Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2018R5
IMEI: 300025060016730
Buoy type: Radiation Station
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 13.09.2018 03:00
Position (Lat/Lon): 80.50197/167.37830
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

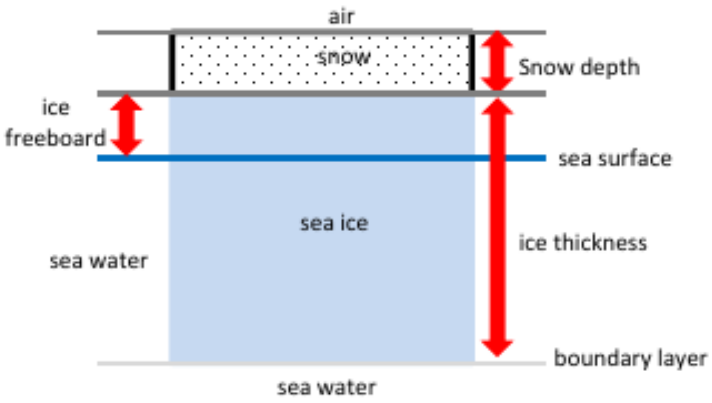
Snow depth: 0 m
Ice thickness: 3.1 m
Ice freeboard: 0.34 m
Ice types:
MYI (Multi Year Ice)

Buoy-specific parameters

Id incom: 34209
Pos incom: 3
Pos refl: 2
Pos trans: 1
Id refl: 34214
Id trans: 34186
Total number of sensors: 209
Chain length: 4.18 m
Sensor spacing: 0.02 m
Serial package: 1
Solar package: 0
Lightchain package: 0
Salinity package: 1
Eco package: 0
Oxy package: 0



Photo credits:



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

Co-deployed with 2018S75, 2018A2, 2018M21, 2018M22
System includes: ITBOB (multiple levels), radiation station, PAWS, Snow Buoy.
partial salinity core taken