



OCEANWIDE

EXPEDITIONS

Expedition Log Arctic Academy

13-22 July 2022

On board of
M/V Ortelius



M/V Ortelius was named after the Dutch cartographer Abraham Ortelius (1527-1598) who published the first modern world atlas, the *Theatrum Orbis Terrarum* (Theatre of the World) in 1570. *MV Ortelius* was built in 1989 in Gdynia, Poland, as a research vessel for the Russian Academy of Science and was named *Marina Svetaeva*. In 2011 she was purchased by Oceanwide Expeditions. The vessel was re-flagged and renamed *Ortelius*. Now the ship is sailing as a 108-passenger vessel. *Ortelius* is 91 m long, 17,6 m wide and has a maximum draft of 5,80 m, with an Ice Strength rating of UL1/1A, top speed of 12 knots and one diesel engine generating 3200 kW.



Captain Mika Appel

and his international crew of 51 (15 Nationalities)

Including

First Officer:	Maikel Overbeek	[Netherlands]
First Officer:	Mladen Svic	[Croatia]
Second Officer:	Anika Albrecht	[Germany]
Third Officer:	Eline Schuurman	[Netherlands]
Chief Engineer:	Aleksandr Bondarev	[Lithuania]
Hotel Manager:	Volodymyr Cherednychenko	[Ukraine]
Assistant hotel manager	Andy Juodvirsis	
Head Chef:	Heinz Hacker	[Austria]
Sous Chef:	Ivan Ivanovic	[Serbia]
Sous Chef:	Norman Estrada	[Philippines]
Ship's Physician:	Linda Doomen	[Netherlands]
Expedition Leader:	Jan Belgers	[Netherlands]
Assist. Expedition Leader:	Michelle van Dijk	[Netherlands]
Expedition Guide:	Karoline Baelum	[Denmark]
Expedition Guide:	Marion Van Rijssel	[Netherlands]
Expedition Guide:	Florence Kuyper	[Netherlands]
Expedition Guide:	Frits Steenhuisen	[Netherlands]
Expedition Guide:	Hans Verdaat	[Netherlands]
Expedition Guide:	Annette Scheepstra	[Netherlands]
Expedition Guide:	Ronald Visser	[Netherlands]

Welcome you onboard!

Introducing the Arctic Academy

The Arctic Academy is a collaboration between SEES.nl (Scientific Expedition Edgeøya Spitsbergen), Oceanwide Expeditions and SNP natuurreizen. Together they made it possible that this very special expedition could take place.

During this expedition scientists and tourists travelled together to one of the most remote places of the arctic region. The primary goal of the SEES expedition was scientific research on Edgeøya. The secondary goal was to inform a wide and general public about this research and what is happening in the arctic regions. Hence that besides scientist the ship also carried journalists, artists and tourist.

This logbook is written during the expedition by the guides of Oceanwide Expeditions. It aims to give an impression of what happened during the expedition. In no means it aims to be a scientific report nor it has journalistic ambitions. With this logbook we would like to present the participants of the Arctic Academy and the SEES expedition a lasting memory of this special voyage.

On behalf of the Arctic Academy,

Jan Belgers

Expeditionleader Oceanwide Expeditions

Maarten Loonen

Scientific expeditionleader

Day1 – Wednesday July 13, 2022

Embarkation Longyearbyen

16:00 GPS position: 78°09.5 N / 015°32.10' E

AirTemp:12°C Sea Temp:5°C Weather: cloudy Wind: NW3 Sea state: 2

After a long-awaited departure (a few years for most of us) and a lot of hassle because of the SAS strike most of us were able to make it to Longyearbyen, the largest settlement in the Arctic Archipelago of Svalbard. Our ship for the next 9 days, the *M/V Ortelius*, brings us together to explore and research the polar environment of the high Arctic.

Longyearbyen is one of the northernmost settlements in the world. It started as a mining town and is named after John Munro Longyear (1850-1922), whom started in 1906 the Arctic Coal Company. Still coal is being mined on Spitsbergen but production has decimated and is mostly used for combined heat and power production in the settlements of Longyearbyen and Barentsburg. The ship was moored at the coal quay and we could see the heaps of freshly mined coal. The crew welcomed us on board we were brought to our cabins by the friendly hotel staff.



We started with the mandatory safety drill and headed out at 18:00 for Edgeøya during that. We had dinner in the restaurant while sailing through Isfjord. After dinner we Captain's welcome and got from Jan and Maarten information about the trip and the plans for the coming days. Meanwhile some researchers started working on making the lab on the helicopter deck ready.

Day2 – Thursday July 14, 2022

Sørkapp & Stellingfjellet

12:00 GPS positie: 76°43,9' N / 017°38,3' E

AirTemp:7°C Sea Temp:5°C Weather: cloudy Wind: NE5 Sea state: 3

We had a bit of swell from the West during the night but nothing serious even when we rounded Sørkapp our ship remained calm. Fog surrounded us most of the day preventing us from going out in the zodiacs to enjoy the enormous amount of Brunnich's guillemots that are breeding on the cliffs of Stellingfjellet. and going for a stroll in the surrounding area. So, we had our first series of lectures during the afternoon. After 6 hours of sailing we arrived at Kapp Lee. The sky had cleared up a little, but also the wind had increased a lot. We stayed at anchor at Kapp Lee during the rest of the evening and night.



During all the sailing time, there was continuously scouting and counting by the birds and mammals' team on the bow of the ship. In the box that was specially put up there for the SEES expedition they were continuously scouting and counting during all the sailing hours – also during night time, unless the fog prevents them for seeing anything. Meanwhile the lab team was working hard to make the lab ready on the helicopter deck. The lab was needed for some experiments with different kind of zooplankton and for the first

analysis of the samples taken on land and sea.

