Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2015T18
IMEI: 300234060561790
Buoy type: Thermistor Buoy
Buoy owner: Finnish Meteorological Institute

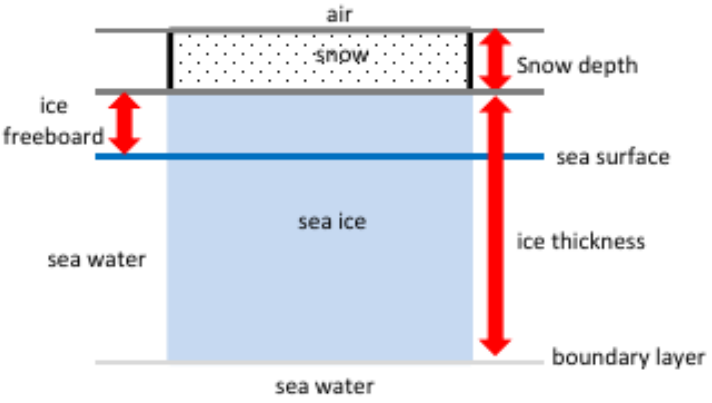


Deployment information

Date and Time (UTC): 03.01.2015 20:00
Position (Lat/Lon): -70.43800/-8.28900
Region: Weddell Sea
Contact:
Marcel Nicolaus (AWI)
Sandra Schwegmann (AWI)
Expedition name: PS89-ANT30/2
Means of deployment: Ship - mummy

Snow and ice conditions

Snow depth: 0.3 m
Ice thickness: 0.77 m
Ice freeboard: 0 m
Ice types:
Fast Ice



Buoy-specific parameters

Sensor spacing: 0.02 m
Chain length: 5 m
Sensor air snow (Sensor ID): 37
Sensor snow ice (Sensor ID): 52
Sensor sea surface (Sensor ID): 52
Total number of sensors: 240
Sensor ice water (Sensor ID): 90

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

Former name: 2014FMI16,
Colocated with 2015S18, part of array with 2015P1, 2015P2, 2015P3
Floe description: diameter: 0.2km, 40 percent ridges, thickness 1 to 4m, deployed in center of floe, old weatherd snow cover