Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2018M13
IMEI: 300025010024670
Buoy type: IMBflex
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

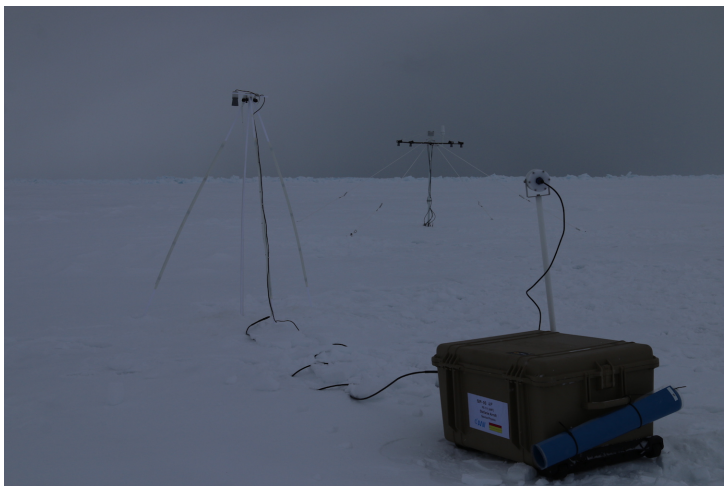
Date and Time (UTC): 19.02.2018 12:45
Position (Lat/Lon): -77.84112/-37.30520
Region: Weddell Sea
Contact:
Stefanie Arndt (AWI)
Expedition name: PS111_ANT
Means of deployment: Helicopter

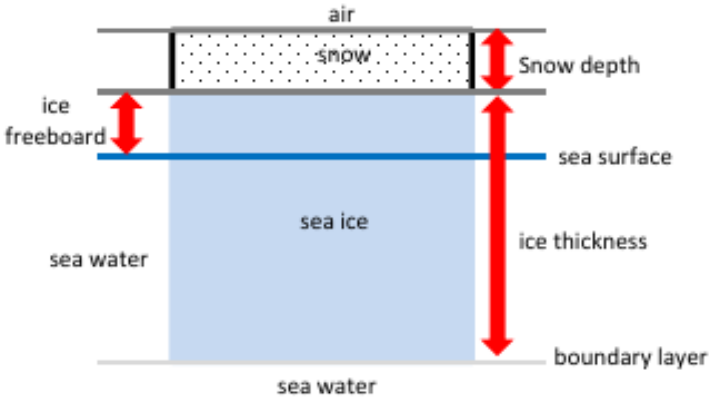
Snow and ice conditions

Snow depth: 0.07 m
Ice thickness: 1.23 m
Ice freeboard: 0.07 m
Ice types:
FYI (First Year Ice)

Buoy-specific parameters

Total number of sensors: 256
Sensor snow ice (SensorID): 155
Serial package: 0
Solar package: 0
Sensor sea surface (SensorID): 146
Sensor air snow (SensorID): 152
Sensor ice water (SensorID): 215
Chain length: 5.12 m
Sensor spacing: 0.02 m





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

Floe description: diameter 0.5km, 0-10 percent ridges with an height of 2-3 meters, deployment in the center of the floe, strongly compacted/metamorphous snowpack, weather: cloud-covered, windy
Co-deployed with 2018S58