

# RSLogix Micro Project Report



Processor Information

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Processor Type: Bul.1763      MicroLogix 1100 Series B

Processor Name: UNTITLED

Total Memory Used: 133 Instruction Words Used - 50 Data Table Words Used

Total Memory Left: 6523 Instruction Words Left

Program Files: 5

Data Files: 9

Program ID: 9095

I/O Configuration

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|   |          |                          |
|---|----------|--------------------------|
| 0 | Bul.1763 | MicroLogix 1100 Series B |
| 1 |          |                          |
| 2 |          |                          |
| 3 |          |                          |
| 4 |          |                          |

## Channel Configuration

## CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex

CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex Edit Resource/Owner Timeout: 60  
CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex Passthru Link ID: 1  
CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex Write Protected: No  
CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex Comms Servicing Selection: Yes  
CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex Message Servicing Selection: Yes  
CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex 1st AWA Append Character: \d  
CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex 2nd AWA Append Character: \a

Source ID: 1 (decimal)  
Baud: 19200  
Parity: NONE  
Control Line : No Handshaking  
Error Detection: CRC  
Embedded Responses: Auto Detect  
Duplicate Packet Detect: Yes  
ACK Timeout(x20 ms): 50  
NAK Retries: 3  
ENQ Retries: 3

## CHANNEL 1 (SYSTEM) - Driver: Ethernet

CHANNEL 1 (SYSTEM) - Driver: Ethernet Edit Resource/Owner Timeout: 60  
CHANNEL 1 (SYSTEM) - Driver: Ethernet Passthru Link ID: 1  
CHANNEL 1 (SYSTEM) - Driver: Ethernet Write Protected: No  
CHANNEL 1 (SYSTEM) - Driver: Ethernet Comms Servicing Selection: Yes  
CHANNEL 1 (SYSTEM) - Driver: Ethernet Message Servicing Selection: Yes

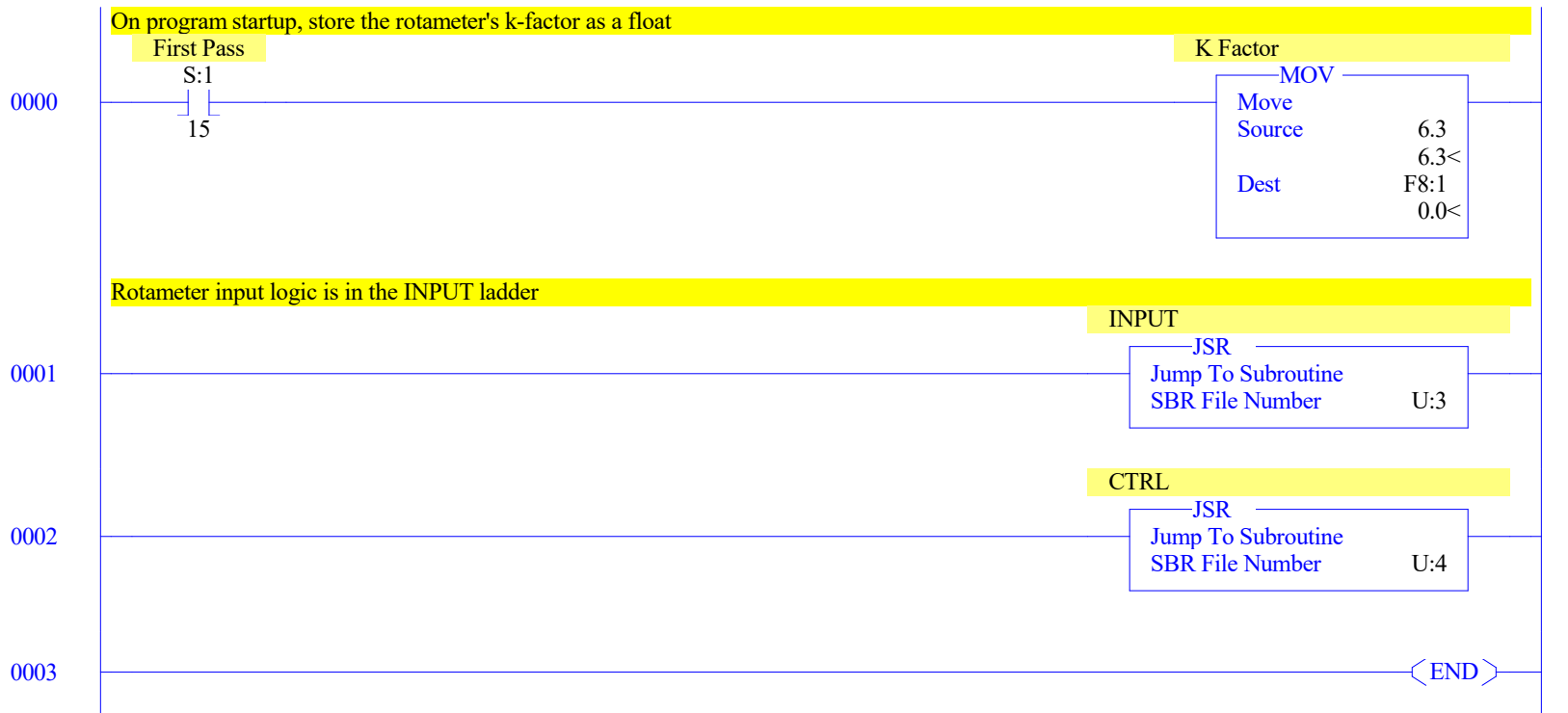
Hardware Address: 00:00:00:00:00:00  
IP Address: 0.0.0.0  
Subnet Mask: 0.0.0.0  
Gateway Address: 0.0.0.0  
Msg Connection Timeout (x 1mS): 15000  
Msg Reply Timeout (x mS): 3000  
Inactivity Timeout (x Min): 30  
Bootp Enable: Yes  
Dhcp Enable No  
SNMP Enable: No  
HTTP Enable: Yes  
Auto Negotiate Enable: Yes  
Port Speed Enable: 10/100 Mbps Full Duplex/Half Duplex  
Contact:  
Location:

