

# Metadata

|                                     |                                                                                                                                                                                                 |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Standardized Instrument Name</b> | Idronaut Ocean Seven 304 CTD                                                                                                                                                                    |
| <b>Scheme URI</b>                   | <a href="http://vocab.nerc.ac.uk/collection/L22/current/TOOL0861/">http://vocab.nerc.ac.uk/collection/L22/current/TOOL0861/</a>                                                                 |
| <b>Term URI</b>                     | SDN:L22::TOOL0861                                                                                                                                                                               |
| <b>Instrument DOI</b>               |                                                                                                                                                                                                 |
| <b>Instrument Unique ID</b>         | 1/EQ                                                                                                                                                                                            |
| <b>ID Type</b>                      | 0306149                                                                                                                                                                                         |
| <b>Model No.</b>                    |                                                                                                                                                                                                 |
| <b>Instrument Type</b>              | Baseline                                                                                                                                                                                        |
| <b>Description</b>                  | A low powered micro conductivity temperature depth (CTD) recorder containing 512 Mb logging memory, selectable conductivity range and fast sampling rate between 0.1 - 8 Hz. Located in Lab 566 |
| <b>Manufacturer</b>                 | Idronaut                                                                                                                                                                                        |
| <b>Manufacturer type</b>            | Organizational                                                                                                                                                                                  |
| <b>Notes</b>                        | Idronaut 0306149 was calibrated for Freshwater.                                                                                                                                                 |
| <b>Sensor Details</b>               |                                                                                                                                                                                                 |
| <b>Sensor Details 1</b>             |                                                                                                                                                                                                 |
| <b>Instrument Sensor Name</b>       | OceanSeven304 CTD Pressure Sensor                                                                                                                                                               |
| <b>Instrument Sensor Serial No.</b> | 0306149                                                                                                                                                                                         |
| <b>Sensor Range</b>                 | 0 to 1000                                                                                                                                                                                       |
| <b>Sensor Sensitivity</b>           | 0.05 % F.S.                                                                                                                                                                                     |
| <b>Sensor Units</b>                 | dBar                                                                                                                                                                                            |
| <b>Last Calibration Date</b>        | 2021-01-20                                                                                                                                                                                      |

## Sensor Details 2

|                                     |                                      |
|-------------------------------------|--------------------------------------|
| <b>Instrument Sensor Name</b>       | OceanSeven304 CTD Temperature Sensor |
| <b>Instrument Sensor Serial No.</b> | 0306149                              |
| <b>Sensor Range</b>                 | -5 to +35                            |
| <b>Sensor Sensitivity</b>           | 0.005                                |
| <b>Sensor Units</b>                 | °C                                   |
| <b>Last Calibration Date</b>        | 2021-01-20                           |

## Sensor Details 3

|                                     |                                       |
|-------------------------------------|---------------------------------------|
| <b>Instrument Sensor Name</b>       | OceanSeven304 CTD Conductivity Sensor |
| <b>Instrument Sensor Serial No.</b> | 0306149                               |
| <b>Sensor Range</b>                 | 0...6400                              |
| <b>Sensor Sensitivity</b>           | 1                                     |
| <b>Sensor Units</b>                 | μS/cm                                 |
| <b>Last Calibration Date</b>        | 2021-01-20                            |

## Sensor Details 4

|                                     |                                    |
|-------------------------------------|------------------------------------|
| <b>Instrument Sensor Name</b>       | OceanSeven304 CTD Turbidity Sensor |
| <b>Instrument Sensor Serial No.</b> | 0306149                            |
| <b>Sensor Range</b>                 | 25, 125, 500, >750                 |
| <b>Sensor Sensitivity</b>           | 200, 40, 10, 2 mV/FTU              |
| <b>Sensor Units</b>                 | FTU                                |
| <b>Last Calibration Date</b>        | 2021-01-21                         |

# Related Datasets

|              |                                                                                                                                                                           |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Title</b> | Lake Winnipegosis CTD Idronaut data                                                                                                                                       |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/en/dataset/mbgl-lwo-idronaut">https://canwin-datahub.ad.umanitoba.ca/data/en/dataset/mbgl-lwo-idronaut</a>           |
| <b>Title</b> | Waterhen Lake CTD Idronaut Data                                                                                                                                           |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/en/dataset/mbgl-lwh-idronaut-data">https://canwin-datahub.ad.umanitoba.ca/data/en/dataset/mbgl-lwh-idronaut-data</a> |

# Campaigns

|              |                                                                                                                                                                             |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Title</b> | MBGL Synoptic Survey 1 May-June 2016                                                                                                                                        |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/en/campaign/mbgl-ss1-may-june-2016">https://canwin-datahub.ad.umanitoba.ca/data/en/campaign/mbgl-ss1-may-june-2016</a> |
| <b>Title</b> | MBGL_2021_09_M2                                                                                                                                                             |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/en/campaign/mbgl_2021_09_m2">https://canwin-datahub.ad.umanitoba.ca/data/en/campaign/mbgl_2021_09_m2</a>               |
| <b>Title</b> | mbgl_2020S2                                                                                                                                                                 |
| <b>URL</b>   | <a href="https://canwin-datahub.ad.umanitoba.ca/data/en/campaign/mbgl_2020s2">https://canwin-datahub.ad.umanitoba.ca/data/en/campaign/mbgl_2020s2</a>                       |