Buoy Deployment Report

seaiceportal.de

Buoy information

Buoy name: 2026P337
IMEI: 300534063601760
WMO number: 2802167
Buoy type: Surface Velocity Profiler (iSVP)
Buoy owner: Alfred Wegener Institute, Helmholtz Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 02.03.2026 17:37
Position (Lat/Lon): -67.20450/-55.99836
Region: Weddell Sea
Contact:
Stefanie Arndt (AWI)
Expedition name: Polarstern PS153-SWOS 2026
Means of deployment: Ship - gangway

Snow and ice conditions

Snow depth: 0.15 m
Ice thickness: 1.1 m
Ice freeboard: 0.05 m
Ice types:
FYI (First Year Ice)

Buoy-specific parameters

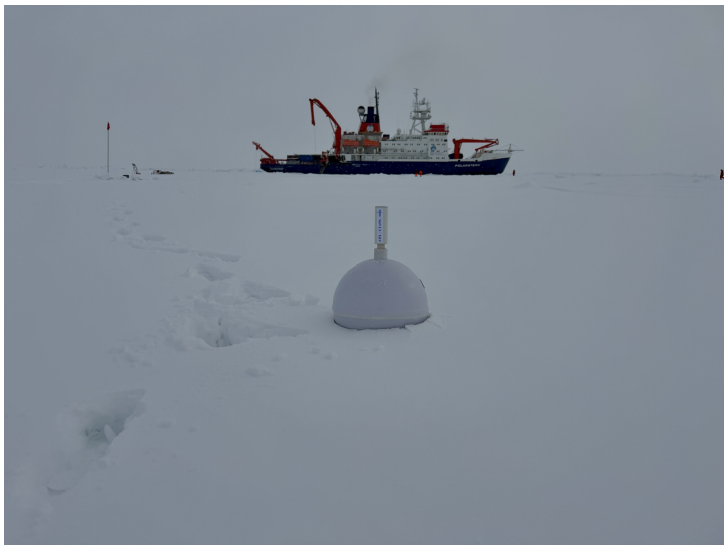
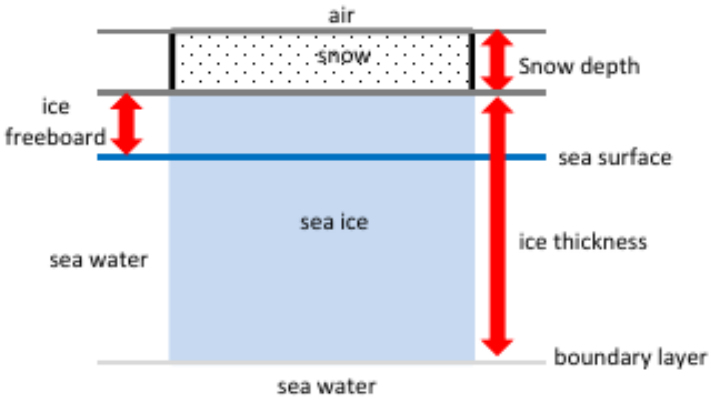


Photo credits: Stefanie Arndt



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

Ice floe of buoy deployment was sampled on same day as ice station PS153_20260302_12, doing a full sea ice physics, atmosphere, ocean and biology sampling program.
Ice conditions: FYI, floe size: approx. 800 m, ridge density; 30-40 percent, ridge height: 2-3m, SIC: 90 percent
Weather conditions: clouds: 8/8, snowfall over past 1.5 days, low clouds/fog, T = -3°C, 2-3 Bft.