

South Florida/Caribbean Network

National Park Service
Inventory and Monitoring Division



Standard Operating Procedure WT05

**.hobo File Renaming Procedure, Conversion and Storage—Version 1.0*

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Purpose

This standard operating procedure (SOP) describes the process for renaming *.hobo files and converting them into *.csv format and the archival procedure for these files.

Revision Log

Revision Date	Author	Changes Made	Reason for Change	New Version #

Procedures

Renaming the *.hobo Files

1. Browse to the location where the files are stored. Keep this Windows Explorer window open. You will be coming back to it in step 7.
2. Double-click on the *.hobo file. This will open the file in HOBOWare[®] Pro.
3. In the 'Plot Setup' screen, put a check in Series 1, for "Temp" measurement, and set units to °C.
4. Remove the check in Series 2, Battery.
5. Click the 'Plot' button in the lower-right, Plot Setup dialog box. You should see a graph of the data.
6. Click the 'Show All' button on the left side of the screen to reveal metadata details. This will provide all the information you need to rename the *.hobo file.
7. Return to the Windows Explorer window where the *.hobo files are located.
8. Use the data provided in HOBOWare[®] Pro to rename the file with the following sections, each separated by an underscore.
 - a. Park Code (e.g., DRTO)
 - b. Site Name (e.g., I33)
 - c. Logger Number (1 or 2)
 - d. Serial Number (e.g., 2011222)
 - e. Original Sample Date (e.g., 20080512)
 - f. Last Sample Date (e.g., 20090615)

Example filename: DRTO_I33_2_2011222_20080512_20090615.hobo

9. This needs to be repeated for each *.hobo file.
10. As each file is renamed, close the file in HOBOWare[®] Pro.
11. Do not close the Windows Explorer window showing the renamed files.

Creating the *.csv file from the *.hobo file in HOBOWare® Pro.

1. In the Windows Explorer window showing the renamed *.hobo files, double-click on a file. This will open the Plot dialog box in HOBOWare® Pro.
2. Check that “Temp” units are °C and change if necessary. If the units displayed are in °F, see note below on how to change default to metric settings.
3. Select “Plot” from the “Plot” setup dialog box.
4. In HOBOWare® Pro, click the ‘File’ menu and then select ‘Export Table Data’ or the icon .
5. In the Export Option dialog box, select ‘Export to a single file’ and click ‘Export.’
6. Browse to the desired output location (usually the same place the *.hobo file is stored).
7. This will create the *.csv file with the same naming structure as the *.hobo file.

Note: To change to metric units, open HOBOWare® Pro and click the units button and select “SI” (Figure 1). This should cause the program to default to °C in the future.

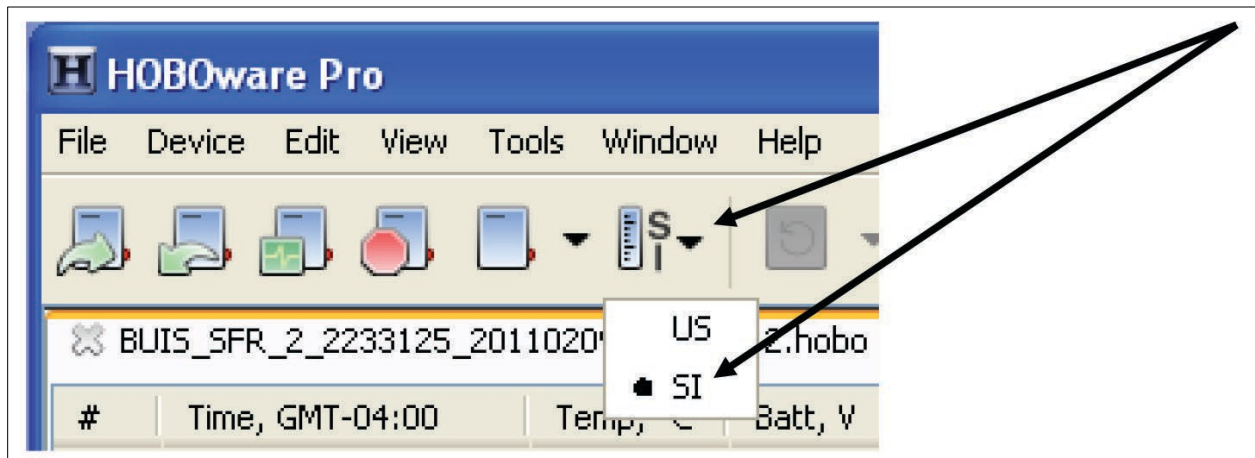


Figure 1. Location of SI button.