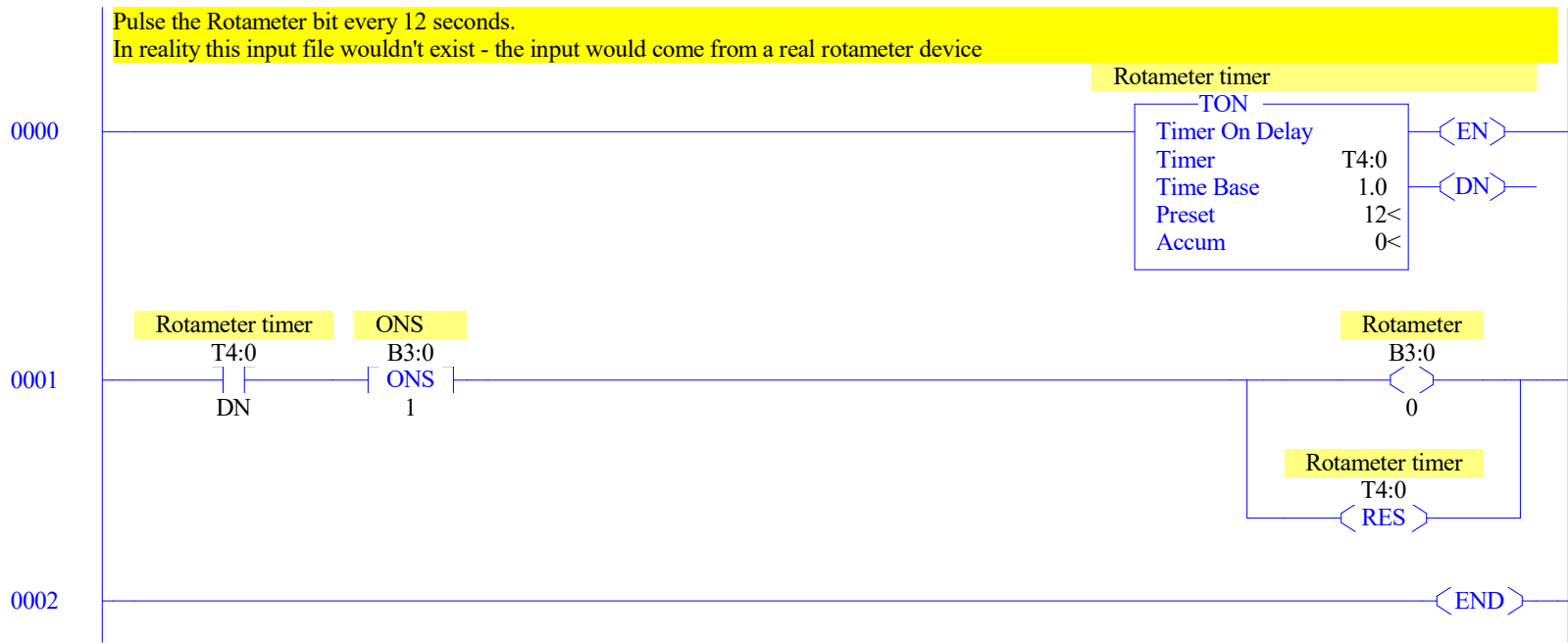
## Program File List

| Name     | Number | Type   | Rungs | Debug | Bytes |
|----------|--------|--------|-------|-------|-------|
| [SYSTEM] | 0      | SYS    | 0     | No    | 0     |
|          | 1      | SYS    | 0     | No    | 0     |
| MAIN     | 2      | LADDER | 4     | No    | 43    |
| INPUT    | 3      | LADDER | 3     | No    | 48    |
| CTRL     | 4      | LADDER | 5     | No    | 116   |

