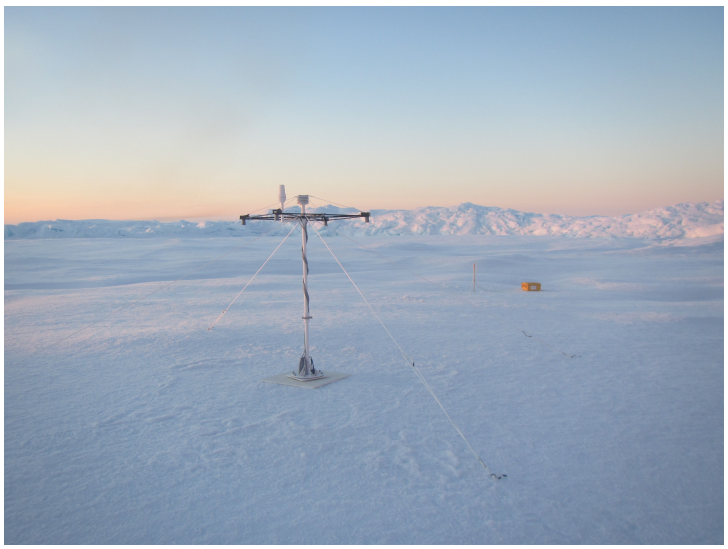
Buoy Deployment Report

seaiceportal.de

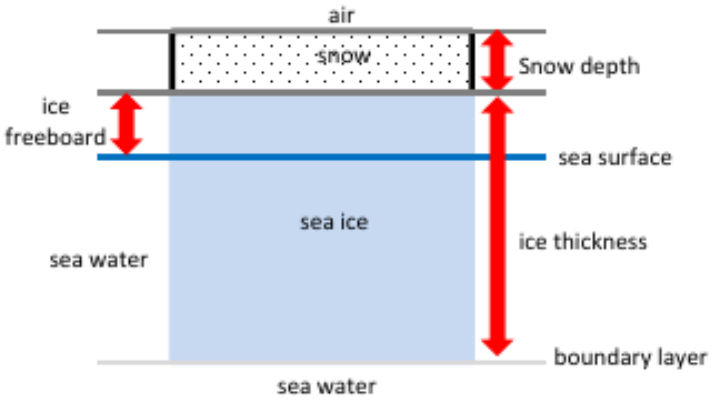
Buoy information

Buoy name: 2018S71
IMEI: 300234066342550
WMO number: 2501641
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research



Deployment information

Date and Time (UTC): 15.09.2018 10:00
Position (Lat/Lon): 80.72005/159.83214
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: 0.003 m
Ice thickness: 2.11 m
Ice freeboard: 0.47 m
Ice types:
MYI (Multi Year Ice)

Buoy-specific parameters

Sensor gps stop: 2019-12-26 11:03 UTC
Sensor temp stop: 2019-07-23 11:00 UTC
Sensor press stop: 2019-12-26 11:03 UTC
Sensor sh4 stop: 2019-07-23 00:00 UTC
Sensor sh3 stop: 2019-07-22 12:00 UTC
Sensor sh2 stop: 2019-07-23 00:00 UTC
Sensor sh1 stop: 2019-07-23 00:00 UTC
Initial sh1: 0 m
Initial sh2: 0 m
Initial sh3: 0 m
Initial sh4: 0 m

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

Co-deployed with 2018T55
Clear weather, floe size 80x150m, 20 percent ridges, refrozen melt ponds
System includes: one snow buoy and one IMB
No salinity core was taken