Before diner we had our daily recap in the bar where Jan and Maarten were reflecting on the past day, and presenting the plans for the up-coming day.

After again a lovely dinner we spent some more time in the lecture room to listen to some more interesting lectures. Maarten was strict in allowing the speakers not more then 15 minutes of time each, so all scientist were able to present their work, leaving also enough time for questions.

Day 3 – Friday July15, 2022

Edgeøya: From Kapp Lee to Negribreen

12:00 GPS position: 78°12,1' N / 021°07,2' E

AirTemp:9°C Sea Temp:5°C Weather: cloudy Wind: E5 Sea state: 0,5

Plan ABCD

Many of us woke up early to enjoy the view from the ship to Kapp Lee. The fog was nowhere to be seen so the skies were very clear which made us able to spot our first polar bear on land! It was exciting to see this bear, which was the first polar bear ever for many of us. But a polar bear on land means no landing, so we switched to plan B: trying to land straight in front of Rosenbergdalen. During breakfast a group of guides went out for a scouting mission to look at the landing conditions. They came back soaking wet. The surf originating from the swell from the South-



West that rolled unhindered through Storfjorden made a safe landing impossible. We started the main engine up for plan C: again and headed North to Sundneset in the mouth of Freemansundet. A distant bear



was spotted on Edgeøya on the other side of the sound but that was at a safe distance. Our guide team went on shore near Würzburger hytta and scanned the area, many curious reindeer so it looked promising....however. The two distant bears and our side of Freemandsundet started walking in our

direction was the message that came from the bridge. And by the time the scout team was back in the zodiacs they were too close to continue with the landing. Back to Kapp Lee to see how the situation had developed there with mixed results: an active bear was rolling on its back feet up in the air which was very nice to witness, but it made science on land impossible.

So we came to plan D, we sailed over to Negribreen (black glacier) where we all went out for a stunning evening zodiac cruise with huge icebergs from black to white and lots of blue's, a curious walrus, two rather rare bird species (ivory and sabine's gull) and to top it off with a lonely beluga diving underneath one of the zodiacs!



Day 4 – Saturday July 16, 2022

Rosenbergdalen

12:00 GPS position: 78°05,3' N / 020°45,5' E

AirTemp:15°C!! Sea Temp:5°C Weather: cloudy Wind: NE1 Sea state: 0

We made it! After the scouting zodiac deemed it feasible to land, we could do where we came for: science and excursions in Rosenbergdalen. The weather was really nice and the views were stunning. The different groups spread out over the valley floor. The vegetation group started to look at the changes in their vegetation plots compared to 2015. The reindeer researchers were walking into the valley trying to find ancient reindeer antlers. Other researchers and tourists



were collecting plastics to analyse

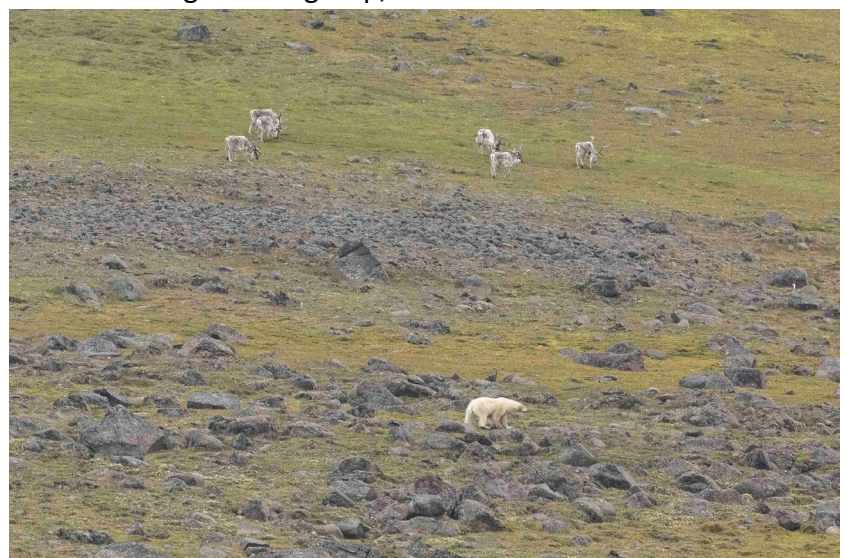
their origin. There were also groups walking for longer and a bit shorter hike. The weather was great and we all enjoyed the plants, the reindeer, birds with their offspring and the beautiful surroundings.

After eating our lunch in the outdoors, a bear was spotted from the bridge walking to the South and for safety reasons we needed to abandon our activities on land and start evacuate and go back to the ship. The wind had picked up making getting into the zodiacs a wet experience. We decided to first evacuate

the hiking groups and tried to let the researcher continue their work. With less people on land – which enables us to evacuate faster if needed - and the bear not showing any interest two groups of scientists continued with their work. However, the bear decided to check out the vegetation what was happening in Rosenbergdalen and walked in the direction of the vegetation group, so an immediate evacuation was needed. They hastily gathered their stuff to be picked up at the shore line. Just some minutes after everybody was in the zodiacs the young female polar bear showed up on the shoreline having followed the group all the way.....

After this exciting polar bear encounter that gladly end with a safe evacuation, both for us and the polar bear.

In the evening Annette told us more about the polar bears and their behaviour and she showed us some impressive short movies made by the Dutch polar bear expert Jouke Prop.