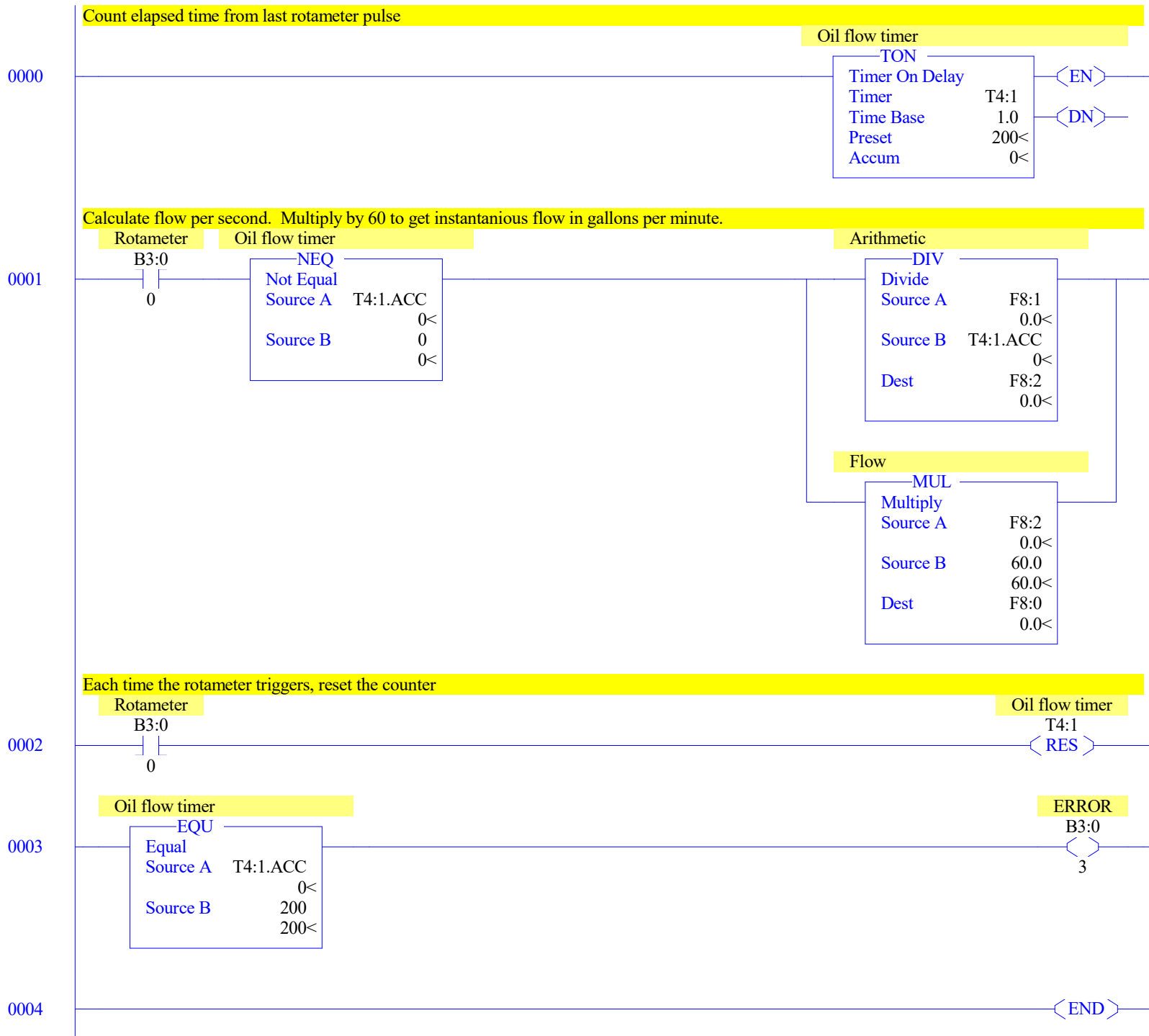
## Data File List

| Name    | Number | Type | Scope  | Debug | Words | Elements | Last |
|---------|--------|------|--------|-------|-------|----------|------|
| OUTPUT  | 0      | O    | Global | No    | 12    | 4        | O:3  |
| INPUT   | 1      | I    | Global | No    | 18    | 6        | I:5  |
| STATUS  | 2      | S    | Global | No    | 0     | 66       | S:65 |
| BINARY  | 3      | B    | Global | No    | 1     | 1        | B3:0 |
| TIMER   | 4      | T    | Global | No    | 6     | 2        | T4:1 |
| COUNTER | 5      | C    | Global | No    | 3     | 1        | C5:0 |
| CONTROL | 6      | R    | Global | No    | 3     | 1        | R6:0 |
| INTEGER | 7      | N    | Global | No    | 1     | 1        | N7:0 |
| FLOAT   | 8      | F    | Global | No    | 6     | 3        | F8:2 |









| Offset | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |          |            |      |          |
|--------|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----------|------------|------|----------|
| O:0.0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Bul.1763 | MicroLogix | 1100 | Series B |
| O:0.1  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Bul.1763 | MicroLogix | 1100 | Series B |
| O:0.2  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Bul.1763 | MicroLogix | 1100 | Series B |
| O:0.3  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Bul.1763 | MicroLogix | 1100 | Series B |

| Offset | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 |          |            |      |                 |  |
|--------|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----------|------------|------|-----------------|--|
