Buoy Deployment Report

seaiceportal.de

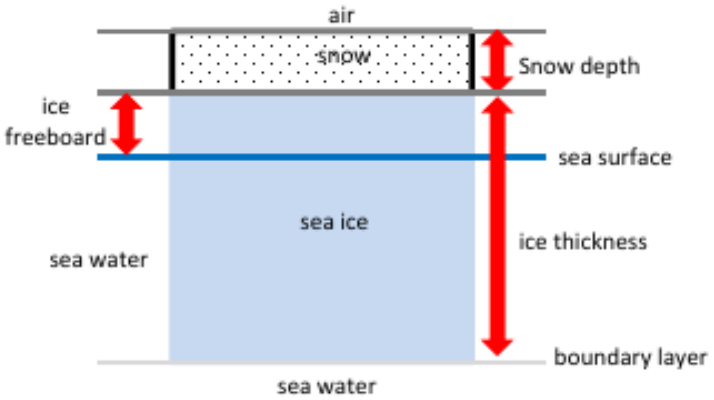
Buoy information

Buoy name: 2018P71
IMEI: 300234065801040
WMO number: 6301505
Buoy type: Surface Velocity Profiler (iSVP)
Buoy owner: National Oceanic and Atmospheric Administration



Deployment information

Date and Time (UTC): 22.09.2018 09:17
Position (Lat/Lon): 82.41800/140.08400
Region:
Contact:
Gunnar Spreen (UniBremen)
Expedition name: PS115.2
Means of deployment: Helicopter



Snow and ice conditions

Snow depth: 0.07 m
Ice thickness: 3.58 m
Ice freeboard: 0.63 m
Ice types:
SYI (Second Year Ice)

Buoy-specific parameters

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

deformed ice, with an approx. 2 m high ridge, on one side some frozen over melt ponds, floe size approx. 100m x 200m, cloudy sky, meteorological data from Polarstern about 3 km away:
air temperature: -3.6C, water temperature: -1.7C, pressure: 1012 hPa, humidity: 92 percent, wind speed 4.4m/s, wind direction: 113 degree, visibility 71 km, ceiling 690 ft