Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2018S85
IMEI: 300234065629491
WMO number: 6301594
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

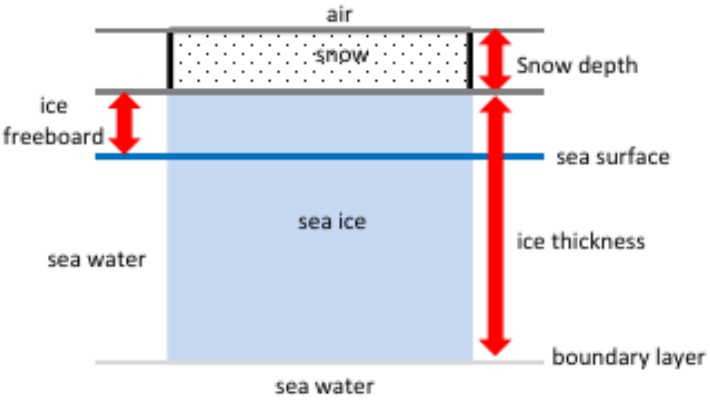


Deployment information

Date and Time (UTC): 17.09.2018 16:30
Position (Lat/Lon): 85.18291/20.41136
Region: Central Arctic/North Pole
Contact:
Mario Hoppmann (AWI)
Expedition name: Oden_AO18
Means of deployment: Helicopter

Snow and ice conditions

Snow depth: 0.1 m
Ice thickness: 1.51 m
Ice freeboard: 0.04 m
Ice types:
MYI (Multi Year Ice)



Buoy-specific parameters

Temp correction: off
Initial sh4: 0.1 m
Initial sh3: 0.06 m
Initial sh2: 0.07 m
Sensor sh1 stop: 2018-12-10 11:00 UTC
Sensor sh2 stop: 2018-12-11 08:00 UTC
Sensor sh3 stop: 2018-12-13 11:02 UTC
Sensor sh4 stop: 2018-12-09 16:00 UTC
Sensor press stop: 2018-12-13 11:02 UTC
Sensor temp stop: 2018-12-13 11:02 UTC
Sensor gps stop: 2018-12-13 11:02 UTC
Initial sh1: 0.1 m

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

Co-deployed with Bruncin IMBflex 2018M17
Buoy (formerly 2018S67) suffered polar bear damage during first deployment on Oden main ice floe, but was then repaired and re-deployed as 2018S85 on transit back.