| I:0.0  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Bul.1763 | MicroLogix | 1100 | Series B        |  |
| I:0.1  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Bul.1763 | MicroLogix | 1100 | Series B        |  |
| I:0.2  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Bul.1763 | MicroLogix | 1100 | Series B        |  |
| I:0.3  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Bul.1763 | MicroLogix | 1100 | Series B        |  |
| I:0.4  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Bul.1763 | MicroLogix | 1100 | Series B-Analog |  |
| I:0.5  | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | Bul.1763 | MicroLogix | 1100 | Series B-Analog |  |

**Main**

Processor Mode S:1/0 - S:1/4 = Remote Program Mode  
On Power up Go To Run (Mode Behavior) S:1/12 = 0  
First Pass S:1/15 = No  
Free Running Clock S:4 = 0000-0000-0000-0000

**Proc**

OS Catalog Number S:57 = 1100                      User Program Type S:63 = 8001h  
OS Series S:58 = A                                  Compiler Revision Number S:64 =  
OS FRS S:59 =  
Processor Catalog Number S:60 =  
Processor Series S:61 = A  
Processor FRN S:62 =

**Scan Times**

Maximum (x10 ms) S:22 = 0  
Watchdog (x10 ms) S:3 (high byte) = 10  
Last 100 uSec Scan Time S:35 = 0  
Scan Toggle Bit S:33/9 = 0

**Math**

Math Overflow Selected S:2/14 = 0                      Math Register (lo word) S:13 = 0  
Overflow Trap S:5/0 = 0                              Math Register (high word) S:14-S:13 = 0  
Carry S:0/0 = 0                                      Math Register (32 Bit) S:14-S:13 = 0  
Overflow S:0/1 = 0  
Zero Bit S:0/2 = 0  
Sign Bit S:0/3 = 0

