Buoy Deployment Report

seaiceportal.de

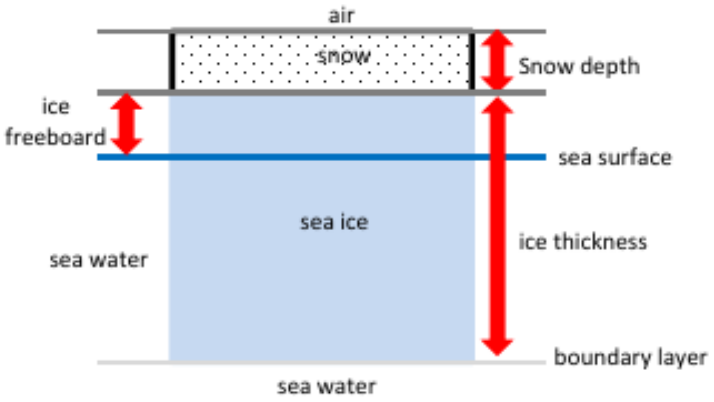
Buoy information

Buoy name: 2018T52
IMEI: 300234065762510
Buoy type: Thermistor Buoy
Buoy owner: Finnish Meteorological Institute

Deployment information

Date and Time (UTC): 14.09.2018 08:30
Position (Lat/Lon): 80.76295/163.18382
Region: East Siberian Sea
Contact:
Jakob Belter (AWI)
Miriam Hansen (CAU)
Simon Hummel (AWI)
Expedition name: TRANSDRIFT XXIV (TICE)
Means of deployment: Ship - mummy





Snow and ice conditions

Snow depth: 0 m
Ice thickness: 2.39 m
Ice freeboard: 0.29 m
Ice types:
MYI (Multi Year Ice)

Buoy-specific parameters

Chain length: 5 m
Total number of sensors: 241
Sensor spacing: 0.02 m
Sensor ice water (Sensor ID): 152
Sensor sea surface (Sensor ID): 47
Sensor snow ice (Sensor ID): 32
Sensor air snow (Sensor ID): 32
Sensor chain stop: 2020-04-13 01:00 UTC
Sensor gps stop: 2020-07-04 08:00 UTC

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

Co-deployed with 2018S74
IMB and Snow Buoy. floe size 200x150m, 10 percent ridges, refrozen melt ponds,
System includes: one snow buoy and one IMB
salinity core was taken