Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2018T7
IMEI: 300234064819910
Buoy type: Thermistor Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

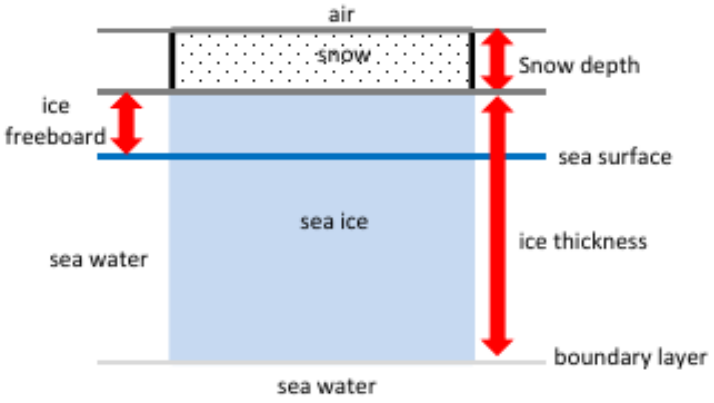
Deployment information

Date and Time (UTC): 06.09.2018 23:30
Position (Lat/Lon): 89.18730/34.82235
Region: Central Arctic/North Pole
Contact:
Mario Hoppmann (AWI)
Expedition name: Oden_AO18
Means of deployment: Helicopter



Snow and ice conditions

Snow depth: 0.11 m
Ice thickness: 1.27 m
Ice freeboard: 0.12 m
Ice types:
MYI (Multi Year Ice)



Buoy-specific parameters

Chain length: 15 m
Total number of sensors: 260
Sensor air snow (Sensor ID): 41
Sensor spacing: 0.02 m
Sensor ice water (Sensor ID): 110
Sensor sea surface (Sensor ID): 53
Sensor snow ice (Sensor ID): 47
Sensor chain stop: 2018-09-11 06:00 UTC
Sensor gps stop: 2019-05-01 20:59 UTC

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

Thermistor chain is 15 m long with the following spacing: 2cm for the first 5m, then 50cm for the rest of the chain, in total 260 sensors
Co-deployed with Snow Buoy 2018S70 at MIDO subnode3
Wooden stake deployment