DXL Admin Configuration

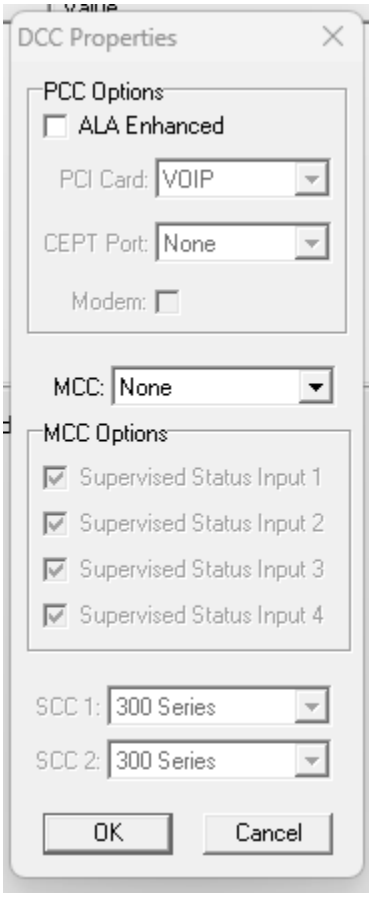
Additional notes on DXL Configurations:

Harding (Web view)

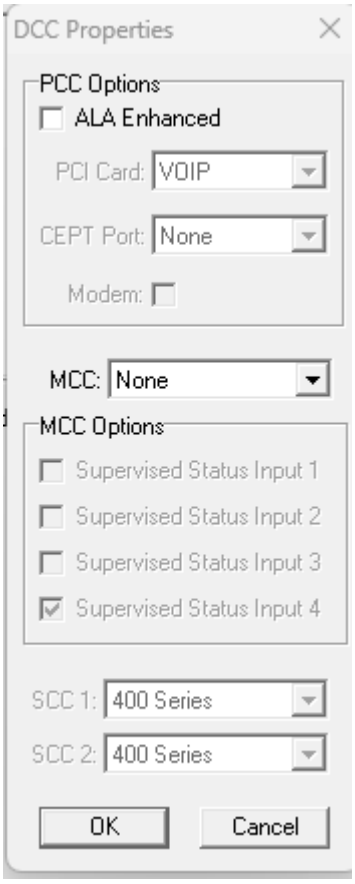
- New Project: jobnumber_name
- Version v01
- Go through the setup of adding all the items in the dropdown.
- Starting with the Exchanges -> DCC -> DCE -> Extra equipment
  - Each DCC will be an exchange.

-Make sure to add based on the Model number of the DCC
https://harding-tech.com/uploads/pdf/intercom/Specification%20Manuals/DS-DXL-DCC.pdf

