

Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2018T53
IMEI: 300234065765720
Buoy type: Thermistor Buoy

Deployment information

Date and Time (UTC): 11.09.2018 20:35
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

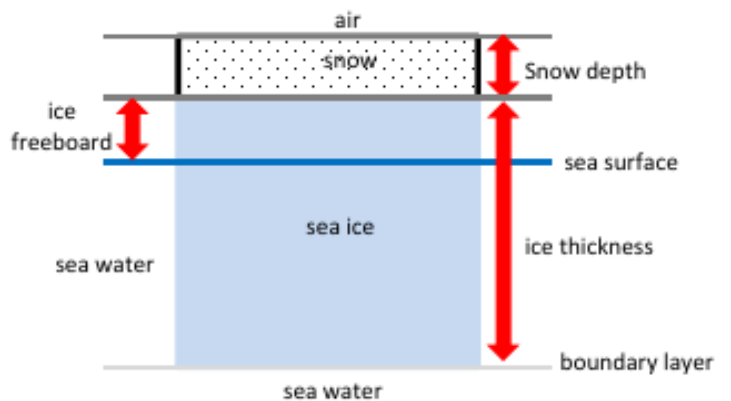
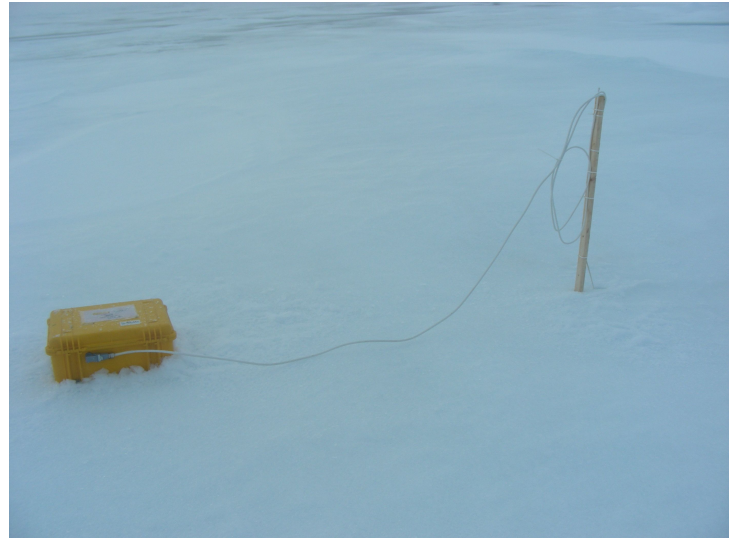
Snow and ice conditions

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: 4.8 m
Sensor spacing: 0.02 m
Sensor ice water (Sensor ID): 158
Sensor sea surface (Sensor ID): 46
Sensor air snow (Sensor ID): 31
Sensor snow ice (Sensor ID): 31



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