

TITLE	Metadata for "Meteorological, Oceanographic and Ship Data Collected Onboard Icebreaker Oden"
Principal Organisation	Swedish Polar Research Secretariat
Contact	datamanager@polar.se
Time Period	Specified under the parameter DateTime
Time Resolution	1-minute resolution (measured in higher resolution and aggregated to 1-minute values)
Geographic Spread	Arctic Ocean, with precise coordinates specified in the parameters Oden.Ship.SeaPath.LatitudeDegrees and Oden.Ship.SeaPath.LongitudeDegrees
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Quality Checked	No
Coordinate Reference System	WGS84

All measured parameters are presented with values for	
AVG	Average value for the time period
MIN	Minimum value for the time period
MAX	Maximum value for the time period
NUM	Number of logged data points during the 1-minute time period used for the calculation of AVG, MIN, and MAX

Parameters	Description	Unit	Place	Instrument	Manufacturer	Note
DateTime	Date and time UTC±0					
Oden.MB.DBT	Depth under transducers of EM122, center deepth	m	Multibeam	Kongsberg EM122 echo sounder	Kongsberg	Not calibrated
Oden.MB.SeaDepth	Depth EM122 sonar, center deppth	m	Multibeam	Kongsberg EM122 echo sounder	Kongsberg	Not calibrated
Oden.MB.Sensordepth	Depth EM122 sonar, center deppth, surface	m	Multibeam	Kongsberg EM122 echo sounder	Kongsberg	Not calibrated
Oden.Met.Air-Temperature-BB	Air temperature on port side of ship bridge	°C	Bridge wing portside	PT100		
Oden.Met.Air-Temperature-SB	Air temperature on starboard of ship bridge	°C	Bridge wing starboard	PT100		
Oden.Met.AirPressure	same value as Oden.Met.PTB330-1.AirPressure	hPa	Bridge	Vaisala PTB330	Vaisala	
Oden.Met.AirTemperature	Air temperture, avg between port side and starboard, calculated from PT100 values	°C	Bridge roof	Calculated based on data from PT100	Frejval	
Oden.Met.DewPointTemperature	Dew point calculated in database	°C	Database	Calculated based on data from HMP155 Temperature and HMP155 Humidity	SPRS	
Oden.Met.HMP155-BB.Air-Temperature	HMP155, Air temperature portside	°C	Bridge roof	\N	Vaisala	
Oden.Met.HMP155-BB.RelativeAirHumidity	HMP155, Relative air huminity portside	%rH	Bridge roof	\N	Vaisala	
Oden.Met.HMP155-SB.Air-Temperature	HMP155, Air temperature starboard	°C	Bridge roof	\N	Vaisala	
Oden.Met.HMP155-SB.RelativeAirHumidity	HMP155, Relative air huminity starboard	%rH	Bridge roof	\N	Vaisala	
Oden.Met.PAR-QSR2150.intVolt	QSR-2150 internal voltage for debug	V	Bridge roof, Cont26 roof	QSR-2150	Biospherical Instrument	
Oden.Met.PAR-QSR2150.PAR	QSR-2150 PAR	V	Bridge roof, Cont26 roof	QSR-2150	Biospherical Instrument	
Oden.Met.PAR-QSR2150.Temperature	QSR-2150 temperature on card for debug	°C	Bridge roof, Cont26 roof	QSR-2150	Biospherical Instrument	
Oden.Met.PTB330-1.AirPressure	Air pressure from PTB330	hPa	Bridge	\N	Vaisala	
Oden.Met.PTB330-1.AirPressure.a	a of air pressure from first PTB330	a	Bridge	\N	Vaisala	
Oden.Met.PTB330-1.AirPressure.ppp	3h trend Air pressure from first PTB330	hPa/3h	Bridge	\N	Vaisala	
Oden.Met.PTB330-1.QFE	Air Pressure, Heli Pad Oden	hPa	Bridge	\N	Vaisala	
Oden.Met.PTB330-1.QNH	Air Pressure, Sea level, ICAO stndart atmosphere	hPa	Bridge	\N	Vaisala	
Oden.Met.PTB330-2.AirPressure	Air pressure from second PTB330	hPa	Bridge	\N	Vaisala	
