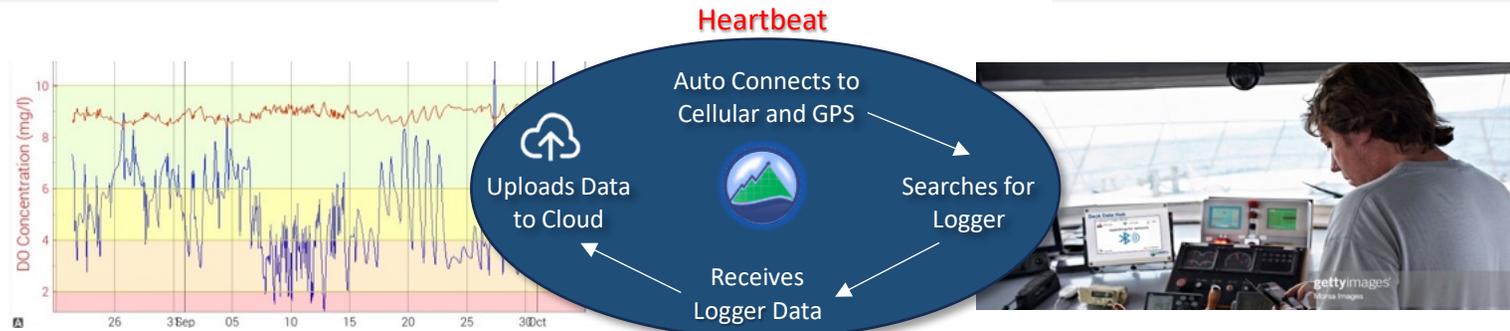


Overview

What is the DDH? What does it do?



Initial Setup / Equipment Provided

of the Collection System

Data Logger



Suggested Logger Placement



- For mounting on crab or lobster trap, logger should be mounted on top vs bottom (away from mud/sand).
- Typically attached using tie wraps.

Deck Data Hub (DDH)



- Mount in wheelhouse, on the side **where traps are hauled**. Comes with **mounting feet** and **acrylic plate**. Plate typically mounted with supplied double-sided velcro.
- **Direct line-of-sight** communication is **preferred**. **Obstacles** (metal, thick walls etc.) will create interference and significantly decrease range.

DDH 12 V Power Supply w/ DC Adapter

- Designed to withstand small power interruptions (battery transitions occurrences etc.)
- Includes configurable power cable options for 120 VAC or 12 VDC to connect with your vessel's power source.

Basic Operations

1 Powering Up 2-3 mins

Suggestion: Power up DDH when you start up the vessel to allow time for boot up and GPS signal acquisition.

- Connect to vessel's power source.
- **POWER** button, is located on **LEFT-HAND SIDE** of deck. (Push once. No need to hold button.) Button will light up.
- Deck will go into **boot up mode** and **automatically start the logger application.**

**Seeing a black screen during this time-period is normal. Boot-up process takes time and the screen display will often switch from black, to desktop display, to eventually start the software program.*

2 GPS and Cellular Signal Search/Sync ~5 mins

Suggestion: Being near a window in wheelhouse will aid in GPS signal pickup.

- GPS search and sync is an **Automatic Process**
- DDH's internal chip accesses GPS signals **independently** of cellular.

Waiting for GPS Screen Display

Syncing GPS Screen Display

Icon appears & dot progresses while in waiting mode.

If this icon appears, GPS satellites cannot be found. Move deck closer to a window.

If sync process takes more than 5 mins, move deck closer to a window.

3 Logger Search Continually Searching

Icon displays during **Searching For Logger** process.

Icon with neighboring text reveals what type of **Wireless Communication** you have.

4 Download Logger Data ~1 minute

- Logger data download is an **automatic process** that occurs when:
- A logger is in range with a **good line-of-sight.**
 - **Pre-configured time** has expired since last download. [Typically 1/day for fixed gear & 1/hr for mobile gear.]

Icon displays during **Logger Data Download**, with a moving arrow showing progress.

