

## Buoy information

*Buoy name:* 2018M21  
*IMEI:* 300025060606890  
*Buoy type:* IMBflex

## Deployment information

*Date and Time (UTC):* 13.09.2018 01:00  
*Position (Lat/Lon):* 80.50197/167.37830  
*Region:* East Siberian Sea  
*Contact:*

Jakob Belter (AWI)  
Miriam Hansen (CAU)  
Simon Hummel (AWI)

*Expedition name:* TRANSDRIFT XXIV (TICE)  
*Means of deployment:* Ship - mummy

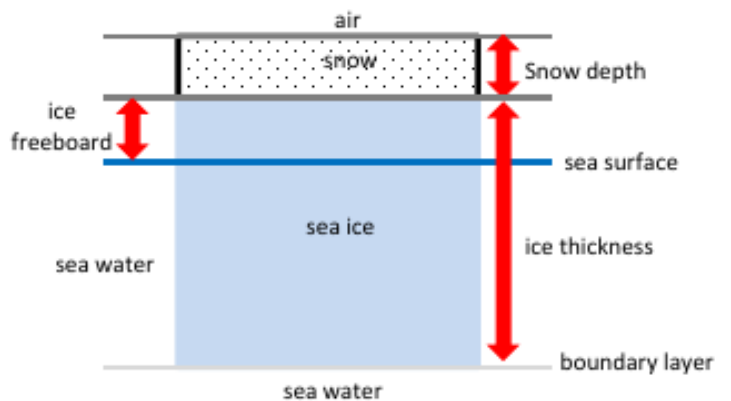
## Snow and ice conditions

*Snow depth:* 0 m  
*Ice thickness:* 3.1 m  
*Ice freeboard:* 0.34 m  
*Ice types:*

MYI (Multi Year Ice)

## Buoy-specific parameters

*Sensor sea surface (SensorID):* 46  
*Sensor air snow (SensorID):* 29  
*Sensor snow ice (SensorID):* 29  
*Sensor ice water (SensorID):* 184



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

Co-deployed with 2018S75, 2018A2, 2018M22, 2018R5

System includes: ITBOB (multiple levels), radiation station, PAWS, Snow Buoy. Surface unit (IMB057) (depth): camera (surface), tiltmeter (1.24m above surface), PAR up (1.27m above surface), PAR down (1.17m above surface), snow pinger (1.0m above surface), Aanderaa Optode (in ice, 1.25m below surface), ECO Triplet (in ice, 1.38m below surface)  
partial salinity core taken