Oden.Met.PWD22.AirTemperature	PWD22, Air temperature	°C	Bridge roof, Cont26 roof	Present Weather Detector PWD22	Vaisala	
Oden.Met.PWD22.Precipitation-1H	Precipitation intensity. Measured at top of container on bridge roof, starboard side.	mm/h	Bridge roof, Cont26 roof	Present Weather Detector PWD22	Vaisala	
Oden.Met.PWD22.Precipitation-Total	PWD22, rainfall mm total, Measured at top of container on bridge roof, starboard side.	mm	Bridge roof, Cont26 roof	Present Weather Detector PWD22	Vaisala	
Oden.Met.PWD22.PWCode	PWD22, weather code now		Bridge roof, Cont26 roof	Present Weather Detector PWD22	Vaisala	
Oden.Met.PWD22.PWCode-15M	PWD22, weather code 15min		Bridge roof, Cont26 roof	Present Weather Detector PWD22	Vaisala	
Oden.Met.PWD22.PWCode-1H	PWD22, weather code 1hour avg		Bridge roof, Cont26 roof	Present Weather Detector PWD22	Vaisala	
Oden.Met.PWD22.Snow-Sum	PWD22, summery snow	mm	Bridge roof, Cont26 roof	Present Weather Detector PWD22	Vaisala	
Oden.Met.PWD22.Visibility-Avg10M	PWD22, Visibility 10min avg, Measured at top of container on bridge roof, starboard side.	m	Bridge roof, Cont26 roof	Present Weather Detector PWD22	Vaisala	
Oden.Met.PWD22.Visibility-Now	PWD22, Visibility now	m	Bridge roof, Cont26 roof	Present Weather Detector PWD22	Vaisala	
Oden.Met.QFE	Calculated QFE, Air Pressure, Heli Pad Oden	hPa	Database	Calculated based on data from Airpressure, Airtemperature and LatitudeDegrees	SPRS	
Oden.Met.QFF	Calculated QFF, Air Pressure, Sea level, actual atmoshere	hPa	Database	Calculated based on data from Airpressure, Airtemperature and LatitudeDegrees	SPRS	
Oden.Met.QNH	Calculated QNH, Air Pressure, Sea level, ICAO stndart atmosphere	hPa	Database	Calculated based on data from Airpressure, Airtemperature and LatitudeDegrees	SPRS	
Oden.Met.RelativeAirHumidity	Relative air huminity, calculatet of HMP155 values	%rH	Database	Calculated based on data from HMP155-BB.Air-Temperature, HMP155-SB.Air-Temperature, HMP155-BB.Air-Humidity and HMP155-	SPRS	
Oden.Met.Wind-BB.DirectionRel	Relative wind direction, portside	° / deg	Bridge wing portside	Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	Thies Clima	
Oden.Met.Wind-BB.DirectionRel-180	Relative wind direction +180deg, opposit, portside	° / deg	Bridge wing portside	Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	Thies Clima	
Oden.Met.Wind-BB.SpeedRel	Relative wind speed, portside	m/s	Bridge wing portside	Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	Thies Clima	
Oden.Met.Wind-SB.DirectionRel	Relative wind direction, starboard	° / deg	Bridge wing starboard	Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	Thies Clima	
Oden.Met.Wind-SB.DirectionRel-180	Relative wind direction +180deg, opposit, starboard	° / deg	Bridge wing starboard	Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	Thies Clima	
Oden.Met.Wind-SB.SpeedRel	Relative wind speed, starboard	m/s	Bridge wing starboard	Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	Thies Clima	
Oden.Met.WindDirectionRel	Relative wind direction, calculated from both wind sensors values	° / deg	Bridge, Heli corner	Calculated based on relative values from Thies Clima Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	Frejval	
