Buoy Deployment Report

seaiceportal.de

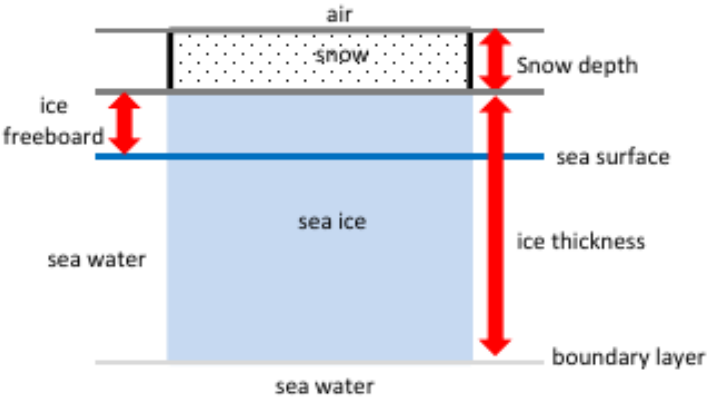
Buoy information

Buoy name: 2018S58
IMEI: 300234065079570
WMO number: 7101552
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research



Deployment information

Date and Time (UTC): 19.02.2018 12:05
Position (Lat/Lon): -77.84102/-37.30722
Region: Weddell Sea
Contact:
Stefanie Arndt (AWI)
Expedition name: PS111_ANT
Means of deployment: Helicopter



Snow and ice conditions

Snow depth: 0.18 m
Ice thickness: 0.99 m
Ice freeboard: 0.02 m
Ice types:
FYI (First Year Ice)

Buoy-specific parameters

Temp correction: off
Initial sh1: 0.21 m
Initial sh2: 0.11 m
Initial sh3: 0.17 m
Initial sh4: 0.22 m
Sensor gps stop: 2018-06-10 10:00 UTC
Sensor temp stop: 2018-06-10 10:00 UTC
Sensor press stop: 2018-06-10 10:00 UTC
Sensor sh4 stop: 2018-06-10 10:00 UTC
Sensor sh3 stop: 2018-06-10 10:00 UTC
Sensor sh2 stop: 2018-06-10 10:00 UTC
Sensor sh1 stop: 2018-06-10 10:00 UTC

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

Floe description: diameter 0.5km, 0-10 percent ridges with an height of 2-3 meters, deployment in the center of the floe, strongly compacted/metamorphous snowpack, weather: cloud-covered, windy
Co-deployed with 2018M13