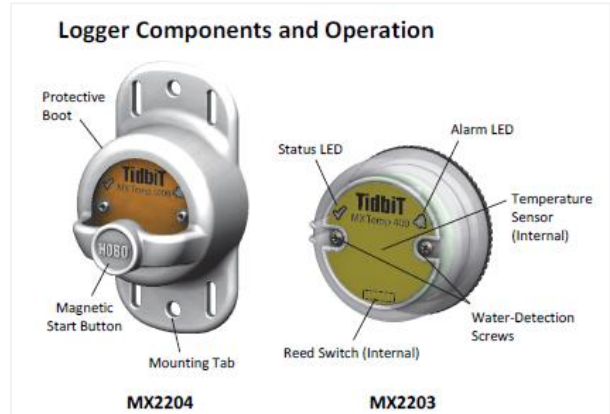


QuickGuide
Hobo Tidbits
CN 004.42 Appendix C

These instructions represent a “Quick Guide” and should not be construed as a replacement to the Onset MX2203 TidBit Manual. That Manual may be found at:

<https://www.onsetcomp.com/sites/default/files/2023-01/21537-N%20MX2203%20and%20MX2204%20Manual.pdf>

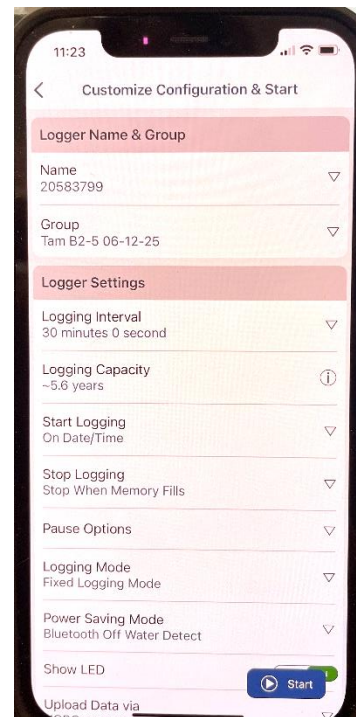
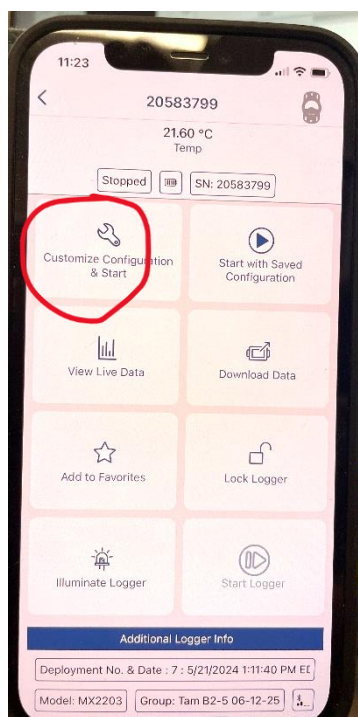
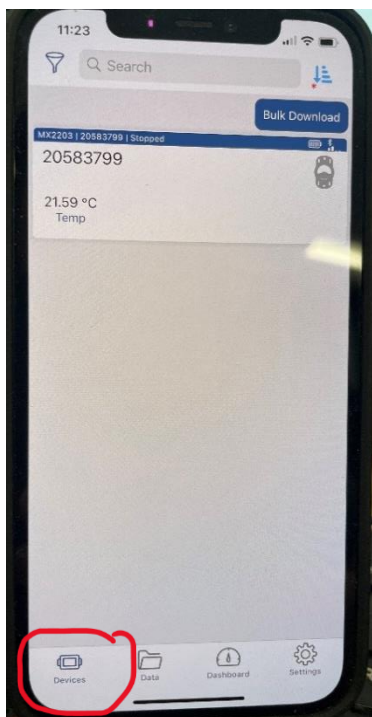
Background: The Onset TidBit Temperature Loggers are controlled via Bluetooth (no cable). You must connect to them with either an AppleOS or Android device (your cell phone).



DOWNLOAD the “HoboConnect” application from PlayStore or Itunes.