Day 5 – Sunday July 17, 2022

Kapp Lee

12:00 GPS position: 78°05,0' N / 020°45,5' E

AirTemp:9°C Sea Temp:6°C Weather: overcast Wind: N6 Sea state: 3

During breakfast we sailed the short distance from Rosenbergdalen to Kapp Lee. The weather looked promising and we were very glad to be able to get on shore. The place where it all started in 1968 with the polar bear research of the 4 idealistic and adventures students Erik Flipse, Ko de Korte, Piet Oosterveld and Paul de Groot. The four of them stayed for 14 months at Kapp Lee, trying to mark polar bears.

Because of the polar bear situation and the wind picking up (as was expected), we did not wander off. The Arctic Academy enjoyed the walrus haul out, the archaeologists surveyed the remains of the old pomor hut, vegetation plots were sampled and the search for ancient reindeer remains continued while a large number of live reindeer walked



around. A bumpy zodiac drive brought us back to the ship and we enjoyed lunch while underway to Sundbukta. Before we could get into the zodiacs a bear showed up on the shoreline walking in the direction of where we wanted to start our work....another no go but we could watch it nicely from the ship. Meanwhile the wind was howling so we did not dare to go on the water anymore and

instead had three lectures.

In the evening we were all fascinated by the stories of Ko de Korte, about his stay at Kapp Lee more than 50 years ago.



Day 6 – Monday July 18, 2022

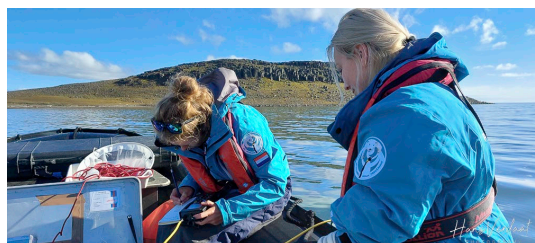
Around Sundbukta, Split up

12:00 GPS position: 78°12,3' N / 020°56,5' E

AirTemp:11,5°C Sea Temp:5°C Weather: cloudy Wind: SSE3 Sea state: 0,5

Today the logistics got so complicated because of polar bears that we had to split scientist and the Arctic Academy.

In the morning a small group did science on the big lake of Zorellvatnet while lectures were held on board. During the afternoon we all went out, some for a zodiac cruise around Ureinskagen while others sampled the small lakes on that island. The island is made entirely out of dolorite



and looked quite barren but we saw seals, lots of birds including a great northern diver and some of us even went for a look at a polar bear.

After dinner another small group of scientists went for the small lakes near the Würzburgerhytte, which were visited also during SEES 2015 while the Arctic Academy could attend some more lectures. Everybody was back on board around midnight, a long and successful day!



Ronald J.W.Visser

Day 7 – Tuesday July 19, 2022

Edgeøya: Russebukta

12:00 GPS position: 77°36,3' N / 020°55,5' E

AirTemp:12°C Sea Temp:6°C Weather: cloudy Wind: W4 Sea state: 2

The day started promising! We had sailed a bit further south during the night and we were anchored near Russebukta where we had planned a lot of activities on shore. When the first zodiacs left there was still quite some wind but the third



attempt to land the



glacier and reindeer groups was successful. During the shuttling of the rest of the passengers and scientist the wind died down and the weather became really nice.

Overcast

with some raindrops but warm and

not so much wind. We all spread out to do our thing, collecting plastic or antlers, drill in lakes, picking mushrooms, you name it and we have a scientist studying it ;-). Meanwhile there were also hiking groups spread out over the tundra and they encountered, visited and enjoyed both the locals (reindeer, arctic fox) as the imported ones (the scientists). After a long day in the field we were all back on the ship just before 19:00 where we had a BBQ on the helideck!



Day 8 – Wednesday July 20, 2022

Stellingfjellet in the fog > transit

12:00 GPS position: 76°24,2' N / 016°30,5' E

AirTemp:6°C Sea Temp:5°C Weather: fog Wind: E5 Sea state: 3



During the night we sailed South West and, in the morning, we woke up near Stellingfjellet though we needed a gps to find that out, as thick fog was surrounding us. The weather forecast indicated that no improvements were expected, so we decided to continue sailing so we could already be in Hornsund in the afternoon. We stayed on board and had lectures, a workshop with the social scientist and a bit of relaxation after the long (hike) day yesterday.



is stunning because of the collision eons ago with Greenland. The decision to continue paid off 😊

After dinner though we had 24knots of wind when we went for a stroll to Gnålodden. A perimeter was set up by the guides and we could freely roam around and visit the hut where the famous female trapper Wanny Wolstad once lived and the remains of an old Pomor cabin and grave. The Arctic skuas clearly indicated when we came too close to their nest.

Late afternoon we sailed into the big fjord of Hornsund with stunning views! We were back at the west coast where the geology



Day 9 – Thursday July 21, 2022

Bellsund, Ingeborgfjellet and van Muydenbukta

12:00 GPS position: 77°44,3' N / 014°26,5' E

AirTemp:12°C Sea Temp:5°C Weather: cloudy morning, fair in afternoon Wind: SW2 Sea state: 1

Thick fog surrounded us when the guide team was making plans for the day, but luck was with us again! During breakfast the clouds lifted and we made a landing at the bird cliffs of Ingeborgfjellet where thousands of little auks flew around us and we could enjoy the sounds they make like “drunken sailor-men”

During lunch the captain repositioned the ship and we had both a zodiac cruise and hiking opportunities that afternoon on the flat areas in Van Muydenbukta, a place littered with old whalebones and unfortunately also modern plastics. But that

created work for the scientists on this last outing of this incredible trip!



