Buoy Deployment Report

seaiceportal.de

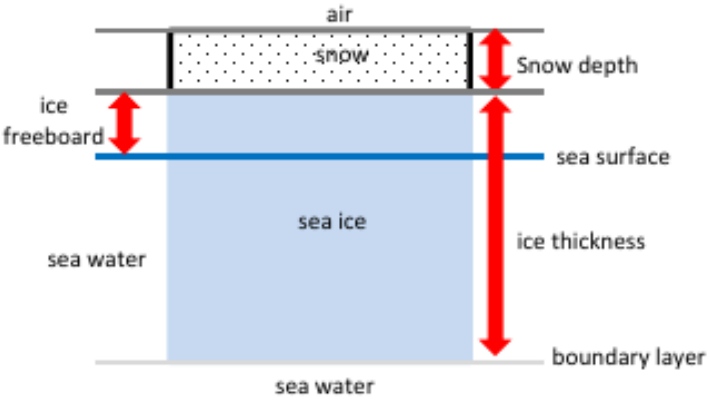
Buoy information

Buoy name: 2015S26
IMEI: 300234062311650
Buoy type: Snow Buoy
Buoy owner: University of Hamburg

Deployment information

Date and Time (UTC): 05.02.2015 06:00
Position (Lat/Lon): 83.06440/20.70440
Region: Fram Strait
Contact:
Jari Haapala (FMI)
Polona Itkin (NPI)
Expedition name: N-ICE 2015
Means of deployment: Ship - gangway





Snow and ice conditions

Snow depth: 0.43 m
Ice thickness: 0.9 m
Ice freeboard: -0.01 m
Ice types:
FYI (First Year Ice)

Buoy-specific parameters

Sensor sh4 stop: 2015-02-19 02:00 UTC
Sensor sh3 stop: 2015-02-21 03:01 UTC
Sensor sh2 stop: 2015-02-20 07:01 UTC
Sensor sh1 stop: 2015-02-20 11:01 UTC
Initial sh1: 0.31 m
Initial sh2: 0.32 m
Initial sh3: 0.32 m
Sensor temp stop: 2015-02-21 17:03 UTC
Sensor press stop: 2015-02-21 17:03 UTC
Sensor gps stop: 2015-02-21 17:03 UTC
Temp correction: off
Initial sh4: 0.35 m

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

First year ice floe in the End of the world. Buoy deployed in the buoy farm (together with the stress buoy and FMI19) next to a EM31 and MagnaProbe survey line and in between two GNSS stations. The buoy hull did not fit into the FYI (ablation shield top was 43 cm over the ice surface).
No data available for deployment time and initial latitude and initial longitude
original deployment date and time sended by deployer: 2015-01-24
Detailed measurements for Snow thickness under sensors:
Sensor 1: 0.32/0.31/0.31
Sensor 2: 0.31/0.33/0.31
Sensor 3: 0.31/0.31/0.33
Sensor 4: 0.35/0.36/0.34