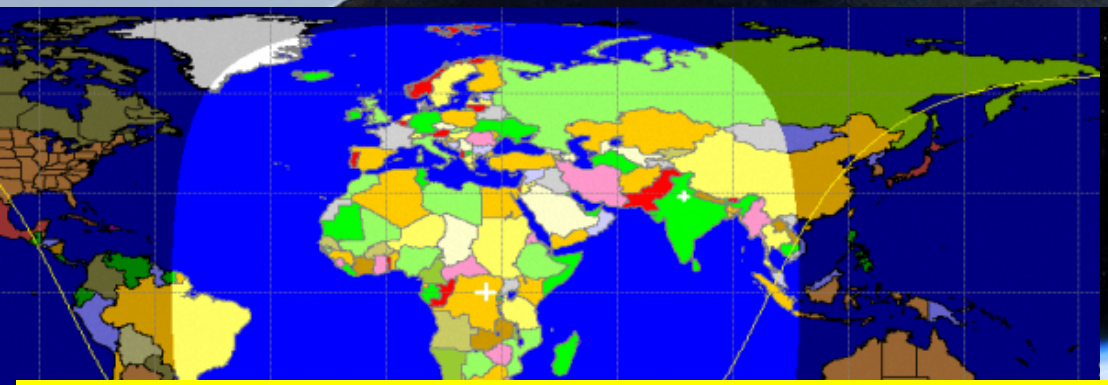
Planung und Vorbereitung der 3Y0K Bouvet DX-Expedition

3Y0K - Bouvet Island
February 2026

Wolfgang / HB9RYZ
Funktion: Satelliten Lead



Generalversammlung der Swiss DX Foundation (SDXF) in Windisch bei Brugg

5. April 2025 - Wolfgang / HB9RYZ – www.hb9ryz.ch

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Presse

The Weekly DX

Volume 25, Number 2 **January 10, 2025**

3YØK, Bouvet

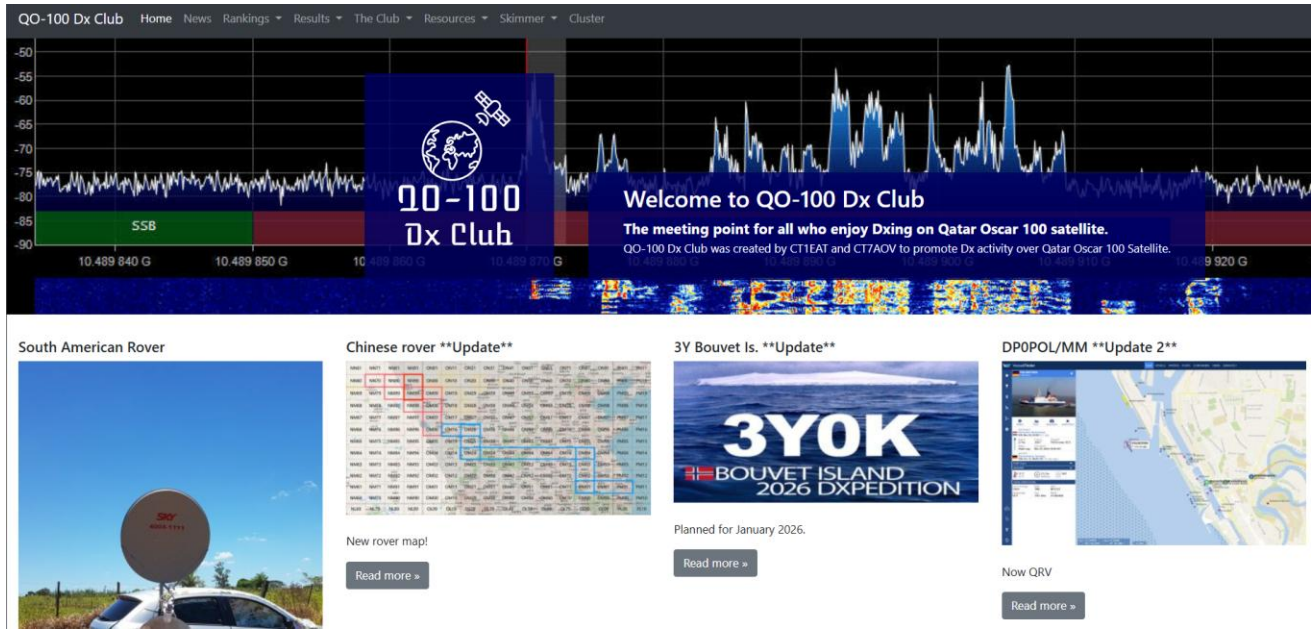
The 3YØK DXpedition team has signed a contract with ICETUGS to take them to Bouvet Island in February 2026. ICETUGS, an Iceland-based company, has an excellent track record in providing services for expeditions, cargo and fuel supplies, tugging, as well as rescue and camp setup in the Arctic and Antarctic regions. The team has also signed a helicopter contract with Cape Town-based Ultimate Aviation. This group will supply a helicopter, two pilots, and a mechanic. Their crew have broad experience in offshore operations across Antarctica, Marion, Gough, and da Cunha Islands, which includes boat to shore, sling, and hoist operations associated with police force, military, and private projects. This year they celebrate 10 years of operation in Antarctica. "We are confident the helicopter crew and the vessel will make a big difference for us in activating Bouvet Island." Plans are to leave Cape Town on February 1, 2026. The DXpedition is scheduled for 36 days. "We intend to stay around the island for more than 21 days, which will provide us with enough time to wait for good conditions to land the team and all the equipment. The leadership has previous experience from landing at Bouvet Island in 2023, and together with the entire team are prepared and committed to re-activating Bouvet Island. We obtained the helicopter permit six months ago, and with the 3YØK license in hand we have all the approvals necessary to go onshore."

