Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2015S28
IMEI: 300234062426150
Buoy type: Snow Buoy
Buoy owner: University of Hamburg

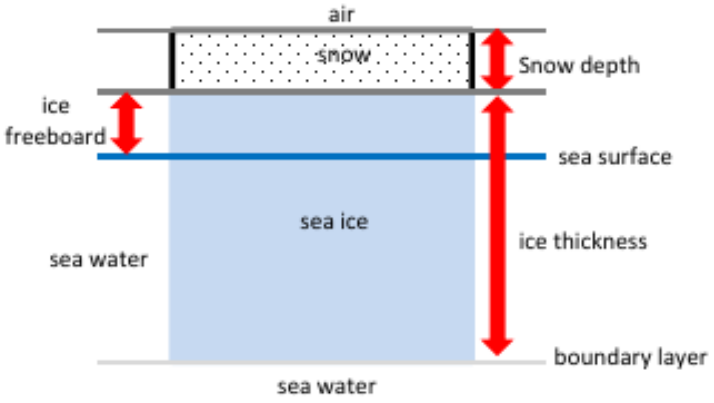
Deployment information

Date and Time (UTC): 21.04.2015 14:39
Position (Lat/Lon): 83.00590/16.07460
Region: Fram Strait
Contact:
Jennifer King (NPI)
Polona Itkin (NPI)
Expedition name: N-ICE 2015
Means of deployment: Ship - gangway



Snow and ice conditions

Snow depth: 0.39 m
Ice thickness: 1.34 m
Ice freeboard: 0.01 m
Ice types:
no specification



Buoy-specific parameters

Initial sh1: 0.426 m
Initial sh2: 0.296 m
Initial sh3: 0.31 m
Initial sh4: 0.386 m
Temp correction: off
Sensor temp stop: 2015-06-11 13:01 UTC
Sensor press stop: 2015-06-11 13:01 UTC
Sensor sh4 stop: 2015-06-11 06:00 UTC
Sensor sh3 stop: 2015-06-11 06:00 UTC
Sensor sh2 stop: 2015-06-11 06:00 UTC
Sensor sh1 stop: 2015-06-11 06:00 UTC
Sensor gps stop: 2015-06-11 13:01 UTC

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

ice floe 500x500 m, lots of cracks. All leads at the edges closed. Sunny and no wind.
Planned to deploy together with an IMB, but the IMB was broken. Still the typical ABC triangle was made.
Detailed measurements for Snow thickness under sensors:
Sensor 1: 0.41/0.39/0.41/0.47/0.45
Sensor 2: 0.28/0.28/0.29/0.31/0.32
Sensor 3: 0.3/0.33/0.31/0.31/0.3
Sensor 4: 0.39/0.41/0.41/0.36/0.36