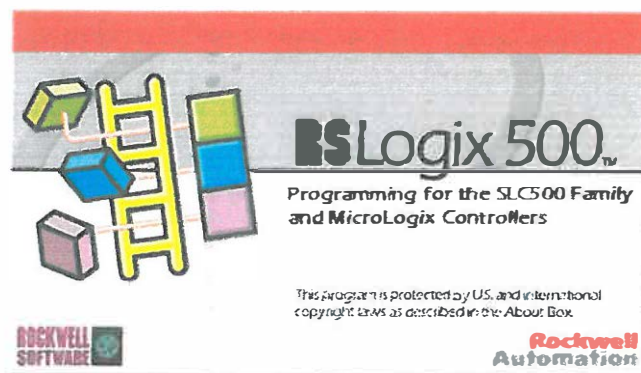


PLC Online Procedure

New T-6 Machine

- 1.) Plug the power cable and the RS232 CABLE into the laptop. (The cable with the black ink on the ends)
- 2.) Turn Laptop on.
- 3.) Double Click on “**Rslinx**” Icon
- 4.) Single Click on Communications, then click on “**Configure Drivers**”.
- 5.) Delete all drivers in the window by clicking the delete “**Delete**” button.
- 6.) Click on the down arrow under the “**Available Driver Types:**” and click on “**RS-232 DF1 device**”
- 7.) Click “**Add New**” and “**OK**”. Then click on the “**Auto-Configure**” button, then click “**OK**”.
- 8.) Click the “**Close**” button and “**Minimize**” Rslinx.
- 9.) Double click on “**Rs500 Allen-Bradley**” Icon
- 10.) Single click on “**Comms**” and then “**System Comms**”.
- 11.) Double click on “**AB_DF1-1**” under “**Network Name**”.
- 12.) Single click on the description with “**01, SLC-5/03, Unlimited**”.
- 13.) Then click the “**Online**” button.
- 14.) If it asks click on “**Create New File**”.

DC NEW T-6
RSLogix500 Project Report



additions to LAD 2 runs 7 + 33 Bld 9-22-10

Processor Information

Processor Type: 1747-L541C 5/04 CPU - 16K Mem. OS401 Series C

Processor Name: HONDA

Total Memory Used: 2151 Instruction Words Used - 1431 Data Table Words Used

Total Memory Left: 10137 Instruction Words Left

Program Files: 11

Data Files: 32

Program ID: d885

I/O Configuration

0	1747-L541C	5/04 CPU - 16K Mem. OS401 Series C
1	1747-SN	RIO Scanner
2	1746-IA16	16-Input 100/120 VAC
	1746-IA16	16-Input 100/120 VAC
4	1746-OW16	16-Output (RLY) 240 VAC
5	1746-HSCE2	High Speed Counter - Class 4
6	1746-OX8	8-Output Isolated Relay

Channel Configuration

GENERAL

Channel 1 Write Protected: No
Channel 1 Edit Resource/Owner Timeout: 60
Channel 1 Passthru Link ID: 2

Channel 0 Write Protected: No
Channel 0 Edit Resource/Owner Timeout: 60
Channel 0 Passthru Link ID: 1
Channel 0 Current Mode: System
Channel 0 Mode Change Enabled: No
Channel 0 Mode Change Attention Character: \1b
Channel 0 Mode Change System Character: S
Channel 0 Mode Change User Character: U

CHANNEL 1 (SYSTEM) - Driver: DH!
Node : 1 (octal)
Baud: 57.6K

CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex
Source ID: 9 (decimal)
Baud: 19200
Parity: NONE
Stop Bits: 1
Control Line : No Handshaking
Error Detection: CRC
Embedded Responses: Enabled
Duplicate Packet Detect: Yes
ACK Timeout: 50
NAK Retries: 3
ENQ Retries: 3

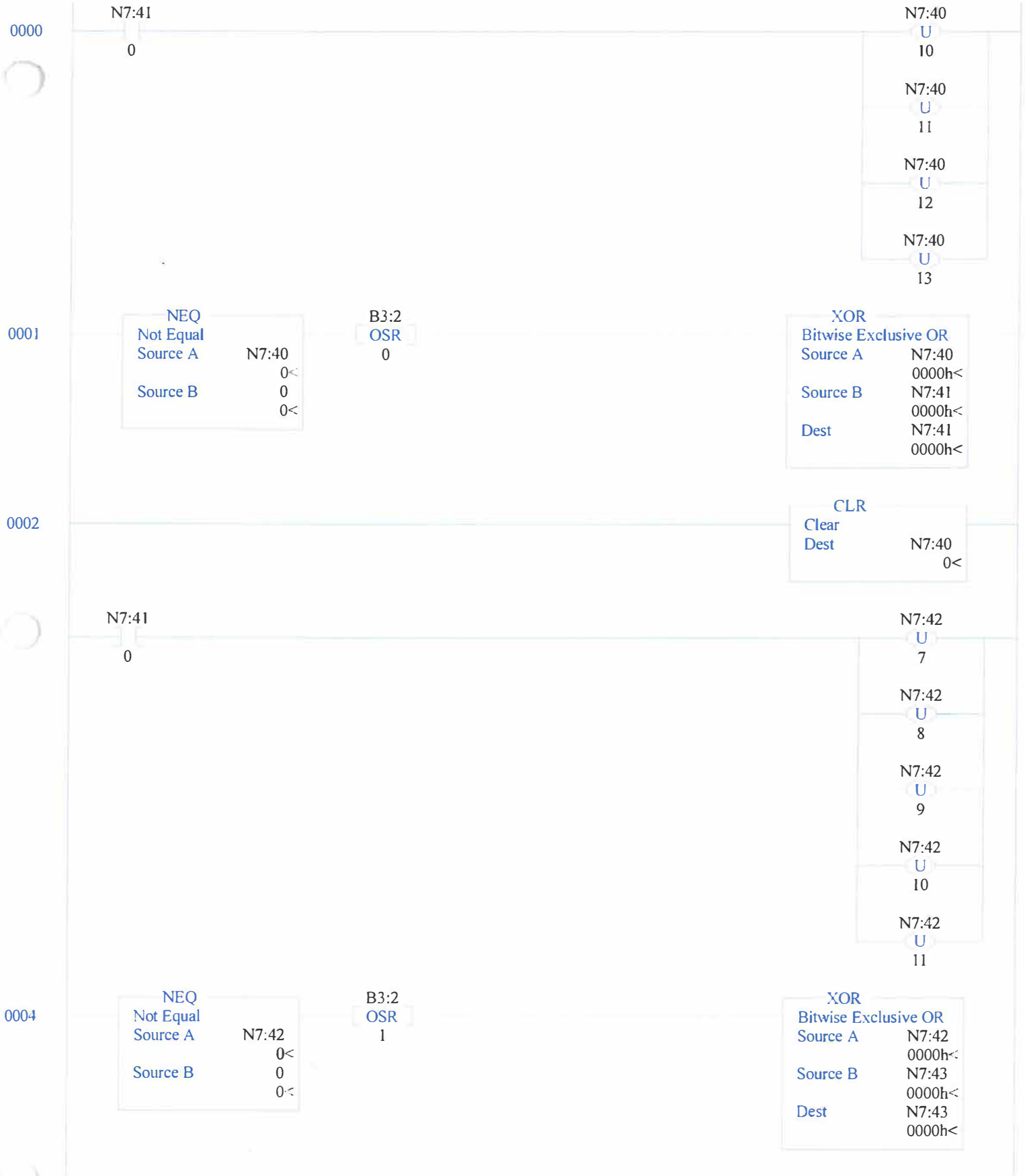
CHANNEL 0 (USER) - Driver: ASCII
Baud: 19200
Parity: NONE
Stop Bits: 1
Data Bits: 8
Control Line : No Handshaking
Delete mode: Ignore
Echo: No
XON/XOFF: No
Termination Character 1: \d
Termination Character 2: \ff
Append Character 1: \d
Append Character 2: \a

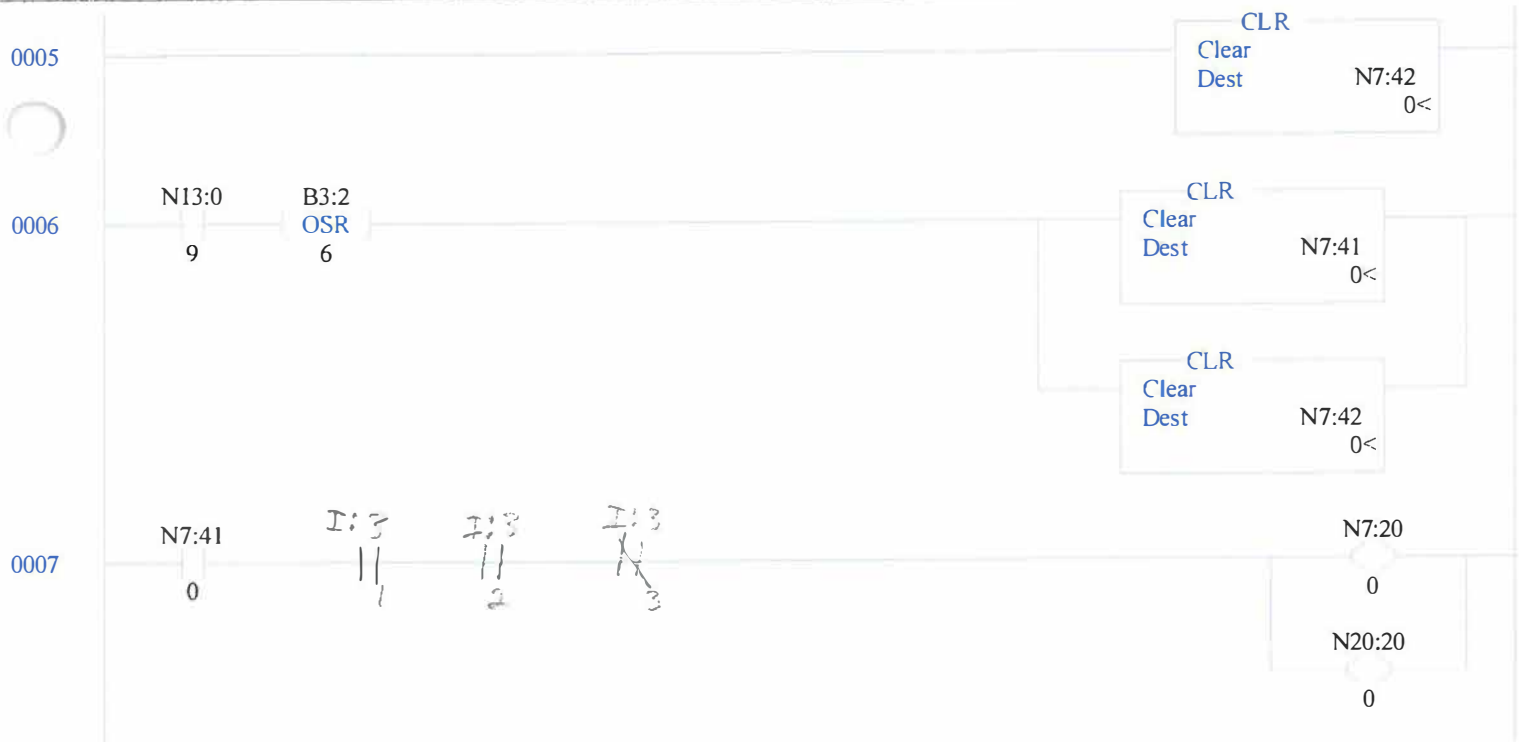
Program File List

Name	Number	Type	Rungs	Debug	Bytes
MEM	0	SYS	0	No	0
	1	SYS	0	No	0
	2	LADDER	34	No	2089
	3	LADDER	16	No	1388
	4	LADDER	20	No	1142
	5	LADDER	29	No	1849
	6	LADDER	22	No	1775
	7	LADDER	10	No	560
	8	LADDER	16	No	1283
	9	LADDER	24	No	1201
	10	LADDER	6	No	243

Data File List

Name	Number	Type	Scope	Debug	Words	Elements	Last
0	0	O	Global	No	126	42	O:41
1	1	I	Global	No	171	57	I:56
STATUS	2	S	Global	No	0	164	S:163
BINARY	3	B	Global	No	56	56	B3:55
TIMER	4	T	Global	No	303	101	T4:100
COUNTER	5	C	Global	No	9	3	C5:2
CONTROL	6	R	Global	No	6	2	R6:1
INTEGER	7	N	Global	No	50	50	N7:49
FLOAT	8	F	Global	No	100	50	F8:49
	10	B	Global	No	100	100	B10:99
	11	N	Global	No	151	151	N11:150
	12	N	Global	No	25	25	N12:24
	13	N	Global	No	50	50	N13:49
	14	N	Global	No	50	50	N14:49
	20	N	Global	No	60	60	N20:59
	21	N	Global	No	51	51	N21:50
	22	N	Global	No	25	25	N22:24
	23	N	Global	No	25	25	N23:24
	24	N	Global	No	51	51	N24:50
	30	B	Global	No	21	21	B30:20
	31	B	Global	No	1	1	B31:0





0008

N13:0

N7:41

0

U
0

N13:0

1

N13:0

2

N13:0

3

N13:0

N13:10

4

4

N13:0

N13:10

5

5

N13:0

6

N13:0

7

N13:0

10

N13:0

11

N13:0

12

N13:0

13

N13:0

14

N13:0

N13:10

15

15

0009

N13:1

N7:41

0

U
0

N13:1

1

N13:1

2

N13:1

3

N13:1

N13:11

4

4

N13:1

N13:11

10

10

N13:1

N13:11

11

11

N13:1

N13:11

12

12

N13:1

N13:11

13

13

0010



0011



T4:66

DN

B3:2

OSR

10

ADD

Add

Source A

N20:5

18<

Source B

1

1<

Dest

N20:5

18<

Clock
Calendar
Hours

EQU

Equal

Source A

S:40

10<

Source B

0

0<

Clock
Calendar
Minutes

EQU

Equal

Source A

S:41

44<

Source B

0

0<

B3:2

OSR

11

GEQ

Grtr Than or Eql (A>=B)

Source A

N20:5

18<

Source B

32000

32000<

CLR

Clear

Dest

N20:5

18<

N7:41

2

O:6

4

1746-OX8

0012

0013

T4:0

DN

TON

Timer On Delay

Timer

Time Base

Preset

Accum

T4:0

0.01

140<

96<

EN

DN

GRT

Greater Than (A>B)