"Our first deposit of $450,000 will be paid on January 20, 2025. Given the overall budget of $1,675,000, we teamed up with a small private group to share the costs. Our team wishes to use this opportunity to thank all the clubs, associations, and foundations, as well as individuals who have already provided us with their support. Going to such remote places would not be possible without such generous contributions. Meanwhile, we invite those who haven't done it yet to visit our website at www.3y0k.com and consider making a donation. There is also a PayPal link.

The Northern California DX Foundation has made a $200,000 grant to this DXpedition. *(See related story on Page 4.)*

Those interested in joining the DXpedition team should email admin@3y0.no.

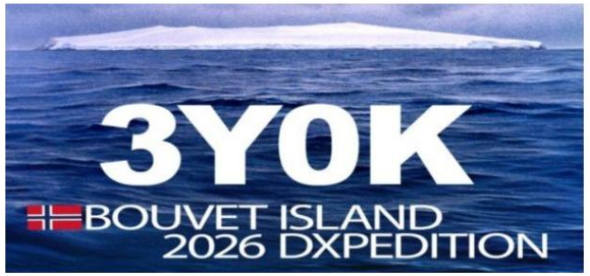
"Finally, the Peter 1 DX-pedition is on track, as we have received the landing permit from NPI, and we will sign a contract with ICETUGS to take us there in 2027. We will provide more information at a later stage."



News

3Y Bouvet Is. **Update**

2024-10-19



Update 12 Jan 2025: The **3Y0K** Dxpedition website is now online and it has been updated with the latest information. Given the budget size, **donations** are welcome!

From AMSAT-HB: *"Founding member and vice president of AMSAT-HB,* ***Wolfgang Sidler HB9RYZ*** (QO-100 Dx Club #194)*, will personally take part in the Dxpedition* ***3Y0K****.*

The island is located approximately 1,700 km off the coast of Antarctica and is one of the most searched countries of all. And it looks like Bouvet has never been activated on satellite! Wolfgang told us that Bouvet will also be activated via QO-100.

Bouvet is a tough place. Dokufunk lists 24 expedition projects on Bouvet (not including the last one from 3Y0J). Some projects did not make it past the planning phase, others were unable to land or had to end the expedition early.

Activation via satellite is not documented on the Dokufunk website.

We wish Wolfgang much success and fantastic experiences on Bouvet!

Activation is planned for ***January 2026****. Of course, we will report on further events here as soon as possible."*

TNX AMSAT-HB and Florian, DF2ET for the fantastic news.

Team lead Ken LA7GIA

Co-leader Adrian KO8SCA

Co-leader Allan EA3HSO

Co-leader Cezar VE3LYC

Equipment & Antenna lead Krassy K1LZ

www.3Y0K.com

Installation lead Roman RN5M

Installation lead Manu LU9ESD

Installation lead Velimir K3JO

Chak JT1CO

Donato IK2EGL

Filipe XQ7IR

Dennis KT8X

Wolfgang HB9RYZ

Vlad OK2WX

John F5VHQ

Bob W9AP

Greg KP4PK

Gudmi TF3SG

Vadym, UT6UD

Pilot / Media James KB2FMH

Stian LB5SH

Open

Open


3YØK
BOUVETØYA


3Y0K
2
3Y0J
1


CAMP

Cape Fie April 2024

Camp

We will focus on ONE camp, but two radio tents that will be separated 400-700 meter.
There will be a recon flight before we decide, and exact location TBD once onshore.