© Annette Scheepstra

Day 10 – Friday July 22, 2022

Longyearbyen

12:00 GPS position: 78°09.5 N / 015°32.10' E

AirTemp:10°C Sea Temp:5°C Weather: cloudy Wind: NW3 Sea state: 2

It was now time to say farewell to our great adventure, to our safe floating home and to our lovely new friends! This morning *Ortelius* was alongside the post at Longyearbyen ready for us to disembark, which was a dry landing compared to our embarkation and our landings throughout the trip. Once we had enjoyed our last breakfast on board we were able to disembark at 09.00 am, for our bus to town and later to the airport.



**On behalf of Oceanwide Expeditions,
Captain Mika Appel and the Officers,
all Crew, Expedition Team and Hotel Team,
it has been a pleasure travelling with you!**

www.oceanwide-expeditions.com

www.sees.nl

Jan Belgers - Expedition Leader



Jan Belgers, from the Netherlands, has been working as a professional outdoor guide and expedition leader in the Polar regions for many years now. Travelling and guiding in wildernesses all over the world are his passion. His work as a guide brought him from the high mountain ranges of the Himalayas and Andes to the extreme latitudes of Spitsbergen and Antarctica.

His first experience with the Polar Regions was in 1990 when he joined a scientific expedition from Iceland to Kapp Farvell in Greenland for the “World Ocean Circulation Experiment” (WOCE). In 1992 he joined the “Winter Weddell Gyre Study” (WWGS) with the German scientific icebreaker Polarstern into the remote Weddell Sea, in the Antarctic and wintered there. During these expeditions Jan got bitten by the Polar Bug and therefore he has been returning to the Polar regions frequently, joining in more than 180 Polar expeditions.

Jan's professional background is marine ecology, but he quitted science a long time ago. Since 1998 he works full-time as a professional guide and expedition leader for Oceanwide Expeditions, in the high northern and southern latitudes.

Jan is a keen nature and outdoor enthusiast and feels at home on the sea, due to his background in marine biology. He lectures on natural history, biology and polar history and is a polar literature fanatic.

Michelle van Dijk – Assistant Expedition Leader



Is nearly a local, since she is the owner of Longyearbyen Camping, world's northernmost camping site. Working as a guide, this campsite has been her home base since 2004.

Living in a tent, she spends three months a year on Spitsbergen guiding day trips, trekking & expedition cruises. These days she mainly works on ships, as guide or expedition leader.

She believes that there is no better way to get closer to a place than to work there, she also lived in Sweden & Iceland.

Her first visit of Spitsbergen was back in 2001 and instantly she fell in love with this remote archipelago.

Although she picked plants as her specialism, Michelle is a generalist. She took the course Arctic & Antarctic studies at Groningen University and recently she published a book about Sjef van Dongen, who took part in the rescue operation after Nobile's airship crashed in 1928.

Michelle has been working as a guide on Antarctica, the Falklands, Faroe Islands, Greenland, Iceland, Jan Mayen, South Georgia, Spitsbergen and Sweden.

Marion van Rijssel - Expedition Guide



At the age of eight Marion started a herbarium and found out that the seemingly monotonous green meadows harbored an immense diversity of herbs and grasses. By snorkeling in the Mediterranean, she discovered the underwater world and was fascinated by the animals' alien to the terrestrial environment.

She studied Biology and got acquainted with the absurd physiology of microbes that consume and breathe other things than the organisms she was familiar with.

Marion loves to share her fascination for all forms of life by being a lecturer in Marine biology at the university and as a guide for scuba divers/tourists.

Florence Kuyper - Expedition Guide



Florence is a cosmopolitan with a passion for the polar regions, remote nature, deserts, history and nomadic people around the globe. After receiving her Masters degree in Educational and Organisational Psychology in the Netherlands, Florence had a European career as a consultant-manager in the field of social affairs.

In 2004 she went for the first time to the big white desert 'Antarctica' and her passion for this continent has drawn her back 'South' ever since.

But Florence can also do extreme heat: she crossed 1,200 km of harsh Mongolian desert on foot, together with a team and her Bactrian camel. Florence lived on a British historical base on the Antarctic Peninsula "Port Lockroy" where she worked as Base Leader. She also works on sailing yachts in the Arctic and Antarctica. Florence has worked as a guide and expedition leader in both polar regions since 2012 and she looks forward to sharing her knowledge and unlimited passion for the polar regions with you.

Hans Verdaat - Expedition Guide



His fascination for nature and traveling has been present all of his life. From a young age on he has been an active birder traveling across Europe. He studied Coastal Zone Management in The Netherlands and as part of that study lived half a year in Norway. In 2006 he moved to the Dutch island Texel where he has been working ever since as a field researcher for a marine research institute. In his research he specialises in seabirds and marine mammals.

Since 2004 he has participated in seabird and marine mammal surveys in the Caribbean, West-Africa, Antarctica, Spitsbergen and European waters. He has always been fascinated with the polar regions and has participated in several scientific expeditions both to the Arctic and Antarctic.

Since 1999 he started working as a (birding) guide. The last years he has combined his full-time research job with guiding. During expedition cruises he is a guide, lecturer and zodiac driver.

In his free time Hans is a keen nature photographer and as seabird- & mammal admin active on Waarneming.nl / Observation.org

Hans speaks: English, Dutch and German

Annette Scheepstra – Guide



Annette is one of the organisers and driving forces of the SEES.nl expedition. She works since 2009 at the Arctic Centre of the University of Groningen and since 2011 she combines this job with working as an expedition guide in Spitsbergen.