Source A T4:0.ACC

96<

Source B

70

70<

B3:5

1

0014

MOV
Move
Source S:40
10<
Dest N7:16
10<

MOV
Move
Source S:41
44<
Dest N7:17
44<

0015

GRT
Greater Than (A>B)
Source A N7:18
9<
Source B 23
23<

MOV
Move
Source 23
23<
Dest N7:18
9<

LES
Less Than (A<B)
Source A N7:18
9<
Source B 0
0<

MOV
Move
Source 0
0<
Dest N7:18
9<

GRT
Greater Than (A>B)
Source A N7:19
16<
Source B 59
59<

MOV
Move
Source 59
59<
Dest N7:19
16<

LES
Less Than (A<B)
Source A N7:19
16<
Source B 0
0<

MOV
Move
Source 0
0<
Dest N7:19
16<

0017

0018

0019

0020

0021

0022

N22:0
15B3:2
OSR
12Clock
Calendar
Hours

MOV

Move	N7:18
Source	9<
Dest	S:40
	10<

Clock
Calendar
Minutes

MOV

Move	N7:19
Source	16<
Dest	S:41
	44<

N7:28 N7:29

4 4

N7:28 N7:29

5 5

N7:28 N7:29

8 8

N7:28 N7:29

11 11

JSR

Jump To Subroutine	
SBR File Number	U:3

JSR

Jump To Subroutine	
SBR File Number	U:4

JSR

Jump To Subroutine	
SBR File Number	U:5

JSR

Jump To Subroutine	
SBR File Number	U:6

JSR

Jump To Subroutine	
SBR File Number	U:7

0023

JSR
Jump To Subroutine
SBR File Number U:8

0024

JSR
Jump To Subroutine
SBR File Number U:9

0025

First Pass

S:1

15

B10:0

U

0

B10:0

U

1

FLL

Fill File

Source 0

Dest #O:5.0

Length 8

MOV

Move

Source 0

0<

Dest N12:0

80<

MUL

Multiply

Source A 10

10<

Source B N12:2

8<

Dest N12:1

80<

0026

First Pass

S:1

15

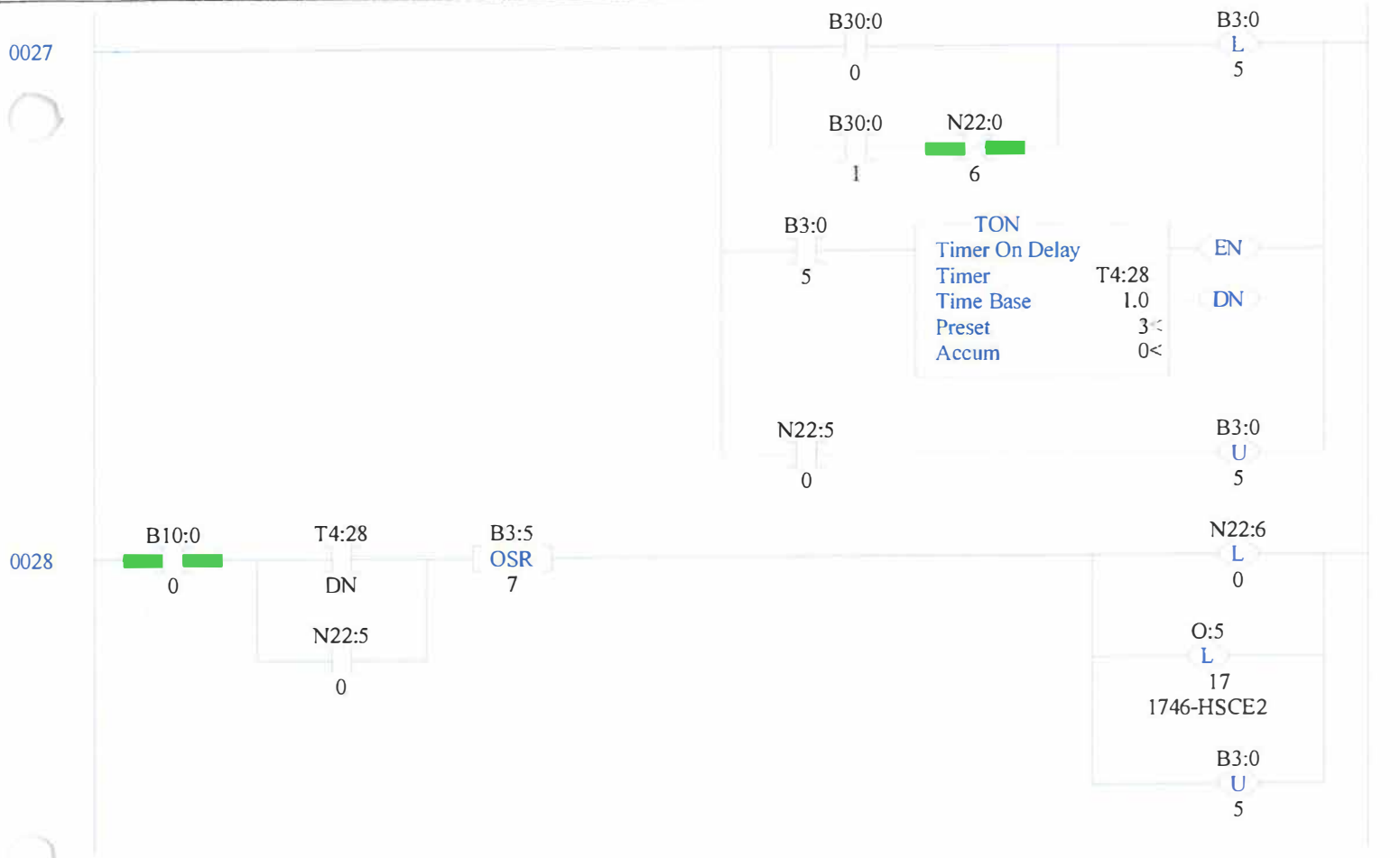
B10:0

0

B10:0

1

JSR
Jump To Subroutine
SBR File Number U:10



0029

N22:6

O:5

0

17

1746-HSCE2

CPT

Compute

Dest

F8:15

0.0<

Expression

 $(1000.0 * I:5.2) + I:5.3$

CPT

Compute

Dest

F8:16

10.0<

Expression

 $((N11:25 * 1000.0) + N11:26) + 10.0$

CPT

Compute

Dest

F8:17

-10.0<

Expression

 $((N11:25 * 1000.0) + N11:26) - 10.0$

LIM

Limit Test

Low Lim

F8:17

-10.0<

Test

F8:15

0.0<

High Lim

F8:16

10.0<

O:5

U

17

1746-HSCE2

N22:6

O:5

0

17

1746-HSCE2

TON

Timer On Delay

Timer

T4:30

Time Base

1.0

Preset

3<

Accum

0<

EN

DN

T4:30

DN

N22:6

U

0

B30:2

0

B3:0

L

6

B30:2

1

N22:2

2

B3:0

6

TON

Timer On Delay

Timer

T4:29

Time Base

1.0

Preset

3<

Accum

0<

EN

DN

N22:5

1

B3:0

U

6

0030

LAD 3 ~ --- Total Rungs in File = 16

0000



SBR
Subroutine

B3:6

0

0001

N20:20

0

I:2

0
1746-IA16

N7:41

6

EQU

Equal
Source A

N20:0

4<

0

0<

Source B

EQU

Equal
Source A

N20:0

4<

5

5<

Source B

EQU

Equal
Source A

N20:1

2<

0

0<

Source B

EQU

Equal
Source A

N20:1

2<

8

8<

Source B

EQU

Equal
Source A

N20:2

0<

0

0<

Source B

GEQ

Grtr Than or Eq1 (A>=B)
Source A

N20:2

0<

3

3<

Source B

TON

Timer On Delay

Timer

T4:1

Time Base

1.0

Preset

0<

Accum

0<

EN

DN

T4:1

DN

MOV

Move

Source

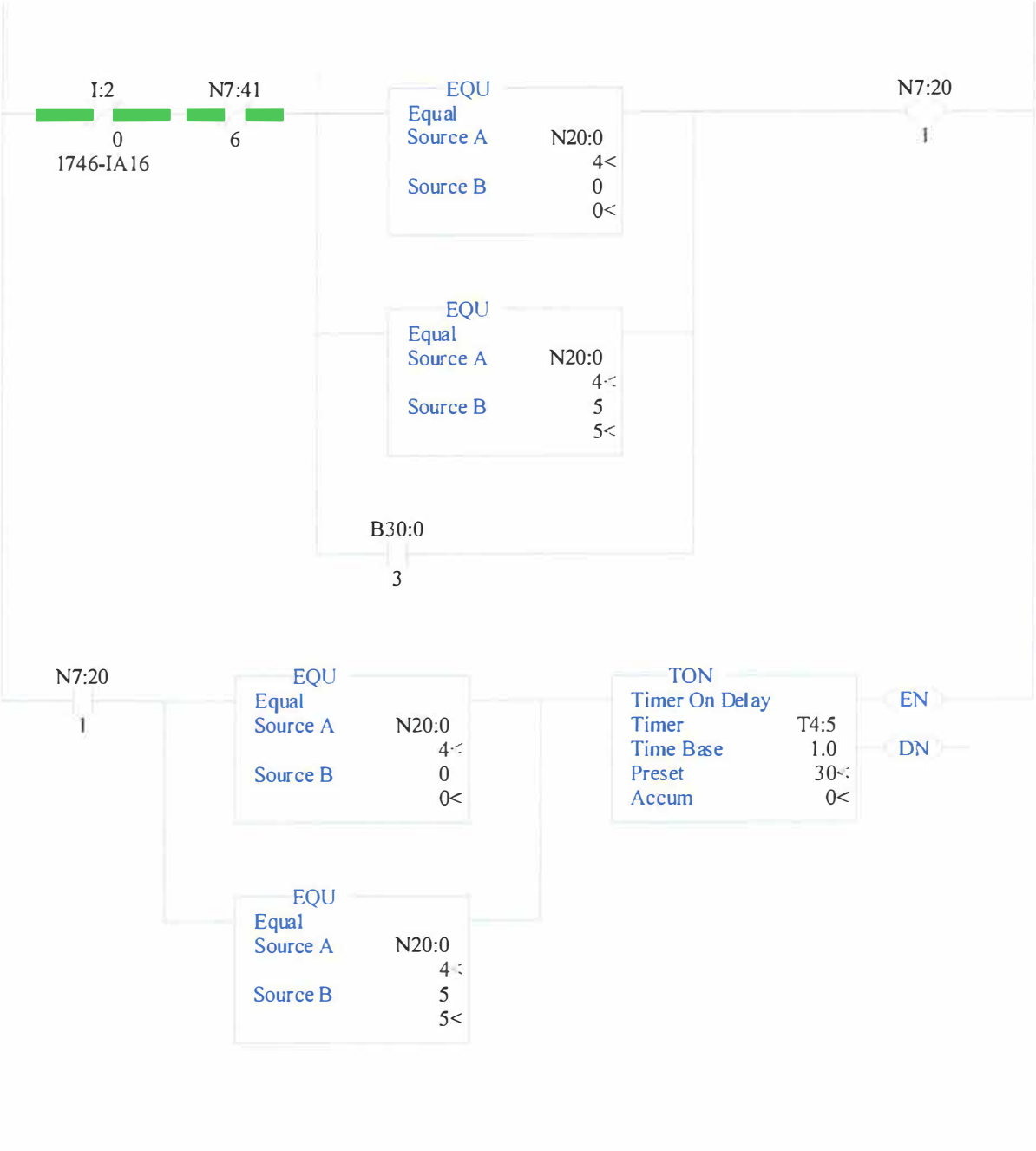
1

1<

Dest

N20:0

4<



0002

N20:20

0

EQU
Equal
Source A N20:0
4<
Source B 1
1<

I:2 N7:41
0 6
1746-IA16

B30:0

7

TON
Timer On Delay
Timer T4:2
Time Base 1.0
Preset 1<
Accum 0<

T4:2

DN

T4:3

DN

N20:30

1

I:2 I:2
1 3
1746-IA16 1746-IA16

TON
Timer On Delay
Timer T4:3
Time Base 1.0
Preset 0<
Accum 0<

T4:3

DN

I:2

0
1746-IA16

N7:41

6

MOV
Move
Source 2
2<
Dest N20:0
4<

T4:3

DN

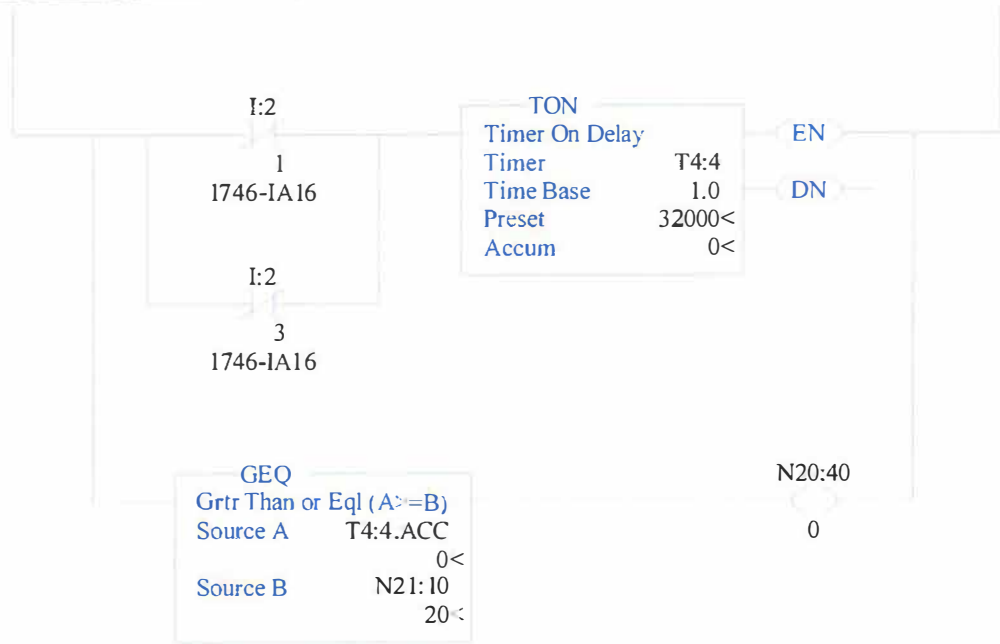
I:2
0
1746-IA16

N7:41

6

N20:40

5





0004

N20:20

EQU

Equal

Source A

N20:0

4<

Source B

3

3<

0

T4:10

DN

I:2

2

1746-IA16

I:2

4

1746-IA16

TON

Timer On Delay

Timer

T4:10

Time Base

1.0

Preset

3<

Accum

0<

EN

DN

N20:30

3

TON

Timer On Delay

Timer

T4:11

Time Base

1.0

Preset

4<

Accum

0<

EN

DN

T4:11

DN

MOV

Move

Source

4

4<

Dest

N20:0

4<

TON

Timer On Delay

Timer

T4:12

Time Base

1.0

Preset

32000<

Accum

0<

EN

DN

GEQ

Grtr Than or Eql (A>=B)

Source A

T4:12.ACC

0<

Source B

N21:11

20<

N20:40

2





0011

GRT
Greater Than (A>B)
Source A N21:11
20<
Source B 300
300<

MOV
Move
Source 300
300<
Dest N21:11
20<

LES
Less Than (A<B)
Source A N21:11
20<
Source B 1
1<

MOV
Move
Source 1
1<
Dest N21:11
20<

0012

GRT
Greater Than (A>B)
Source A F8:8
1400.0<
Source B 10000.0
10000.0<

MOV
Move
Source 10000.0
10000.0<
Dest F8:8
1400.0<

LES
Less Than (A<B)
Source A F8:8
1400.0<
Source B 1024.0
1024.0<

MOV
Move
Source 1024.0
1024.0<
Dest F8:8
1400.0<

GRT
Greater Than (A>B)
Source A F8:25
70.0<
Source B 100.0
100.0<

MOV
Move
Source 100.0
100.0<
Dest F8:25
70.0<

LES
Less Than (A<B)
Source A F8:25
70.0<
Source B 1.0
1.0<

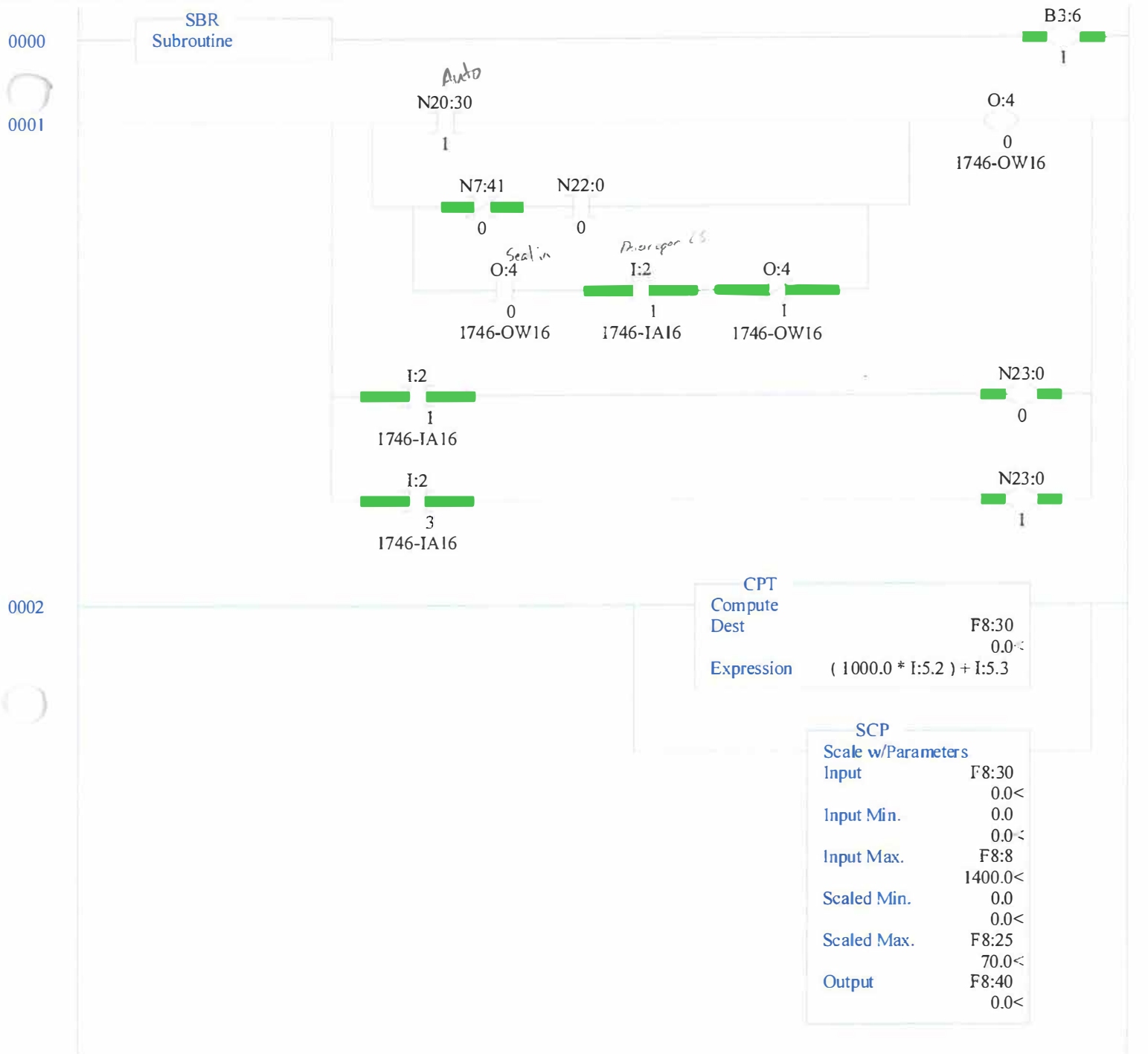
MOV
Move
Source 1.0
1.0<
Dest F8:25
70.0<