**Chan 0**

Processor Mode S:1/0- S:1/4 = Remote Program Mode  
Node Address S:15 (low byte) = 0                      Outgoing Msg Cmd Pending S:33/2 = 0  
Baud Rate S:15 (high byte) = ?  
Channel Mode S:33/3 = 0  
Comms Active S:33/4 = 0  
Incoming Cmd Pending S:33/0 = 0  
Msg Reply Pending S:33/1 = 0

**Debug**

Suspend Code S:7 = 0  
Suspend File S:8 = 0

**Errors**

Fault Override At Power Up S:1/8 = 0                      Fault Routine S:29 = 0  
Startup Protection Fault S:1/9 = 0                      Major Error S:6 = 0h  
Major Error Halt S:1/13 = 0  
Overflow Trap S:5/0 = 0                              Error Description:  
Control Register Error S:5/2 = 0  
Major Error Executing User Fault Rtn. S:5/3 = 0  
Battery Low S:5/11 = 0  
Input Filter Selection Modified S:5/13 = 0  
ASCII String Manipulation error S:5/15 = 0

**Protection**

Deny Future Access S:1/14 = No  
Data File Overwrite Protection Lost S:36/10 = False

**Mem Module**

Memory Module Loaded On Boot S:5/8 = 0  
Password Mismatch S:5/9 = 0  
Load Memory Module On Memory Error S:1/10 = 0  
Load Memory Module Always S:1/11 = 0  
On Power up Go To Run (Mode Behavior) S:1/12 = 0  
Program Compare S:2/9 = 0  
Data File Overwrite Protection Lost S:36/10 = 0

**Forces**

Forces Enabled S:1/5 = Yes  
Forces Installed S:1/6 = No

| Offset | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 | 0 | (Symbol) | Description |
|--------|----|----|----|----|----|----|---|---|---|---|---|---|---|---|---|---|----------|-------------|
| B3:0   | 0  | 0  | 0  | 0  | 0  | 0  | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |          |             |

| Offset | EN | TT | DN | BASE    | PRE | ACC | (Symbol) | Description     |
|--------|----|----|----|---------|-----|-----|----------|-----------------|
| T4:0   | 0  | 0  | 0  | 1.0 sec | 12  | 0   |          | Rotameter timer |
| T4:1   | 0  | 0  | 0  | 1.0 sec | 200 | 0   |          | Oil flow timer  |

| Offset | CU | CD | DN | OV | UN | UA | PRE | ACC | (Symbol) | Description |
|--------|----|----|----|----|----|----|-----|-----|----------|-------------|
| C5:0   | 0  | 0  | 0  | 0  | 0  | 0  | 200 | 0   | Oil      | flow time   |



| Offset | EN | EU | DN | EM | ER | UL | IN | FD | LEN | POS | (Symbol) | Description |
|--------|----|----|----|----|----|----|----|----|-----|-----|----------|-------------|
| R6:0   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0   | 0   |          |             |

Data File N7 (dec) -- INTEGER

|        |   |   |   |   |   |   |   |   |   |   |
|--------|---|---|---|---|---|---|---|---|---|---|
| Offset | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| N7:0   | 0 |   |   |   |   |   |   |   |   |   |

Data File F8 -- FLOAT

|        |   |   |   |   |   |
|--------|---|---|---|---|---|
| Offset | 0 | 1 | 2 | 3 | 4 |
| F8:0   | 0 | 0 | 0 |   |   |