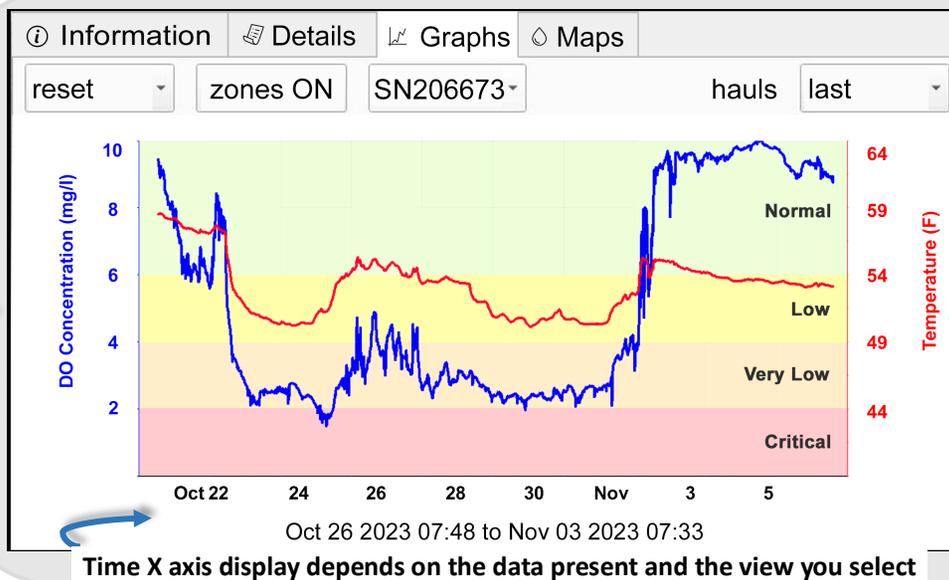
5 Download Success/Cloud Upload

Icon displays when data download is **successful.**

retrying If unsuccessful, the DDH will attempt to retry download. often cause wireless signal loss

ok Indicates **successful cloud upload.** This is an **Automatic Process** that occurs once an adequate cell signal is available.

6 Graphs Tab



Always scales from 0-10

Auto-scales on data

Graphs Continued - Visualizing Data

area of interest

Use your finger to draw a box around a specific portion of the data to zoom in.

reset view

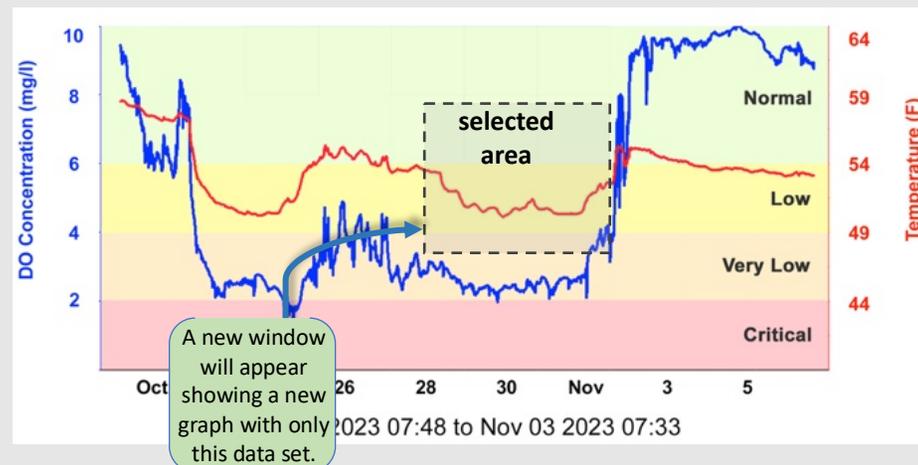
Returns you to default-view

SN111

Drop-down menu to view data from another logger.

last

Drop-down menu for selecting haul data. Options: last (view from last haul), all (ALL data for one specific logger, single (data from each specific haul).



7 Details Tab

Information **Details** Graphs Maps

First: Tap on Details Tab to reveal table.

logger	result
2006658	success on Sep 18 12:42 at +41.9193, -70.1361
2006664	success on Sep 18 10:22 at +42.0266, -70.1706
2006662	success on Sep 17 15:06 at +41.9193, -70.1361
2006661	success on Sep 17 04:20 at +42.0037, -70.1924
2006663	success on Sep 16 21:12 at +41.9353, -70.2228
2006660	success on Sep 16 09:05 at +41.8710, -70.5059
2006659	success on Sep 15 16:46 at +41.8121, -70.4781
2006657	success on Sep 15 11:59 at +41.9193, -70.1361

logger serial number matches label on housing

coordinates where logger download occurred

debugging info for support

+41.998536, -70.185444 12 GPS satellites

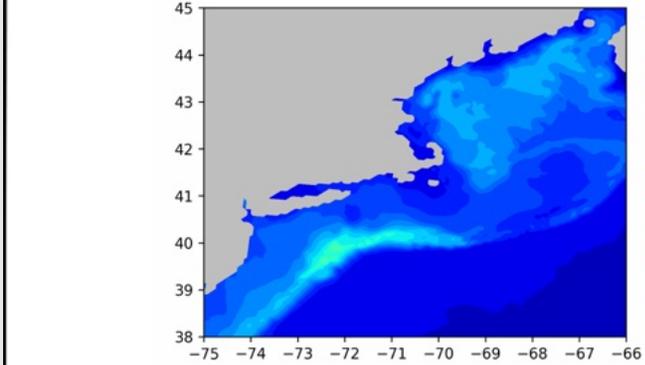
uptime 6:12:13 cnv_ok BT_internal version: a3732

8 Maps Tab

Information Details Graphs **Maps**

America/New_York, 2024 Feb 25 19h

Tap on Maps Tab to reveal a 3 day bottom temperature forecast



Bottom Temp (F)

80.0
75.2
69.8
64.4
59.0
53.6
48.2
42.8
37.4
32.0