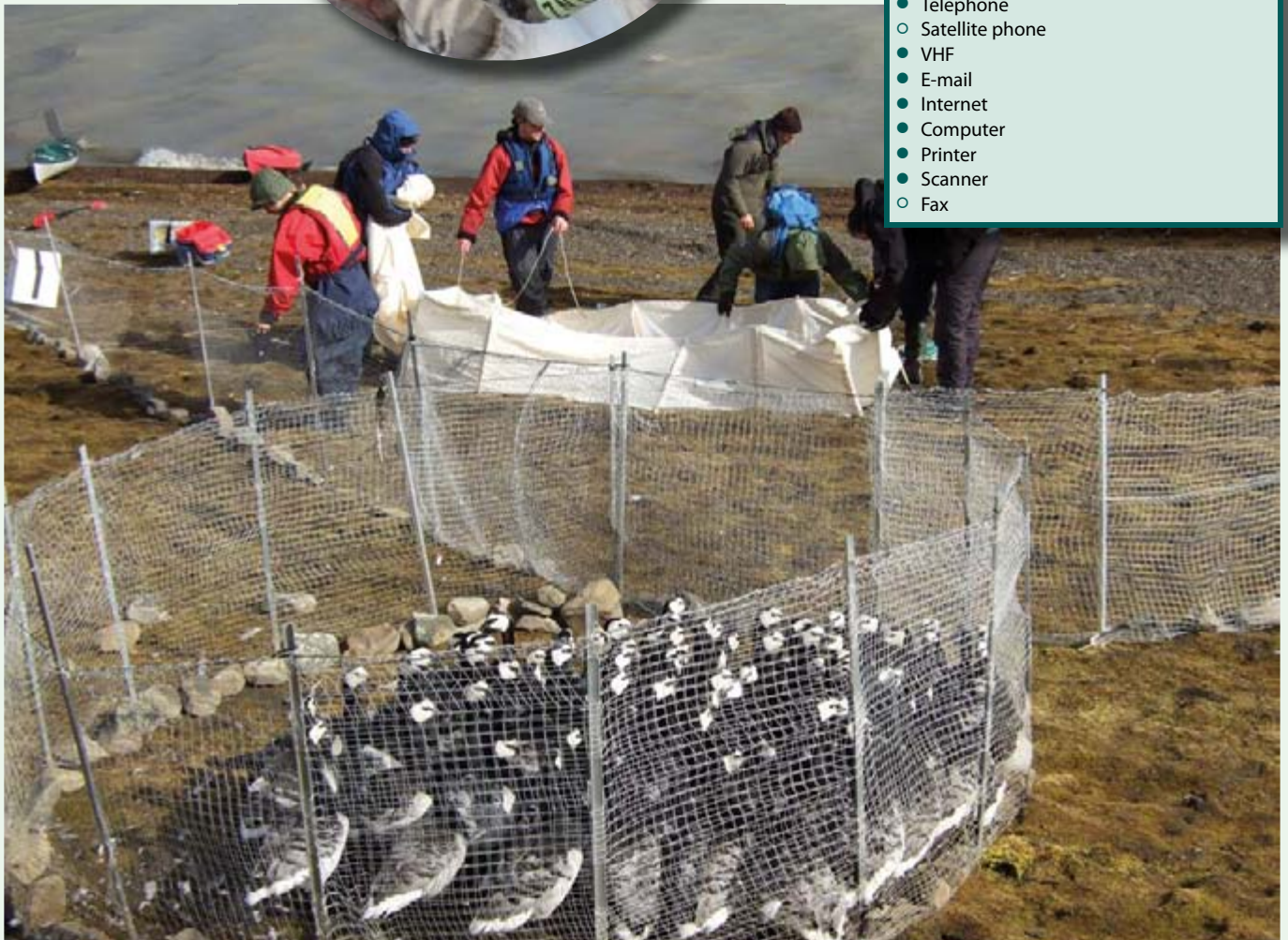




Category	Sub-Category	Netherlands Arctic Station
Website		www.arcticstation.nl
Country		Svalbard/The Netherlands
Opening year		1995
Operational period		Mid June to mid August
Permitting issues categories	Permits required for access to the station Permits required for studies Contact (permit issues)	Yes Yes m.j.j.e.loonen@rug.nl
Facility owner and manager	Name of the facility owner Owner status Institution responsible for managing the station Contact (access to station) Website (institution)	University of Groningen, Arctic Centre Private University of Groningen, Arctic Centre m.j.j.e.loonen@rug.nl www.rug.nl/arcticcentre
Other institutions	Name Country	– –
Location	Geographical coordinates Altitude of station Min. altitude within study area Max. altitude within study area Nearest town/settlement Distance to nearest town/settlement Map	78°55'32" N, 11°56'05" E 10 m a.s.l. 0 m a.s.l. 500 m a.s.l. Longyearbyen (2060 inhabitants) 115 km 1:100 000
Climate	Climate zone Permafrost Years measured Mean annual temperature Mean temperature in February Mean temperature in July Mean annual wind speed Max. wind speed Dominant wind direction Total annual precipitation Precipitation type Ice break up	High Arctic Continuous – -6 °C -14.6 °C 4.9 °C 4 m/s 21.6 m/s NW 400 mm Snow, rain Lakes: May/June; Sea: May
Station facilities	Area under roof Scientific laboratories Logistic Number of rooms (beds) Number of staff on station (peak/off season) Max. number of visitors at a time Showers Laundry facilities Power supply (type) Power supply	114 m ² 16 m ² 16 m ² 6 rooms (8 beds) 1/0 7 – – 220 V 24 hours per day
Scientific equipment	Specific device Scientific services offered	Very basic, blood sampling –
Medical facilities	Medical facilities Medical suite No. of staff with basic medical training or doctor Distance to hospital (estimated time) Compulsory safety equipment Recommended safety equipment	Basic – – 115 km Weapon, VHF radio, survival kit –
Landing facilities	Airstrip (Length × Width) Airstrip surface Helipad Ship landing facilities	800 × 50 m Gravel Yes Port, landing wharf, pier, pontoon
Vehicles at station	Sea transportation Land transportation	Aluminium small boats Bicycle