0014

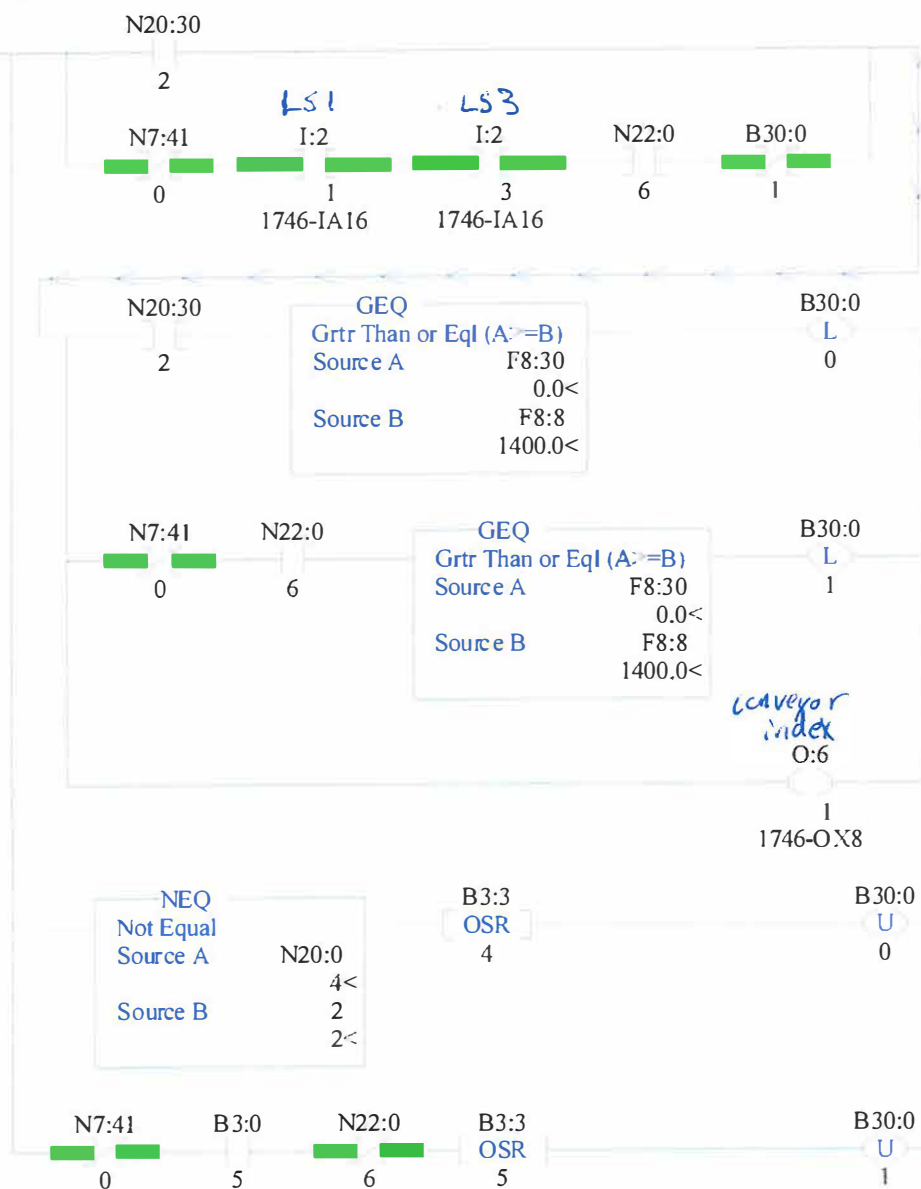
RET
Return

0015

END

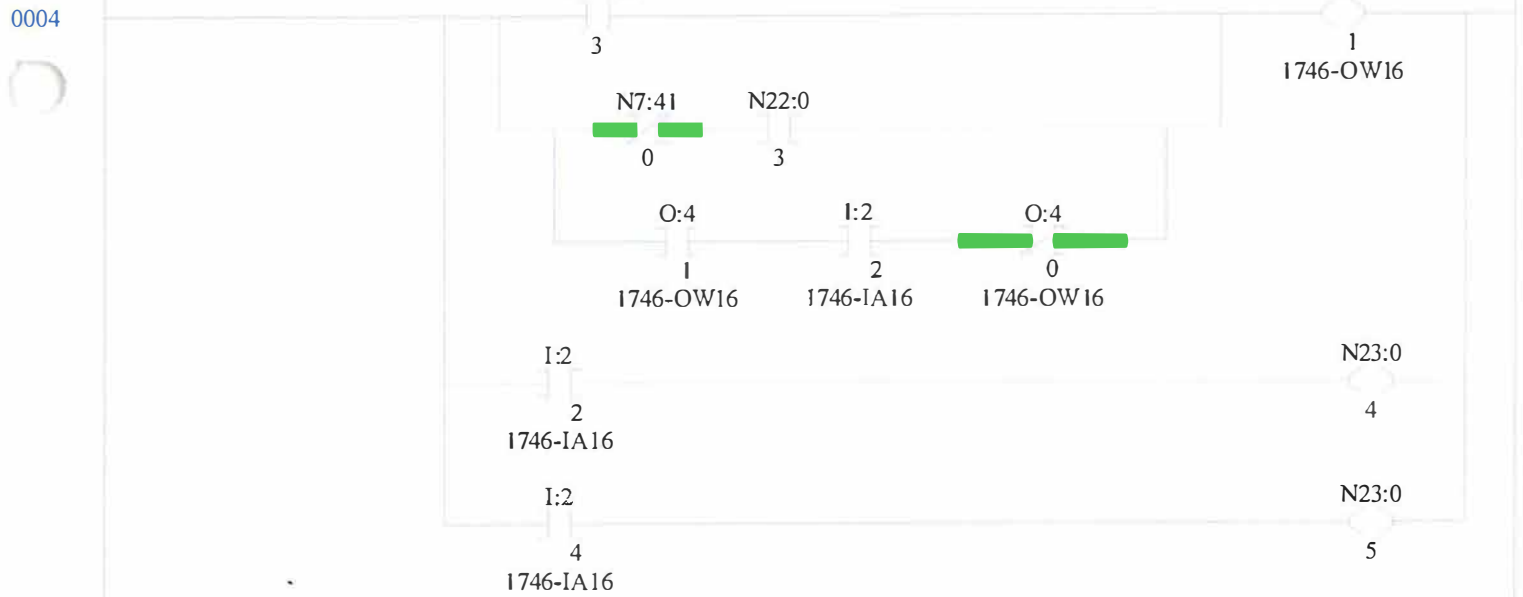


0003

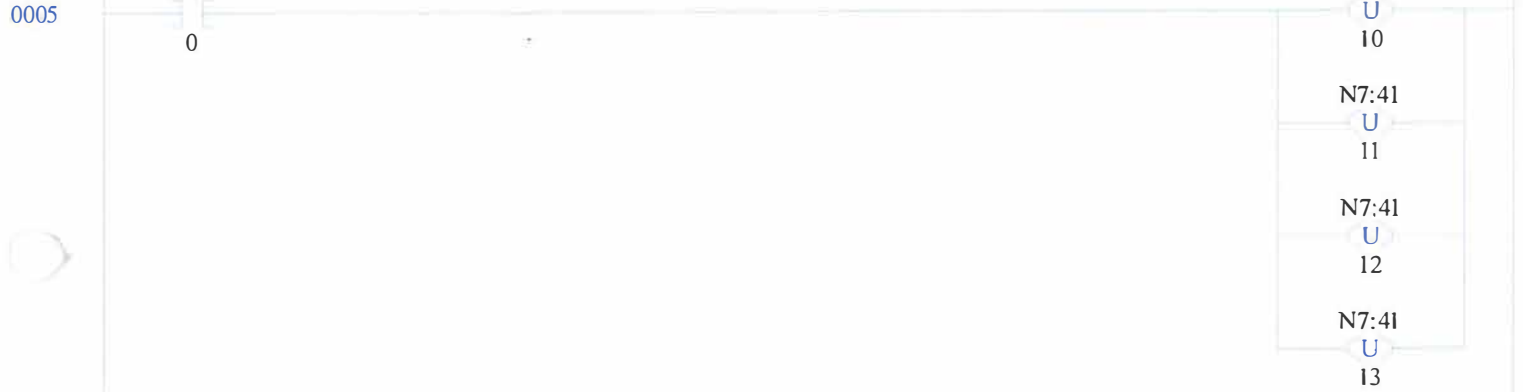


LAD 4 - --- Total Rungs in File = 20

0004



0005



0006



0007



0008

N7:4I

GEQ

O:4

Grtr Than or Eql (A>=B)

Source A T4:17.ACC

0<

Source B

4<

4<

7

3
1746-OW16

N7:4I

11

O:4

N23:0

3
1746-OW16

8

0009

N7:4I

GEQ

O:6

Grtr Than or Eql (A>=B)

Source A T4:17.ACC

0<

Source B

6<

6<

7

0
1746-OX8

N7:4I

12

O:6

N23:0

0
1746-OX8

9

0010

N7:4I

GEQ

O:4

Grtr Than or Eql (A>=B)