Oden.Met.WindDirectionRel-180	Relative wind direction, calculated from both wind sensors values +180deg, opposit	° / deg	Bridge, Heli corner	Calculated based on relative values from Thies Clima Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	Frejval	
Oden.Met.WindDirectionRel-AvgPT10M	calculated relative wind direction 10min avg	° / deg	Database	Calculated based on relative values from Thies Clima Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	SPRS	
Oden.Met.WindDirectionRel-MaxPT10M	calculated relative wind direction 10min max	° / deg	Database	Calculated based on relative values from Thies Clima Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	SPRS	
Oden.Met.WindDirectionRel-MaxPT2M	calculated relative wind direction 2min max	° / deg	Database	Calculated based on relative values from Thies Clima Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	SPRS	
Oden.Met.WindDirectionRel-MinPT10M	calculated relative wind direction 10min min	° / deg	Database	Calculated based on relative values from Thies Clima Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	SPRS	
Oden.Met.WindDirectionRel-MinPT2M	calculated relative wind direction 2min min	° / deg	Database	Calculated based on relative values from Thies Clima Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	SPRS	
Oden.Met.WindDirectionTrue	calculated true wind direction	° / deg	Database	Calculated based on relative values from Oden.Met.WindDirectionRel	SPRS	
Oden.Met.WindDirectionTrue-180	calculated true wind direction, +180deg , opposit	° / deg	Database	Calculated based on relative values from Oden.Met.WindDirectionRel-180	SPRS	
Oden.Met.WindDirectionTrue-AvgPT10M	calculated true wind direction 10min avg	° / deg	Database	Calculated based on true values from Thies Clima Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	SPRS	
Oden.Met.WindDirectionTrue-MaxPT10M	calculated true wind direction 10min max	° / deg	Database	Calculated based on true values from Thies Clima Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	SPRS	
Oden.Met.WindDirectionTrue-MaxPT2M	calculated true wind direction 2min max	° / deg	Database	Calculated based on true values from Thies Clima Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	SPRS	
Oden.Met.WindDirectionTrue-MinPT10M	calculated true wind direction 10min min	° / deg	Database	Calculated based on true values from Thies Clima Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	SPRS	
Oden.Met.WindDirectionTrue-MinPT2M	calculated true wind direction 2min min	° / deg	Database	Calculated based on true values from Thies Clima Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	SPRS	
Oden.Met.WindSpeedRel	relative wind speed, calculatet from both wind sensors values	m/s	Bridge, Heli corner	based on Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	Frejval	
Oden.Met.WindSpeedRel-AvgPT10M	calculated relative wind speed 10min avg	m/s	Database	Calculated based on relative values from Thies Clima Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	SPRS	
Oden.Met.WindSpeedRel-AvgPT2S	calculated relative wind speed 2sec avg	m/s	Database	Calculated based on relative values from Thies Clima Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	SPRS	
Oden.Met.WindSpeedRel-By2sPT10M	calculated relative wind speed, gust 10min avg	m/s	Database	Calculated based on relative values from Thies Clima Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	SPRS	