LAUNCH TidBits for deploy:

1. Launch the HoboConnect app on your phone. (Make sure Bluetooth is ON in your phone.)
2. Go to the “Devices” tab (on the bottom of your screen)
3. Connect with the TidBit you want to set up:
 - a. If the Tidbit is inactive, press the magnetic button in the boot for 2-3 seconds (or use another magnet) to wake. The TidBit serial number should appear on your phone screen in a few moments.
 - b. Tap the TidBit number to connect. A window should read, “connecting to tidbit”. When connected, a new screen appears.
4. Pick “Customize Configuration and Start”



5. Select the following settings:
 - a. Group name (optional): project name
 - b. Logging interval: "custom" 30 minutes
 - c. Logging to start: "on Date/Time" on the deploy date at 06:00 (check the probe request sheets for start dates)
 - d. Stop logging: "Stop When Memory Fills"
 - e. Pause Options: leave not checked
 - f. Logging Mode: "Fixed Logging Mode"
 - g. Power Saving Mode: "Bluetooth Off Water Detect"
 - h. Upload Data Via: "HOBOLink"
6. If you are satisfied with your configuration, click "start" at the bottom of your screen. In a few seconds, the Tidbit will re-appear in the list of devices and show the status as "waiting for delayed start"
7. If it is not already, put the logger in the protective boot. Line up the ridges on the TidBit with the slot on the grey rubber housing. The tidbit is now ready to go.

SET UP HOBOLink: Under Settings from the main HoboConnect screen, set up a connection to the WPP account for HOBOLink. This will allow data to upload to the cloud automatically. (This is a backup option only. Please still send the data via email or upload to OneDrive).

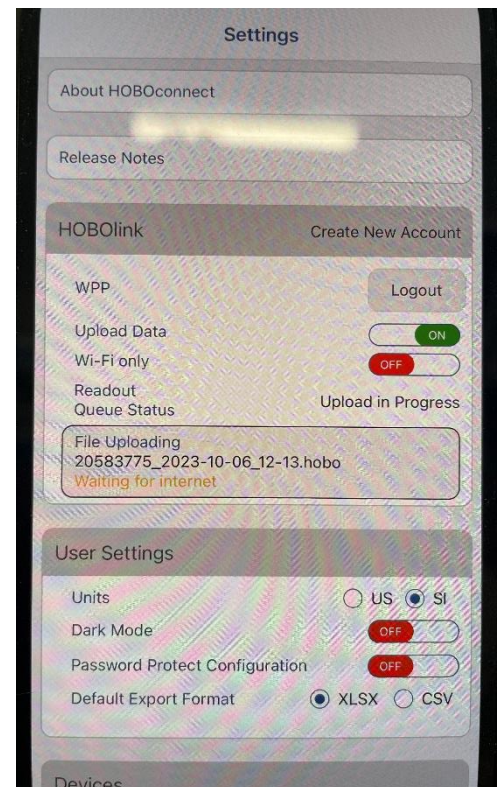
1. Connect account:
 - a. Account name: WPP
 - b. PassWord: @8NewBond
2. Set Upload Data: ON
3. Set Wi-Fi only: ON (can leave off to upload using cellular data)
4. User settings:
 - a. Units: SI
 - b. Dark Mode: off
 - c. Password Protect Configuration: off
 - d. Default Export Format: CSV

READOUTS: You can (and probably should) readout the tidbit data when you do a field QC. With your phone you should be able to connect and readout the data from the Tidbit. This will NOT stop the tidbit from recording. This will NOT amend the onboard file in anyway. This will ensure that we will have the data up unto the date of the last QC.

1. Lift the tidbit out of the water to activate Bluetooth.
2. Tap "Devices" and select the logger from the list
3. Select "Download Data"
4. When the download is done, select "Done"

SEND DATA: At the end of the field day (or when you're back in the office), send the downloaded data to the Field & Lab Operations Coordinator.

1. Select "Data" (from the main screen)
2. "Export and Share"
3. Select up to 20 files and "Export"
4. Choose the format from the popup window (click the format name and use the roll bar to select): CSV
5. At the prompt "Export Successful. Do you want to share the files": Share



6. Choose Outlook from the options. Email to: suzanne.flint@mass.gov
7. Give the email a subject including the project name and date.
(Note: you could also upload your files directly to OneDrive if you're using your state cellphone.)

