



Czech Arctic Research Infrastructure

JOSEF SVOBODA STATION

JOSEF SVOBODA STATION in Svalbard consists of several facilities located in central Svalbard with easy access to Svalbard Airport (LYR). The infrastructure includes a base station in Longyearbyen and a field station in Petuniabukta, as well as a research vessel, motorboats, snow scooters and an off-road car providing logistic support.



JULIUS PAYER HOUSE

78.22°N, 15.66°E

The base station is located in Longyearbyen and provides housing for 10 people (up to 20 for short-term accommodation) with kitchen and bathroom (shower, washing and drier). There are two life science laboratories equipped with state-of-the-art optical microscopes, sterile space (laminar flow cabinet, dry heat and IR sterilizers), centrifuges, etc.

The JULIUS PAYER HOUSE also provides storage space, technical workshop with basic tools, and scuba diving equipment.

NOSTOC FIELD STATION

78.69°N, 16.46°E
(60 KM FROM LONGYEARBYEN)

The field station consists of four modular houses connected by a large tent. It accommodates up to 12 people and includes kitchen, laboratory, technical facility (energy generators, basic workshop tools), and scuba diving equipment. There are also two additional containers (residential and storage) close to Pyramiden harbour (78.66°N, 16.39°E, 6 km south of Nostoc) where up to 4 persons may be accommodated.



S/Y CLIONE

S/Y CLIONE is 50ft pilothouse motorsailer designed for high latitude sailing and strongly built of steel. She is fully equipped to accommodate 6 people for expeditions and up to 12 people for daily sailing.

SAFETY EQUIPMENT

The infrastructure is able to provide all necessary items for communication in the field (satellite phones, VHF radios, distress beacons), for polar bear defence (flare guns and rifles including ammunition), and survival suits for motorboat operations.

