Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2015C5
IMEI: 300234061369130
Buoy type: Calib
Buoy owner: University of Hamburg

Deployment information

Date and Time (UTC): 10.02.2015 16:38
Position (Lat/Lon): 82.34608/18.97807
Region: Fram Strait
Contact:
Polona Itkin (NPI)
Expedition name: N-ICE 2015
Means of deployment: Ship - gangway

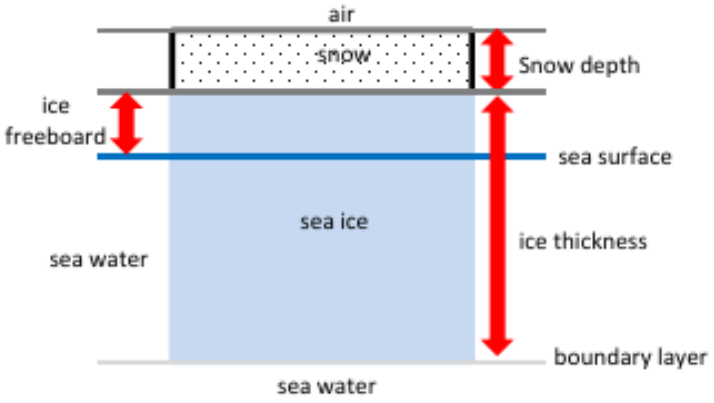
Snow and ice conditions

Snow depth: 0.58 m
Ice thickness: 1.29 m
Ice freeboard: -0.02 m
Ice types:
no specification

Buoy-specific parameters

Sensor press stop: 2015-03-18 23:00 UTC
Sensor temp stop: 2015-03-18 23:00 UTC
Sensor gps stop: 2015-03-18 23:00 UTC





Additional information *(comments, weather, topography, ice floe size, etc.)*

level ice floe, 200 x 200 m, close to an active lead (about 200 m away N and NE, 200 m wide, separated to the floe with a ridge). Extensive snow dunes that cover all small ridges. Borders to other ice floes are not obvious. Before deployment sea ice was drilled at the corners of a triangle ABC with sides 15 m long. Snow depth has been measured every 1m along the sides of the triangle. Some of the snow depth measurements were not taken due to too hard ice crust. There were 3 to 2 hard icy crusts at about 20, 40 and 50 cm depth. The hull of the buoy was digged in, antenna still over the surface. Deployment finnished at 14:00.