Buoy Deployment Report

seaiceportal.de

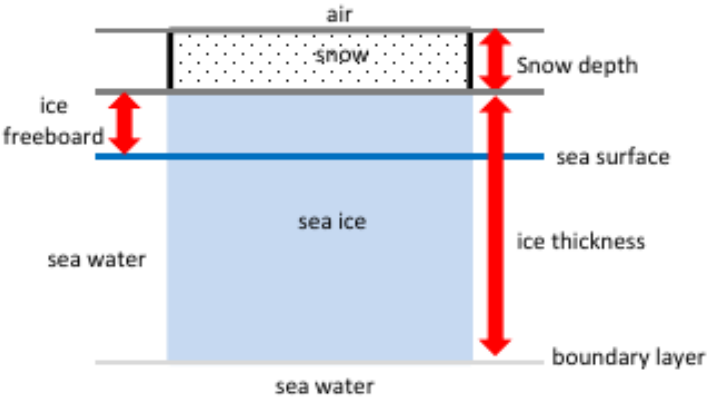
Buoy information

Buoy name: 2016S45
IMEI: 300234064011000
WMO number: 2600566
Buoy type: Snow Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research



Deployment information

Date and Time (UTC): 22.09.2016 00:30
Position (Lat/Lon): 86.98200/58.29200
Region: Arctic Ocean
Contact:
Christian Katlein (AWI)
Marcel Nicolaus (AWI)
Expedition name: PS101-ARK30/3
Means of deployment: Ship - gangway



Snow and ice conditions

Snow depth: 0.08 m
Ice thickness: 0.81 m
Ice freeboard: 0.03 m
Ice types:
SYI (Second Year Ice)

Buoy-specific parameters

Initial sh1: 0.15 m
Initial sh2: 0.17 m
Initial sh3: 0.11 m
Initial sh4: 0.1 m
Temp correction: off
Sensor sh3 stop: 2017-05-31 08:01 UTC
Sensor sh2 stop: 2017-05-31 08:01 UTC
Sensor sh1 stop: 2017-05-31 01:00 UTC
Sensor sh4 stop: 2017-05-31 08:01 UTC
Sensor press stop: 2017-05-31 08:01 UTC
Sensor temp stop: 2017-05-31 08:01 UTC
Sensor gps stop: 2017-05-31 08:01 UTC

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

Co-deployed with 2016T21 and 2016M2
Station No. PS101/0114-1
Snow and ice measurements from 2016T21

Buoy parts (only the upper part) could be recovered during PS106