She is a social scientist who just received a large research grant from the Dutch research council NWO to do research on Antarctic tourism with a special focus on how tourists can become ambassadors.

Although her background is in social sciences Annette has a broad knowledge of polar wildlife and polar

history.

Annette's interest in remote areas and nature is also expressed in the fact that she is a professional 'Wadloop' guide on the Wadden Sea since 2004.

Ronald Visser – Guide



Raised in the flat northern part of The Netherlands, Ronald has a profound love for wide barren landscapes. When he met his girlfriend Annette, they started trekking through remote areas, such as the Namib Desert and Tierra del Fuego. As keen as he is to travel as light as possible, photo equipment and binoculars are never left at home.

He still enjoys living in Northern Netherland, but in his free time he needs more space. He achieves this during weekends walking on the seafloor of the Wadden Sea during low tide with Annette or guiding small groups.

Working at the department of Marine Biology, University of Groningen, has brought him from the Antarctic to the Arctic and many places in between. He has spent countless hours in Zodiacs and ships in polar regions to collect water samples for biological research. His work infected him with the polar bug, and since then he has spent his holidays hiking on Spitsbergen and conducting voluntary goose research fieldwork there as well.

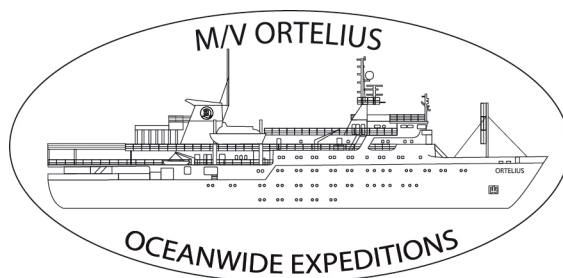
In 2008, he worked for the first time as an expedition guide, travelling to an Antarctic research base on a cruise vessel. He began guiding in Svalbard in 2010 and has worked on more than 60 polar cruises since as expedition leader and guide. In 2020 he was part of the MOSAiC expedition and got stuck on the arctic ocean because of the pandemic. He really enjoys guiding and realized that his joy comes from sharing the passion he has for the polar regions with other people. Not only nature (biology and geology) attracts him, but also the history. The stories of the whalers, the entrepreneurs, the famous polar exploration expeditions – all makes it come alive, especially when told in conjunction with being in these beautiful landscapes.

Linda Doomen – Scheepsarts



Na te zijn opgegroeid in het Brabantse Tilburg, verhuisde Linda op haar 18e naar Maastricht om daar geneeskunde te gaan studeren. Tijdens haar studie ontstond haar passie voor reizen. Ze volgde co-schappen in New York en Melbourne en is zich daarna gaan specialiseren in de acute geneeskunde in het traumacentrum in Tilburg. Waar mogelijk was ze in het buitenland, vaak maanden lang rondtrekkend door Zuid-Amerika, Afrika, Azië en Australië. Ze werkt inmiddels 8 jaar als spoedeisende hulp arts in het Jeroen Bosch ziekenhuis in 's-Hertogenbosch, waar ze tevens opleider is.

De laatste jaren is ze haar passie voor acute geneeskunde en reizen gaan combineren. Ze volgde de AWLS (advanced wilderness life support) en DMLS (dive and marine life support) cursus met als doel zich verder te verdiepen in de expeditie geneeskunde. In 2020 heeft Linda heeft ons al eerder vergezeld als scheepsarts op de Ortelius naar Antarctica. Dit wordt haar primeur naar de Noordpool, iets waar ze enorm naar uitkijkt.



SEES – ARCTIC ACADEMY

July 13 - 22, 2022

Day 1, Wednesday July 13: boarding and departure.

WELCOME ABOARD!

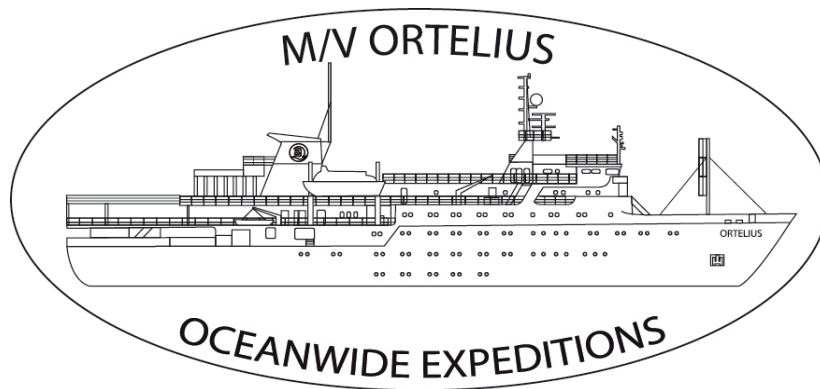
Luggage will be delivered to your cabin as soon as possible. Please check to make sure you have received all your luggage!

**** Tea and coffee are always available in the bar/lounge on deck 6 ****

- ±17.15 Welcome briefing in the lecture room (deck 3, forward). Expedition leader Jan and hotel manager Vladimir will introduce you to life on board *Ortelius*. This will be followed by a mandatory 'Safety at Sea' briefing and lifeboat drill.
- ±18.15 Departure of the *Ortelius*. Please stay off the bridge during these operations.
- 19.00 Dinner is served in the dining room on deck 4, behind the reception.
- 20.30 Welcome briefing.
The captain invites all passengers to a reception in the lounge/bar (deck 6). EL Jan will introduce the expedition staff and explains about our plans, and scientific EL Maarten will introduce you to the SEES expedition

The first part of the evening, for about 2,5 hours we will sail through the large Isfjord towards the open sea. Then we head south along the outer coast of Spitsbergen towards Sørkapp, the southern tip of Spitsbergen. Sometime in the early morning we will round the south Cape and turn northeast into Storfjorden. Our first goal is the southeast coast of Spitsbergen where we plan to make our first landing sometime tomorrow afternoon, after lunch. The sailing distance is approximately 175 nautical miles (1 nm. is around 1,9 kilometres so about 325 km) and this will take us about 16 to 20 hours.