There is a 5–10-minute SAFE walking distance between the camps.

- Each radio tent will accommodate 6 stations with amplifers.
- We will use 12xIcom 7610 radios
- 5xRF Power amplifiers, 2xAcom 700s and 5xAcom 1200s amplifiers. In addition, an Acom Burst 2000A amplifier
- QO100 SAT station from meet&greet tent

i) The **lower area** is the lowband area where we install

- 27m 160m vertical
- 4SQ on 80+40m
- Monoband yagis for 20,15,10m on 7m masts and dualbander yagi on 17/12
- 3 element on 20, 4 element on 15m and 5 element on 10m
- 2x20m monoobanders, 1x15m monobander and 1x10m monobander
- Focus in lower camp is especially low band with 4 SQ on 80/40 and 27m 160 CW antenna running QRO
- Antenna mast is winch and tilt-over
- QO 100 station Icom 9700+backup
- 5 EU30is

ii) In the **upper area**, which has a slightly better take off to some parts of NA, we install

- single vertical elements on 160-30m. 20m vertical on 160m
- monobanders on 20,15,10m and dualbander on 17/12m on 10m mast
- 3 element on 20, 4 element on 15m and 5 element on 10m
- 1x20m monobanders, 2x15m monobander, 1x10m monobander and 2x17/12m
- Focus in upper camp is especially 10,12,15m to NA.
- For the upper camp we increase the antenna mast to 10m compared to lower camp where they are 7m
- Antenna mast is winch and tilt-over
- 5 EU30is
- Spare parts in upper camp, shared spares with lower camp.
- Spare generators, spare antennas and radios
- Private group camp here.

Tents

3 tents in each area, one radio tent, one sleeping tent and one meet&greet tent
Radio tent and sleeping tent will be insulated ARCTIC LAVVO

In addition, we will bring 6 emergency tents Barents OUTDOOR – previously tested on the SOUTH POLE – by a Norwegian woman that set a world record in trekking to the pole without resupplies 1150 km.

Private group will have the south pole tents in upper camp.
These tents will be the first tents going onshore and remain during when we take down the camp.

We are working on food, waste handling, wc procedures and generator – a lot of work is already done and on OneDrive