Oden.Met.WindSpeedRel-MaxPT10M	calculated relative wind speed 10min max	m/s	Database	Calculated based on relative values from Thies Clima Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	SPRS	
Oden.Met.WindSpeedRel-MaxPT2M	calculated relative wind speed 2min max	m/s	Database	Calculated based on relative values from Thies Clima Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	SPRS	
Oden.Met.WindSpeedRel-MinPT10M	calculated relative wind speed 10min min	m/s	Database	Calculated based on relative values from Thies Clima Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	SPRS	
Oden.Met.WindSpeedTrue	calculated true wind speed	m/s	Bridge, Heli corner	Calculated based on true values from Thies Clima Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	Frejval	
Oden.Met.WindSpeedTrue-AvgPT10M	calculated true wind speed 10min avg	m/s	Database	Calculated based on true values from Thies Clima Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	SPRS	
Oden.Met.WindSpeedTrue-AvgPT2S	calculated true wind speed 2sec avg	m/s	Database	Calculated based on true values from Thies Clima Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	SPRS	
Oden.Met.WindSpeedTrue-By2sPT10M	calculated true wind speed, gust 10min avg	m/s	Database	Calculated based on true values from Thies Clima Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	SPRS	
Oden.Met.WindSpeedTrue-MaxPT10M	calculated true wind speed 10min max	m/s	Database	Calculated based on true values from Thies Clima Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	SPRS	
Oden.Met.WindSpeedTrue-MaxPT2M	calculated true wind speed 2min max	m/s	Database	Calculated based on true values from Thies Clima Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	SPRS	
Oden.Met.WindSpeedTrue-MinPT10M	calculated true wind speed 10min min	m/s	Database	Calculated based on true values from Thies Clima Ultrasonic Anemometer 2D, Anemometer 4.3820.40.260	SPRS	
Oden.Ship.COG	Ship GPS course over ground	° / deg	Oden	Oden navigation system	\N	

Oden.Ship.EastWest	Ship GPS East/West (ASCII 69/87)		Oden	Oden navigation system	\N	
Oden.Ship.GPS_Time	Ship GPS time	hhmmss	Oden	Oden navigation system	\N	
Oden.Ship.HDT	Ship GYRO heading	° / deg	Oden	Mechanical gyro (2): Simrad GC80 / GPS gyro (1, used at high latitudes): Furuno SC-110	\N	
Oden.Ship.Latitude	Ship GPS Latitude		Bridge roof	Oden navigation system	\N	
Oden.Ship.LatitudeDegrees	Ship GPS	° / deg	Bridge roof	Oden navigation system	\N	
Oden.Ship.Longitude	Ship GPS Longitude		Bridge roof	Oden navigation system	\N	2-minute resolution
Oden.Ship.LongitudeDegrees	Ship GPS	° / deg	Bridge roof	Oden navigation system	\N	2-minute resolution
Oden.Ship.NorthSouth	Ship GPS North/South (ASCII 78/83)		Bridge roof	Oden navigation system	\N	
Oden.Ship.ROT	Ship GYRO Rate of turn	°/m	Oden	Oden navigation system	\N	2-minute resolution
Oden.Ship.SeaPath.COg	Seapath320, course over ground	° / deg	sea chest	Seatex Seapath 320/MRU5	Kongsberg	
Oden.Ship.SeaPath.EastWest	Seapath320, East/West (ASCII 69/87)		sea chest	Seatex Seapath 320/MRU5	Kongsberg	
Oden.Ship.SeaPath.GGA_Qual	Seapath320, GPS signal quality		sea chest	Seatex Seapath 320/MRU5	Kongsberg	2-minute resolution
Oden.Ship.SeaPath.GPS_Date	Seapath320, Date	yyyymmdd	sea chest	Seatex Seapath 320/MRU5	Kongsberg	2-minute resolution