## Address/Symbol Database

| Address  | Symbol | Scope | Description                                    | Sym Group | Dev. Code | ABV | BLW |
|----------|--------|-------|------------------------------------------------|-----------|-----------|-----|-----|
| B3:0/0   |        |       | Rotameter                                      |           |           |     |     |
| B3:0/1   |        |       | ONS                                            |           |           |     |     |
| B3:0/2   |        |       | Running                                        |           |           |     |     |
| B3:0/3   |        |       | ERROR                                          |           |           |     |     |
| C5:0     |        |       | Oil flow time                                  |           |           |     |     |
| C5:0.ACC |        |       |                                                |           |           |     |     |
| F8:0     |        |       | Flow                                           |           |           |     |     |
| F8:1     |        |       | K Factor                                       |           |           |     |     |
| F8:2     |        |       | Arithmetic                                     |           |           |     |     |
| S:0      |        |       | Arithmetic Flags                               |           |           |     |     |
| S:0/0    |        |       | Processor Arithmetic Carry Flag                |           |           |     |     |
| S:0/1    |        |       | Processor Arithmetic Underflow/ Overflow Flag  |           |           |     |     |
| S:0/2    |        |       | Processor Arithmetic Zero Flag                 |           |           |     |     |
| S:0/3    |        |       | Processor Arithmetic Sign Flag                 |           |           |     |     |
| S:1      |        |       | Processor Mode Status/ Control                 |           |           |     |     |
| S:1/0    |        |       | Processor Mode Bit 0                           |           |           |     |     |
| S:1/1    |        |       | Processor Mode Bit 1                           |           |           |     |     |
| S:1/2    |        |       | Processor Mode Bit 2                           |           |           |     |     |
| S:1/3    |        |       | Processor Mode Bit 3                           |           |           |     |     |
| S:1/4    |        |       | Processor Mode Bit 4                           |           |           |     |     |
| S:1/5    |        |       | Forces Enabled                                 |           |           |     |     |
| S:1/6    |        |       | Forces Present                                 |           |           |     |     |
| S:1/7    |        |       | Comms Active                                   |           |           |     |     |
| S:1/8    |        |       | Fault Override at Powerup                      |           |           |     |     |
| S:1/9    |        |       | Startup Protection Fault                       |           |           |     |     |
| S:1/10   |        |       | Load Memory Module on Memory Error             |           |           |     |     |
| S:1/11   |        |       | Load Memory Module Always                      |           |           |     |     |
| S:1/12   |        |       | Load Memory Module and RUN                     |           |           |     |     |
| S:1/13   |        |       | Major Error Halted                             |           |           |     |     |
| S:1/14   |        |       | Access Denied                                  |           |           |     |     |
| S:1/15   |        |       | First Pass                                     |           |           |     |     |
| S:2/0    |        |       | STI Pending                                    |           |           |     |     |
| S:2/1    |        |       | STI Enabled                                    |           |           |     |     |
| S:2/2    |        |       | STI Executing                                  |           |           |     |     |
| S:2/3    |        |       | Index Addressing File Range                    |           |           |     |     |
| S:2/4    |        |       | Saved with Debug Single Step                   |           |           |     |     |
| S:2/5    |        |       | DH-485 Incoming Command Pending                |           |           |     |     |
| S:2/6    |        |       | DH-485 Message Reply Pending                   |           |           |     |     |
| S:2/7    |        |       | DH-485 Outgoing Message Command Pending        |           |           |     |     |
| S:2/15   |        |       | Comms Servicing Selection                      |           |           |     |     |
| S:3      |        |       | Current Scan Time/ Watchdog Scan Time          |           |           |     |     |
