Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2014S12
IMEI: 300234060543780
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

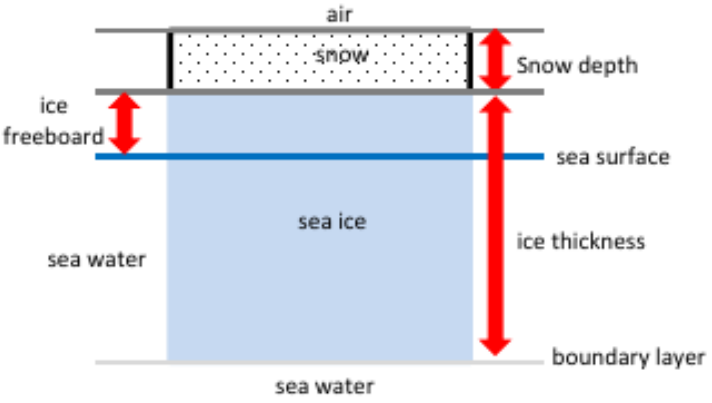


Deployment information

Date and Time (UTC): 17.01.2014 19:32
Position (Lat/Lon): -77.55960/-38.91980
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

Initial sh1: 0.04 m
Initial sh2: 0.035 m
Initial sh3: 0.02 m
Initial sh4: 0.02 m
Temp correction: off
Sensor sh1 stop: 2016-02-01 05:00 UTC
Sensor gps stop: 2016-02-02 22:02 UTC
Sensor temp stop: 2016-02-02 22:02 UTC
Sensor press stop: 2016-02-02 22:02 UTC
Sensor sh4 stop: 2016-01-31 23:00 UTC
Sensor sh3 stop: 2016-02-01 05:00 UTC
Sensor sh2 stop: 2016-02-01 05:00 UTC

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 2014T9
Former name: WS_S_004