OCS Training Workshop
LAB15

Clone functionality on Horner OCS

Introduction

The objective of this lab is to provide the necessary training to clone a Horner OCS. This will involve copying the program and all related details to the removable media card and load it into an identical piece of hardware. Horner OCS units with firmware greater than or equal to 12.5x have this clone functionality.

Overview

The following equipment is needed:

➢ One Horner OCS unit with firmware greater than 12.5x and with the required program fully loaded and working. This OCS will be cloned.
➢ A second identical Horner OCS with no program loaded to it (blank). This OCS <u>must</u> have the exact same firmware loaded to it as the first OCS being cloned above.
➢ Removable media card (MicroSD for example). Card size depends on user requirements. The max allowed is 2gb.

Cloning the Horner OCS

1. Take the unit you need to clone and access the system menu
2. Scroll to the Status option and put the unit into idle/stop mode.
3. Insert the removable media into the OCS slot.
4. Back in the system menu, scroll to the bottom and select the Clone Unit option and hit enter.
5. Press the F1/touch screen key for the prompt to clone the OCS. Allow this to complete. The length of time to clone will depend on the size of the program etc.
6. A successful clone message should appear. Select OK for this.
7. You can now escape out of the system menu and revert back to the screen of your program.
8. Remove the removable media card from the slot.
9. In the system menu, place your unit back into RUN mode if necessary.

Loading the Clone file to other the Horner OCS

1. Take the unit you are loading the clone file to and access the system menu. This is assuming this OCS meets the requirements as outlined above in the introduction and overview chapters.
2. Scroll to the Status option and put the unit into idle/stop mode.
3. Insert the removable media with the clone file on it into the OCS slot.
4. Back in the system menu, scroll to the bottom and select the Clone Unit option and hit enter.
5. In the removable media directory, scroll to the Clone .dat file.
6. Load this file. Depending on your OCS, you may need to press a soft key/function key next to the screen of the OCS or there may be a button to press on the touch screen of the device. Please allow time for this to complete.
7. Your OCS will then power cycle and you will now have your clone unit. You will even see register values in some fields that match the cloned device at the time of cloning.
8. In the system menu, place the unit into RUN mode when ready.

End of LAB 15