Source A T4:17.ACC

0<

Source B

8<

8<

7

4
1746-OW16

N7:4I

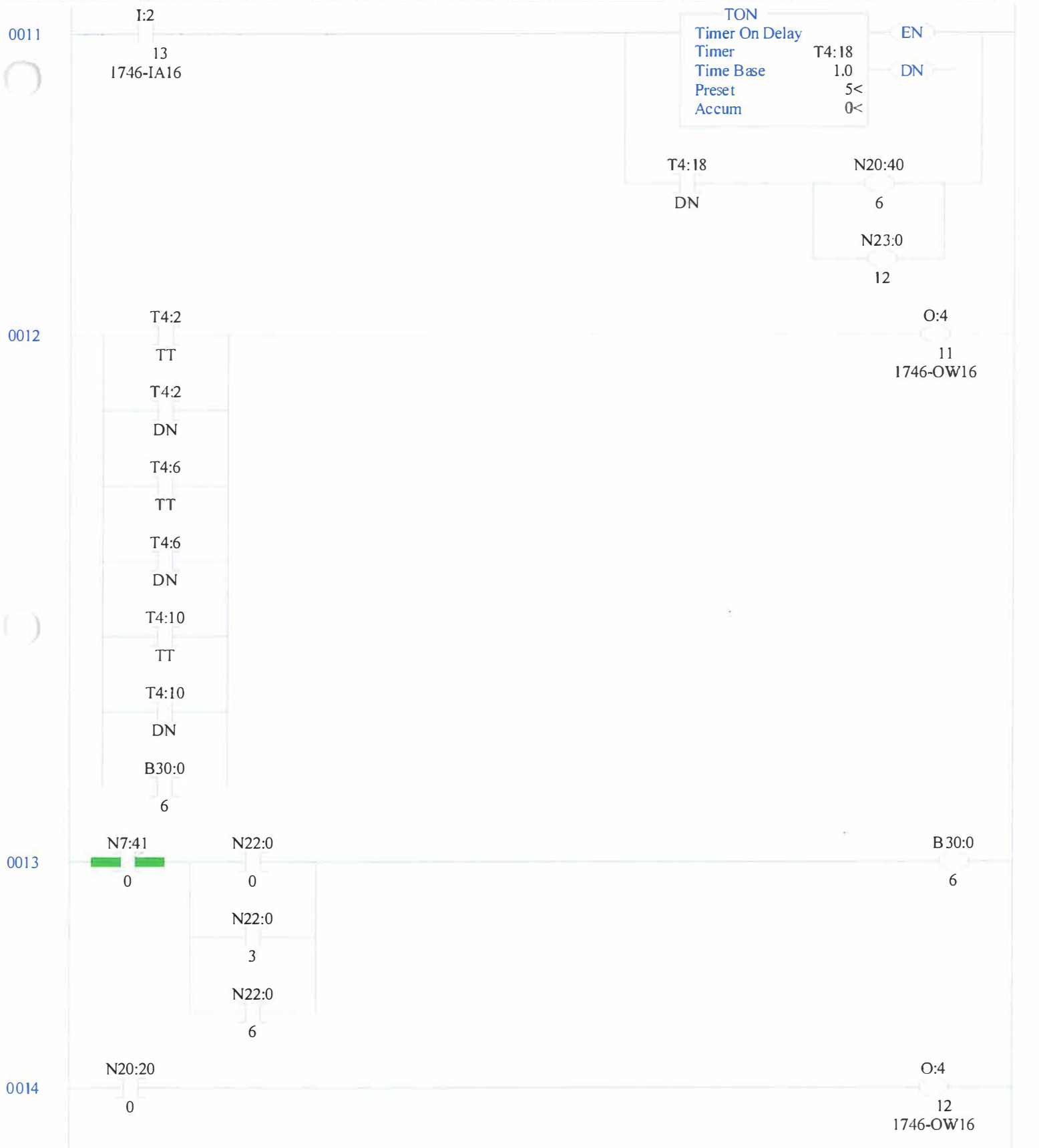
13

O:4

N23:0

4
1746-OW16

10



LAD 4 - --- Total Rungs in File = 20

0015

N20:20

0

B3:5

1

B30:0

3

B30:0

4

B30:0

7

I:2

0

1746-IA16

EQU

Equal

Source A

Source B

N20:0

4<

0

0<

N7:41

6

I:2

0

1746-IA16

O:4

15

1746-OW16

0016

I:3

0

1746-IA16

I:2

13

1746-IA16

NEQ

Not Equal

Source A

Source B

N13:0

32<

0

0<

O:4

13

1746-OW16

0017

I:2

13

1746-IA16

O:4

14

1746-OW16

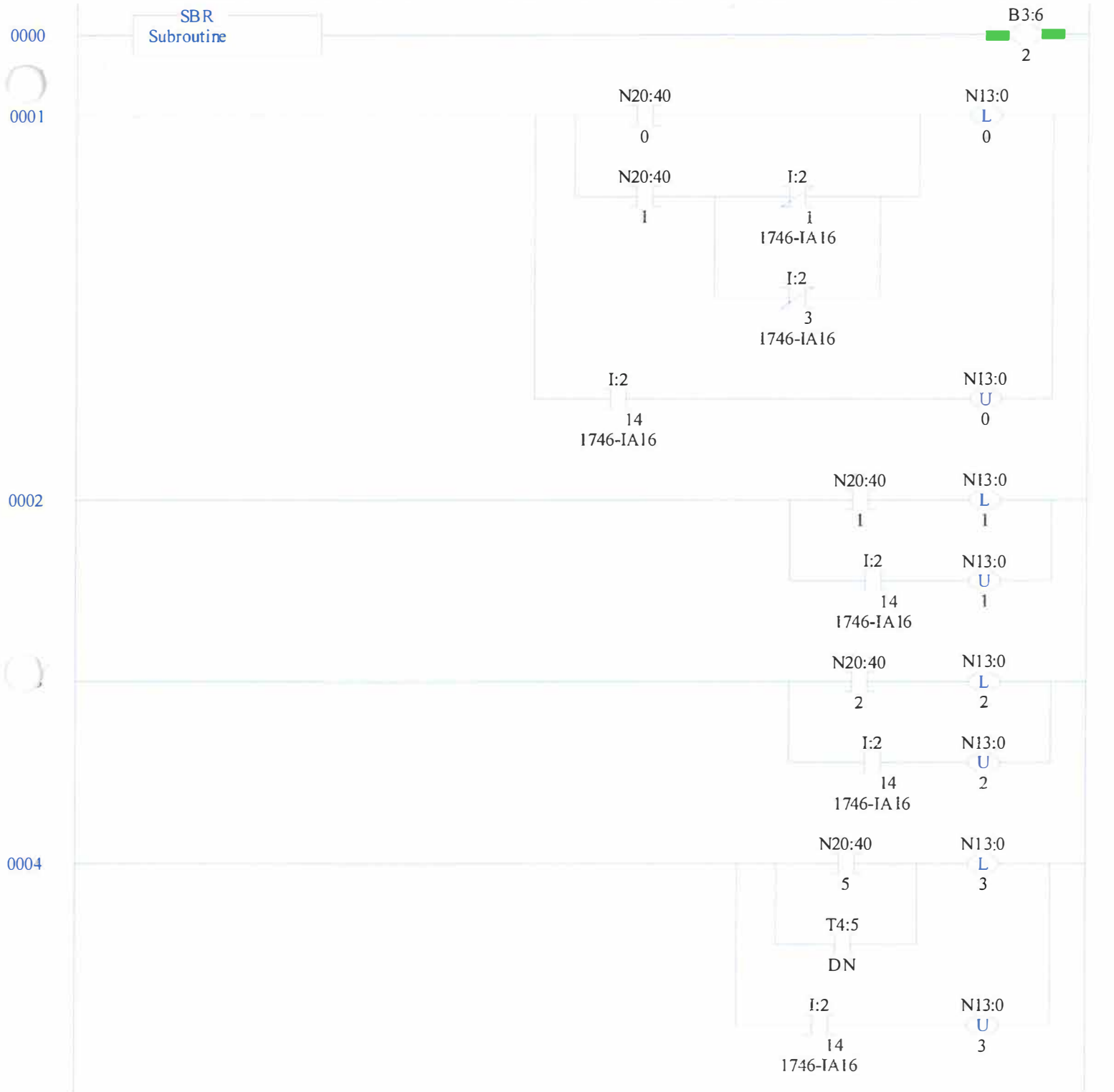
0018

RET

Return

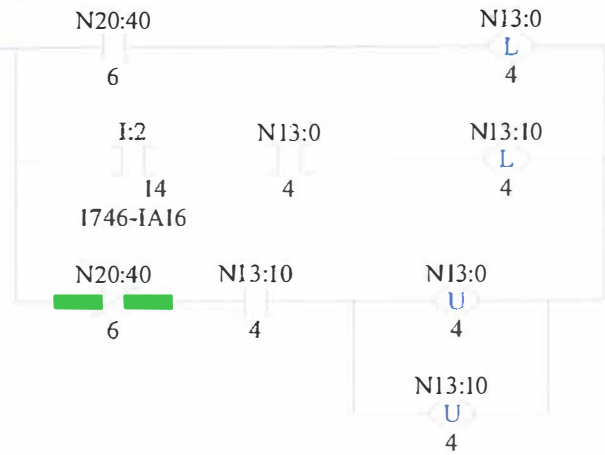
0019

END

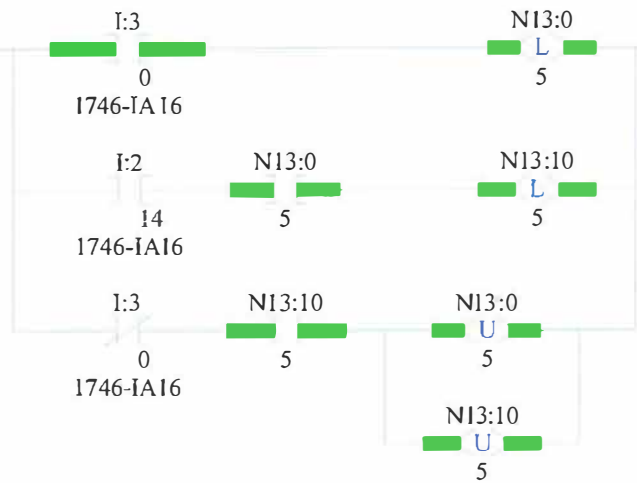


LAD 5 - --- Total Rungs in File = 29

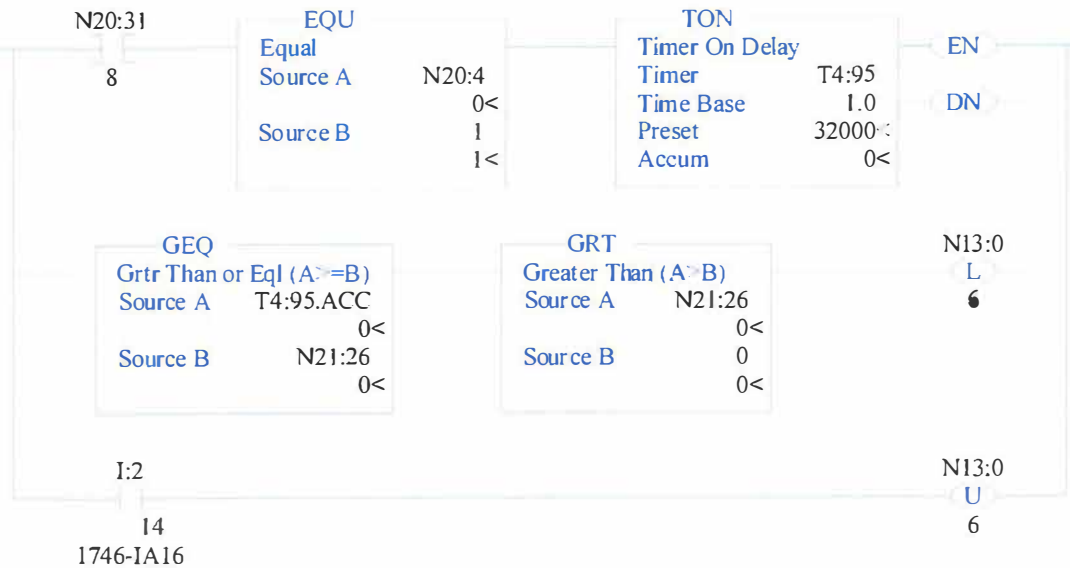
0005



0006



0007



LAD 5 - --- Total Rungs in File = 29

0008

N20:31

8

EQU

Equal

Source A

N20:4

0<

Source B

3

3<

TON

Timer On Delay

Timer

Time Base

T4:96

Preset

32000<

Accum

0<

EN

DN

GEQ

Grtr Than or Eql (A>=B)

Source A

T4:96.ACC

0<

Source B

N21:27

0<

GRT

Greater Than (A>B)

Source A

N21:27

0<

Source B

0

0<

N13:0

L

7

I:2

14

I746-IA16

N13:0

U

7

0009

First Pass

S:1

N13:0

L

15

9

I:2

N13:0

U

14

9

I746-IA16

N20:41

N13:0

L

0

10

I:2

N13:0

U

14

10

I746-IA16

N20:41

N13:0

L

1

11

I:2

N13:0

U

14

11

I746-IA16

N20:41

N13:0

L

3

12

I:2

N13:0

U

14

12

I746-IA16

0012

0013

N20:41

N13:0

5

L
13

I:2

N13:0

14

U
13

1746-IA16

0014

N20:41

N13:0

6

L
14

N20:40

I:2

1

10

N20:42

1746-IA16

1

B30:2

9

I:2

N13:0

14

U
14

1746-IA16

0015

N20:41

N13:0

8

L
15

I:2

N13:0

14

15

N13:10

L
15

1746-IA16

N20:41

N13:10

N13:0

8

15

U
15

N13:10

U
15

0017

N20:42

N13:1

0

0

N20:42

I:1

1

0

1747-SN

I:1

2

1747-SN

I:1

7

1747-SN

N13:1

U

0

0018

N20:42

N13:1

1

1

I:1

N13:1

7

U

1

1747-SN

N20:42

N13:1

2

2

I:1

N13:1

7

U

2

1747-SN

0019

0020

B30:2

4

B30:2

8

N20:42

5

T4:35

DN

I:1

7

1747-SN

TON

Timer On Delay

Timer

Time Base

Preset

Accum

T4:35

1.0

10<

0<

EN

DN

N13:1

L

3

N13:1

U

3

LAD 5 - --- Total Rungs in File = 29

0021

N20:42

N13:1

6

4

I:1

N13:1

N13:11

7

4

4

HONDA.RSS

LAD 5 - --- Total Rungs in File = 29

0021

N20:42

N13:1

6

4

I:1

N13:1

N13:11

7

4

4

1747-SN

N20:42

N13:11

N13:1

6

4

4

N13:11

4

0022

I:1

N13:1

8

10

1747-SN

I:1

N13:1

N13:11

7

10

10

1747-SN

I:1

N13:11

N13:1

8

10

10

1747-SN

N13:11

10

0023

I:1

N13:1

9

11

1747-SN

I:1

N13:1

N13:11

7

11

11

1747-SN

I:1

N13:11

N13:1

9

11

11

1747-SN

N13:11

11

LAD 5 - --- Total Rungs in File = 29

0024

O:1

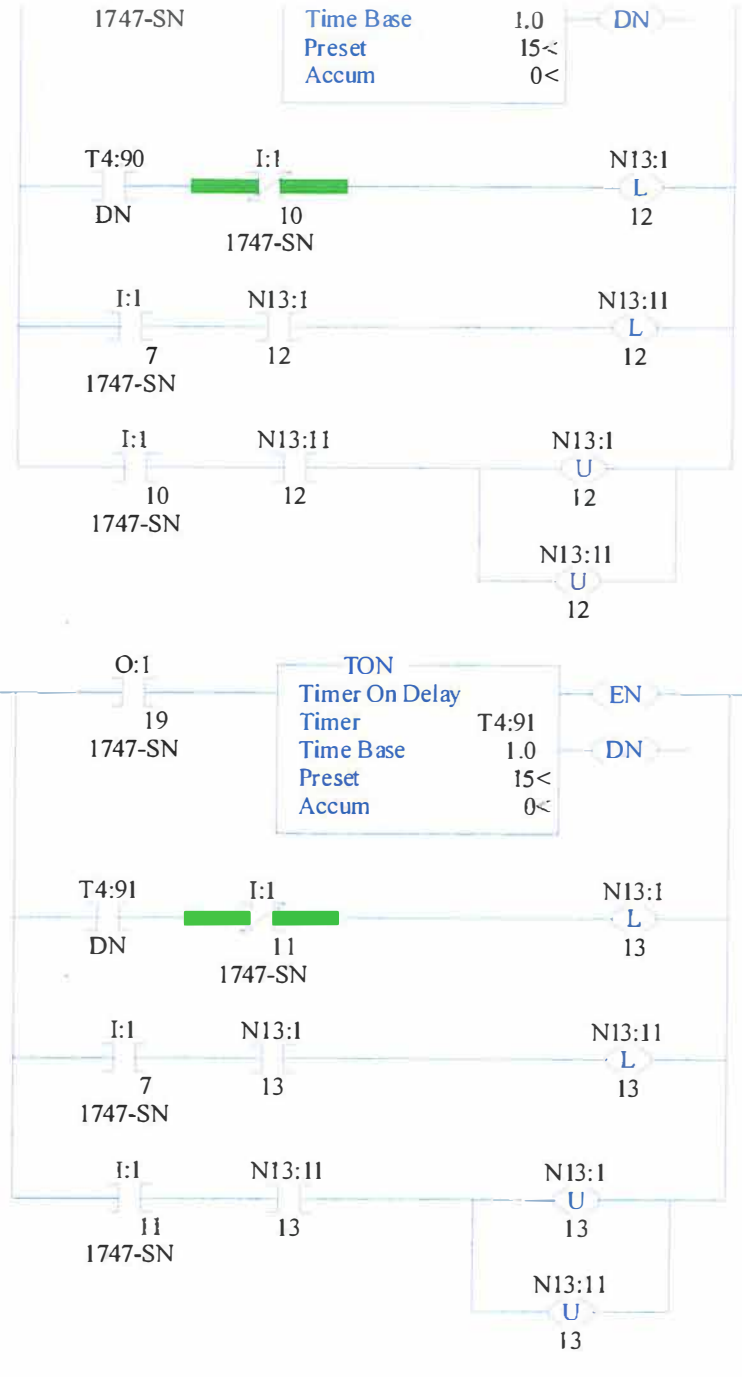
18

TON
Timer On Delay
Timer

T4:90

EN

0025



LAD 5 - --- Total Rungs in File = 29

0026

N13:1

O:1

0

20
1747-SN

N13:1

O:1

1

25
1747-SN

N13:1

2

N13:1

3

N13:1

N13:11

4

4

N13:1

N13:11

10

10

N13:1

N13:11

11

11

N13:1

N13:11

12

12

N13:1

N13:11

13

13

0027

RET
Return

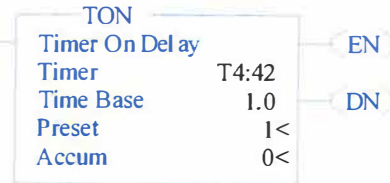
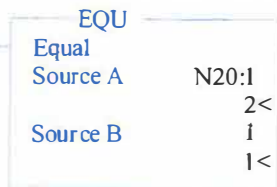
0028

END

0002

N20:20

0



T4:42

DN

I:2

6

1746-IA16

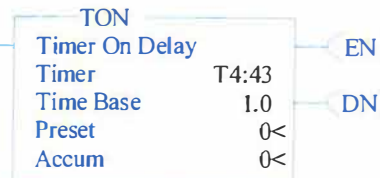
N20:31

1

I:2

6

1746-IA16



T4:43

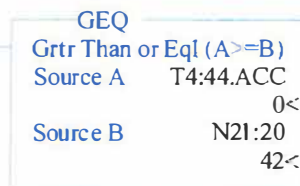
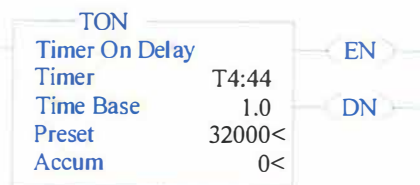
DN



