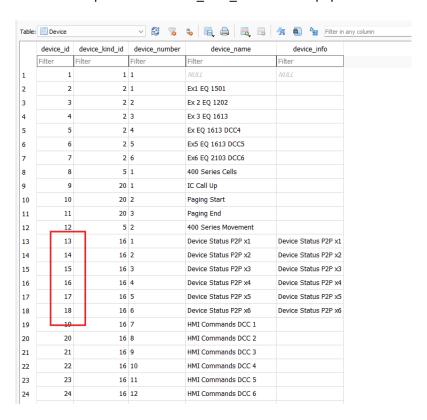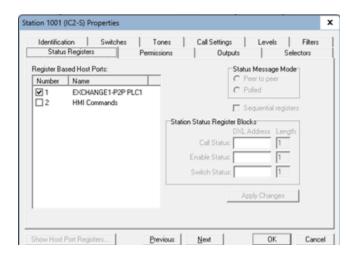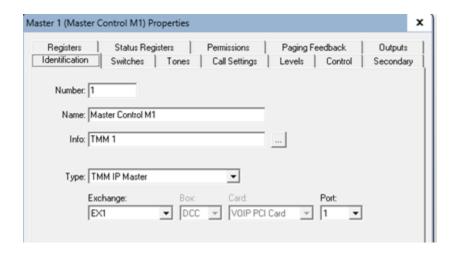# Assign registers in DB Browser.

- Save the InsertPartialRegisters.py in the same location as configuration.db
- Modify the python file SO it matches the station #'s that you have. So it can create the D registers.
- Make sure to change the port number on the .py file.
  - The host port is the device_kind_id = 16. each p2p has its own.

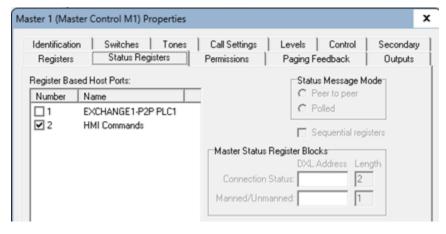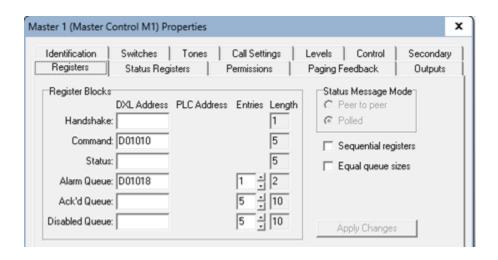|	device_id	device_kind_id	device_number	device_name	device_info
	Filter	Filter	Filter	Filter	Filter
1	1	1	1	NULL	NULL
2	2	2	1	Ex1 EQ 1501	
3	3	2	2	Ex 2 EQ 1202	
4	4	2	3	Ex 3 EQ 1613	
5	5	2	4	Ex EQ 1613 DCC4	
6	6	2	5	Ex5 EQ 1613 DCC5	
7	7	2	6	Ex6 EQ 2103 DCC6	
8	8	5	1	400 Series Cells	
9	9	20	1	IC Call Up	
10	10	20	2	Paging Start	
11	11	20	3	Paging End	
12	12	5	2	400 Series Movement	
13	13	16	1	Device Status P2P x1	Device Status P2P x1
14	14	16	2	Device Status P2P x2	Device Status P2P x2
15	15	16	3	Device Status P2P x3	Device Status P2P x3
16	16	16	4	Device Status P2P x4	Device Status P2P x4
17	17	16	5	Device Status P2P x5	Device Status P2P x5
18	18	16	6	Device Status P2P x6	Device Status P2P x6
19	19	16	7	HMI Commands DCC 1	
20	20	16	8	HMI Commands DCC 2	
21	21	16	9	HMI Commands DCC 3	
22	22	16	10	HMI Commands DCC 4	
23	23	16	11	HMI Commands DCC 5	
24	24	16	12	HMI Commands DCC 6	

- Run the multipleHostRegister.py if you have multiple exchanges.
- Run InsertPartialRegisters.py for single exchange

- To run the app go to the file path and run under the terminal: python file.py
- Go into DB Browser and see if all the new data is in the table
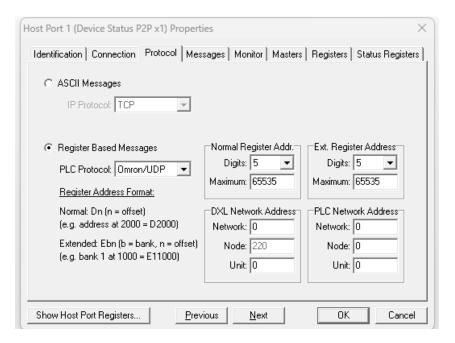- Each station now has a Hot Port. Check table Host_Port_Register_Block

Add Master

Master 1 (Master Control M1) Properties

Tabs: Identification | Switches | Tones | Call Settings | Levels | Control | Secondary
Registers | Status Registers | Permissions | Paging Feedback | Outputs

Register Blocks

	DXL Address	PLC Address	Entries	Length
Handshake:				1
Command:	D01010			5
Status:				5
Alarm Queue:	D01018		1	2
Ack'd Queue:			5	10
Disabled Queue:			5	10

Status Message Mode
- ○ Peer to peer
- ● Polled

☐ Sequential registers
☐ Equal queue sizes

Apply Changes

Host Port 1 (Device Status P2P x1) Properties

Tabs: Identification | Connection | Protocol | Messages | Monitor | Masters | Registers | Status Registers

○ ASCII Messages

IP Protocol: TCP

● Register Based Messages

PLC Protocol: Omron/UDP

Register Address Format:

Normal: Dn (n = offset)
(e.g. address at 2000 = D2000)

Extended: Ebn (b = bank, n = offset)
(e.g. bank 1 at 1000 = E11000)

Normal Register Addr.
Digits: 5
Maximum: 65535

Ext. Register Address
Digits: 5
Maximum: 65535

DXL Network Address
Network: 0
Node: 220
Unit: 0

PLC Network Address
Network: 0
Node: 0
Unit: 0

Show Host Port Registers... | Previous | Next | OK | Cancel

Depends on PLC.