# Buoy Deployment Report

seaiceportal.de

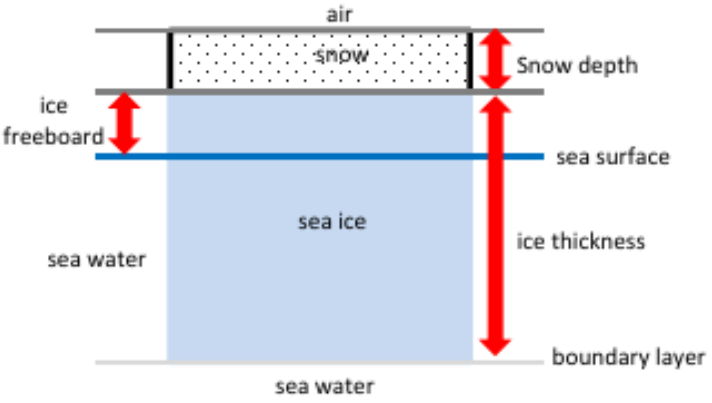
## Buoy information

*Buoy name:* 2016M2
*IMEI:* 300025060205330
*WMO number:* 6400972
*Buoy type:* IMBflex
*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:*
*Contact:*
Christian Katlein (AWI)
Marcel Nicolaus (AWI)
*Expedition name:* PS101-ARK30/3
*Means of deployment:* Ship - gangway




## Snow and ice conditions

*Snow depth:* 0.1 m
*Ice thickness:* 1.01 m
*Ice freeboard:* 0.04 m
*Ice types:*
SYI (Second Year Ice)

## Buoy-specific parameters

*Serial package:* 1
*Solar package:* 1
*Sensor snow ice (SensorID):* 16
*Chain length:* 5.12 m
*Sensor spacing:* 0.02 m
*Total number of sensors:* 256

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

Co-deployed with 2016T21 and 2016S45
Station No. PS101/0114-1
measurements at mast: ice 96cm, snow 6cm, freeboard 10cm
additional sensors: EcoTripplet and Optode, no snow depth sensor included

Buoy could be recovered during PS106