

Project:

LONGYEARBYEN FLOATING TERMINAL

LOCATION:

Spitsbergen, Longyearbyen

YEAR:

2013 -2018

CLIENT:

Longyearbyen Lokaltstyre, Kystverket

SCOPE/PHASE:

Concept development, Pre-Feed, FEED

PROJECT RESPONSIBLE:

Rune Jerstad (rje@olavolsen.no)



PROJECT DESCRIPTION:

Development and increase of the Longyearbyen port capacity.

A 120 m x 35 m floating concrete compartment structure of 9 m total height will be constructed at the mainland and towed to Longyearbyen for mooring, installation of a 70m land access bridge and completion of two separate buildings on the quay deck.

The port functions comprises 300 m length of quay in addition to a marina, Cargo handling and storage facilities under and on deck, considerable office and commercial area in the two buildings on the quay deck.

Dr.techn.Olav Olsen has managed the project team and performed structural design of the quay including the mooring systems and the access bridge for governing loads from ice, ships, wind and waves for the transportation phase and the operation phase.

