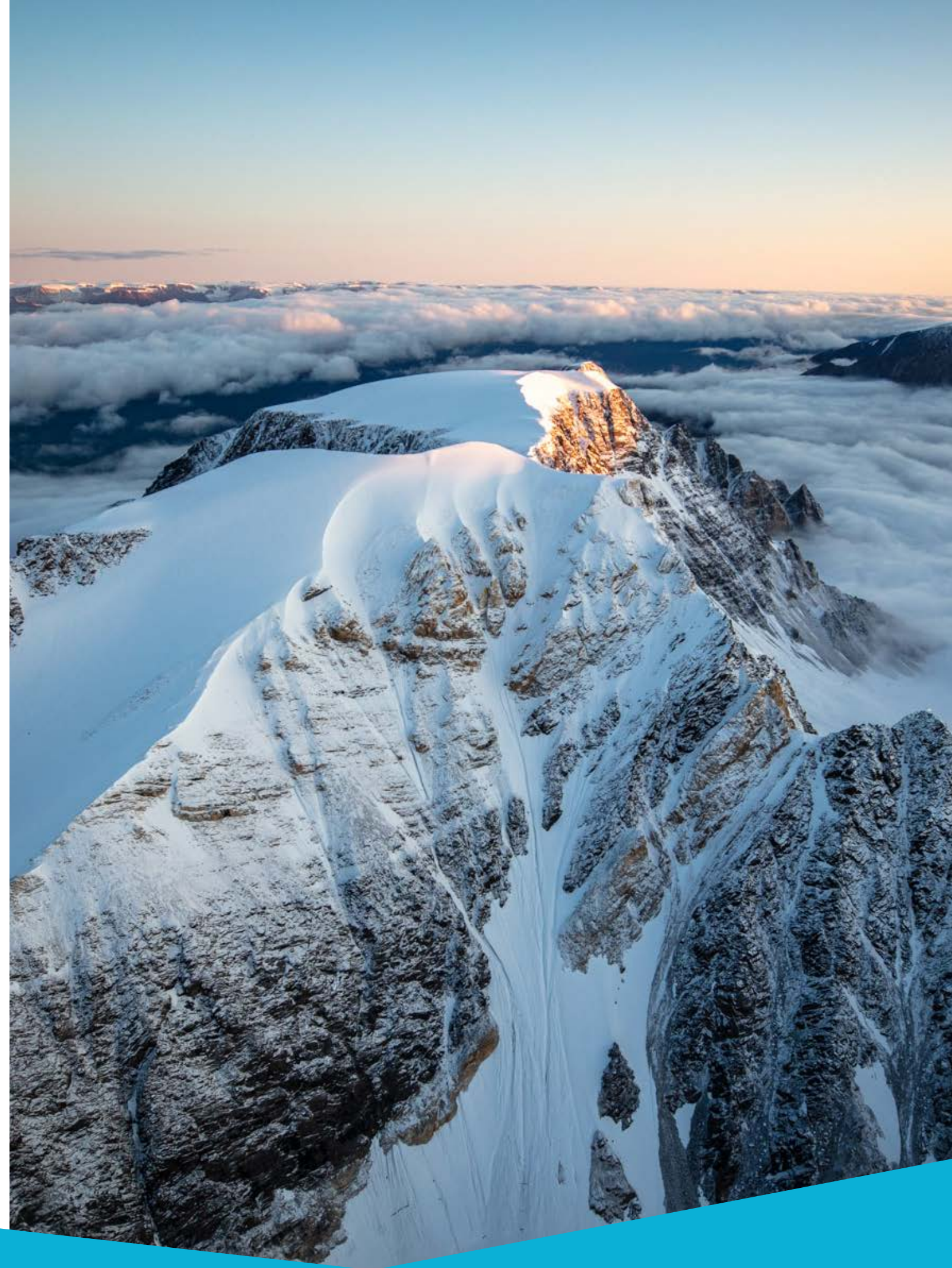
With over three decades experience in the planet's most challenging and beautiful landscapes.

Productions services on all scales from natural history documentaries to feature films. Facilitating crews on remote locations working in extreme conditions. Full location services ranging from logistics, equipment, pre-production consultation, advice on scripts, permitting, detailed budgeting.

Bespoke exploration travel in the polar regions with a mission to experience the unique.

We tailor your private expedition to deliver a once-in-a-lifetime experience, memories for life. Being bespoke ensures the personal qualities of the journey and unique experiences.

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