| S:4      |        |       | Time Base                                      |           |           |     |     |
| S:5/0    |        |       | Overflow Trap                                  |           |           |     |     |
| S:5/2    |        |       | Control Register Error                         |           |           |     |     |
| S:5/3    |        |       | Major Err Detected Executing UserFault Routine |           |           |     |     |
| S:5/4    |        |       | M0-M1 Referenced on Disabled Slot              |           |           |     |     |
| S:5/8    |        |       | Memory Module Boot                             |           |           |     |     |
| S:5/9    |        |       | Memory Module Password Mismatch                |           |           |     |     |
| S:5/10   |        |       | STI Overflow                                   |           |           |     |     |
| S:5/11   |        |       | Battery Low                                    |           |           |     |     |
| S:6      |        |       | Major Error Fault Code                         |           |           |     |     |
| S:7      |        |       | Suspend Code                                   |           |           |     |     |
| S:8      |        |       | Suspend File                                   |           |           |     |     |
| S:9      |        |       | Active Nodes                                   |           |           |     |     |
| S:10     |        |       | Active Nodes                                   |           |           |     |     |
| S:11     |        |       | I/O Slot Enables                               |           |           |     |     |
| S:12     |        |       | I/O Slot Enables                               |           |           |     |     |
| S:13     |        |       | Math Register                                  |           |           |     |     |
| S:14     |        |       | Math Register                                  |           |           |     |     |
| S:15     |        |       | Node Address/ Baud Rate                        |           |           |     |     |
| S:16     |        |       | Debug Single Step Rung                         |           |           |     |     |
| S:17     |        |       | Debug Single Step File                         |           |           |     |     |
| S:18     |        |       | Debug Single Step Breakpoint Rung              |           |           |     |     |
| S:19     |        |       | Debug Single Step Breakpoint File              |           |           |     |     |
| S:20     |        |       | Debug Fault/ Powerdown Rung                    |           |           |     |     |
| S:21     |        |       | Debug Fault/ Powerdown File                    |           |           |     |     |
| S:22     |        |       | Maximum Observed Scan Time                     |           |           |     |     |
| S:23     |        |       | Average Scan Time                              |           |           |     |     |
| S:24     |        |       | Index Register                                 |           |           |     |     |
| S:25     |        |       | I/O Interrupt Pending                          |           |           |     |     |
| S:26     |        |       | I/O Interrupt Pending                          |           |           |     |     |
| S:27     |        |       | I/O Interrupt Enabled                          |           |           |     |     |
| S:28     |        |       | I/O Interrupt Enabled                          |           |           |     |     |
| S:29     |        |       | User Fault Routine File Number                 |           |           |     |     |
| S:30     |        |       | STI Setpoint                                   |           |           |     |     |
| S:31     |        |       | STI File Number                                |           |           |     |     |
| S:32     |        |       | I/O Interrupt Executing                        |           |           |     |     |
| S:33     |        |       | Extended Proc Status Control Word              |           |           |     |     |
| S:33/0   |        |       | Incoming Command Pending                       |           |           |     |     |
| S:33/1   |        |       | Message Reply Pending                          |           |           |     |     |
| S:33/2   |        |       | Outgoing Message Command Pending               |           |           |     |     |
| S:33/3   |        |       | Selection Status User/DF1                      |           |           |     |     |
| S:33/4   |        |       | Communicat Active                              |           |           |     |     |
| S:33/5   |        |       | Communicat Servicing Selection                 |           |           |     |     |