Oden.Ship.SeaPath.GPS_Time	Seapath320, Time		sea chest	Seatex Seapath 320/MRU5	Kongsberg	2-minute resolution
Oden.Ship.SeaPath.hdop	Seapath320		sea chest	Seatex Seapath 320/MRU5	Kongsberg	2-minute resolution
Oden.Ship.SeaPath.HDT	Seapath320, heading	° / deg	sea chest	Seatex Seapath 320/MRU5	Kongsberg	
Oden.Ship.SeaPath.head	Seapath320	° / deg	sea chest	Seatex Seapath 320/MRU5	Kongsberg	
Oden.Ship.SeaPath.head-qual	Seapath320		sea chest	Seatex Seapath 320/MRU5	Kongsberg	2-minute resolution
Oden.Ship.SeaPath.heave	Seapath320, heave	m	sea chest	Seatex Seapath 320/MRU5	Kongsberg	2-minute resolution
Oden.Ship.SeaPath.height	Seapath320	m	sea chest	Seatex Seapath 320/MRU5	Kongsberg	2-minute resolution
Oden.Ship.SeaPath.hgt-qual	Seapath320		sea chest	Seatex Seapath 320/MRU5	Kongsberg	2-minute resolution
Oden.Ship.SeaPath.horiz-qual	Seapath320		sea chest	Seatex Seapath 320/MRU5	Kongsberg	2-minute resolution
Oden.Ship.SeaPath.Latitude	Seapath320, Latitude		sea chest	Seatex Seapath 320/MRU5	Kongsberg	2-minute resolution
Oden.Ship.SeaPath.LatitudeDegrees	Seapath320	° / deg	sea chest	Seatex Seapath 320/MRU5	Kongsberg	2-minute resolution
Oden.Ship.SeaPath.Longitude	Seapath320, Longitude		sea chest	Seatex Seapath 320/MRU5	Kongsberg	2-minute resolution
Oden.Ship.SeaPath.LongitudeDegrees	Seapath320	° / deg	sea chest	Seatex Seapath 320/MRU5	Kongsberg	2-minute resolution
Oden.Ship.SeaPath.NorthSouth	Seapath320, North/South (ASCII 78/87)		sea chest	Seatex Seapath 320/MRU5	Kongsberg	
Oden.Ship.SeaPath.nsat	Seapath320	st	sea chest	Seatex Seapath 320/MRU5	Kongsberg	2-minute resolution
Oden.Ship.SeaPath.pdop	Seapath320		sea chest	Seatex Seapath 320/MRU5	Kongsberg	2-minute resolution
Oden.Ship.SeaPath.pitch	Seapath320	° / deg	sea chest	Seatex Seapath 320/MRU5	Kongsberg	2-minute resolution
Oden.Ship.SeaPath.pitch_rate	Seapath320	°/s	sea chest	Seatex Seapath 320/MRU5	Kongsberg	2-minute resolution
Oden.Ship.SeaPath.roll	Seapath320	° / deg	sea chest	Seatex Seapath 320/MRU5	Kongsberg	2-minute resolution
Oden.Ship.SeaPath.roll_rate	Seapath320	°/s	sea chest	Seatex Seapath 320/MRU5	Kongsberg	2-minute resolution
Oden.Ship.SeaPath.ROT	Seapath320, GYRO, rate of turn	°/min	sea chest	Seatex Seapath 320/MRU5	Kongsberg	2-minute resolution
Oden.Ship.SeaPath.rp-qual	Seapath320		sea chest	Seatex Seapath 320/MRU5	Kongsberg	2-minute resolution
Oden.Ship.SeaPath.SOG	Seapath320, speed over ground	kn	sea chest	Seatex Seapath 320/MRU5	Kongsberg	2-minute resolution
Oden.Ship.SeaPath.SOG_KMH	Seapath320, speed over ground in km/h	km/h	sea chest	Seatex Seapath 320/MRU5	Kongsberg	2-minute resolution
Oden.Ship.SeaPath.vdop	Seapath320		sea chest	Seatex Seapath 320/MRU5	Kongsberg	2-minute resolution
Oden.Ship.SeaPath.verical_rate	Seapath320	°/s	sea chest	Seatex Seapath 320/MRU5	Kongsberg	2-minute resolution
Oden.Ship.SeaPath.yaw_rate	Seapath320	°/s	sea chest	Seatex Seapath 320/MRU5	Kongsberg	2-minute resolution
Oden.Ship.SOG	Ship GPS speed over ground	kn	Oden	Ship GPS	\N	2-minute resolution
Oden.Ship.SOG_KMH	Ship GPS speed over ground calculated in db	km/h	Database	Calculated based Ship SOG	SPRS	2-minute resolution
Oden.Ship.VBW	Ship speed over water	kn	Oden	Oden navigation system	\N	2-minute resolution