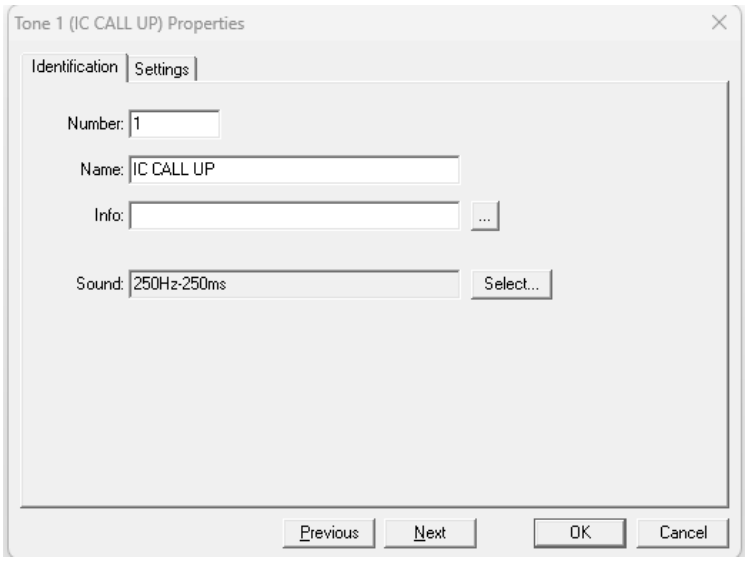
DCC-S100-3030-S100-00IP

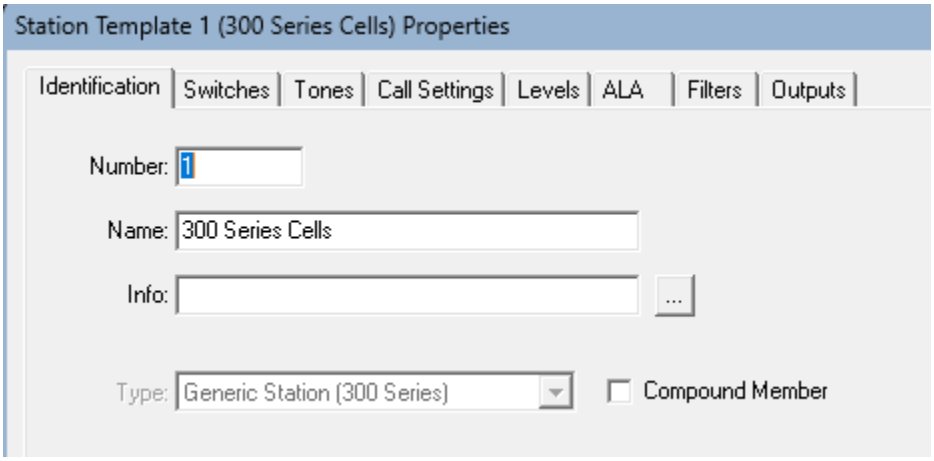


DCC-S100-4040-S100-00IP

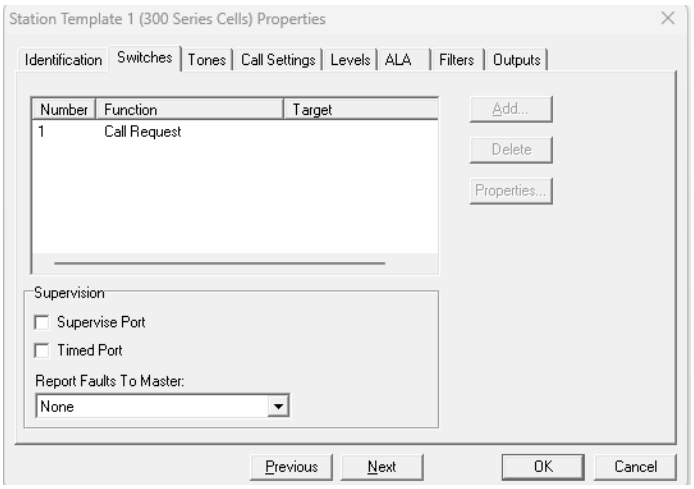


- Tones -> Station templates

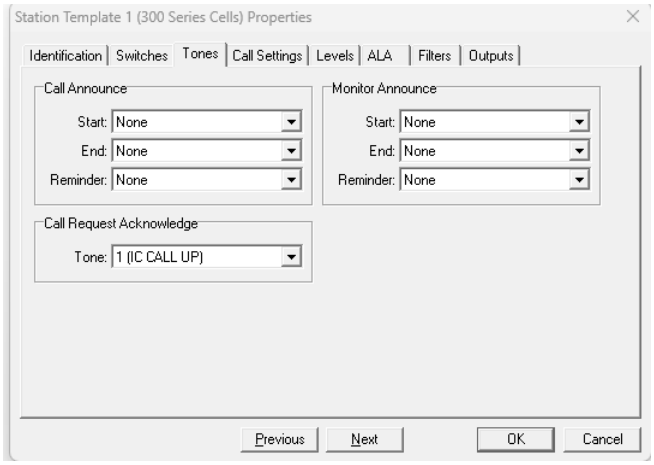




- This allows us to add a template for all multiple stations.

