Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2019P93
IMEI: 300234067701680
Buoy type: Surface Velocity Profiler (iSVP)
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 16.01.2019 21:00
Position (Lat/Lon): -65.78728/-60.54920
Region: Southern Larsen-B area
Contact:
Wolfgang Rack (UC)
Expedition name: Weddell Sea Expedition 2019
Means of deployment: Ship - gangway

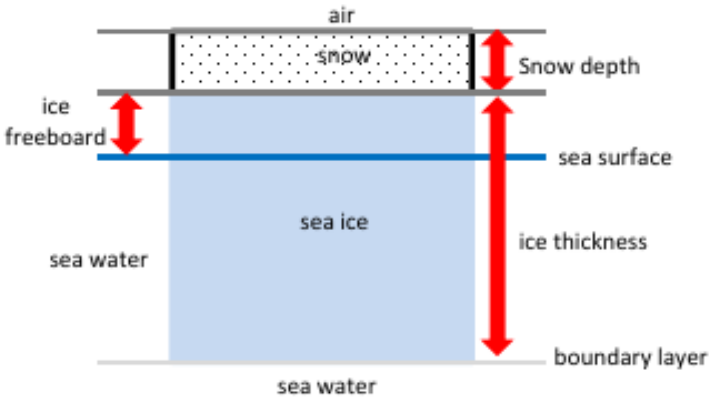
Snow and ice conditions

Snow depth: 0.84 m
Ice thickness:
Ice freeboard:
Ice types:
MYI (Multi Year Ice)

Buoy-specific parameters



Photo credits:



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

The ice floe size was about 24 km2. Likely origin is multiyear bay fast ice, buoy was placed on a ridge. The ice floe was in the Polynya between the Larsen-C and Larsen-B area, and drifted north into the Larsen-B embayment around Jason Peninsula, Thickness could not be measured with available equipment, but was likely larger 6 m
Largely well consolidated snow over slush (in snow pit above 0.25 m slush)
Calm with moderate ice drift, unrestricted visibility