

# Metadata

|                                     |  |
|-------------------------------------|--|
| <b>Standardized Instrument Name</b> | CTD  |
| <b>Scheme URI</b>                   | <a href="http://vocab.nerc.ac.uk/collection/S04/current/S0458/">http://vocab.nerc.ac.uk/collection/S04/current/S0458/</a>  |
| <b>Term URI</b>                     | SDN:S04:S0458  |
| <b>Instrument DOI</b>               |  |
| <b>Instrument Unique ID</b>         | 066170   |
| <b>ID Type</b>                      | Serial Number  |
| <b>Model No.</b>                    |  |
| <b>Instrument Type</b>              | Baseline   |
| <b>Description</b>                  | The RBRconcerto3 CTD (conductivity, temperature and depth) is a submersible instrument that is self-contained, accurate and autonomous; it can be deployed for a period of up to 5 years at 1 minute sampling intervals and data is retained in memory even after the batteries are removed. |
| <b>Manufacturer</b>                 | RBR  |
| <b>Manufacturer type</b>            | Organizational   |
| <b>Notes</b>                        |  |
| <b>Sensor Details</b>               |  |
| <b>Sensor Details 1</b>             |  |
| <b>Instrument Sensor Name</b>       | Temperature  |
| <b>Instrument Sensor Serial No.</b> |  |
| <b>Sensor Range</b>                 | -5°C to 35°C   |
| <b>Sensor Sensitivity</b>           | ±0.002°C   |
| <b>Sensor Units</b>                 | degrees Celcius (°C)   |
| <b>Last Calibration Date</b>        |  |

## Sensor Details 2

**Instrument  
Sensor Name** Conductivity

**Instrument  
Sensor Serial  
No.**

**Sensor Range** 0-85mS/cm

**Sensor  
Sensitivity**  $\pm 0.003$ mS/cm

**Sensor Units** mS/cm

**Last Calibration  
Date**

## Sensor Details 3

**Instrument  
Sensor Name** Pressure (depth)

**Instrument  
Sensor Serial  
No.**

**Sensor Range** 20 / 50 / 100 / 200 / 500 / 750 / 1000 / 2000 / 4000 / 6000m (dbar)

**Sensor  
Sensitivity**  $\pm 0.05\%$  full scale

**Sensor Units** dbar

**Last Calibration  
Date**

# Related Datasets

**Title** Repulse Bay Moorings and CTDs 2019-2022

**URL** <https://canwin-datahub.ad.umanitoba.ca/data/fr/dataset/repulse-bay-moorings-and-ctds-2019-2022>