Take your seasickness medication before you feel the movements of the vessel. Walk slowly on the ship and always use one hand for yourself and one for the ship! Stow your belongings well so things do not break because of the motion of the ship



SEES – ARCTIC ACADEMY

July 13 - 22, 2022

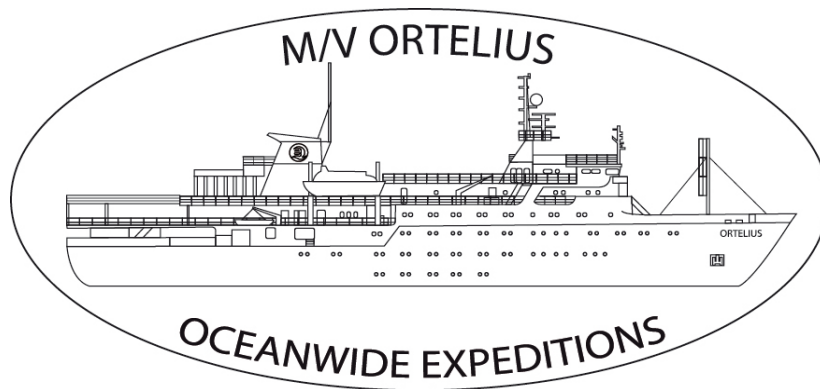
Day 2, Thursday July 14: Storfjorden - Stellingfjellet

- 07.00 Wake-up call.
- 07.30 Breakfast buffet in the dining room (deck 4) for one hour.
- 09.00 Please join the expedition team in the lecture room (on deck 3) to hear our mandatory environmental guidelines, zodiac operations briefing and our polar bear “safety in the field” briefing.
- After the briefing rubber boots will be handed out in the lecture room. You will be called deck by deck! Take thick socks to try out the right size.
- 12.30 Lunch buffet.
- ±14.30/TBA Landing near the bird-cliffs of Stellingfjellet. Please note: due to the shallow and uncharted waters the ship cannot approach the cliffs very close! The zodiac shuttle will therefore be quite long.
- ±17.30 Last zodiacs back to the ship.
- 18.30 Recap in the bar. Hear about tomorrow's plans.
- 19.00 Dinner is served

In the early morning we will round the southern tip of Spitsbergen, Sørkapp. Then we will head north and enter the large Storfjorden. After lunch we plan to land on the remote and seldom visited southeast coast of the main island West Spitsbergen, near Stellingfjellet. On these bird-cliffs tens of thousands of Brünnich's Guillemots breed and it is one of the largest colonies of these birds in Spitsbergen. The sea around Sørkapp is not well charted and at most places very shallow. Therefore, the zodiac shuttle will be quite long, and maybe wet. Protect yourself and your gear well against the saltwater spray! In case the sea is too rough, the landing must be cancelled. Later in the afternoon we sail further into Storfjorden on our way to Edgeøya. We plan to arrive there early in the morning.

TBA*: To Be Announced

The Doctor can be contacted any time during the day (23.00 to 08.00 for emergencies only) in the Hospital on deck 4, via the Bridge, or find a member of the staff.



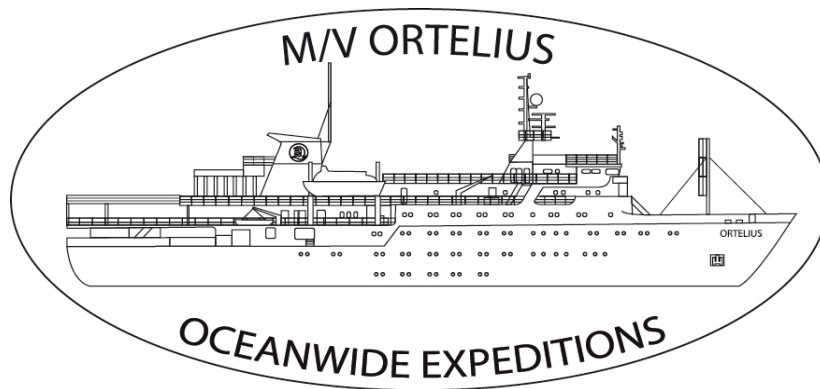
SEES – ARCTIC ACADEMY

July 13 - 22, 2022

Day 3, Friday July 15: Edgeøya: Kapp Lee

- | | |
|-----------|--|
| 07.00 | Wake-up call. |
| 07.30 | Breakfast. Don't forget to prepare your packed lunch in case you are not coming back to the ship for lunch |
| 08.30 | Meeting in the bar |
| 09.30 | Scientists go ashore at Kapp Lee/ Rosenbergdalen |
| TBA | Arctic Academy passengers go ashore |
| +/- 18.30 | Last zodiac back to the ship |
| 19.00 | Recap |
| 19.30 | Dinner |

Today we are going to spend the whole day at Kapp Lee and Rosenbergdalen, a lush valley close to Kapp Lee. At Kapp Lee four Dutch scientists started a research station in 1968, which was the start of a more than 50 years long period of scientific research in this area. For many years fieldwork was carried out from the station at Kapp Lee. The station was torn down in 1988. Long before the scientific station, in the 18th and 19th century, Russian hunters, the Pomors, had a hunting station at Kapp Lee and remains of this station can still be seen.



