Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2014T9
IMEI: 300234060472380
Buoy type: Thermistor Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

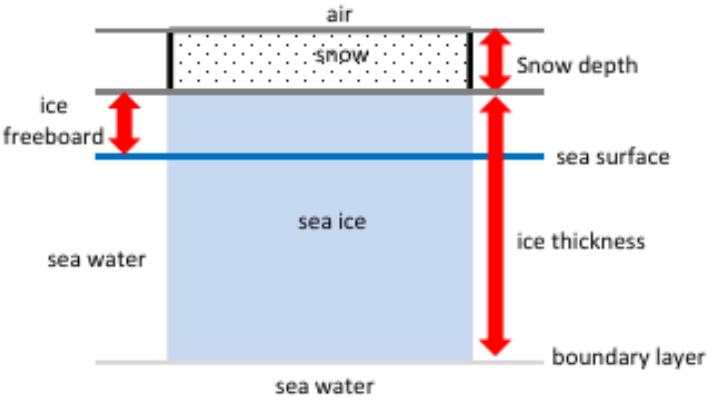


Deployment information

Date and Time (UTC): 17.01.2014 20:00
Position (Lat/Lon): -77.55910/-38.91120
Region: Weddell Sea
Contact:
Sandra Schwegmann (AWI)
Expedition name: PS82-ANT29/9
Means of deployment: Helicopter

Snow and ice conditions

Snow depth: 0.09 m
Ice thickness: 1.56 m
Ice freeboard: 0.13 m
Ice types:
FYI (First Year Ice)



Buoy-specific parameters

Sensor spacing: 0.02 m
Chain length: 5 m
Sensor air snow (Sensor ID): 31
Sensor snow ice (Sensor ID): 36
Sensor sea surface (Sensor ID): 43
Total number of sensors: 240
Sensor ice water (Sensor ID): 114

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

Large floe, 30 to 40 percent ridges, height: 0.5 to 1.5 m
Helpers: Ben Lange
Sunny to cloudy
No ice cores at this station: space and time limited
Co-deployed with 2014S12
Former name: WS_T_042