

Buoy information

Buoy name: 2020R10

IMEI: 300025060612750

Buoy type: Radiation Station

Buoy owner: Alfred Wegener Institute, Helmholtz
Centre for Polar and Marine Research

Deployment information

Date and Time (UTC): 08.03.2020 14:47

Position (Lat/Lon): 88.00522/24.78118

Region: Central Arctic Ocean

Contact:

Alexey Niubom (AARI)

Igor Sheikin (AARI)

Philipp Anhaus (AWI)

Steven Fons (NASA)

Expedition name: MOSAiC

Means of deployment: Ship - gangway

Snow and ice conditions

Snow depth: 0.068 m

Ice thickness: 1.49 m

Ice freeboard: 0.278 m

Ice types:

FYI (First Year Ice)

Buoy-specific parameters

Pos incom: 1

Pos refl: 2

Pos trans: 3

Id refl: 34325

Id incom: 34326

Id trans: 34330

Sensor spacing: 0.02 m

Chain length: 5 m

Serial package: 1

Solar package: 0

Lightchain package: 1

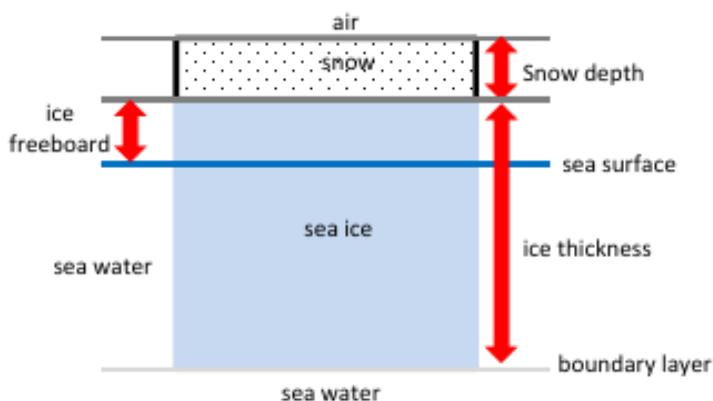
Salinity package: 1

Eco package: 0

Oxy package: 0



Photo credits: Philipp Anhaus



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

deployed on leveled First-Year-Ice between end of ROV optics grid (Transponder 2) and Fort Ridge