Mnemonic Plotting Tool

The Mnemonic Plot Tool is useful for looking at mnemonic data, like voltages and temperatures, over time. This chapter contains two presentations, one for basic tool functions and another presentation for advanced functions.

Getting Started with Mnemonic Plot Tool

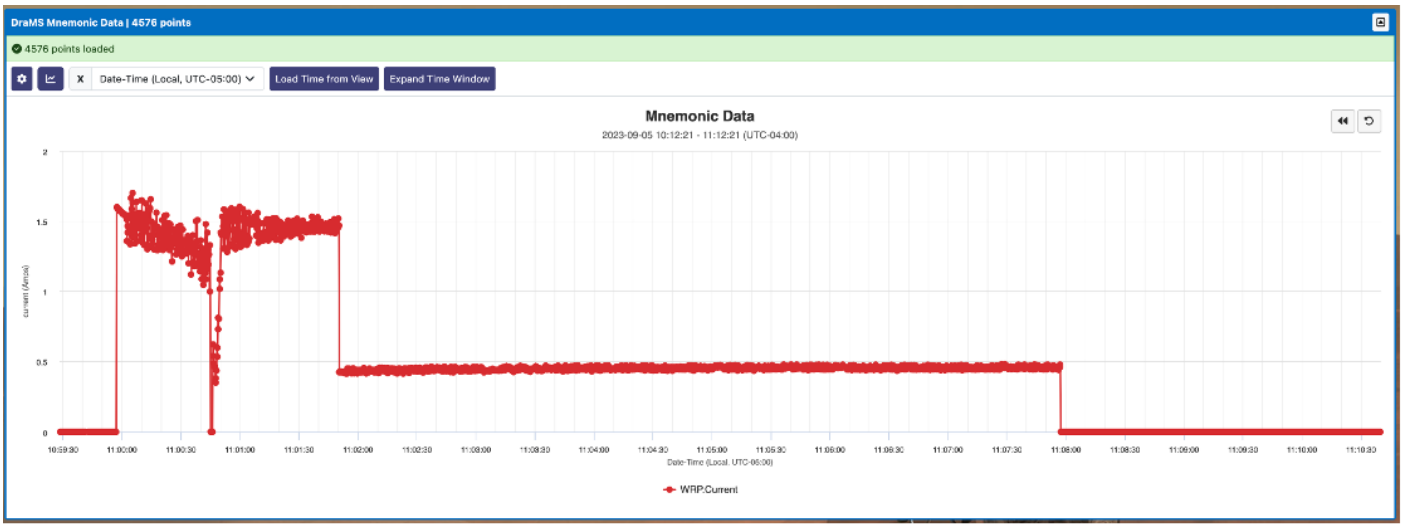
Mnemonics, sometimes called "housekeeping value", are simply named telemtry channels contain values over time. Typical mnemonics are voltages and temperature measured at a regular interval by the instrument.

Click here for a link to the tool

Click here to watch the training video

Click here to see a PDF of the training materials

Click here to download the training materials as a PowerPoint file.



Notes about Mnemonics

Mnemonic names can be anything, but by convention we use a "dot" notation. Using the dot notation, the name of a given telemetry value starts with the subsystem and gets more specific. For instance, for DrAMS, the Multi-Motor Control, aka "MMC", communicates and controls many mechanical systems. The names of the mnemonics for the MMC start with "MMC." followed by mechanical subsystem, followed by other distinguishing names.

Examples:

- mmc.apv.hk...
- mmc.pirani.hk...
- mmc.wrp.hk...
- mmc.msp.hk...

More Details about the Mnemonic Tool

This tutorial will cover more advanced features present in the Mnemonic Plot tool that were not covered in the base tutorial. These features will allow the user to further refine how data is displayed and include adjusting the binning mode, exploring the various methods of time range selection, and adjusting data thresholds.

Click here to launch the tool

Click here to watch the tutorial video

Click here to open the PDF training manual

Click here to download the training as PowerPoint file