

# Buoy Deployment Report

seaiceportal.de

## Buoy information

*Buoy name:* 2018T46  
*IMEI:* 300234064817090  
*Buoy type:* Thermistor Buoy

## Deployment information

*Date and Time (UTC):* 15.09.2018 22:00  
*Position (Lat/Lon):* 80.44022/161.92585  
*Region:* East Siberian Sea  
*Contact:*

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

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

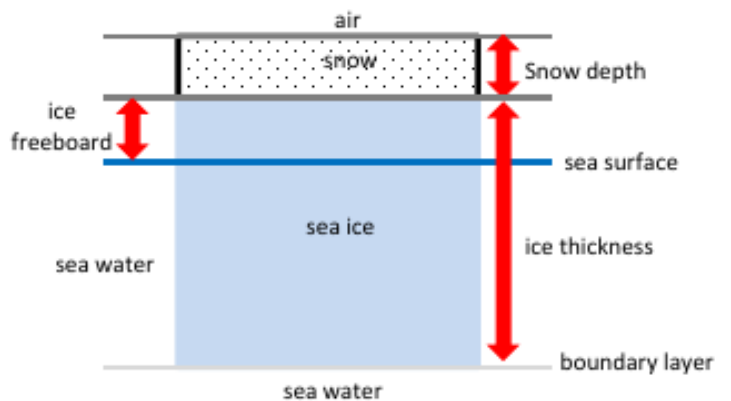
## Snow and ice conditions

*Snow depth:* 0.004 m  
*Ice thickness:* 1.82 m  
*Ice freeboard:* 0.25 m  
*Ice types:*

MYI (Multi Year Ice)

## Buoy-specific parameters

*Chain length:* 4.8 m  
*Sensor spacing:* 0.02 m  
*Sensor ice water (Sensor ID):* 111  
*Sensor sea surface (Sensor ID):* 32  
*Sensor snow ice (Sensor ID):* 20  
*Sensor air snow (Sensor ID):* 20



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

Co-deployed with 2018S78

floe size 60x150m, 10 percent ridges, 10 percent refrozen melt ponds, weather shift from foggy to clear skies within two hours

System includes: one snow buoy and one IMB  
salinity core was taken