Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2014S24
IMEI: 300234011691901
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 07.03.2014 13:21
Position (Lat/Lon): -70.68800/-8.27160
Region: Neumayer III
Contact:
Elena Stautzebach (AWI)
Expedition name: AFIN 2014
Means of deployment: stationary time series

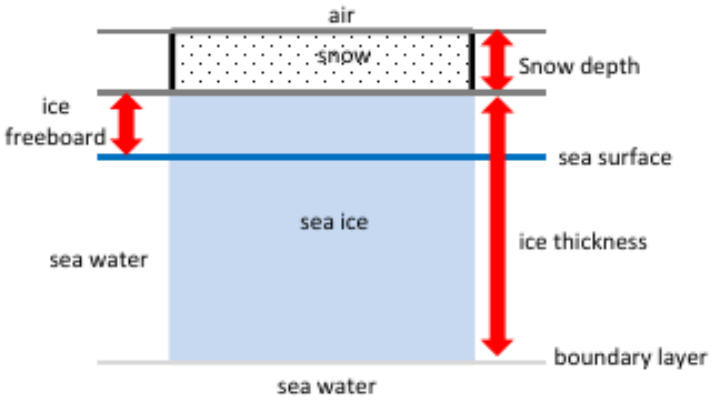
Snow and ice conditions

Snow depth:
Ice thickness:
Ice freeboard:
Ice types:
Shelf Ice

Buoy-specific parameters

Temp correction: on
Sensor temp stop: 2014-05-16 17:04 UTC
Sensor press stop: 2014-05-16 17:04 UTC
Sensor sh4 stop: 2014-03-08 11:01 UTC
Sensor sh3 stop: 2014-03-08 10:01 UTC
Sensor sh2 stop: 2014-03-07 20:00 UTC
Sensor sh1 stop: 2014-05-16 16:03 UTC
Sensor gps stop: 2014-05-16 17:04 UTC





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

This deployment is for testing purposes only. As the buoy is located on an ice shelf (with deep snow cover), a documentation of the ice conditions does not apply. In addition, this buoy is potentially ramped up every few month due to high snow accumulation. It is buoy 2013S1 (300234011691900) with failure of three snow height sensors, retrieved, repaired and redeployed on 07 March 2014. Shortly afterwards, 3 of the 4 snow pingers again stopped sending data. At the time of writing, the buoy is retrieved and checked for malfunctions. Former name NM_S_002 or 2013S1b. Snow under sensors 1.46, 1.48, 1.45, 1.44.
Note: The data set from this buoy does not show snow depth, but only relative changes.