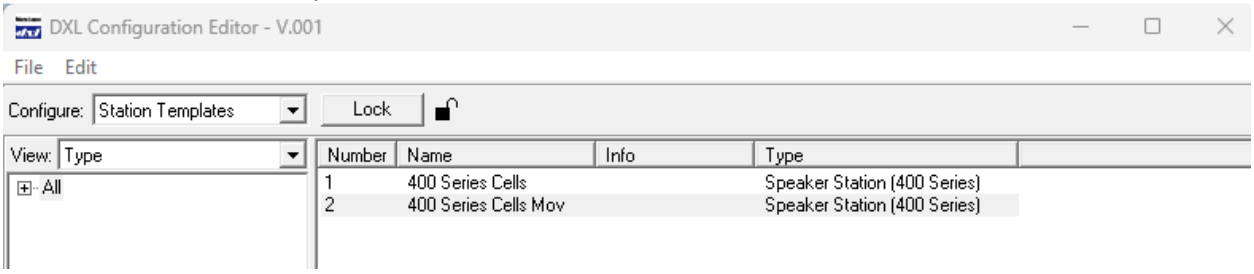


Add call requests in the "Switches" tab. Both Moving and Series Cells should have it.

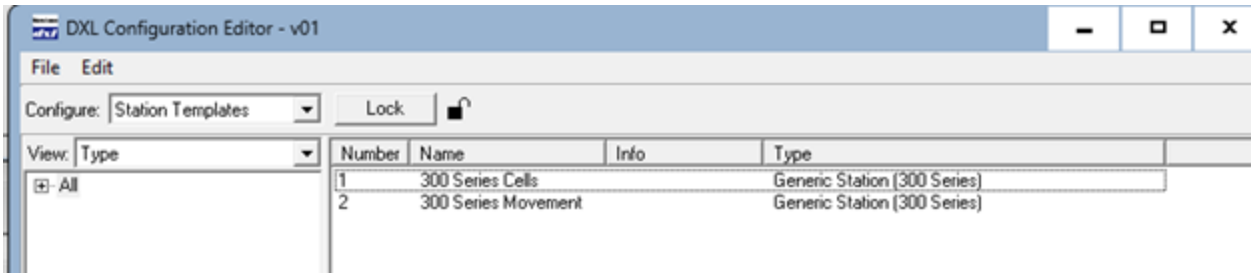


Add the tone

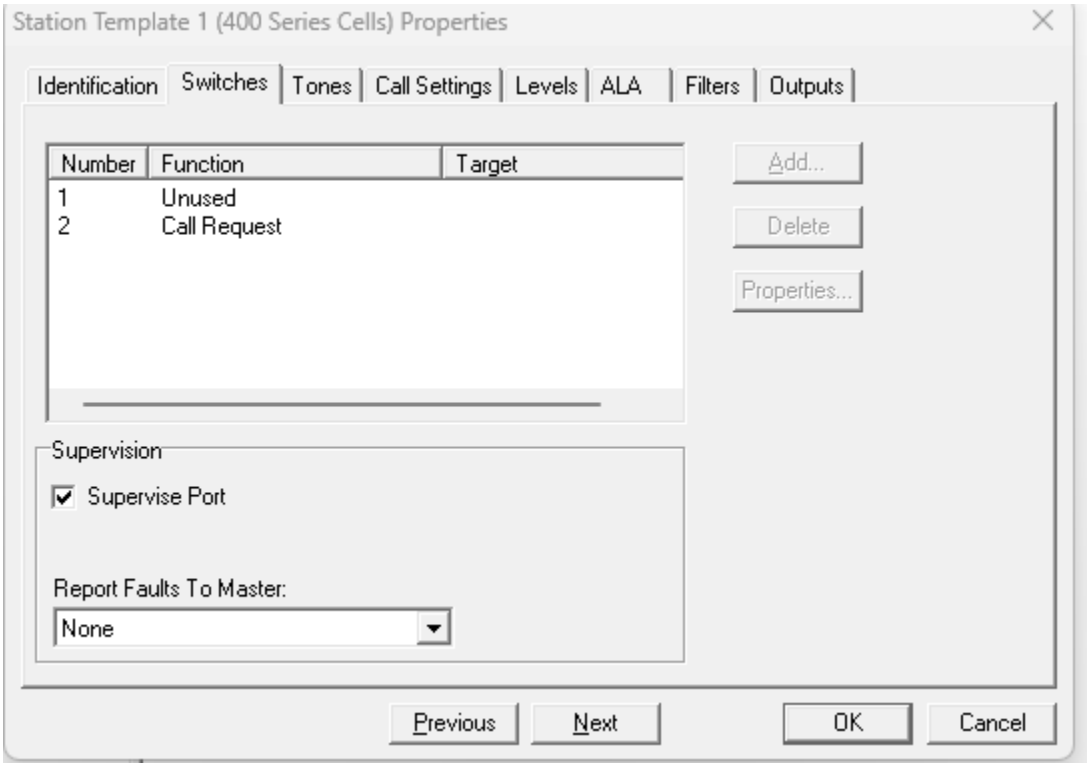
Below is what they will look like:



- 400 Series



• 300 Series



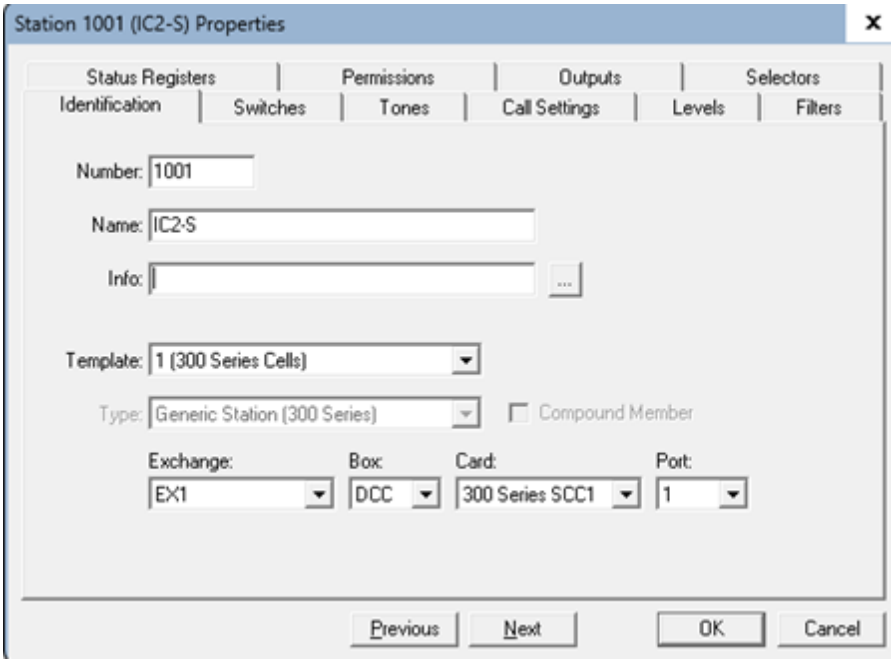
- 400 Series

For 400 Serious it supervises, it detects faults:
note that number 2 “Call Request” is where it's coming from.

IC board in the 400 series has two buttons.
1 = Duress
2 = Calling Button

Adding Stations

Add one station, making sure to add the right station number, Template, Exchange, Card



- Duplicate 31 times to add all the stations per DCC, DCE
- After adding all the stations its easer to rename them all wifh DB Browser

Rename each station using DB Browser

-Use the ClassInfo_IC excel file to copy over the ic name. (k4)

