# Buoy Deployment Report

seaiceportal.de

## Buoy information

*Buoy name:* 2016S38
*IMEI:* 300234062783480
*WMO number:* 7100751
*Buoy type:* Snow Buoy
*Buoy owner:* Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

## Deployment information

*Date and Time (UTC):* 15.01.2016 12:10
*Position (Lat/Lon):* -76.54878/-46.93963
*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:* 0.1 m
*Ice thickness:* 2.32 m
*Ice freeboard:* 0.22 m
*Ice types:*
MYI (Multi Year Ice)

## Buoy-specific parameters

*Initial sh2:* 0.11 m
*Initial sh3:* 0.1 m
*Initial sh4:* 0.09 m
*Temp correction:* off
*Sensor gps stop:* 2017-05-08 13:00 UTC
*Sensor temp stop:* 2017-05-08 09:00 UTC
*Sensor press stop:* 2017-05-08 13:00 UTC
*Sensor sh4 stop:* 2017-05-08 03:00 UTC
*Sensor sh3 stop:* 2017-05-08 01:00 UTC
*Sensor sh2 stop:* 2017-05-08 04:00 UTC
*Sensor sh1 stop:* 2017-05-08 03:00 UTC
*Initial sh1:* 0.1 m

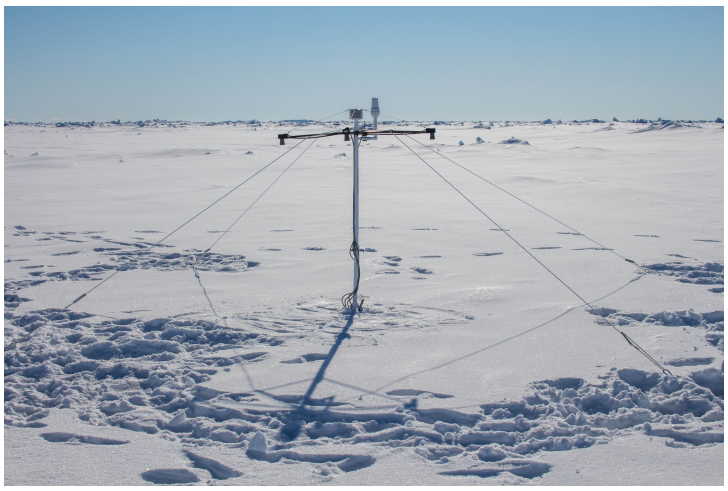
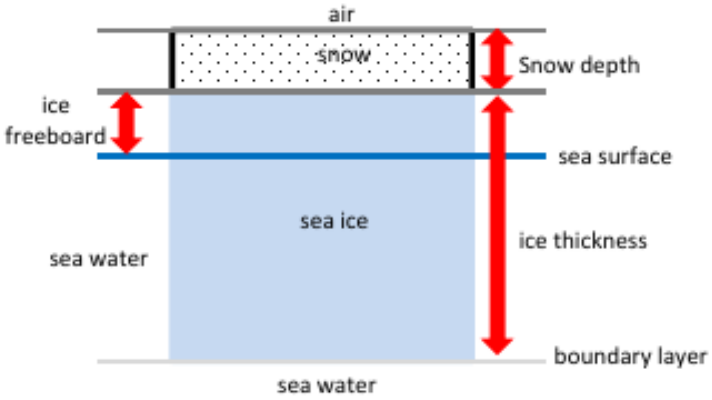


*Photo credits:*




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

Deployed along with 2016T37 and 2016A3 (former W01) (British Antarctic Survey), 2016T36 is deployed in 10nm range
Floe description: diameter bigger than 1km, 30 percent ridges with an height of 2-3 meters, deployment in the center of the floe, old weatherd snow
Weather: clear sky and windy