Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2013S3
IMEI: 300234011696880
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

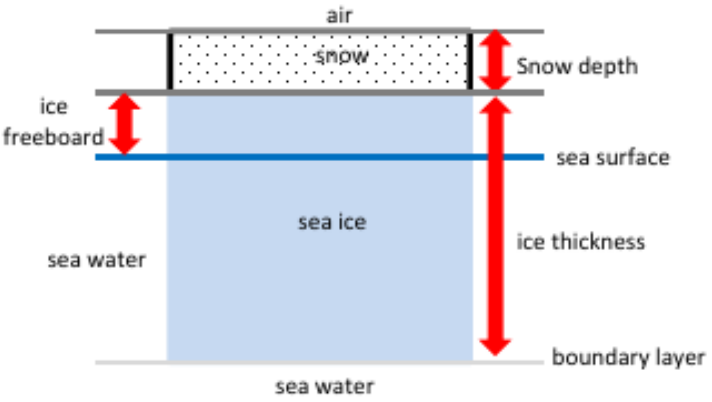


Deployment information

Date and Time (UTC): 09.04.2013 18:00
Position (Lat/Lon): 89.53800/-106.77120
Region: North Pole (Barneo camp)
Contact:
Marius Bratrein (NPI)
Mats Granskog (NPI)
Expedition name: Barneo ice camp 2013
Means of deployment: Snow mobile

Snow and ice conditions

Snow depth:
Ice thickness: 1.26 m
Ice freeboard:
Ice types:
Level Ice



Buoy-specific parameters

Initial sh1: 0.047 m
Initial sh2: 0.034 m
Initial sh3: 0.074 m
Initial sh4: 0.055 m
Sensor gps stop: 2013-06-13 11:01 UTC
Sensor temp stop: 2013-06-13 11:01 UTC
Sensor press stop: 2013-06-13 11:01 UTC
Sensor sh4 stop: 2013-05-09 01:00 UTC
Sensor sh1 stop: 2013-05-09 01:00 UTC
Temp correction: on
Sensor sh3 stop: 2013-05-09 01:00 UTC
Sensor sh2 stop: 2013-05-09 01:00 UTC

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

Former name NP_S_001
No data available for initial freeboard, initial snow depth, initial ice thickness is only an average.
Detailed measurements for Snow thickness under sensors:
Sensor 1: 0.035/0.05/0.04/0.04/0.07
Sensor 2: 0.035/0.035/0.03/0.03/0.04
Sensor 3: 0.06/0.07/0.08/0.08/0.08
Sensor 4: 0.05/0.05/0.055/0.055/0.065