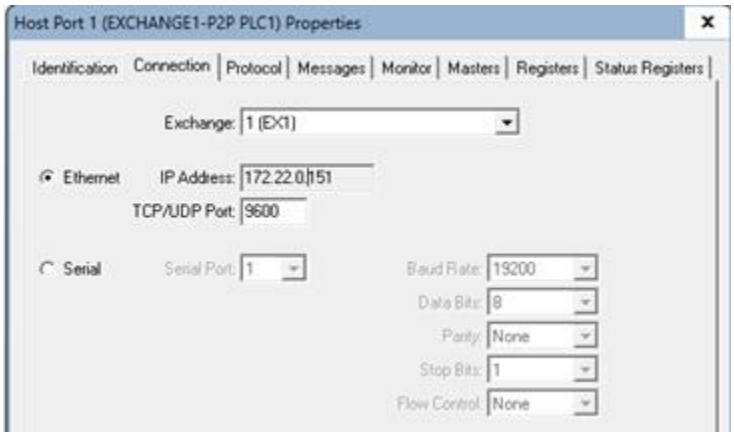
- Open DB Browser and open the DXL project file
- Go to the DXL Folder with the project
- Open the configuration.db file that's on the working version.
- Browse Data -> Table -> Device
- Device_kind_id groups all the type of data together.
- 6 = the station, 2 = Exchange,
- Rename all the Intercoms in "device_name" with given name and click on "Write Changes"
- This updates the configuration.db in DXL
- This will make it easier to modify multiple lines at once

