Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2023R26
IMEI: 300025010736890
Buoy type: Radiation Station
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 04.09.2023 19:00
Position (Lat/Lon): 88.43383/114.13683
Region:
Contact:
Marcel Nicolaus (AWI)
Mario Hoppmann (AWI)
Expedition name: Polarstern PS138-Arcwatch 2023
Means of deployment: Ship - gangway

Snow and ice conditions

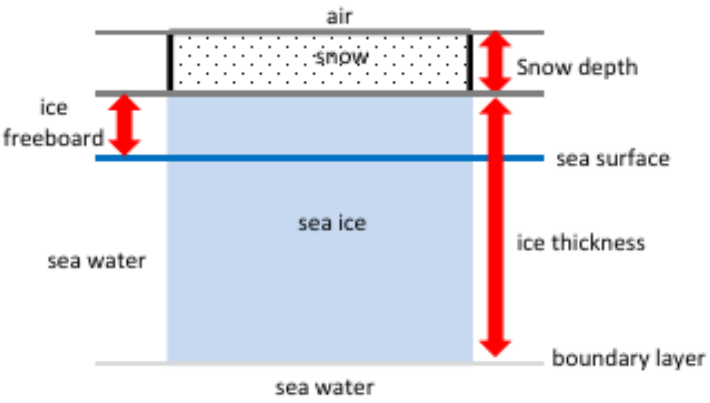
Snow depth:
Ice thickness:
Ice freeboard:
Ice types:
Unknown

Buoy-specific parameters

Serial package: 1
Lightchain package: 1
Ramses package: 1
Pos incom: 1
Pos refl: 2
Pos trans: 3
Solar package: 0
Salinity package: 0
Eco package: 0
Oxy package: 0
Microcat package: 0



Photo credits:



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

incoming RAMSES 85A9, reflected RAMSES 85A7, transmitted RAMSES 511E, snow depth under reflected RAMSES: 0.14 m, distance from sensor to surface: 0.78 m, snow pinger 0.9 m above surface, snow depth below pinger 0.17 m, light chain hole: ice thickness 1.59 m, freeboard 0.19 m, snow depth 0.15 m, hole filled with slush and snow, sensor 10 at surface, underice sensor: see Marcels notes