Danish Geodata Agency



WHO ELSE SHOULD I CONTACT

- when I want to carry out a mining project in Greenland?

When establishing a mine in Greenland the production of nautical charts is just a small part of a larger process. For further information about the remaining parts of the process, please contact the Greenlandic Mineral Resources Authority at mlsa@nanoq.gl.

WHO IS THE DANISH GEODATA AGENCY?

DGA is the Danish Hydrographic Office and have the exclusive rights to charting the Danish and Greenlandic waters, as well as selling and distributing products and data for these waters.

This means that DGA produces the official nautical charts for Greenland, and that DGA holds the copyright to its products and data, therefore commercial use can only be done with permission from DGA.

Danish Geodata Agency

Lindholm Brygge 31
9400 Nørresundby
www.gst.dk
SOE@gst.dk

HOW DO I HAVE NAUTICAL CHARTS PRODUCED FOR A MINING PROJECT IN GREENLAND?

WHY SHOULD I CONTACT THE DANISH GEODATA AGENCY?

You should contact the Danish Geodata Agency, DGA, if you wish nautical charts produced for a mining project in Greenland. DGA holds copyrights to all its products and data and is by law the sole producer of official nautical charts in Greenland. This is a guide on how to get the correct nautical charts produced for a mining project in Greenland.

WHAT SHOULD I DO BEFORE CONTACTING THE DANISH GEODATA AGENCY?

Before you contact DGA to request the production of nautical charts, please investigate whether there already exists nautical charts of the area in Greenland that you can use for your mining project. You will find an overview of DGA's Greenlandic nautical charts on eng.gst.dk and our electronic charts through IC-ENC at ic-enc.org/our-coverage. If the necessary nautical charts for the area do not exist, you may then contact DGA.

WHEN SHOULD I CONTACT THE DANISH GEODATA AGENCY?

DGA should be contacted early in the process when you wish to establish a mining project in Greenland, as there may be a need or requirement for specific nautical charting in connection with a possible permission to extraction.

Early involvement of DGA ensures that we can provide better assistance throughout the process, which will enable us to create the nautical charts that meet your requirements.

Early collaboration with DGA can help avoid unnecessary work processes.

At the following link, you can read more about how to apply for permission for hydrographic surveying: Application for permission to conduct a maritime survey.

The application must be sent to:
soeopmaalingstilladelser@gst.dk.

For instance, marine surveys must adhere to specific standards before their data can be utilized for the production of nautical charts. Furthermore, early collaboration would enable DGA to coordinate the production of the desired nautical charts with our ongoing production. Creating new nautical charts is a time-consuming process that can take several years.

In connection with hydrographic surveying in Greenland, it is also necessary to carry out water-level observations over an extended period.

The water-level measurements must be referenced to GNSS, both horizontally and vertically.

The collected data are used to apply water-level corrections to the measured depths, ensuring that the resulting depths represent the actual water depth relative to a fixed vertical reference surface known as Chart Datum, defined as Lowest Astronomical Tide (LAT).

INFORMATION REQUIRED BY THE DANISH GEODATA AGENCY?

- Description of the project
- Navigational conditions (how the area is expected to be navigated, the types of vessels expected to operate in the area, vessel draughts, etc.).
- The defined area in Greenland where the project is to be carried out
- Company name
- Company address
- Contact person, including phone number and email
- List of other external business partners and companies, such as consulting companies, surveying companies, or similar
- Desired characteristics of the nautical charts, for example:
  - Where there is a need to construct a landing/harbour and anticipated sailing routes (both inside and outside the mining area).
  - The geographic extent where there should be nautical chart coverage, specified in a defined longitude coordinate system (e.g., Mercator) and with datum WGS-84 or GR96
  - Format – paper charts and/or electronic charts
  - Desired scale – 1:4.000, 1:8.000, 1:12.000, and/or 1:22.000

Please forward the information via email to DGA using the email address SOE@gst.dk.

WHAT HAPPENS AFTER CONTACTING THE DANISH GEODATA AGENCY?

Once you have contacted DGA with the required information our coordinator will invite you to a meeting to determine further collaboration. At the meeting, we will discuss the initial information you have submitted, and present a more detailed specification of the data you need to provide to DGA for the production of the nautical charts.

WHAT IS THE PRICE FOR PRODUCING THE DESIRED NAUTICAL CHARTS?

The cost of DGA's production of the requested nautical charts for the mining project is calculated on a time-based approach. Hence, a fixed price cannot be offered for this service.
The price will be determined following an individual assessment of the specific case.

HOW LONG DOES IT TAKE TO PRODUCE THE DESIRED NAUTICAL CHARTS?

The timeline for the completion of the requested nautical charts by DGA can first be established following initial discussions.

ANY QUESTIONS

Contact:
SOE@gst.dk