I:2

6

1746-IA16



N7:41

6

N20:41

0

LAD 6 - --- Total Rungs in File = 22

N7:4I

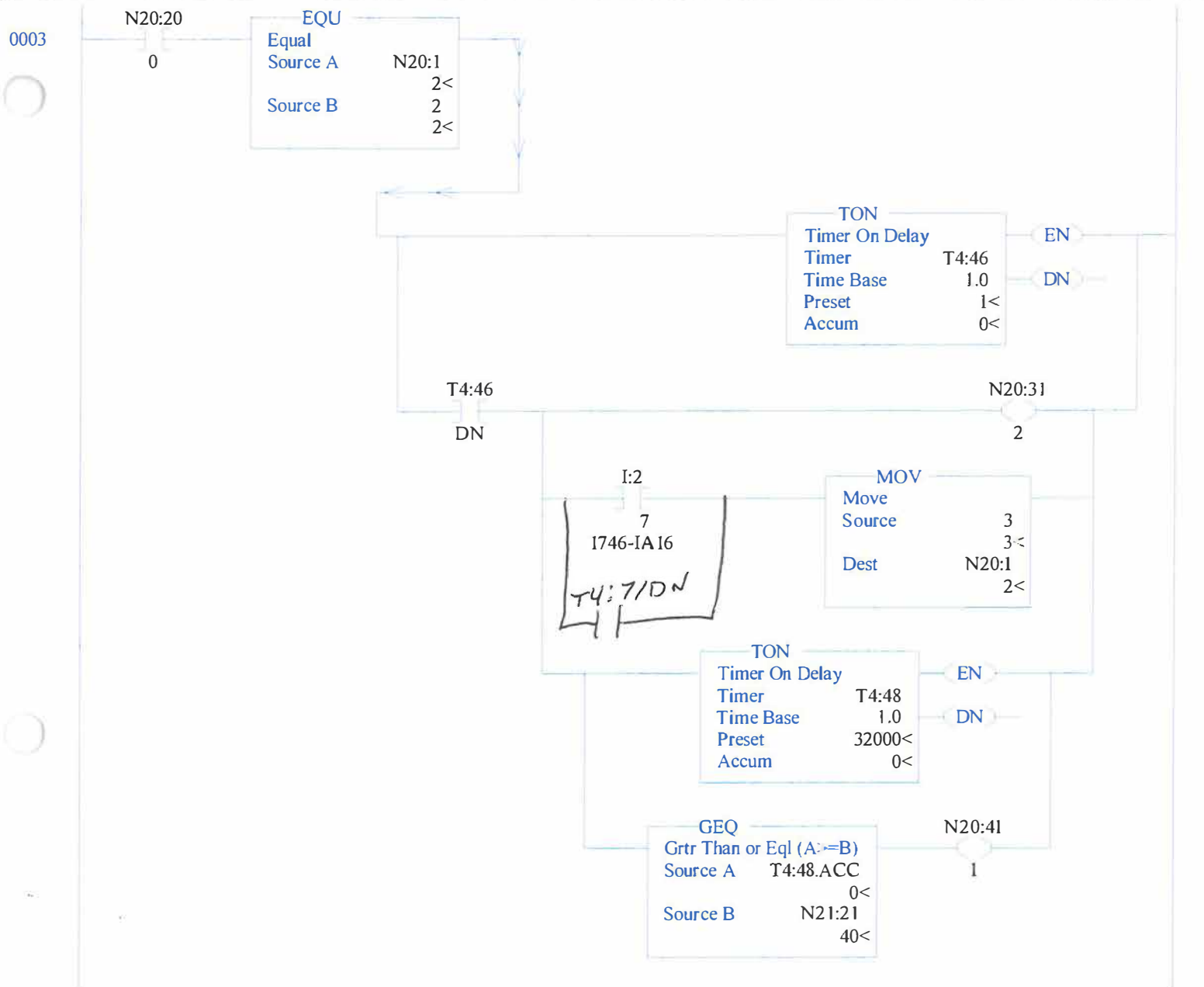
6

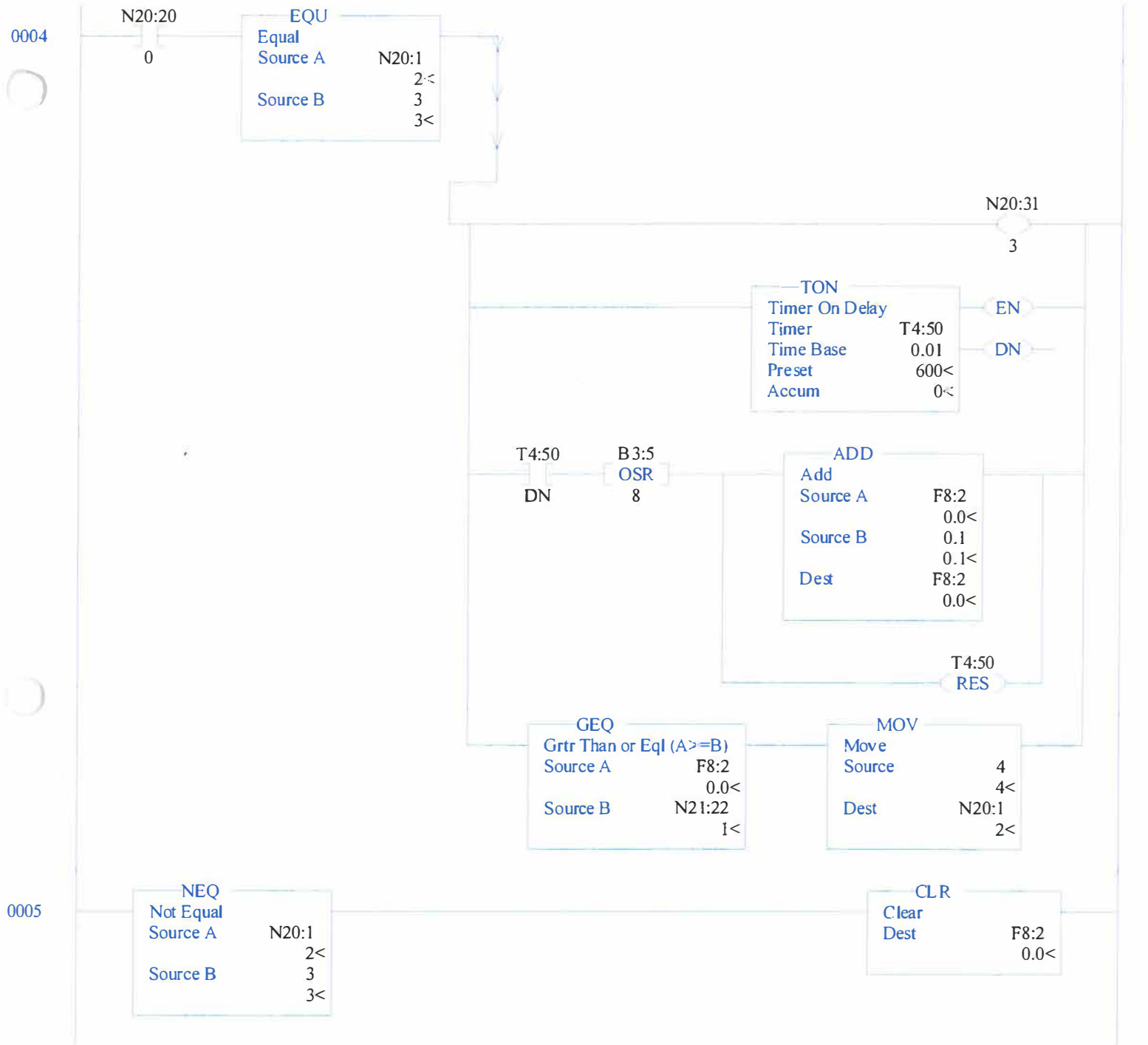
MOV

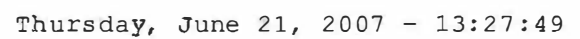
Move
Source4
4<
N20:1
2<

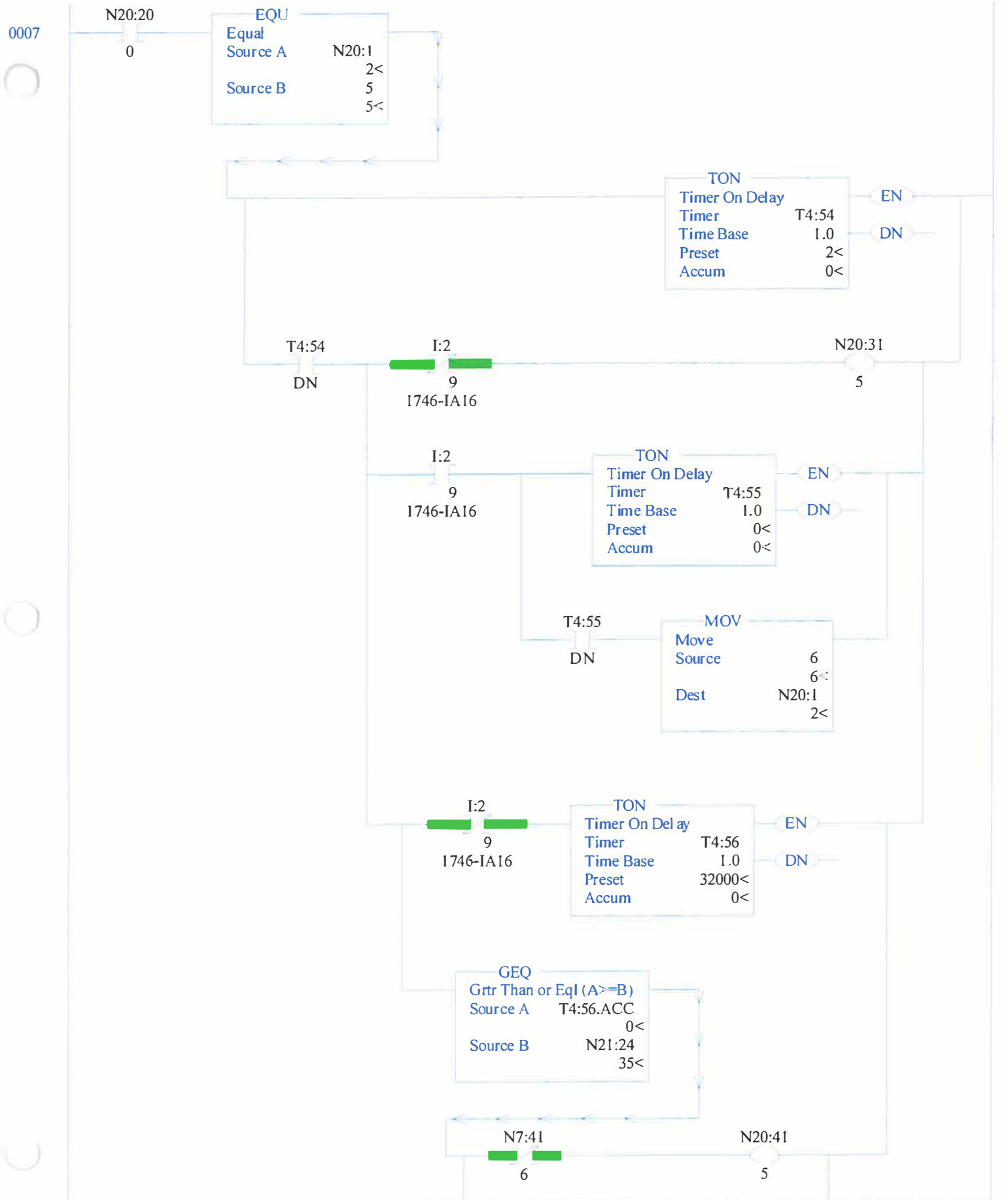
MOV

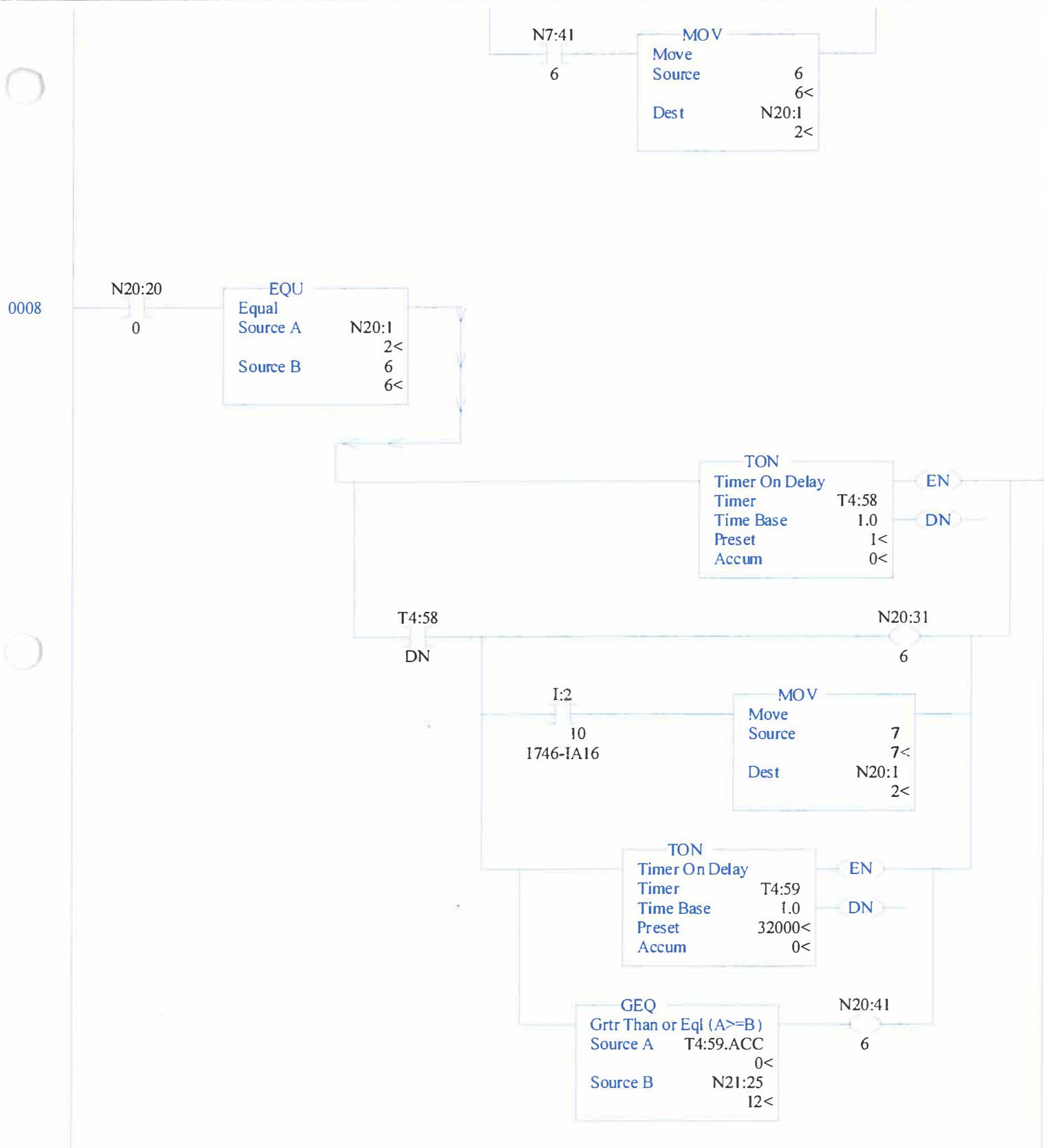
Move
Source4
4<
N20:4
0<



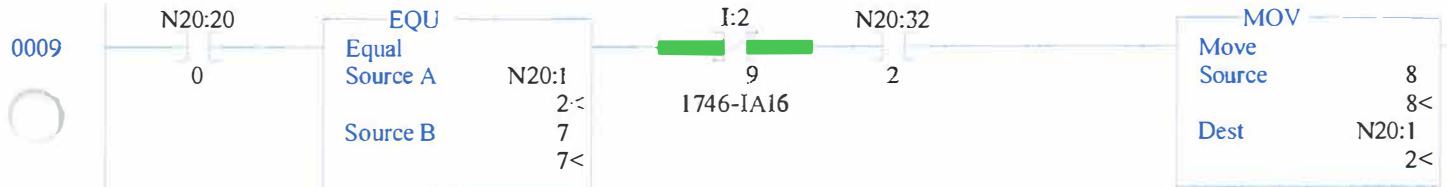




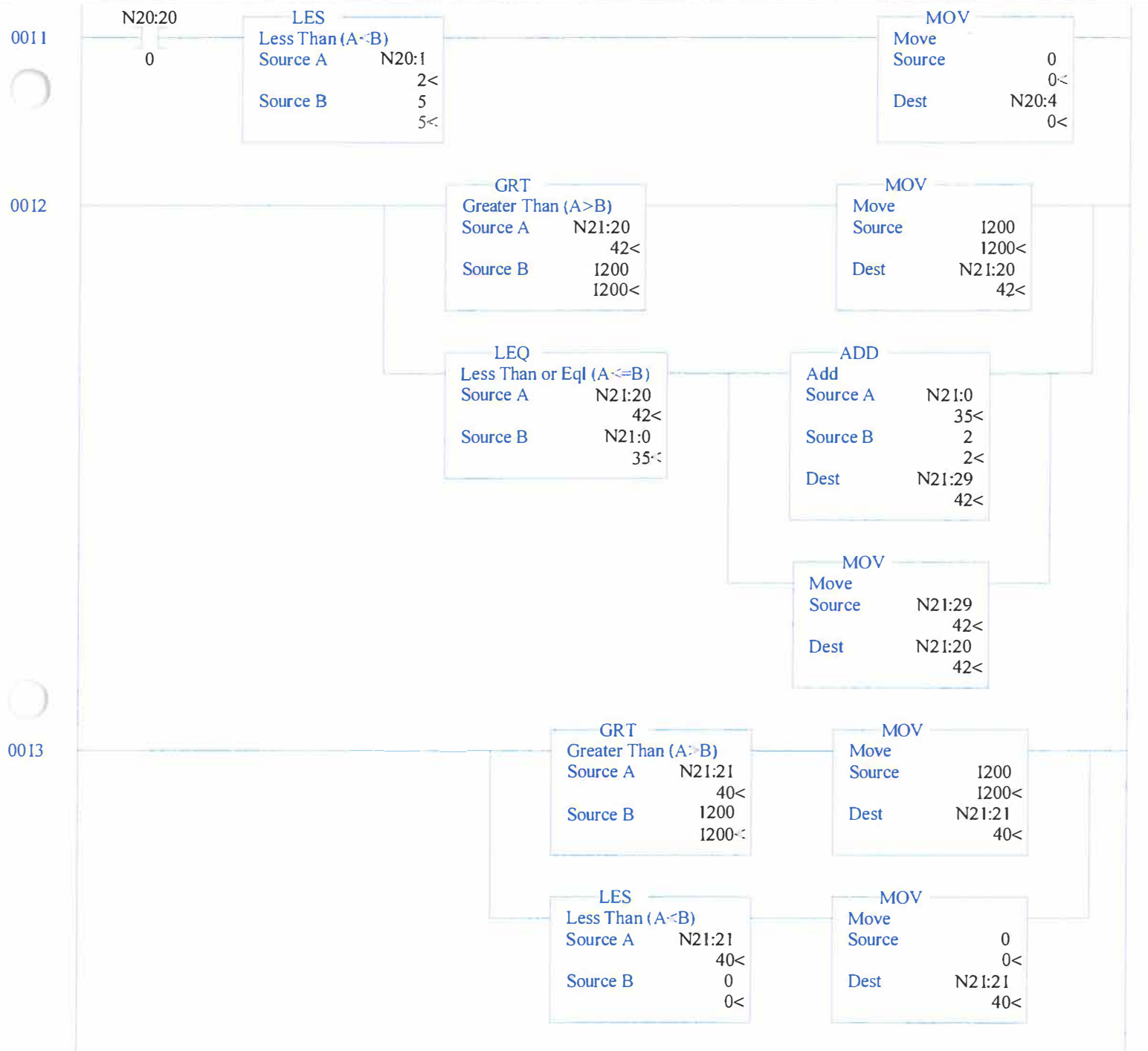




LAD 6 - --- Total Rungs in File = 22







0014

GRT
Greater Than (A>B)
Source A N21:22
1<
Source B 100
100<

MOV
Move
Source 100
100<
Dest N21:22
1<

LES