Restroom will be with panoramic view ☺

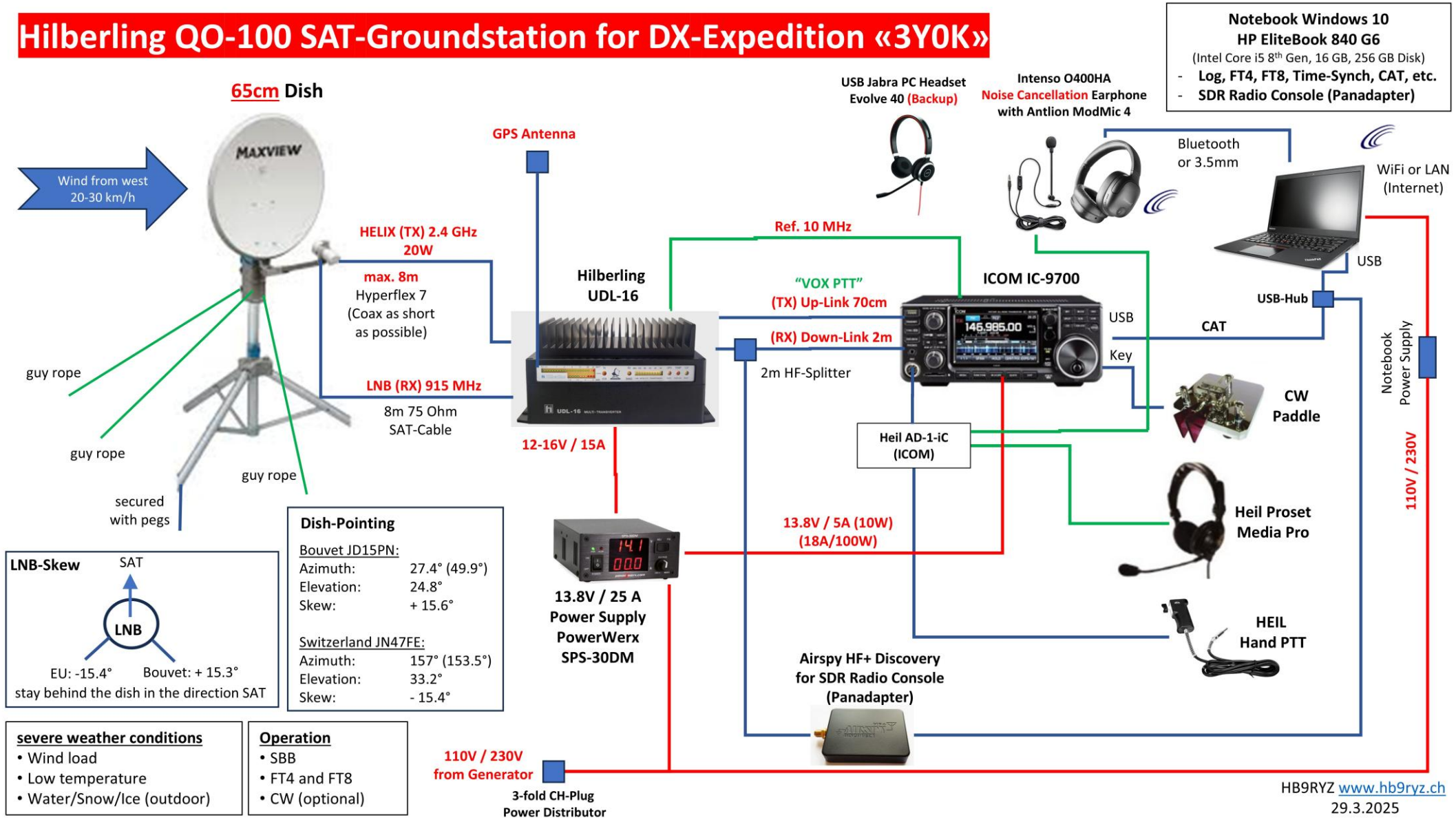
HF-Equipment

- 12x ICOM IC-7610 Transceivers
  - 4x spare Transceivers
  - 4x FT8 Transceiver with 100W
  - 1x IC-9700 for QO-100 Operations
- 5x RF-Kit and 7x Acom Amplifiers
- 11x Yagi antennas 20-10
- 7x Lowband verticals 160-30m
- High power
- One or two camps – antenna separation

Generator (Power)-Setup

Lower camp	12 ops / 8 radios		**RF**		**Parallell**
Gen 1	EU30is	Radio 1	2000W	CW/SSB	Gen 1+2
					Gen 3+4
Gen 2	EU30is	Radio 2	500W	CW/SSB	
Gen 3	EU30is	Radio 3	500W	CW/SSB	
		Radio 4	500W	CW/SSB	
Gen 4	EU30is	Radio 5	500W	CW/SSB	
		Radio 6	500W	FT8	
Gen 5*	EU30is	Radio 7	100W	FT8	*
		Radio 8	100W	FT8	Basically we have a spare generator in the camp
Gen R1	Eu22i	QO100+heater			
Upper camp	6 ops / 4 radios				**Parallell**
Gen 6	EU30is	Radio 9	1000W	CW/SSB	Gen 6+7
		Radio 10	500W	CW/SSB	Gen 8+9
Gen 7	EU30is	Radio 11	500W	CW/SSB	
		Radio 12	500W	CW/SSB	
Gen 8	EU30is	Radio 13	500W	CW/SSB	
		Radio 14	500W	FT8	
Gen 9	EU30is	Radio 15	100W	FT8	
		Radio 16	100W	FT8	
Gen R2	Eu22i	heater			
Gen R3	Eu22i	private group			
Generator 10					Generator 10 is a spare generator

QO-100 SAT Equipment



QO-100 SAT Equipment

QO-100 SAT Equipment

HB9RYZ www.hb9ryz.ch
15.2.2025

QO-100 SAT Equipment - Logistik

Packing for Container and Heli-Transport

Different small items

- 8m Hyperflex 7 Coax-Cable 50 Ohm incl. Connectors
- 8m SAT 75 Ohm coax cable for RX incl. Connectors
- Heil Proset Media Pro Headset and Heil AD-1-iC Adapter
- HEIL Hand-PTT
- Airspy HF+ Discovery for Down-Link Panadapter on Notebook
- 2m-Spitter 144-148 MHz for Downlink Panadapter
- Jabra USB Headset for the PC
- USB-Cable, Power-Cables, TX/RX Cable TX to Transverter
- CW-Paddle
- guy rope for Tripod
- 110-230V power rail with CH plugs

1x 120 l drum

Lid cover opening = 31cm

SAT Backup 35cm Dish Kit

1x Pelicase case

530x470x210mm (11kg)

