Buoy Deployment Report

seaiceportal.de

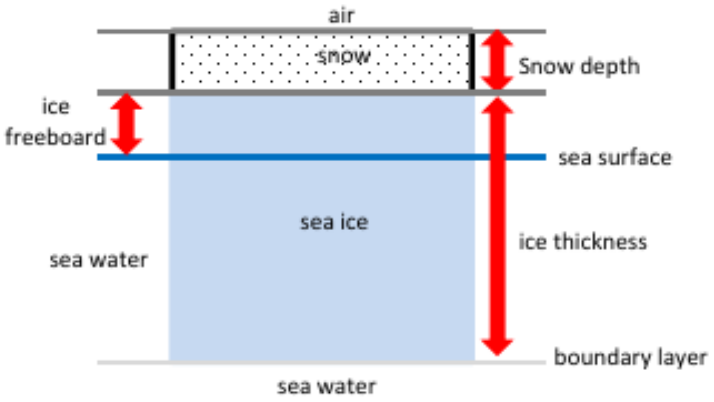
Buoy information

Buoy name: 2018S78
IMEI: 300234066348820
WMO number: 2501653
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research



Deployment information

Date and Time (UTC): 16.09.2018 00:00
Position (Lat/Lon): 80.44022/161.92585
Region: East Siberian Sea
Contact:
Benjamin Rabe (AWI)
Jakob Belter (AWI)
Miriam Hansen (CAU)
Myriel Vredenborg (AWI)
Sandra Tippenhauer (AWI)
Simon Hummel (AWI)
Expedition name: TRANSDRIFT XXIV (TICE)
Means of deployment: Ship - mummy



Snow and ice conditions

Snow depth: 0.004 m
Ice thickness: 1.82 m
Ice freeboard: 0.25 m
Ice types:
MYI (Multi Year Ice)

Buoy-specific parameters

Temp correction: off
Initial sh4: 0 m
Initial sh3: 0 m
Sensor sh1 stop: 2018-11-24 12:02 UTC
Sensor sh2 stop: 2019-05-03 02:02 UTC
Sensor sh3 stop: 2019-07-07 23:02 UTC
Sensor sh4 stop: 2018-10-03 06:00 UTC
Initial sh1: 0 m
Sensor press stop: 2020-02-16 08:03 UTC
Sensor temp stop: 2020-02-16 08:03 UTC
Sensor gps stop: 2020-02-16 08:03 UTC

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

Co-deployed with 2018T46
floe size 60x150m, 10 percent ridges, 10 pecent refrozen melt ponds, weather shift from foggy to clear skies within two hours
System includes: one snow buoy and one IMB
salinity core was taken