Less Than (A<B)
Source A N21:22
1<
Source B 1
1<

MOV
Move
Source 1
1<
Dest N21:22
1<

0015

GRT
Greater Than (A>B)
Source A N21:23
34<
Source B 1200
1200<

MOV
Move
Source 1200
1200<
Dest N21:23
34<

LES
Less Than (A<B)
Source A N21:23
34<
Source B 0
0<

MOV
Move
Source 0
0<
Dest N21:23
34<

GRT
Greater Than (A>B)
Source A N21:24
35<
Source B 1200
1200<

MOV
Move
Source 1200
1200<
Dest N21:24
35<

LES
Less Than (A<B)
Source A N21:24
35<
Source B 0
0<

MOV
Move
Source 0
0<
Dest N21:24
35<

0017

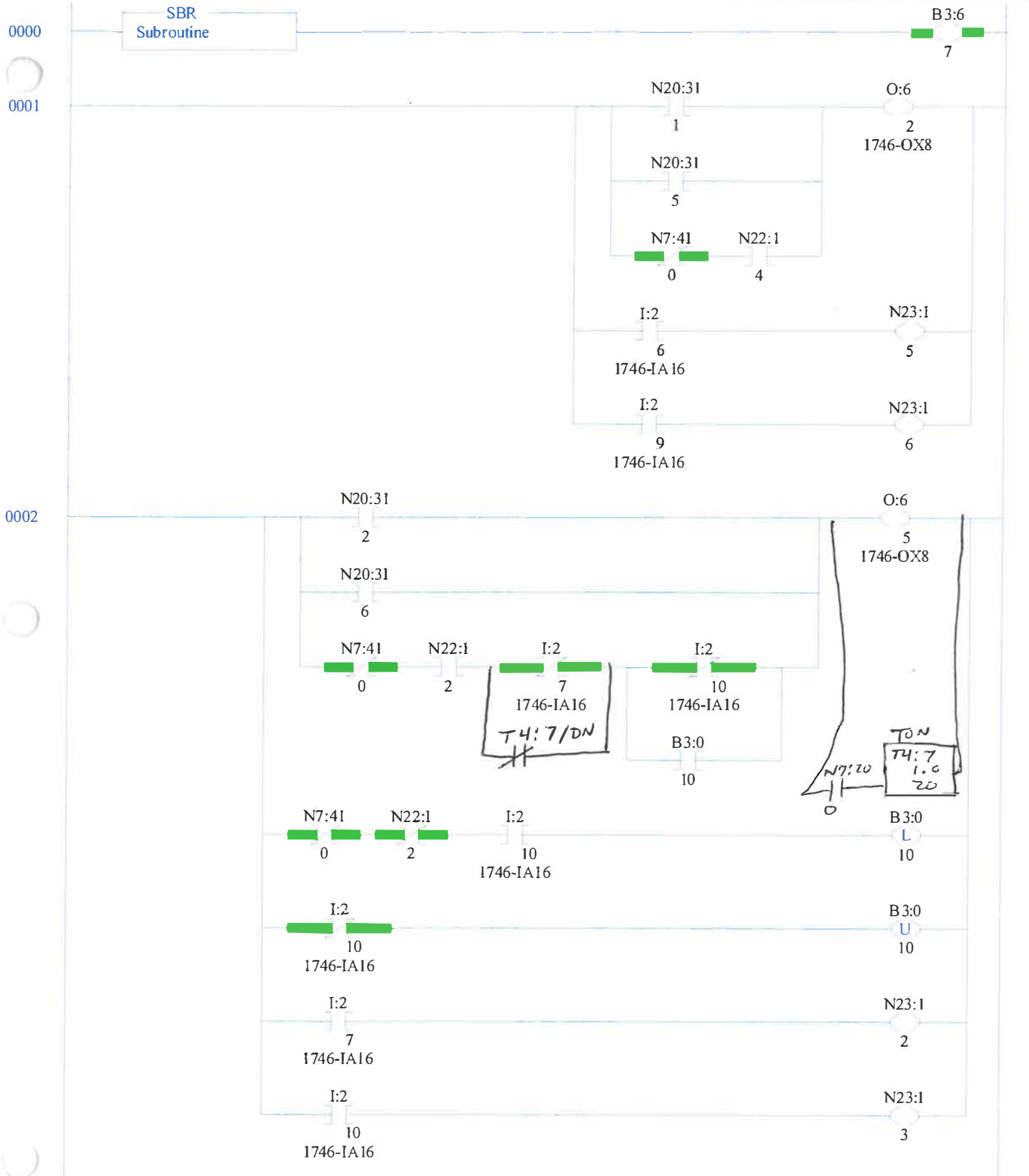
GRT
Greater Than (A>B)
Source A N21:25
12<
Source B 1200
1200<

