Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2016S37
IMEI: 300234062789460
WMO number: 7100752
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 18.01.2016 11:25
Position (Lat/Lon): -75.14140/-36.60260
Region: Weddell Sea
Contact:
Leonard Rossmann (AWI)
Stefanie Arndt (AWI)
Expedition name: PS96-ANT31/2
Means of deployment: Helicopter

Snow and ice conditions

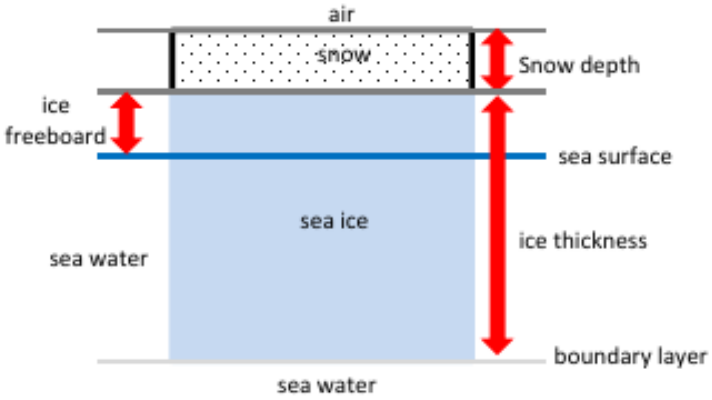
Snow depth: 0.11 m
Ice thickness: 1.99 m
Ice freeboard: 0.15 m
Ice types:
MYI (Multi Year Ice)

Buoy-specific parameters

Initial sh4: 0.1 m
Temp correction: off
Sensor gps stop: 2016-12-24 00:03 UTC
Sensor temp stop: 2016-12-24 00:03 UTC
Sensor press stop: 2016-12-24 00:03 UTC
Sensor sh3 stop: 2016-12-23 05:00 UTC
Sensor sh2 stop: 2016-12-23 07:02 UTC
Sensor sh1 stop: 2016-12-23 12:03 UTC
Initial sh3: 0.11 m
Initial sh2: 0.11 m
Initial sh1: 0.11 m
Sensor sh4 stop: 2016-12-23 05:00 UTC



Photo credits:



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

Deployed along with 2016T42 and as the center point of the drift array with 2016P18, 2016P20, 2016P28 (iSVP2 fromPetra Heil)
Floe description: diameter bigger than 1km, 40-50 percent ridges with an height of 2-3 meters, deployment in the center of the floe, cold old weatherd snow (4 cm compacted crust)
Weather: sunny with high clouds