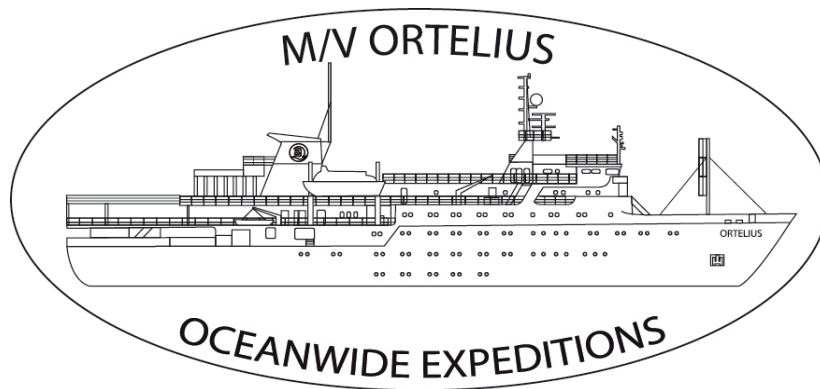
SEES – ARCTIC ACADEMY

July 13 - 22, 2022

Day 4, Saturday July 16: Rosenbergdalen

- | | |
|-------|--|
| 07.00 | Wake-up call. |
| 07.30 | Breakfast for one hour. Don't forget to prepare your packed lunch. Your dinner option will be asked by the stewards. |
| TBA | Scientists go ashore at Kapp Lee/ Rosenbergdalen |
| TBA | Arctic Academy passengers go ashore |
| 19.00 | Recap |
| 19.30 | Dinner |

Today we will try again at Rosenbergdalen. We do not plan too much as we know this might not work, due to the Polarbears



SEES – ARCTIC ACADEMY

July 13 - 22, 2022

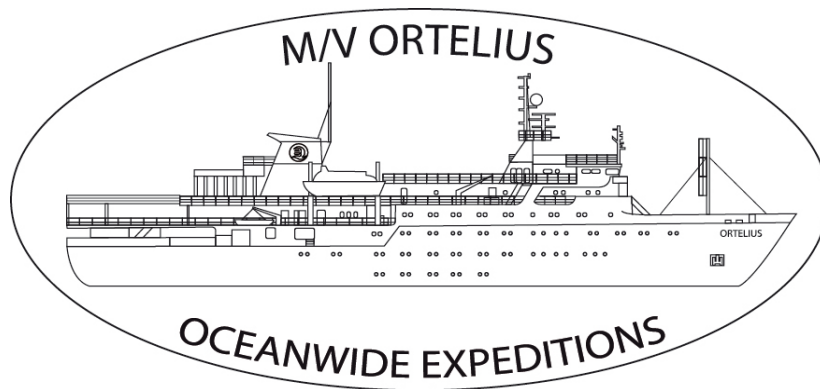
Day 5, Sunday July 17: Barentsøya

07.00	Wake-up call.
07.30	Breakfast for one hour.
09.00	Meeting in the bar
TBA	Possible landing on Barentsøya.
12.30	Lunch on board
TBA	Plans for the afternoon
19.00	Dinner

Tomorrow, we expect some fairly bad weather, with rain and wind force 8 around noon. In the morning we still hope to land on Barentsøya, where we might be more sheltered from the wind.

Because of this bad weather we planned a lunch on board.

After a lunch we might still land or have another activity in the area.



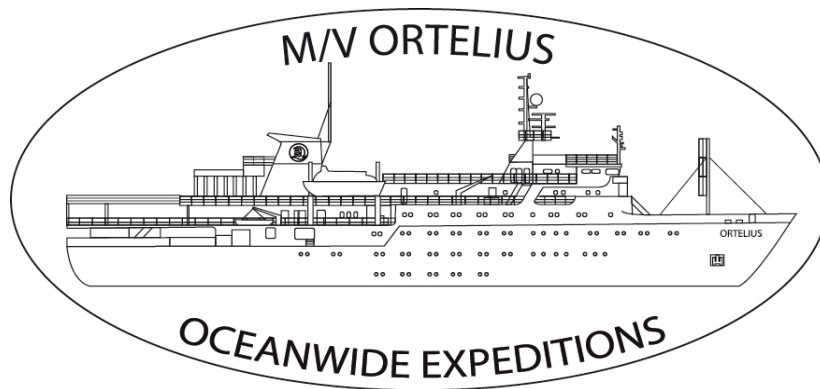
SEES – ARCTIC ACADEMY

July 13 - 22, 2022

Day 6, Monday July 18: Barentsøya – Sundneset

- 07.00 Wake-up call.
- 07.30 Breakfast. Don't forget to prepare your packed lunch
- 08.30 Meeting in the bar
- 09.30 Scientists go ashore at Sundbukta
- TBA Arctic Academy passengers go ashore
- +/-12.00 Back on board, the ship relocates to Sundneset
- TBA Landing at Sundneset
- 18.30 Last zodiac back to the ship
- 19.00 Recap
- 19.30 Dinner

Today we are trying again to land at Sundneset. On this peninsula there are several small lakes in which several scientists have an interest. It is also a great place for walking and observing plants and animals.