MOV
Move
Source 1200
1200<
Dest N21:25
12<

LES
Less Than (A<B)
Source A N21:25
12<
Source B 0
0<

MOV
Move
Source 0
0<
Dest N21:25
12<

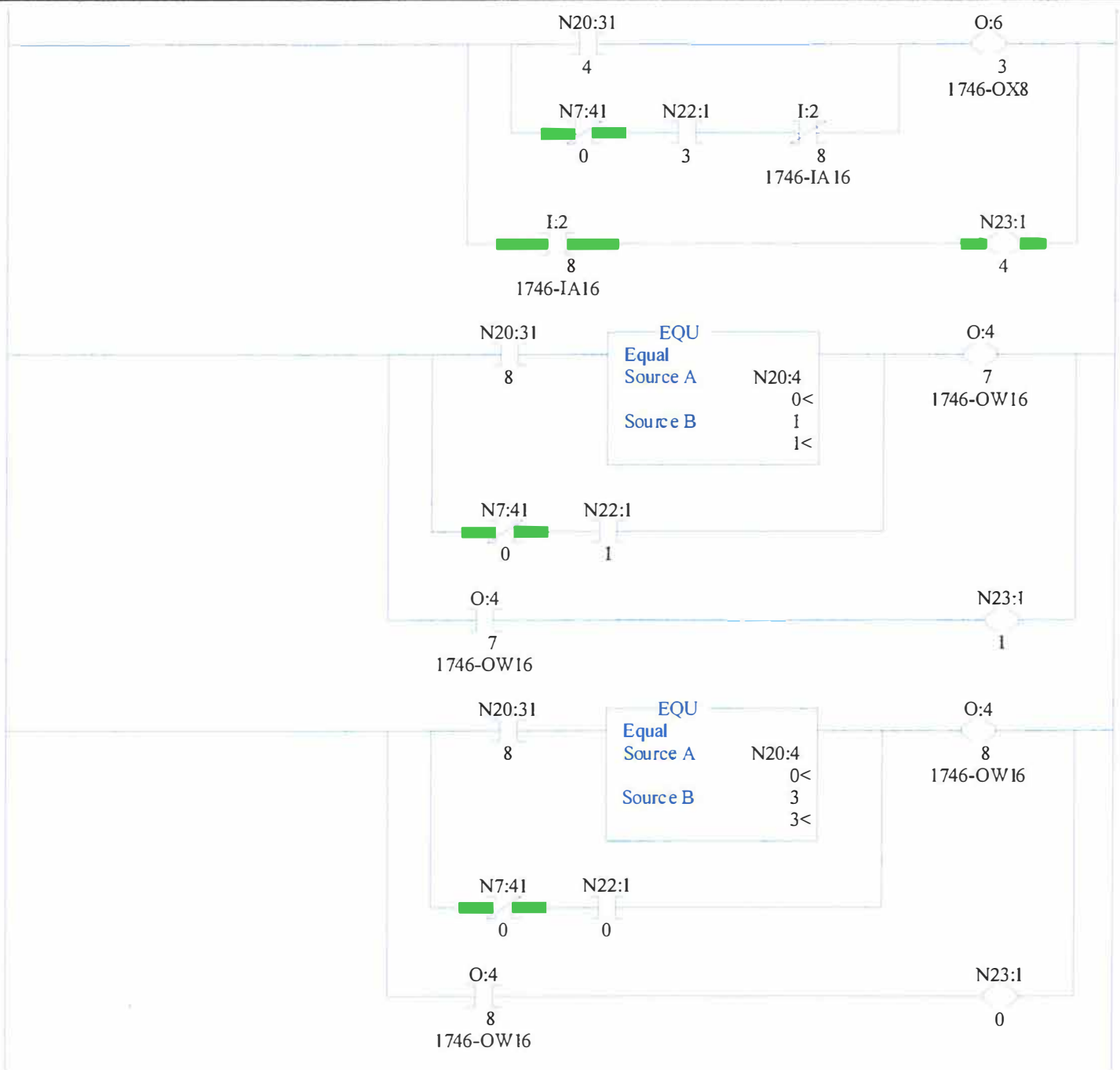




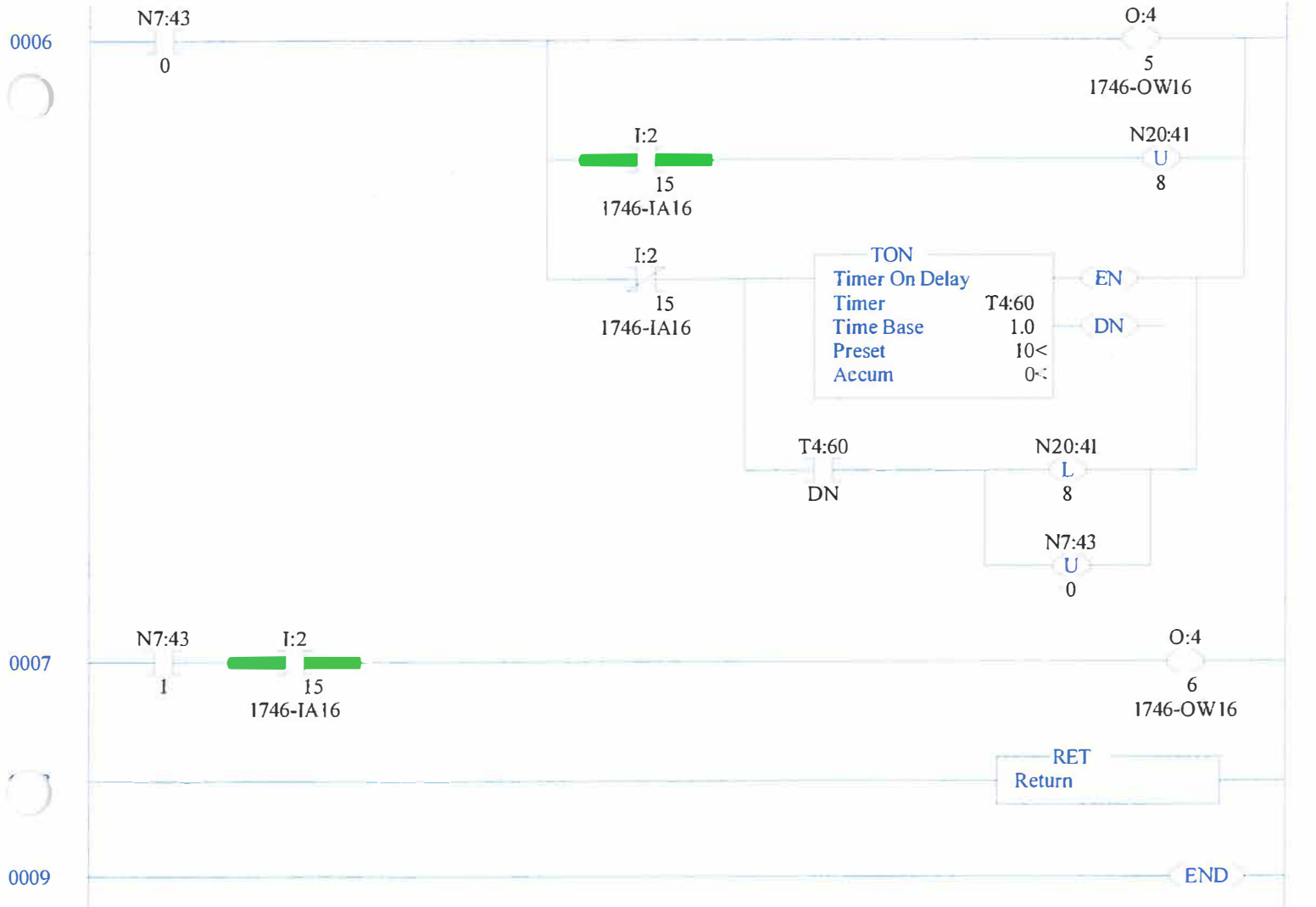
0003

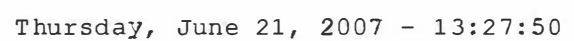


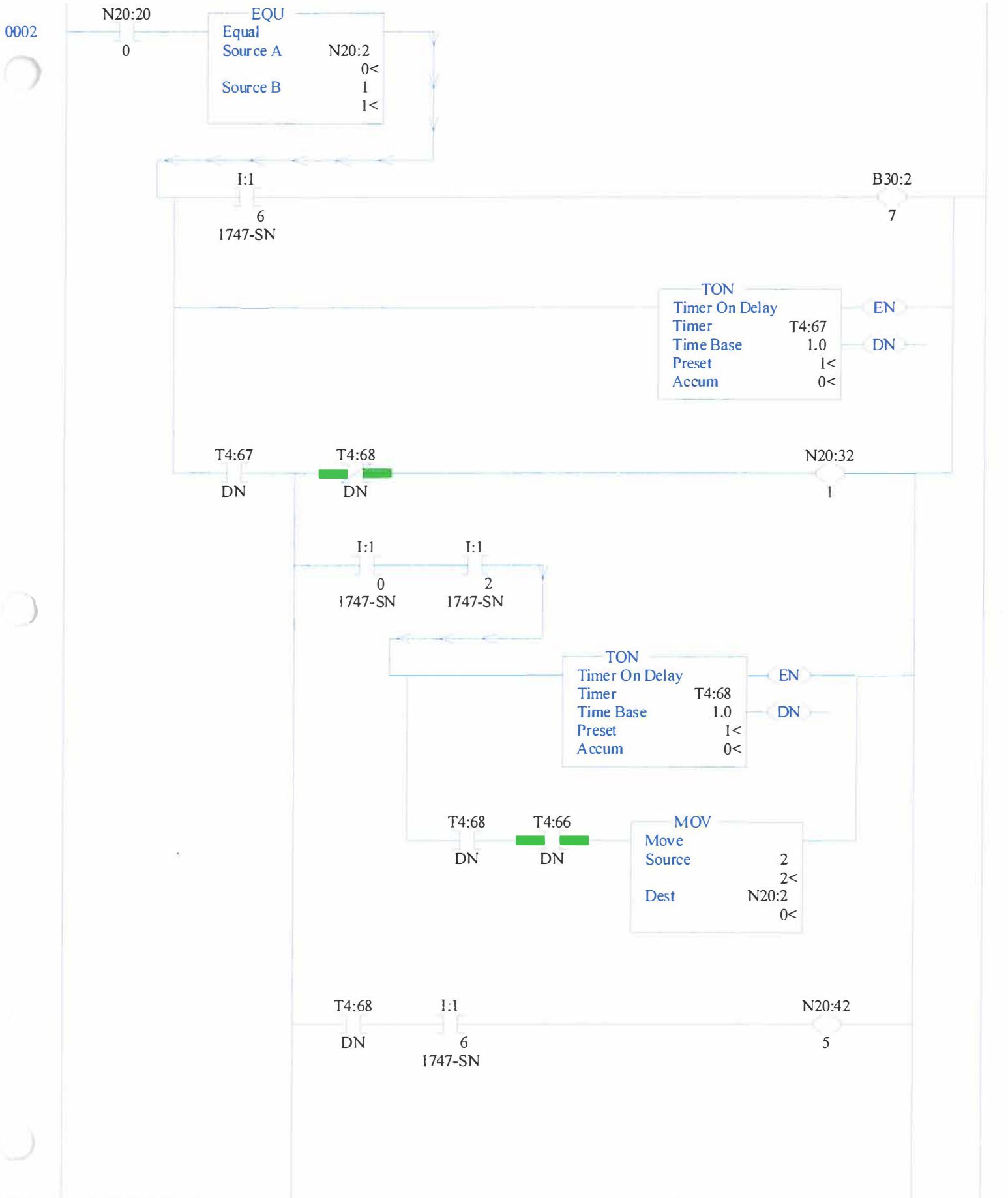
0004

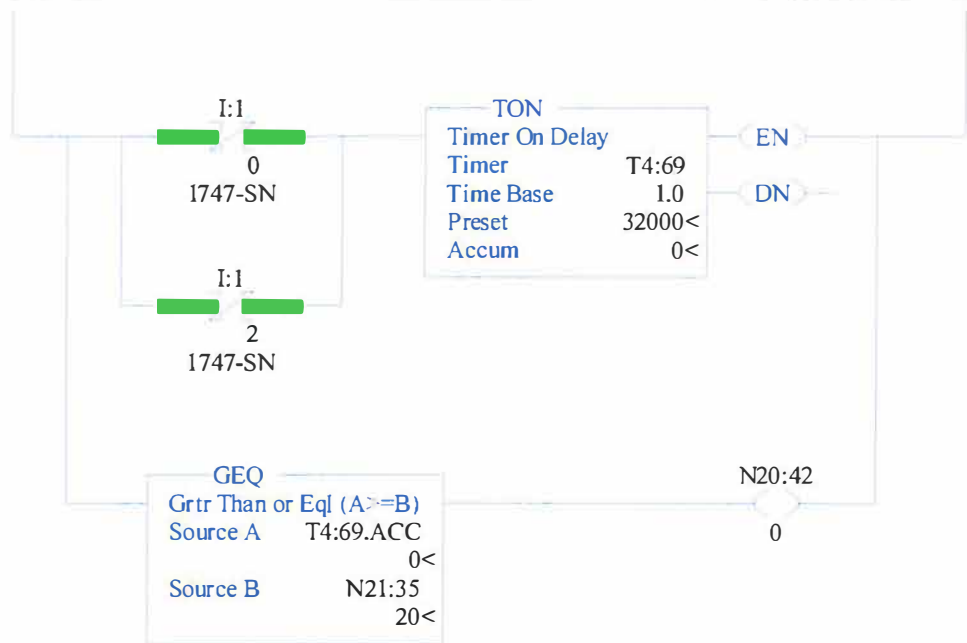


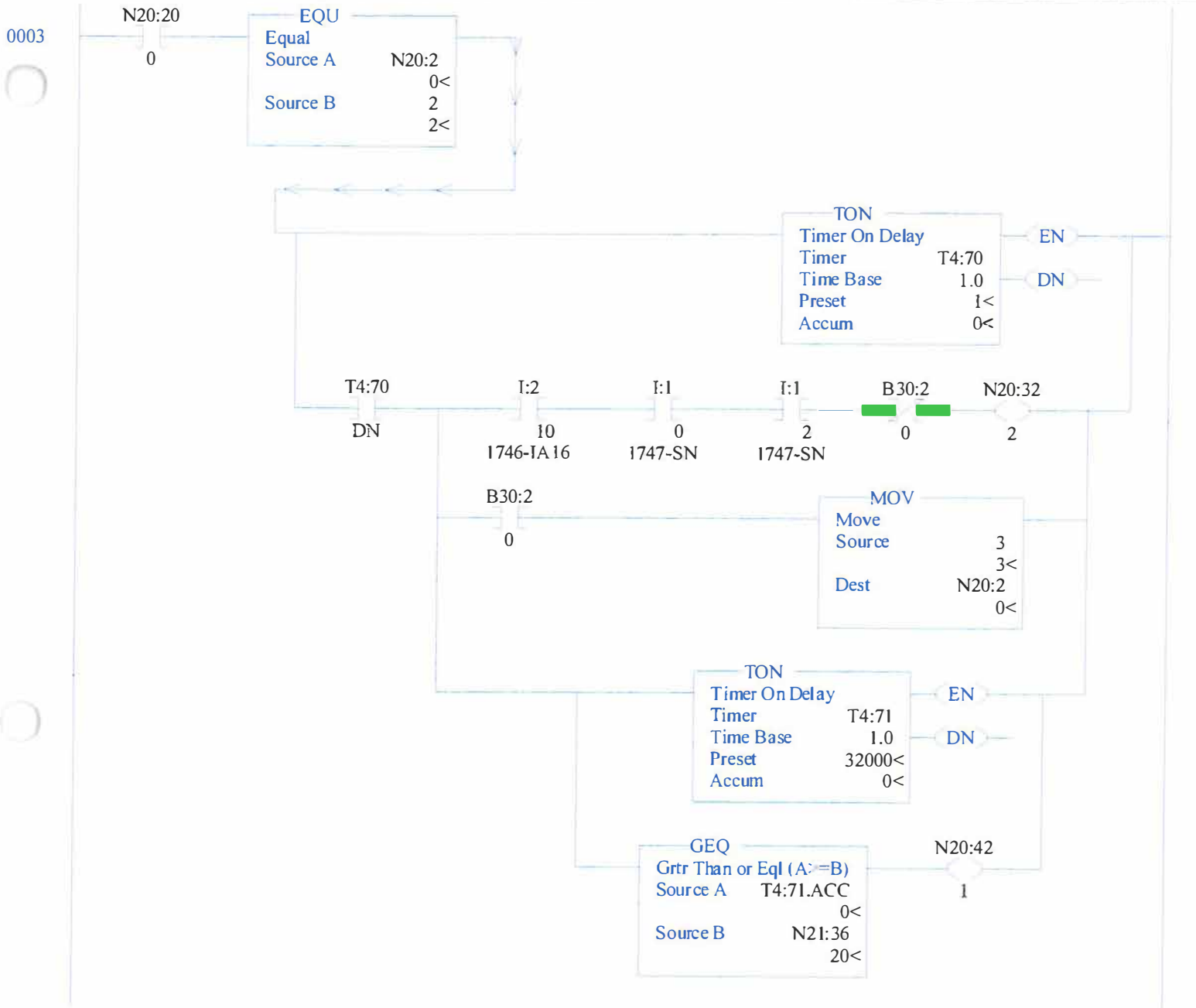
LAD 7 - --- Total Rungs in File = 10











0004

N20:20

0

EQU

Equal

Source A

N20:2

0<

Source B

3

3<

TON

Timer On Delay

Timer

T4:74

Time Base

1.0

Preset

3<

Accum

0<

EN

DN

T4:74

DN

N20:32

3

I:1

1

1747-SN

I:1

3

1747-SN

TON

Timer On Delay

Timer

T4:75

Time Base

1.0

Preset

4<

Accum

0<

EN

DN

T4:75

DN

MOV

Move

Source

4

4<

Dest

N20:2

0<

TON

Timer On Delay

Timer

T4:76

Time Base

1.0

Preset

32000<

Accum

0<

EN

DN

GEQ

Grtr Than or Eql (A:=B)

