Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2018T35
IMEI: 300234062429060
Buoy type: Thermistor Buoy
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 13.09.2018 22:20
Position (Lat/Lon): 80.48446/165.73318
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: 1.55 m
Ice freeboard: 0.15 m
Ice types:
MYI (Multi Year Ice)

Buoy-specific parameters

Total number of sensors: 240
Chain length: 5 m
Sensor spacing: 0.02 m
Sensor ice water (Sensor ID): 141
Sensor sea surface (Sensor ID): 29
Sensor snow ice (Sensor ID): 21
Sensor air snow (Sensor ID): 21
Sensor chain stop: 2020-05-16 02:56 UTC
Sensor gps stop: 2020-05-16 02:56 UTC



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

Co-deployed with 2018S72
IMB and Snow Buoy. foggy,view about 400m, floe size 80x100m, level area, ridges in sight, multiple melt ponds (refrozen), more melt ponds behind ridges,
System includes: one snow buoy and one IMB
No salinity core was taken