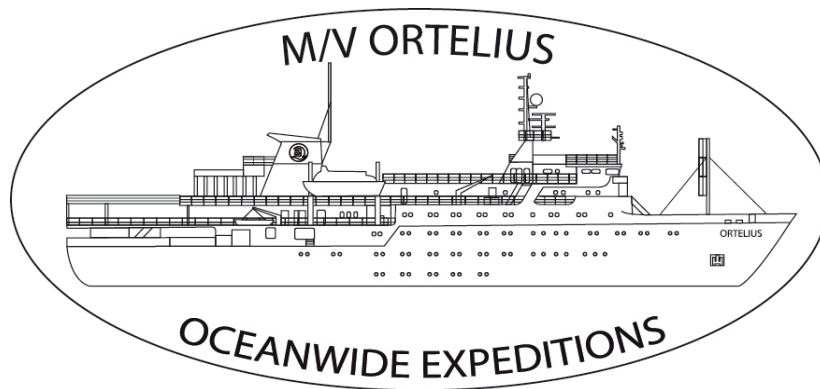


SEES – ARCTIC ACADEMY

July 13 - 22, 2022

Day 7, Tuesday July 19: Edgeøya: Russebukta

- | | |
|-------|--|
| 07.00 | Wake-up call. |
| 07.30 | Breakfast for one hour. Do not forget to prepare your packed lunch |
| 08.30 | Meeting in the bar |
| TBA | Landing at Russebukta |
| 18.30 | Recap |
| 19.00 | Dinner |



SEES – ARCTIC ACADEMY

July 13 - 22, 2022

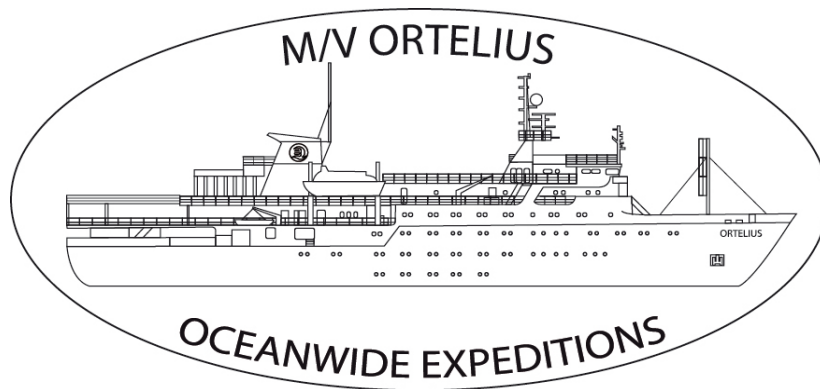
Day 8, Wednesday July 20: Storfjorden - Stellingfjellet

- 07.00 Wake-up call.
- 07.30 Breakfast.
- 09.00 Meeting in the bar
- 09.30 Landing near the bird-cliffs of Stellingfjellet.
- 12.00 Last zodiacs back to the ship.
- 12.30 Lunch on board
- 13.00 Cruise into Hambergbukta
- 18.30 Recap in the bar
- 19.00 Dinner

In the early morning we will once again try to land near Stellingfjellet. On these bird-cliffs tens of thousands of Brünnich's Guillemots breed and it is one of the largest colonies of these birds in Spitsbergen.

Later in the afternoon we hope to do a (ships) cruise into Hambergbukta.

After the cruise we need to leave for Hornsund, where we plan to arrive early the next morning.

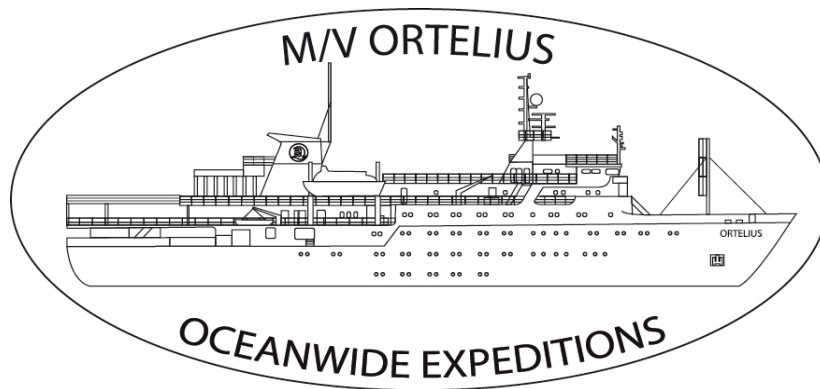


SEES – ARCTIC ACADEMY

July 13 - 22, 2022

Day 9, Thursday July 21: southwest Spitsbergen: Bellsund

07.00	Wake-up call.
07.30	Breakfast.
08.30	Meeting in the bar
09.30	Start of the landing at Ingeborgfjellet
12.30	Lunch (on board)
TBA	Settlement of your account at the reception. Wait for announcements after your return on the ship.
14.00	Meeting in the bar
14.30	Landing in van Muydenbukta
18.00	Back to the ship
19.00	Dinner
21.00	Farewell toast in the bar.



SEES – ARCTIC ACADEMY

July 13 - 22, 2022

Day 10, Friday, July 22: Arrival in Longyearbyen

07.30 - 08.30 Breakfast

Before going to breakfast, please put your heavy luggage in the corridor near your cabin. The crew and staff will carry it down to the pier.

Please leave your cabin keyrings at the reception.

09.00 Time to say goodbye! All passengers leave the ship.

Buses have been arranged to take you all into Longyearbyen. Those of you that have a flight today at daytime, you will be picked up again at 11.30 at the parking place in front of Svalbardbutikken (the supermarket). This bus will take you to the airport.

Dear passengers, we enjoyed having you on board. Have a nice and safe journey home. Hopefully we meet again somewhere, sometime, in the Polar Regions!

Farewell!