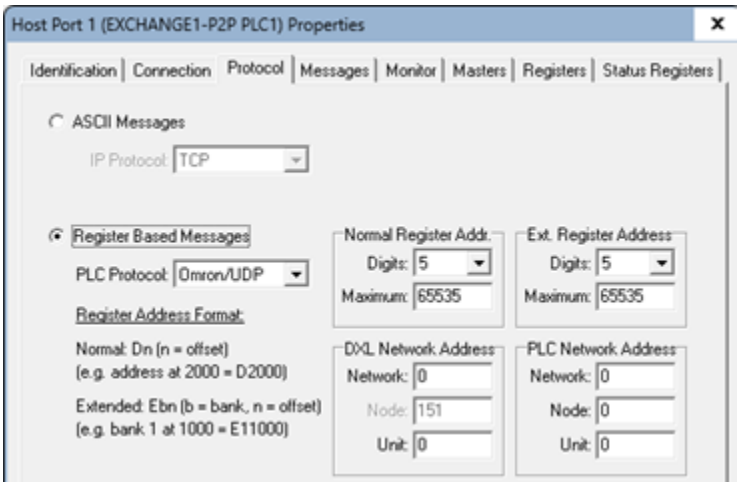
Add Host Ports

Document: OneDrive

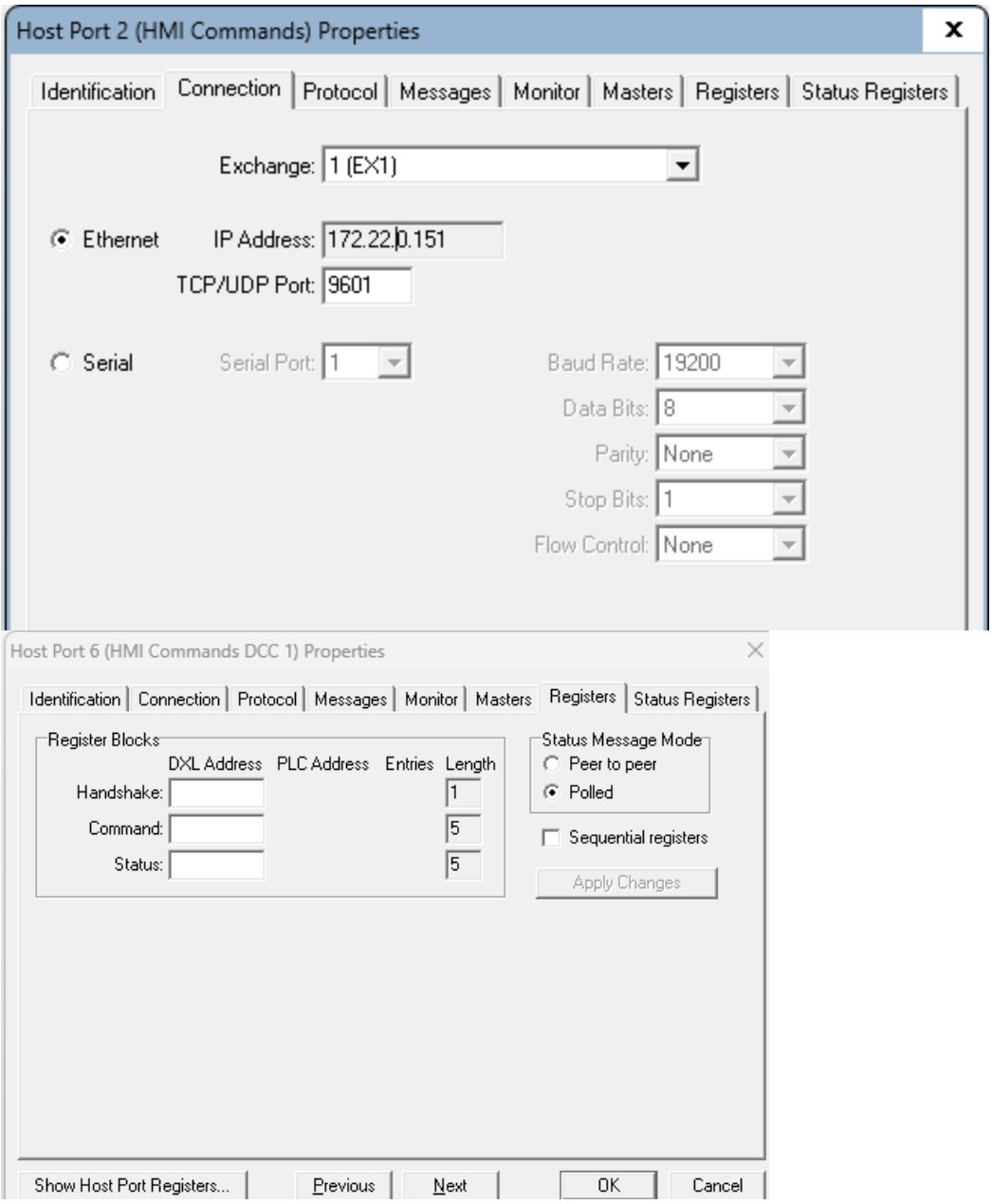
Add Ports to communicate from Exchange to PLC and for the HMI Commands to DCC

