Buoy Deployment Report

seaiceportal.de

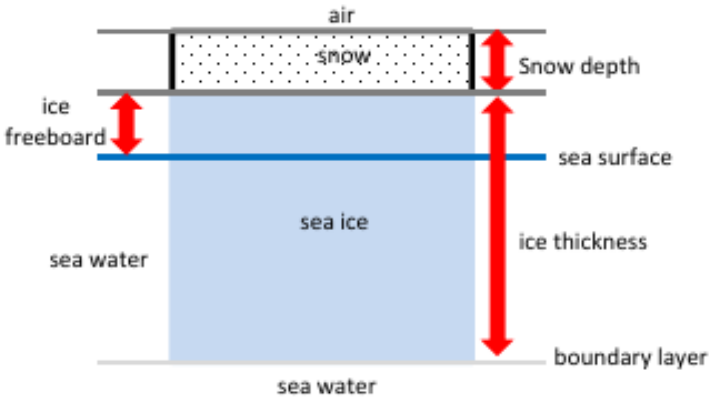
Buoy information

Buoy name: 2018P67
IMEI: 300234065800000
WMO number: 6301501
Buoy type: Surface Velocity Profiler (iSVP)
Buoy owner: National Oceanic and Atmospheric Administration



Deployment information

Date and Time (UTC): 22.09.2018 00:35
Position (Lat/Lon): 82.18000/134.49500
Region: Arctic Ocean, north of Laptev Sea
Contact:
Gunnar Spreen (UniBremen)
Expedition name: PS115.2
Means of deployment: Ship - mummy



Snow and ice conditions

Snow depth: 0.09 m
Ice thickness: 0.78 m
Ice freeboard: 0.06 m
Ice types:
SYI (Second Year Ice)

Buoy-specific parameters

Sensor gps stop: 2019-08-26 06:00 UTC
Sensor temp stop: 2018-08-11 01:59 UTC
Sensor press stop: 2019-08-26 06:00 UTC

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

floe size approx. 150m x 70m, thinner ice at deployment site but some ridges on the floe, good visibility with some low clouds, air temperature: -4.3C, water temperature: -1.7C, pressure: 1012 hPa, humidity: 94 percent, wind speed 1.7 m/s, wind direction: 116 degree, visibility 73 km, ceiling 4200 ft