## Address/Symbol Database

| Address  | Symbol | Scope | Description                                  | Sym Group | Dev. Code | ABV | BLW |
|----------|--------|-------|----------------------------------------------|-----------|-----------|-----|-----|
| S:33/6   |        |       | Message Servicing Selection Channel 0        |           |           |     |     |
| S:33/7   |        |       | Message Servicing Selection Channel 1        |           |           |     |     |
| S:33/8   |        |       | Interrupt Latency Control Flag               |           |           |     |     |
| S:33/9   |        |       | Scan Toggle Flag                             |           |           |     |     |
| S:33/10  |        |       | Discrete Input Interrupt Reconfigur Flag     |           |           |     |     |
| S:33/11  |        |       | Online Edit Status                           |           |           |     |     |
| S:33/12  |        |       | Online Edit Status                           |           |           |     |     |
| S:33/13  |        |       | Scan Time Timebase Selection                 |           |           |     |     |
| S:33/14  |        |       | DTR Control Bit                              |           |           |     |     |
| S:33/15  |        |       | DTR Force Bit                                |           |           |     |     |
| S:34     |        |       | Pass-thru Disabled                           |           |           |     |     |
| S:34/0   |        |       | Pass-Thru Disabled Flag                      |           |           |     |     |
| S:34/1   |        |       | DH+ Active Node Table Enable Flag            |           |           |     |     |
| S:34/2   |        |       | Floating Point Math Flag Disable,Fl          |           |           |     |     |
| S:35     |        |       | Last 1 ms Scan Time                          |           |           |     |     |
| S:36     |        |       | Extended Minor Error Bits                    |           |           |     |     |
| S:36/8   |        |       | DII Lost                                     |           |           |     |     |
| S:36/9   |        |       | STI Lost                                     |           |           |     |     |
| S:36/10  |        |       | Memory Module Data File Overwrite Protection |           |           |     |     |
| S:37     |        |       | Clock Calendar Year                          |           |           |     |     |
| S:38     |        |       | Clock Calendar Month                         |           |           |     |     |
| S:39     |        |       | Clock Calendar Day                           |           |           |     |     |
| S:40     |        |       | Clock Calendar Hours                         |           |           |     |     |
| S:41     |        |       | Clock Calendar Minutes                       |           |           |     |     |
| S:42     |        |       | Clock Calendar Seconds                       |           |           |     |     |
| S:43     |        |       | STI Interrupt Time                           |           |           |     |     |
| S:44     |        |       | I/O Event Interrupt Time                     |           |           |     |     |
| S:45     |        |       | DII Interrupt Time                           |           |           |     |     |
| S:46     |        |       | Discrete Input Interrupt- File Number        |           |           |     |     |
| S:47     |        |       | Discrete Input Interrupt- Slot Number        |           |           |     |     |
| S:48     |        |       | Discrete Input Interrupt- Bit Mask           |           |           |     |     |
| S:49     |        |       | Discrete Input Interrupt- Compare Value      |           |           |     |     |
| S:50     |        |       | Processor Catalog Number                     |           |           |     |     |
| S:51     |        |       | Discrete Input Interrupt- Return Number      |           |           |     |     |
| S:52     |        |       | Discrete Input Interrupt- Accumulat          |           |           |     |     |
| S:53     |        |       | Reserved/ Clock Calendar Day of the Week     |           |           |     |     |
| S:55     |        |       | Last DII Scan Time                           |           |           |     |     |
| S:56     |        |       | Maximum Observed DII Scan Time               |           |           |     |     |
| S:57     |        |       | Operating System Catalog Number              |           |           |     |     |
| S:58     |        |       | Operating System Series                      |           |           |     |     |
| S:59     |        |       | Operating System FRN                         |           |           |     |     |
| S:61     |        |       | Processor Series                             |           |           |     |     |
| S:62     |        |       | Processor Revision                           |           |           |     |     |
| S:63     |        |       | User Program Type                            |           |           |     |     |
| S:64     |        |       | User Program Functional Index                |           |           |     |     |
| S:65     |        |       | User RAM Size                                |           |           |     |     |
| S:66     |        |       | Flash EEPROM Size                            |           |           |     |     |
| S:67     |        |       | Channel 0 Active Nodes                       |           |           |     |     |
| S:68     |        |       | Channel 0 Active Nodes                       |           |           |     |     |
| S:69     |        |       | Channel 0 Active Nodes                       |           |           |     |     |
| S:70     |        |       | Channel 0 Active Nodes                       |           |           |     |     |
| S:71     |        |       | Channel 0 Active Nodes                       |           |           |     |     |
| S:72     |        |       | Channel 0 Active Nodes                       |           |           |     |     |
| S:73     |        |       | Channel 0 Active Nodes                       |           |           |     |     |
| S:74     |        |       | Channel 0 Active Nodes                       |           |           |     |     |
| S:75     |        |       | Channel 0 Active Nodes                       |           |           |     |     |
| S:76     |        |       | Channel 0 Active Nodes                       |           |           |     |     |
| S:77     |        |       | Channel 0 Active Nodes                       |           |           |     |     |
| S:78     |        |       | Channel 0 Active Nodes                       |           |           |     |     |
| S:79     |        |       | Channel 0 Active Nodes                       |           |           |     |     |
| S:80     |        |       | Channel 0 Active Nodes                       |           |           |     |     |
| S:81     |        |       | Channel 0 Active Nodes                       |           |           |     |     |
| S:82     |        |       | Channel 0 Active Nodes                       |           |           |     |     |
| S:83     |        |       | DH+ Active Nodes                             |           |           |     |     |
| S:84     |        |       | DH+ Active Nodes                             |           |           |     |     |
| S:85     |        |       | DH+ Active Nodes                             |           |           |     |     |
| S:86     |        |       | DH+ Active Nodes                             |           |           |     |     |
| T4:0     |        |       | Rotameter timer                              |           |           |     |     |
| T4:0/DN  |        |       |                                              |           |           |     |     |
| T4:1     |        |       | Oil flow timer                               |           |           |     |     |
| T4:1.ACC |        |       |                                              |           |           |     |     |
| U:3      |        |       | INPUT                                        |           |           |     |     |
| U:4      |        |       | CTRL                                         |           |           |     |     |
| U:5      |        |       | PULSE                                        |           |           |     |     |

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| Address | Instruction | Description |
|---------|-------------|-------------|
|---------|-------------|-------------|

## Symbol Group Database

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| Group_Name | Description |
|------------|-------------|
|------------|-------------|