Buoy Deployment Report

seaiceportal.de

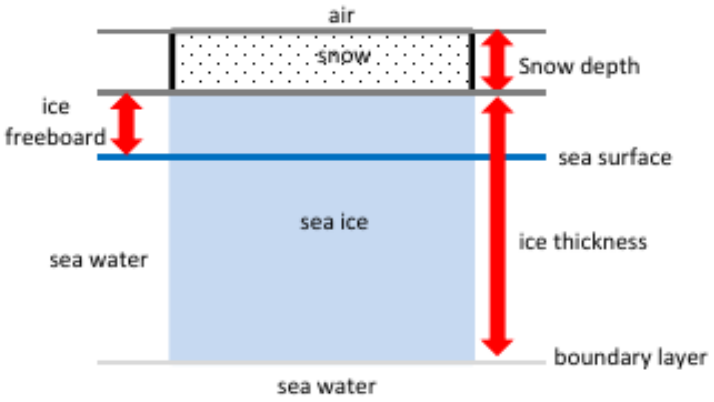
Buoy information

Buoy name: 2017S47
IMEI: 300234064016010
WMO number: 7100759
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research



Deployment information

Date and Time (UTC): 10.01.2017 12:55
Position (Lat/Lon): -71.37068/-13.97976
Region: Weddell Sea
Contact:
Mathias van Caspel (AWI)
Stefanie Arndt (AWI)
Expedition name: PS103-ANT32/2
Means of deployment: Helicopter



Snow and ice conditions

Snow depth: 0.06 m
Ice thickness: 0.39 m
Ice freeboard: 0.03 m
Ice types:
FYI (First Year Ice)

Buoy-specific parameters

Initial sh1: 0.06 m
Initial sh2: 0.03 m
Initial sh3: 0.03 m
Initial sh4: 0.03 m
Temp correction: off
Sensor gps stop: 2017-01-11 08:01 UTC
Sensor temp stop: 2017-01-11 08:01 UTC
Sensor press stop: 2017-01-11 08:01 UTC
Sensor sh4 stop: 2017-01-10 18:00 UTC
Sensor sh3 stop: 2017-01-10 18:00 UTC
Sensor sh2 stop: 2017-01-10 18:00 UTC
Sensor sh1 stop: 2017-01-10 19:00 UTC

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

Deployed along with 2017M5 and as the center point of the drift array with 2017P25, 2017P26 and 2017P27
Floe description: size about 800m-by-1000m, 10-20 percent ridges, partly visible surface flooding
Weather: sunny, no wind