

# 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>