Main equipment will we wrapped with air-bubble

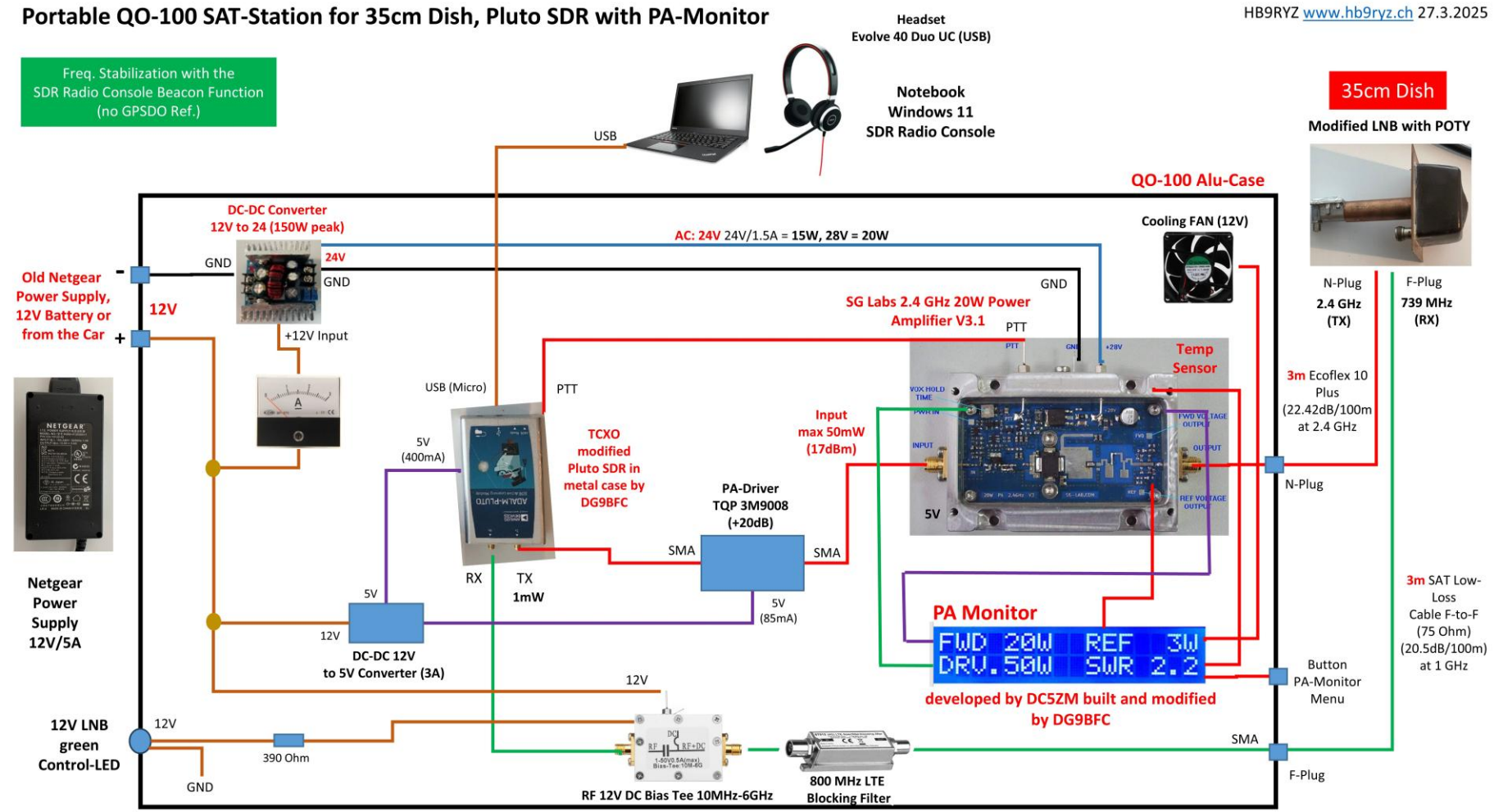
Tripod

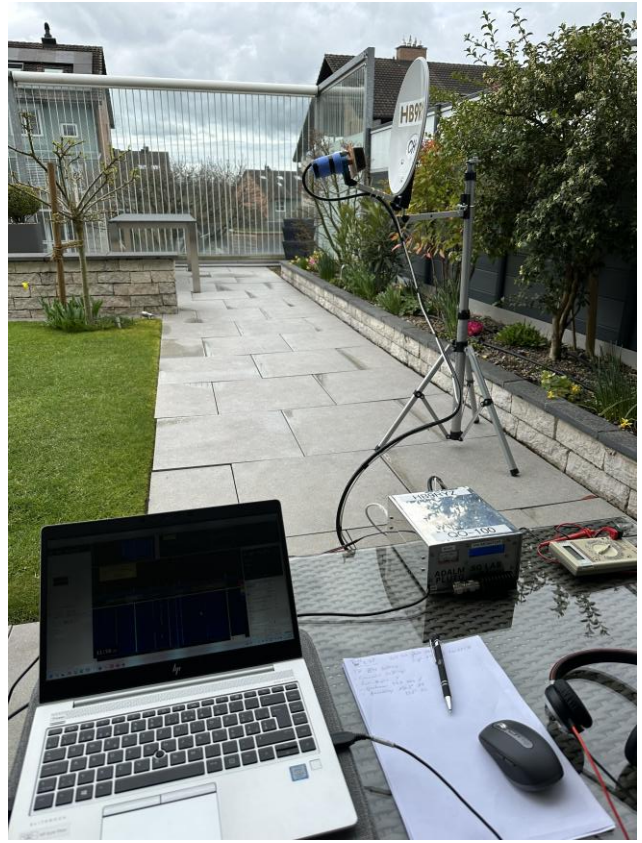
65cm Dish

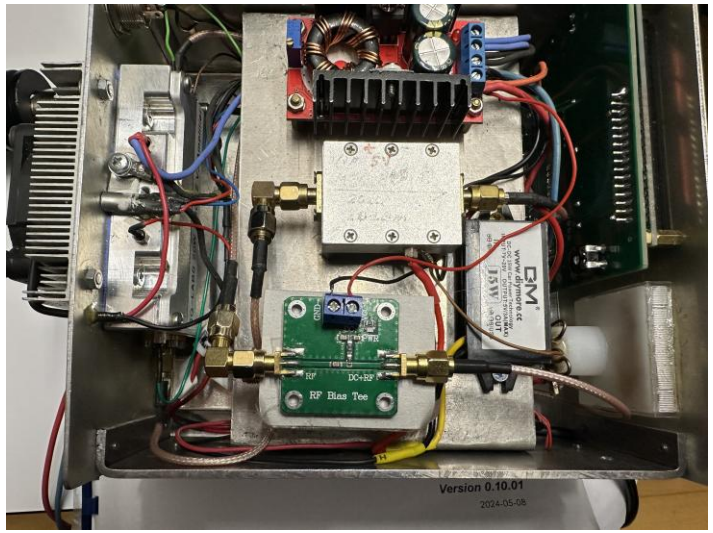
Total 6.77kg

HB9RYZ www.hb9ryz.ch
16.2.2025

QO-100 SAT Backup Equipment



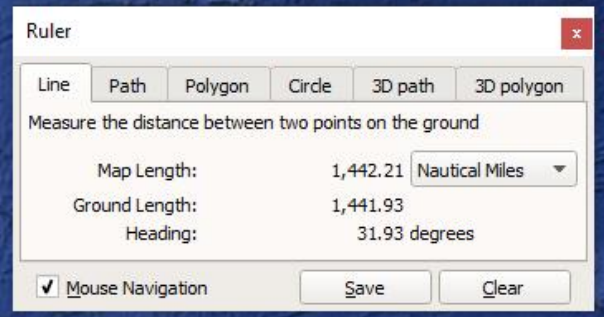




Vessel

- Icetugs from Iceland
- Extensive Arctic/Antarctica experience
  - Camp setup
  - Expeditions
  - Rescue
  - Tugging
  - Cargo
- 36 days duration, 3 weeks+ around
- Conservative speed, considering wx

- Departure 1 February 2026 Cape Town
- 36 days duration
- 13-15 days on the boat
- 21-23 days around the island
- 14 days on Bouvet Island (onshore), return to Cape Town



Helicopter – Ultimate Aviation Cape Town

About
Ultimate Air

Ultimate air specialises in cargo and passenger air transport in remote environments including combat zones, humanitarian aid areas and disaster relief sectors. With our extensive footprint we have the capabilities to deploy to

Verträge

3 separate contracts

- Vessel contract Icetugs
- Helicopter contract Ultimate Aviation
- Expedition support contract Arctic Yachts

- Financial agreement private group
- **Team agreement with each member**

3Y0K Bouvet Island
Team Agreement

11 Seiten

This agreement serves as a team agreement between the Delta Xray Group and the team members of the 3Y0K Bouvet Island DX-pedition.

