Buoy Deployment Report

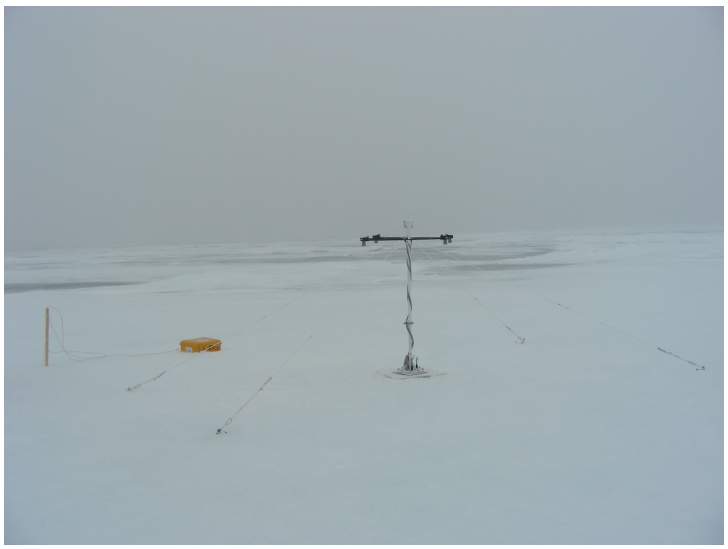
seaiceportal.de

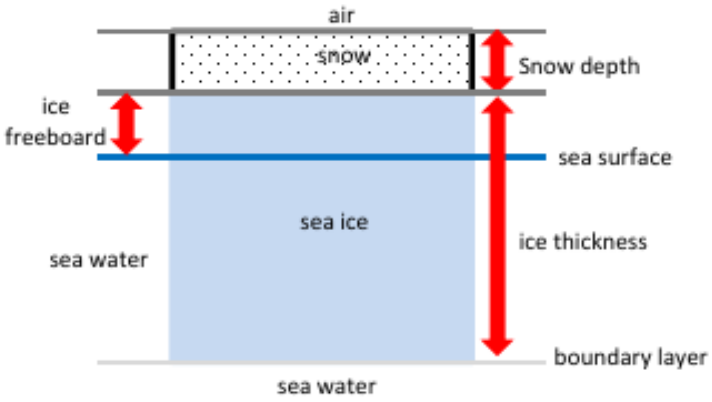
Buoy information

Buoy name: 2018T54
IMEI: 300234065174770
Buoy type: Thermistor Buoy
Buoy owner: Finnish Meteorological Institute

Deployment information

Date and Time (UTC): 11.09.2018 04:30
Position (Lat/Lon): 79.63074/167.96635
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: 2.62 m
Ice freeboard: 0.8 m
Ice types:
MYI (Multi Year Ice)

Buoy-specific parameters

Chain length: 5 m
Sensor snow ice (Sensor ID): 23
Sensor chain stop: 2020-03-14 10:05 UTC
Sensor gps stop: 2020-03-14 04:00 UTC
Sensor spacing: 0.02 m
Sensor ice water (Sensor ID): 154
Sensor sea surface (Sensor ID): 63
Sensor air snow (Sensor ID): 23
Total number of sensors: 241

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

Co-deployed with 2018S77
IMB and Snow Buoy. foggy, floe size 300x100m, ridges 10-20 percent and 0.5-1.5 m high, System includes: one snow buoy and one IMB
No salinity core was taken