Exchange to PLC: Device Status P2P X1

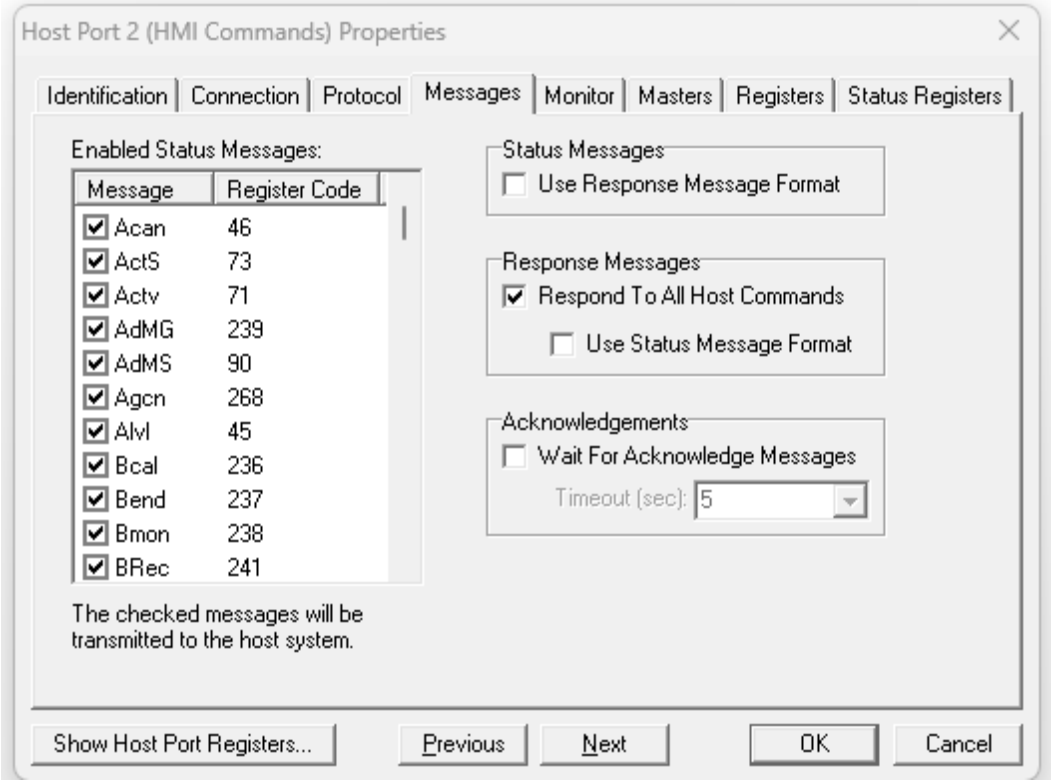


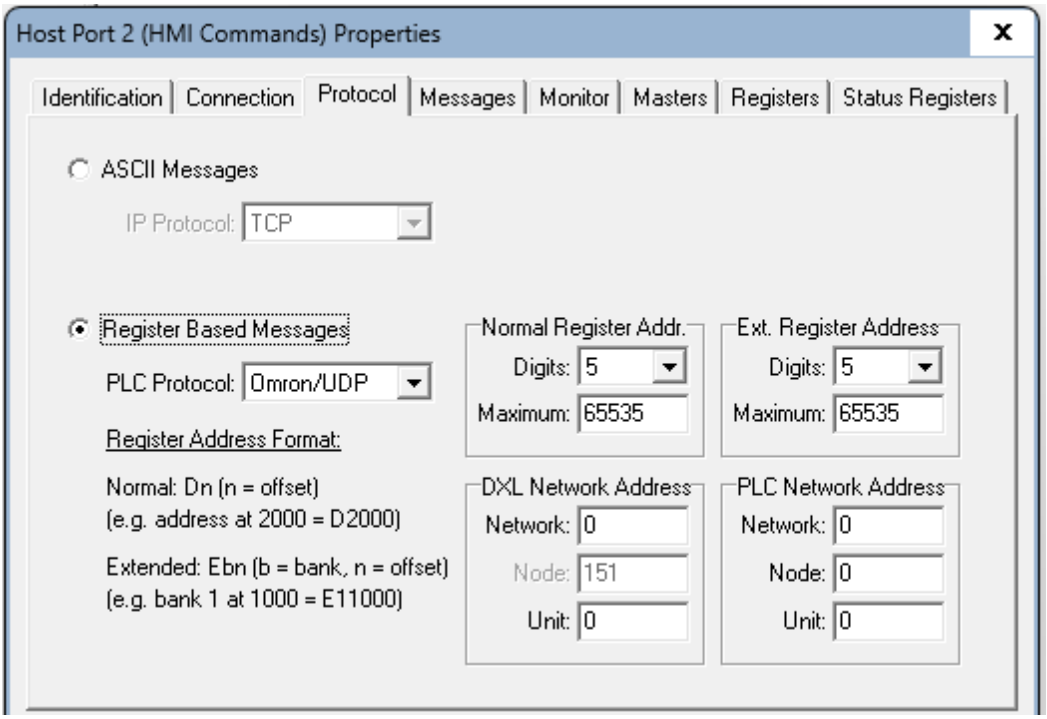


HMI Commands:



- Polled for HMI





Master: Assign Master Control

Registers: Change to Polled

Status Registers: Master Control

DXL Node has to be the last octet of the DCC and the same for PLC