# Hamilton-Documentation

Overview on how to use the Hamilton

### Setting up the Hamilton Access

* Have a bridge account with access to the Hamilton Method Manager,Hamilton Method Editor, and Hamilton Daily/Weekly Maintenance
* Have physical connection with the Hamilton machine

# Before Running the Hamilton

Every day run the Hamilton Maintenance program and go through this checklist - [ ] Check to see if daily or weekly maintenance must be done - [ ] Run the respective maintenance programs if needed. This is shown in bold red **REQUIRED** in the software

# Running a Method on the Hamilton

* Access the Hamilton Method Manager
* Select method from ‘Hamilton Standard Method’ list
* Click on a method
* Select **Run Method**

# Components of a Hamilton Method

Every Hamilton method has several files that *must be* linked together

These files are the following

| File Name | File Description | File Type |
| --- | --- | --- |
| Hamilton HSL Method | Included libraries used in a method | .hsl |
| Hamilton System Deck | Deck layout for the method | .lay |
| Hamilton Method | Contains GUI-based Hamilton Method | .med |
| Hamilton RES File | Helper file for the Hamilton Method | .res |
| Hamilton Method Data | Helper file for the Hamilton Method | .stp |
| Hamilton SUB File | Helper file for the Hamilton Method | .sub |

The most important methods are the System Deck, HSL Method, and Method files.

System Deck: Contains layout of deck objects used for the respective Hamilton Method file and is linked with Hamilton Method file

Hamilton HSL Method: Contains all the necessary auxilliary libraries needed to run the Hamilton method.

Hamilton Method: Contains the actual **code** that the Hamilton processes to run the method.