Transport and freight	Transport to station Number of ship visits per year (period) Number of flight visits per year (period)	Plane Freight once per summer month, tourist cruiseships daily (May to November) 2 per week all year (year-round)



Features within study area	
<input checked="" type="radio"/>	Ice cap or glacier
<input checked="" type="radio"/>	Permanent snowpatches
<input checked="" type="radio"/>	Mountain
<input checked="" type="radio"/>	Valley
<input checked="" type="radio"/>	Shoreline
<input checked="" type="radio"/>	Tundra
<input type="radio"/>	Tree line
<input checked="" type="radio"/>	Other (Bird cliffs and small islands)
Main science disciplines	
<input checked="" type="radio"/>	Anthropology, Sociology, Archaeology
<input type="radio"/>	Astrophysics
<input type="radio"/>	Atmospheric chemistry and physics
<input type="radio"/>	Isotopic chemistry
<input checked="" type="radio"/>	Climatology, Climate Change
<input checked="" type="radio"/>	Environmental sciences, Pollution
<input checked="" type="radio"/>	Geodesy
<input type="radio"/>	Geology, Sedimentology
<input type="radio"/>	Geophysics
<input type="radio"/>	Glaciology
<input type="radio"/>	Geocryology, Geomorphology
<input type="radio"/>	Soil science
<input type="radio"/>	Human biology, Medicine
<input checked="" type="radio"/>	Mapping, GIS
<input checked="" type="radio"/>	Marine biology
<input type="radio"/>	Oceanography, Fishery
<input type="radio"/>	Microbiology
<input type="radio"/>	Hydrology
<input checked="" type="radio"/>	Terrestrial biology, Ecology
<input type="radio"/>	Paleolimnology
<input type="radio"/>	Paleoecology
<input checked="" type="radio"/>	Limnology
Workshop facilities	
<input type="radio"/>	Metal workshop
<input type="radio"/>	Wood workshop
<input type="radio"/>	Plexiglas workshop
<input type="radio"/>	Staff available to assist with constructions
Communication	
<input checked="" type="radio"/>	Telephone
<input type="radio"/>	Satellite phone
<input checked="" type="radio"/>	VHF
<input checked="" type="radio"/>	E-mail
<input checked="" type="radio"/>	Internet
<input checked="" type="radio"/>	Computer
<input checked="" type="radio"/>	Printer
<input checked="" type="radio"/>	Scanner
<input type="radio"/>	Fax