Oden.Ship.VLW.Sum	Sumery distance for speed over water	nm	Oden	Oden navigation system	\N	2-minute resolution
Oden.Ship.VLW.Trip	Distance for speed over water (trip)	nm	Oden	Oden navigation system	\N	2-minute resolution
Oden.Water.Hull-Temperature1	First hull temperature PT100 Sensor, inside on hull at -4m sea level	°C	Dubbel hull tank4	PT100	\N	2-minute resolution
Oden.Water.Hull-Temperature2	Second hull temperature PT100 Sensor, inside on hull at -4m sea level	°C	Dubbel hull tank4	PT100	\N	2-minute resolution
Oden.Water.Inlet-Temperature	Sea water inlet att -8m PT100 temperature sensor	°C	Inlet	PT100	\N	2-minute resolution
Oden.Water.labwater.flow-PL.Flow	Flow sensor Kofferdam labwater Plastic sytem	l/s	Cofferdamm	MEATEST M921	BASI	2-minute resolution
Oden.Water.labwater.flow-PL.Temp	Temp in flow sensor Kofferdam labwater Plastic sytem	°C	Cofferdamm	MEATEST M921	BASI	2-minute resolution
Oden.Water.labwater.flow-SL.Flow	Flow sensor Kofferdam labwater StainlessSteal sytem	l/s	Cofferdamm	MEATEST M921	BASI	2-minute resolution
Oden.Water.labwater.flow-SL.Temp	Temp in flow sensor Kofferdam labwater StainlessSteal sytem	°C	Cofferdamm	MEATEST M921	BASI	2-minute resolution
Oden.Water.labwater.InletTemperature	Sea water inlet pipe temperature sensor PT100	°C	Tank3	PT100		Not calibrated, 2-minute resolution
Oden.Water.labwater.PL.Pressure	Calclatet value from PL.PressureRAW	Bar	Cofferdamm	BPT128Smart	BASI	2-minute resolution
Oden.Water.labwater.PL.PressureRAW	WARNING_Auto generated by SQL PutValue!	mA	Cofferdamm	BPT128Smart	BASI	2-minute resolution
Oden.Water.labwater.SL.Pressure	Calclatet value from SL.PressureRAW	Bar	Cofferdamm	BPT128Smart	BASI	2-minute resolution
Oden.Water.labwater.SL.PressureRAW	WARNING_Auto generated by SQL PutValue!	mA	Cofferdamm	BPT128Smart	BASI	2-minute resolution
Oden.Water.SBE38-tank.Temperature	Sea water inlet flowcell temperature sensor	°C	Tank3	SBE38	Seabird	
Oden.Water.SBE45-kofferdamm.Conductivity	SBE45 sea water system, conductivity	S/m	Cofferdamm	SBE45	Seabird	2-minute resolution
Oden.Water.SBE45-kofferdamm.Salinity	SBE45 sea water system, salinity	psu	Cofferdamm	SBE45	Seabird	2-minute resolution
Oden.Water.SBE45-kofferdamm.SoundSpeed	SBE45 sea water system, sound speed	m/s	Cofferdamm	SBE45	Seabird	2-minute resolution
Oden.Water.SBE45-kofferdamm.Temperature	SBE45 sea water system, water temperature	°C	Cofferdamm	SBE45	Seabird	2-minute resolution
Oden.Water.SBE45-mainlab.Conductivity	SBE45 sea water system, conductivity	S/m	MainLab	SBE45	Seabird	2-minute resolution
Oden.Water.SBE45-mainlab.Salinity	SBE45 sea water system, salinity	psu	MainLab	SBE45	Seabird	2-minute resolution
Oden.Water.SBE45-mainlab.SoundSpeed	SBE45 sea water system, sound speed	m/s	MainLab	SBE45	Seabird	2-minute resolution
Oden.Water.SBE45-mainlab.Temperature	SBE45 sea water system, water temperature	°C	MainLab	SBE45	Seabird	2-minute resolution
Oden.Water.Valeport-SVS.SeaTemperature	Valeport SVS water temperature, Sea water temperature of sound speed sensor	°C	sea chest	Valeport MiniSVS Sound Velocity Sensor 0652004-T	Valeport	2-minute resolution
Oden.Water.Valeport-SVS.SoundSpeed	Valeport SVS underwater Sound Speed (aprox -8m under the water surface)	m/s	sea chest	Valeport MiniSVS Sound Velocity Sensor 0652004-T	Valeport	2-minute resolution