# THE HORNSUND POLISH POLAR STATION SPITSBERGEN, SVALBARD

## **ACCESS AND INFRASTRUCTURE**

Svalbard, June, 2018



















### WINTERING CREW

- 1. Head of the Expedition
- 2. Meteorologists (3)
- 3. Environmental observers (3)
- 4. Geophysicist
- 5. IT specialist
- 6. Mechanic
- 7. Maintenance technician
- SUMMER CREW
- 1. Technicians
- 2. Cooks
- 3. Administrator



### Plan of the Station





# HOUSING INFRASTRUCTURE

The station can accomodate upto 20 visitors:

- Four 3-bed rooms;
- Two 4-bed rooms

### Wintering Crew single rooms







# HOUSING INFRASTRUCTURE





### Meteorology

### Atmospheric electricity

### lonosphere

### **Environmental monitoring**

## Glaciology

### Geomagnetism

### Seismology



# SCIENTIFIC INFRASTRUCTURE AND EQUIPMENT

CHEMICAL AND BIOLOGICAL LABORATORIES equipped with professional lab furniture, running water, a redestiller, refrigerators and freezers, a fume cupboard, an analytical scale and a lab dryer.





# SCIENTIFIC INFRASTRUCTURE AND EQUIPMENT

ION-CHROMATOGRAPHY DETECTOR

**DRILLING RIG** 





## WORKSHOP AND STORAGE AREA





## WORKSHOP AND STORAGE AREA





## WASTEWATER TREATMENT PLANT





## WASTE DISPOSAL EQUIPMENT

#### **INCINERATOR**



#### COMPACTOR





## TRANSPORT AND SAFETY EQUIPMENT

Transport and safety equipment available to visitors:

- boats;
- snowmobiles;
- Firearms;
- signal pistols;
- UKF radiophones.

### Hornsund Polish Polar Station Access and infrastructure

Dariusz Ianatiul



# TRANSPORT TO/FROM HORNSUND



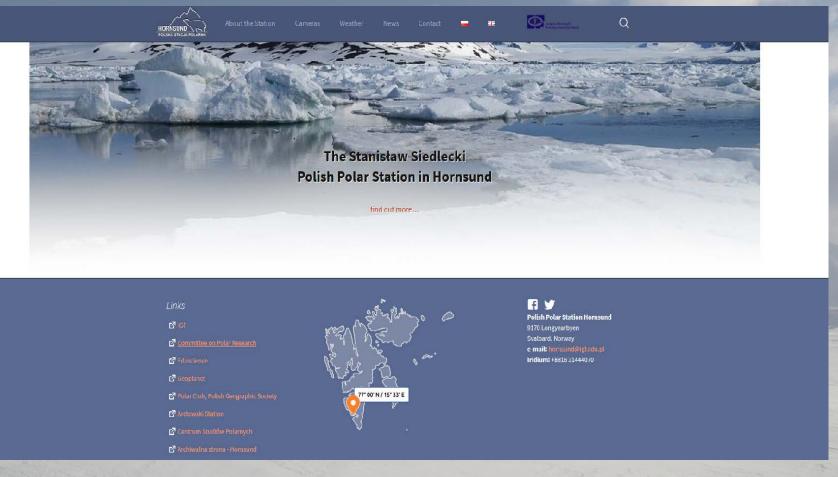


# TRANSPORT TO/FROM HORNSUND





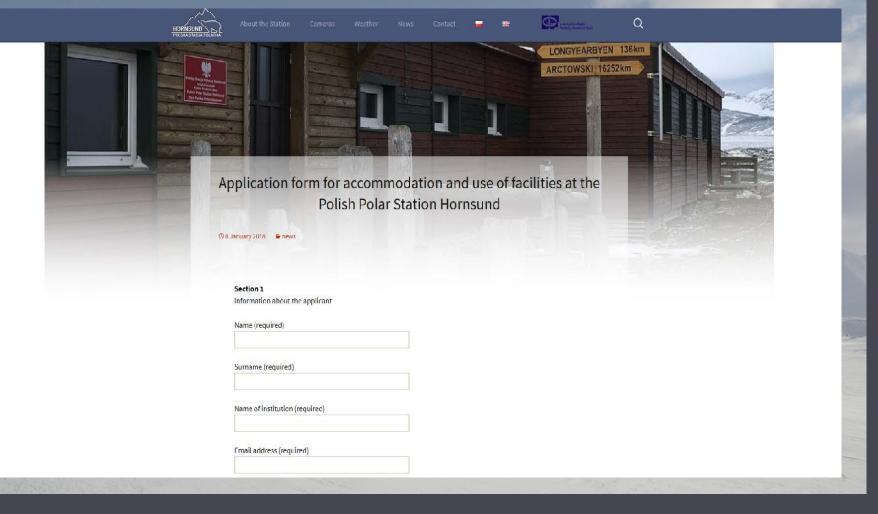








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### HORNSUND POLSKA STACJA POLARNA