Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2015T28
IMEI: 300234062421090
WMO number: 7100737
Buoy type: Thermistor Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 30.12.2015 19:07
Position (Lat/Lon): -75.05527/-29.70975
Region: Weddell Sea
Contact:
Leonard Rossmann (AWI)
Stefanie Arndt (AWI)
Expedition name: PS96-ANT31/2
Means of deployment: Helicopter

Snow and ice conditions

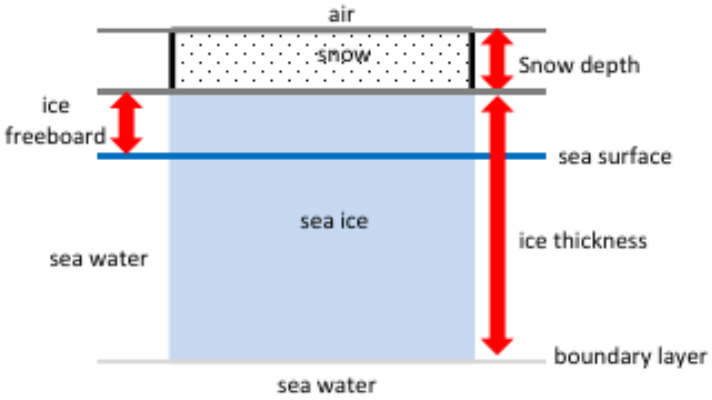
Snow depth: 0.14 m
Ice thickness: 0.86 m
Ice freeboard: 0.07 m
Ice types:
MYI (Multi Year Ice)

Buoy-specific parameters

Total number of sensors: 240
Sensor air snow (Sensor ID): 15
Sensor snow ice (Sensor ID): 22
Sensor sea surface (Sensor ID): 25
Sensor ice water (Sensor ID): 65
Sensor chain stop: 2017-01-08 19:03 UTC
Sensor gps stop: 2017-01-08 13:35 UTC
Chain length: 5 m
Sensor spacing: 0.02 m



Photo credits:



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

Deployed along with 2015S41
Floe description: diameter 0.5-1km, 10 percent ridges with an height of 1-1.5 meters, deployment in the center of the floe, old weatherd snow
Weather: clear sky and windy
probably Rafting event around the 2016-04-11