1. Organization

Delta Xray Group (DX Group) is a registered not-for-profit voluntary organization in Norway, under number 932 001 772:

- The association is an independent legal entity with members. The fact that DX Group is a not-for-profit organization means that no one, either one of its members or anyone else, can have a claim on the organizations' fortune or assets, or is responsible for debts or other obligations.
- DX Group is organizing a DX-pedition to Bouvet Island in 2026, where the trip is planned to be carried out by its members in conjunction with a private group.
- All operators must be members of DX Group with an annual membership fee of $10.

The leadership group of the DX-pedition to Bouvet Island consists of:

Ken LA7GIA – team leader, Adrian KO8SCA co-leader, Allan EA3HSO co-leader, Cezar VE3LYC co-leader.

The leadership group will discuss, plan and make decisions together. Should there be disagreements, the team leader will have the final word. The team will consist of up to 24 persons, operators and support members, and there is a plan for setting up two camps with 12 persons in each camp.

2. DX-pedition Schedule

We are working on two options, either a vessel sailing from Cape Town or one sailing from Falkland Islands. The time window is between November 2025 and February 2026 (TBD).

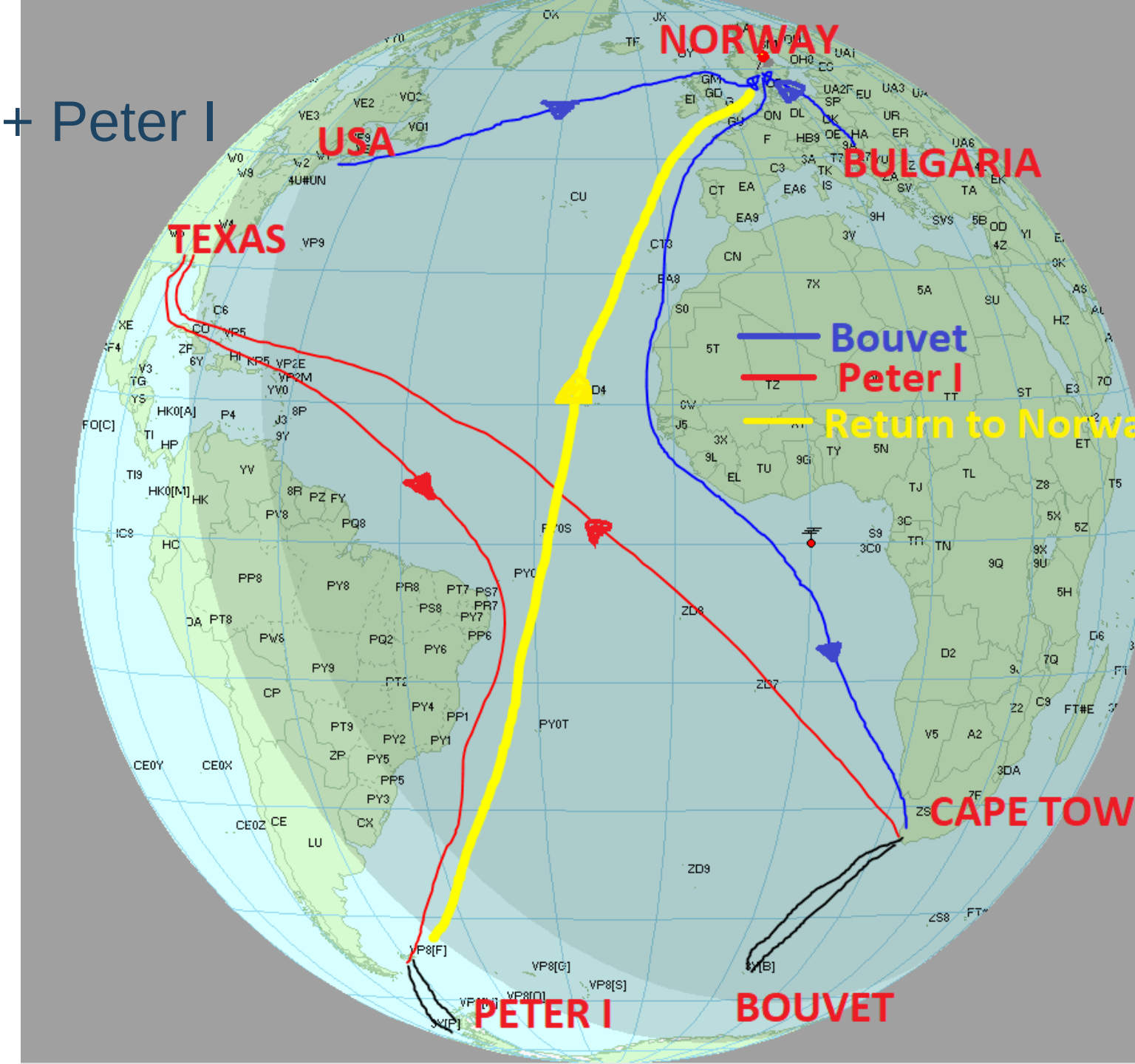
Tentative Bouvet Island DX-pedition Schedule (TBD):

