Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2018T53
IMEI: 300234065765720
Buoy type: Thermistor Buoy
Buoy owner: Finnish Meteorological Institute

Deployment information

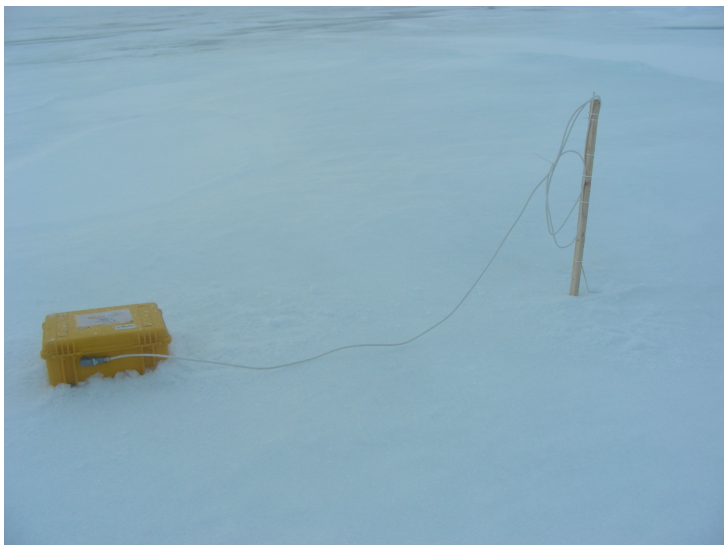
Date and Time (UTC): 11.09.2018 22:35
Position (Lat/Lon): 80.48547/168.40345
Region: East Siberian Sea
Contact:
Jakob Belter (AWI)
Miriam Hansen (CAU)
Simon Hummel (AWI)
Expedition name: TRANSDRIFT XXIV (TICE)
Means of deployment: Ship - mummy

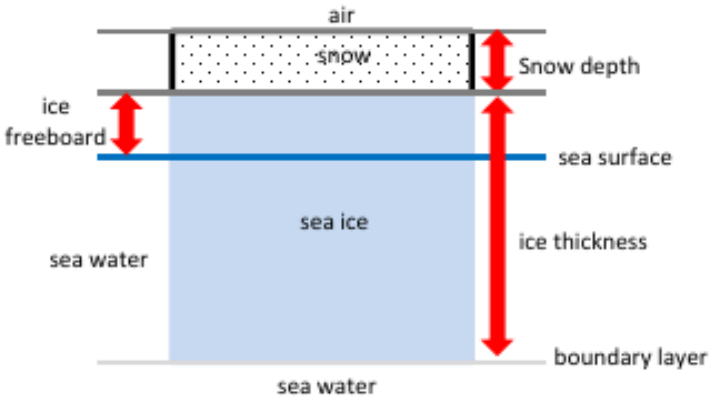
Snow and ice conditions

Snow depth: 0 m
Ice thickness: 2.53 m
Ice freeboard: 0.3 m
Ice types:
MYI (Multi Year Ice)

Buoy-specific parameters

Chain length: 5 m
Sensor spacing: 0.02 m
Sensor ice water (Sensor ID): 158
Sensor sea surface (Sensor ID): 46
Sensor air snow (Sensor ID): 31
Total number of sensors: 241
Sensor snow ice (Sensor ID): 31
Sensor chain stop: 2019-11-02 04:01 UTC
Sensor gps stop: 2020-03-31 05:00 UTC





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

Co-deployed with 2018S73
IMB and Snow Buoy. foggy, floe size 250x150m, ridges 10-20 percent and 0.5-1.5 m high, System includes: one snow buoy and one IMB
Partial salinity core was taken