- Overall duration: about 40 days
- Onshore Bouvet: 14 to 21 days
- Landing on Bouvet: by one helicopter
- Establish two camps: either both at Cape Fie, or one at Cape Fie and a second one on the plateau above Larsøya; to be determined based upon recon flight at arrival
- There will be no camping on the glacier
- Backup plan: a group of six people selected by the leadership group to go onshore by dinghy, to set up a small camp until the weather conditions allow for the helicopter deployment
- Upon return: unload and store equipment in Punta Arenas, to be potentially used for Peter I project scheduled for 2027

Each operator understands that by signing this agreement he must participate in all phases of the project,

Overall logistic plan Bouvet + Peter I

- Total cost 3.347 Mio. CHF (5 x 3Y0J)
- Equipment, cost and workload shared between Bouvet and Peter I
- Reuse equipment to the extent possible at Peter I
- Container will be shipped from Oslo Oktober 2025 to Cape Town
- Container to return to Norway May 2027 after completing Peter I
- Container will be shipped to Texas for resupplies “Peter I resupply mission”
- Inspection, cleaning, repair, exchange, testing, and resupplies for Peter I



Safety and Emergency preparedness

1. **Location and Terrain**: The camp will be set up in a location that is safe and accessible. The terrain wil be stable and free from potential hazards such as avalanches, rockfalls – no camping on the glacier
2. **Weather Conditions**: It's crucial to monitor and consider the weather conditions. The camp should be able to withstand extreme weather, including high winds, heavy snowfall, and low temperatures.
3. **Equipment and Supplies**: Ensure that all necessary equipment and supplies are available. This includes tents, sleeping bags, cooking equipment, food, water, and medical supplies.
4. **Communication**: Reliable communication systems are essential for safety and coordination. This will include satellite phones, VHF radios, and other communication devices (STARLINK)
5. **Safety and Emergency Plans**: We have a clear safety and emergency plan in place. This includes having first aid kits, plan for rationing of fuel, food, water and having a plan for evacuation
6. **Environmental Considerations**: Minimize the environmental impact of the camp. This includes proper waste disposal, avoiding damage to local flora and fauna, and following any NPI regulations and guidelines.
7. **Team Coordination**: Ensure that all team members are aware of their roles and responsibilities. Regular briefings and updates

Plan B & Safety

IF the helicopter fails, we have a plan B that will involve a small-scale operation of setting up a camp on the island and operate remote from the vessel. To note this is ONLY a backup plan IF the helicopter fails, there is no plan to allow remote operation for Plan A.

Plan B does NOT involve the entire team to go onshore, it will involve a small team to go onshore and install the radio/camp – the focus of those going onshore is thus not to operate but to keep the radio and antennas running – all radio operation will be done at the vessel.

The reason for this is that it is relatively dangerous bringing a lot of guys onshore with a lot of equipment – and not something we will attempt. We know an experienced team can setup a camp, but it is not feasible to bring 28 guys onshore in a dinghy.

SAFETY

Safety is a priority, and we have hired an expedition contractor to evacuate us from the island IF the helicopter fail. We will purchase equipment to conduct evacuation

Erstes Team-Meeting in Oslo – 30.4. – 5.5.2025

The meeting will focus on

- Tent installation
- Check interior of tents tables, operator positions, sleeping tent etc
- Check/inspect all ancillary items
- Open discussion
- Practice optimus burner, cooking routines
- WC procedures
- Generators (TBD)
- Pack and store equipment in container – Final packing/storage in mid-September (tentative dates September 11 to 14 (arrive 10 and depart 15)
- Test local Drytech food
- Create list of each item in each bag/box/drum!
- Team building! Socialize
- Team dinner!

Expedition support company Arctic Yacht will join us Day 1

LOGISTICS and CAMP BUILD UP

Some wise words from Ralph K0IR – **"you will have to adapt to mother nature and go onshore when mother nature allows you to do so".**

To succeed on Bouvet we must realize that the weather determines all and everything we do – we must make robust plans, and we must be able to adapt. The duration of the weather windows is unknown – the weather changes very quickly. ONLY bring what we need – it is not possible to bring a ton of useless stuff that we really don't need if we can find another solution.

We have a limited weather window, and we have a limited number of flights we can do before we have to abort. Let's make good plans!