Source A

T4:76.ACC

0<

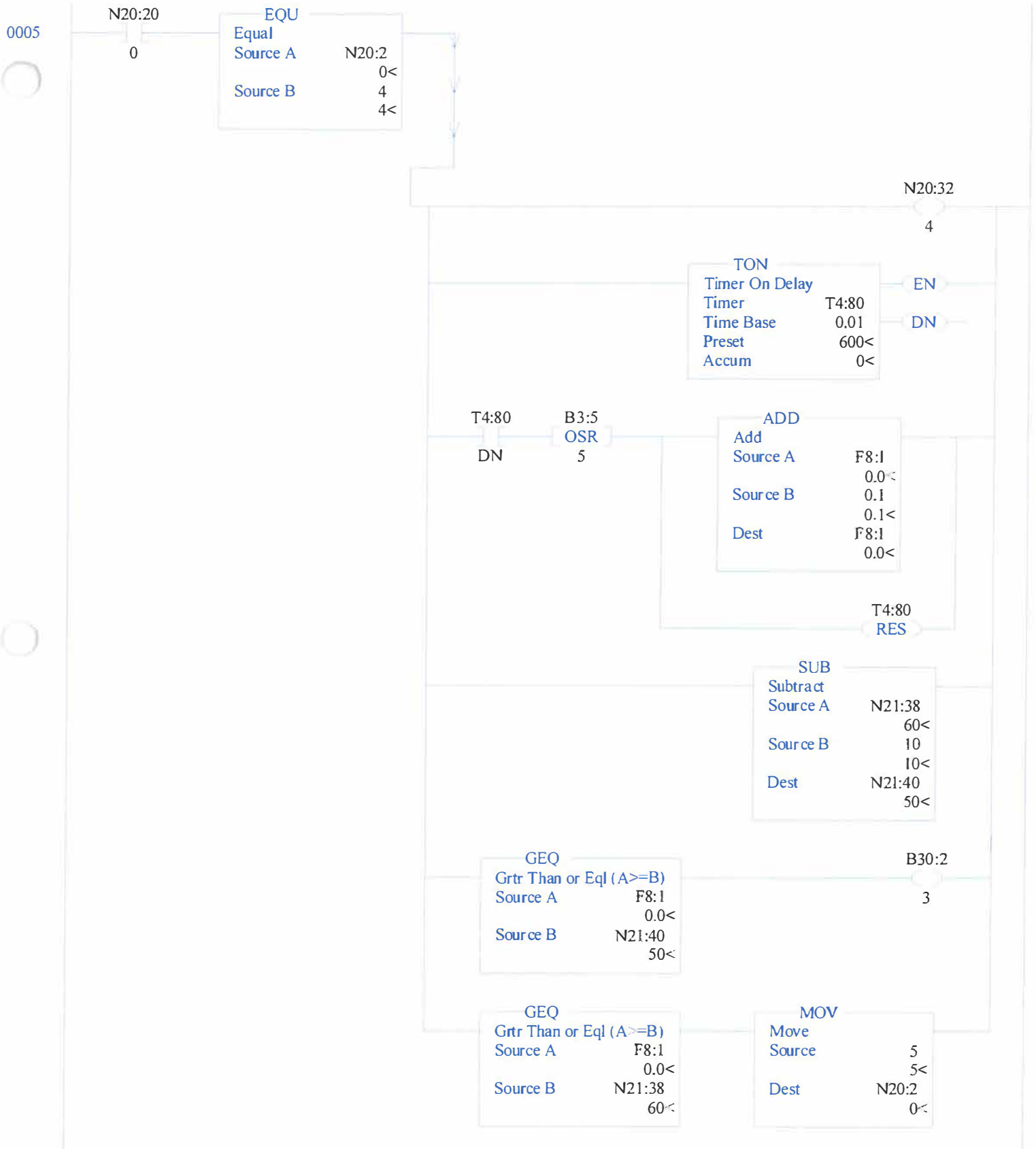
Source B

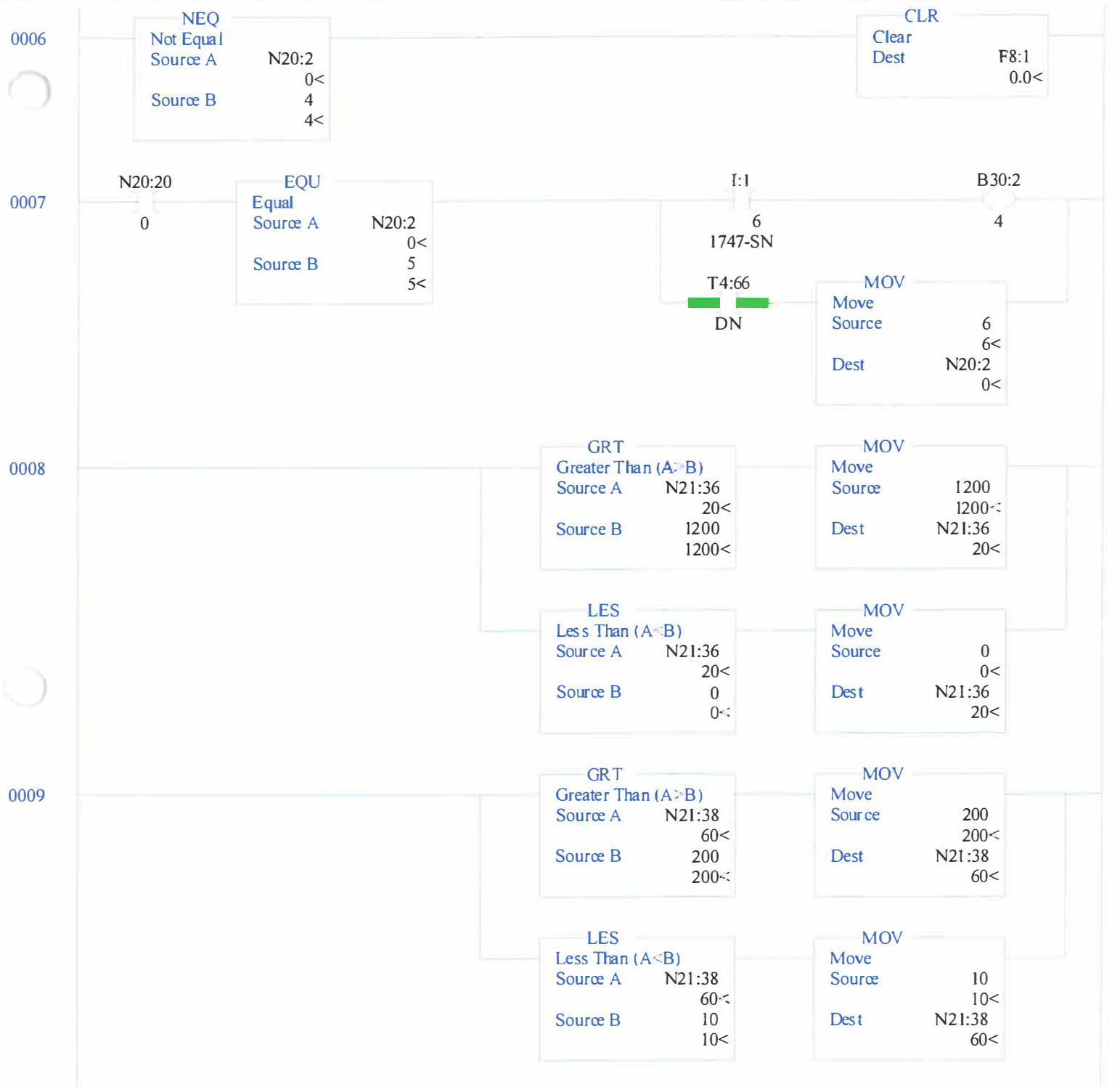
N21:37

20<

N20:42

2





0010

GRT
Greater Than (A>B)
Source A N21:35
20<
Source B 300
300<

MOV
Move
Source 300
300<
Dest N21:35
20<

LES
Less Than (A<B)
Source A N21:35
20<
Source B 1
1<

MOV
Move
Source 1
1<
Dest N21:35
20<

0011

GRT
Greater Than (A>B)
Source A N21:37
20<
Source B 300
300<

MOV
Move
Source 300
300<
Dest N21:37
20<

LES
Less Than (A<B)
Source A N21:37
20<
Source B 1
1<

MOV
Move
Source 1
1<
Dest N21:37
20<

GRT
Greater Than (A>B)
Source A F8:9
3040.0<
Source B 10000.0
10000.0<

MOV
Move
Source 10000.0
10000.0<
Dest F8:9
3040.0<

LES
Less Than (A<B)
Source A F8:9
3040.0<
Source B 1024.0
1024.0<

MOV
Move
Source 1024.0
1024.0<
Dest F8:9
3040.0<

0013

GRT
Greater Than (A>B)
Source A F8:26
77.3<
Source B 100.0
100.0<

MOV
Move
Source 100.0
100.0<
Dest F8:26
77.3<

LES
Less Than (A<B)
Source A F8:26
77.3<
Source B 1.0
1.0<

MOV
Move
Source 1.0
1.0<
Dest F8:26
77.3<

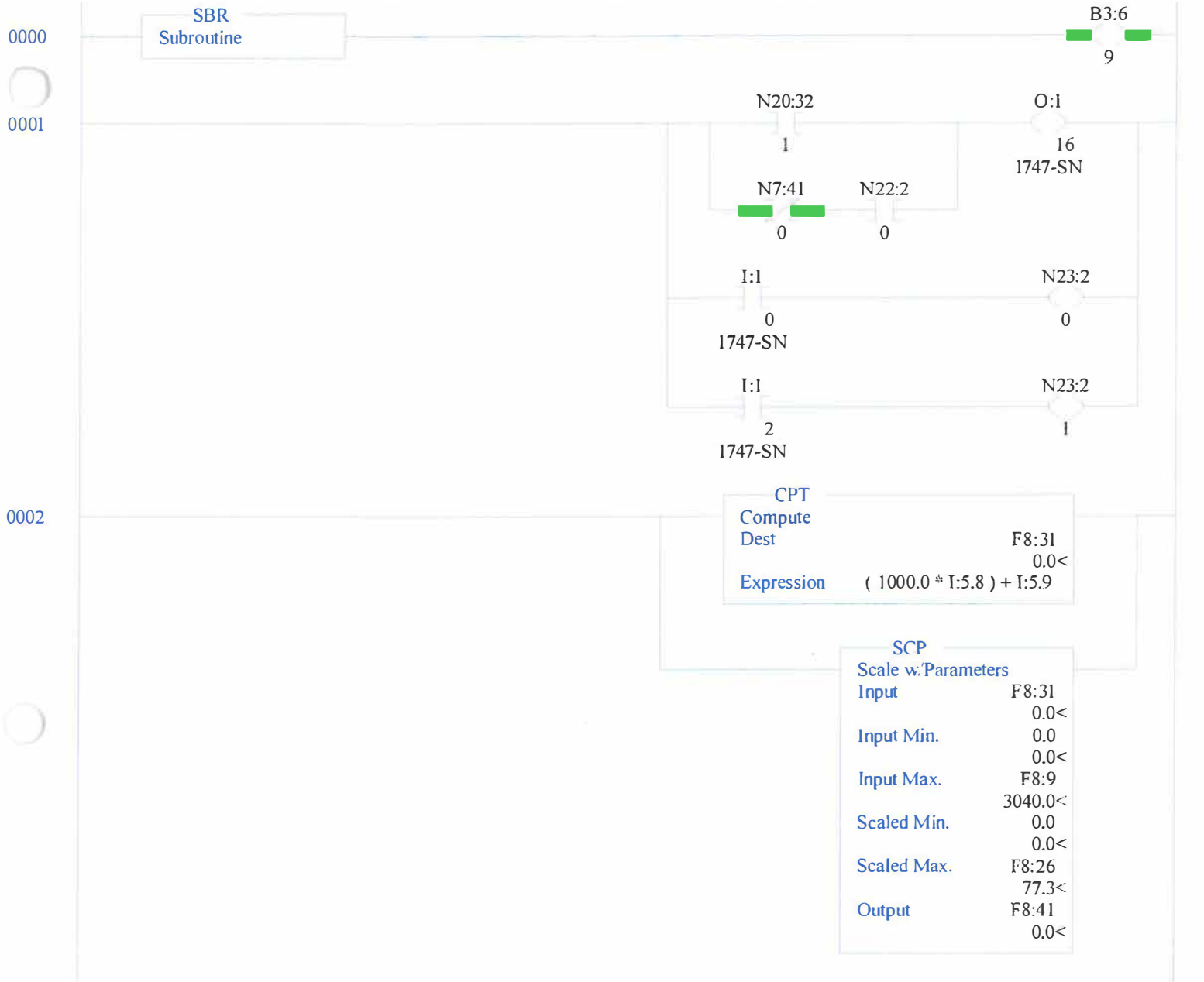
LAD 8 - --- Total Rungs in File = 16

0014

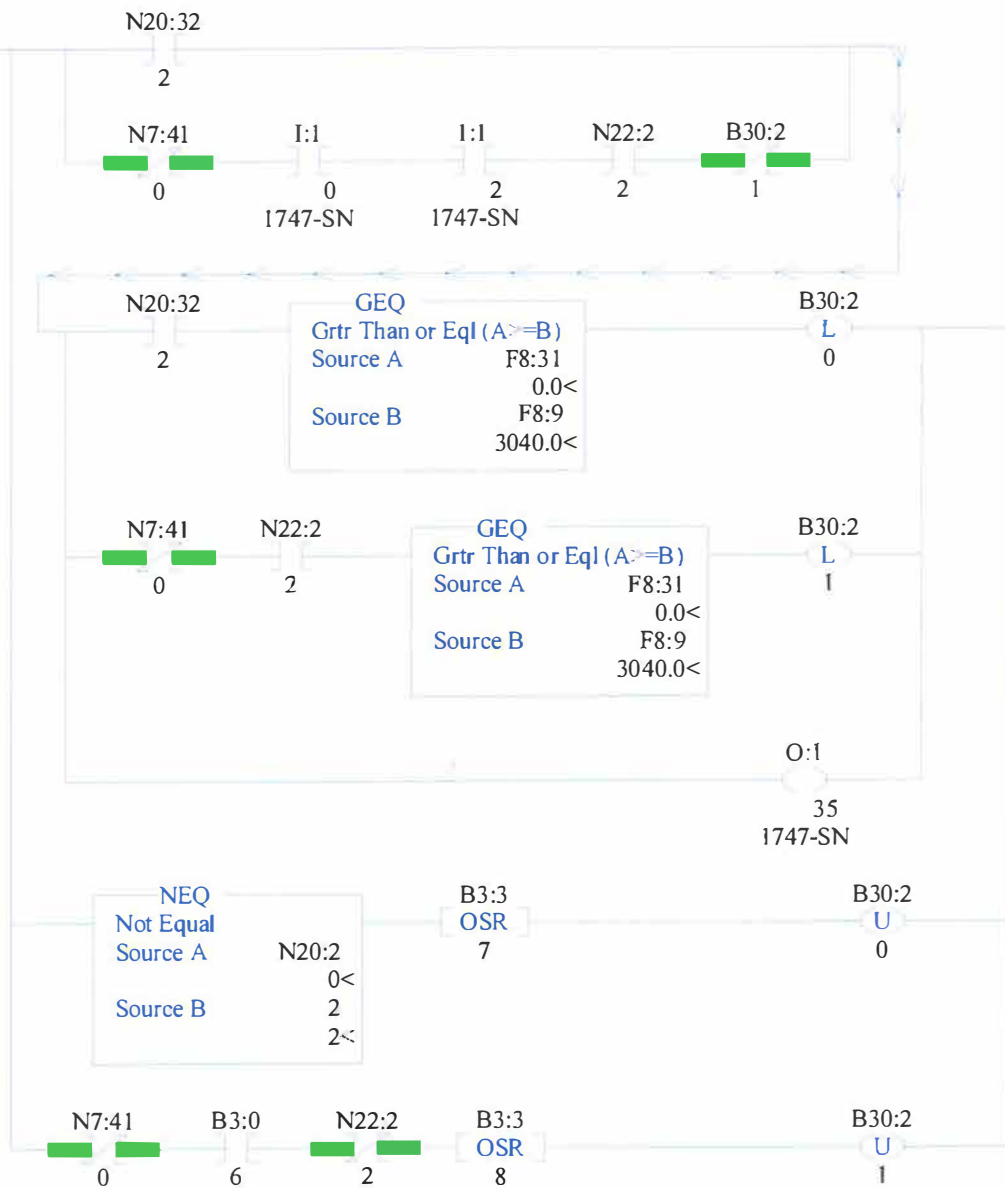
RET
Return

0015

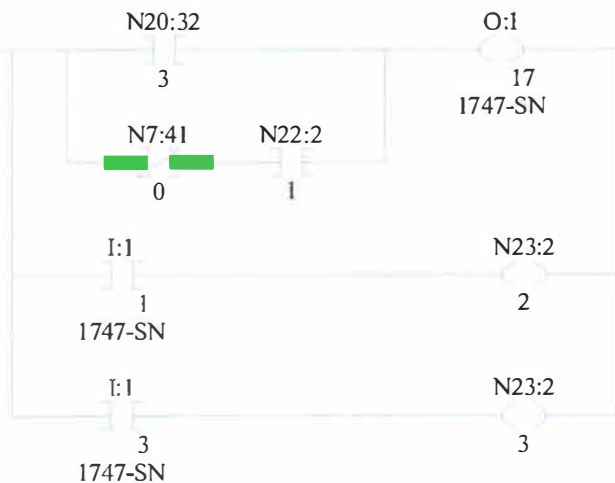
END

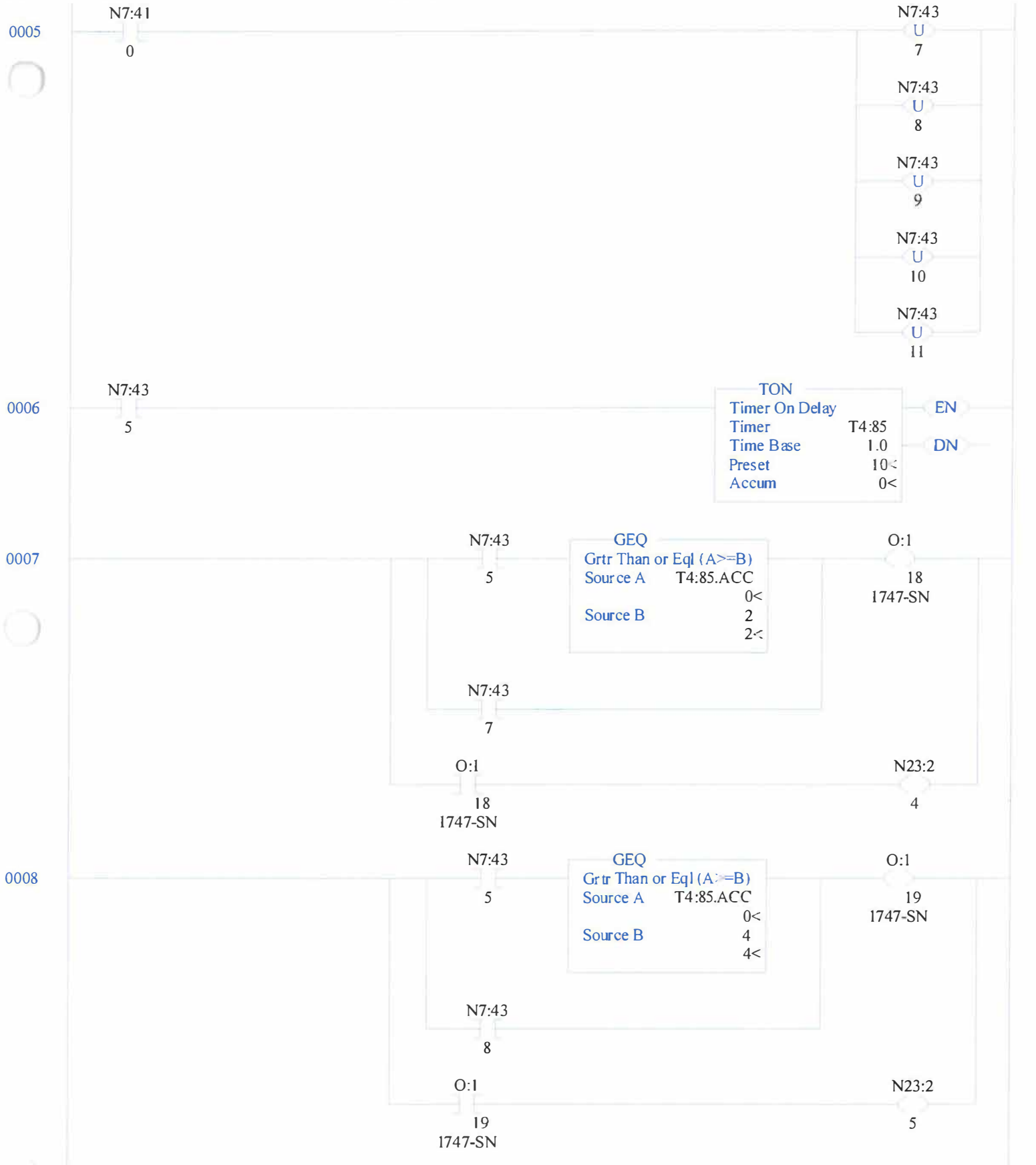


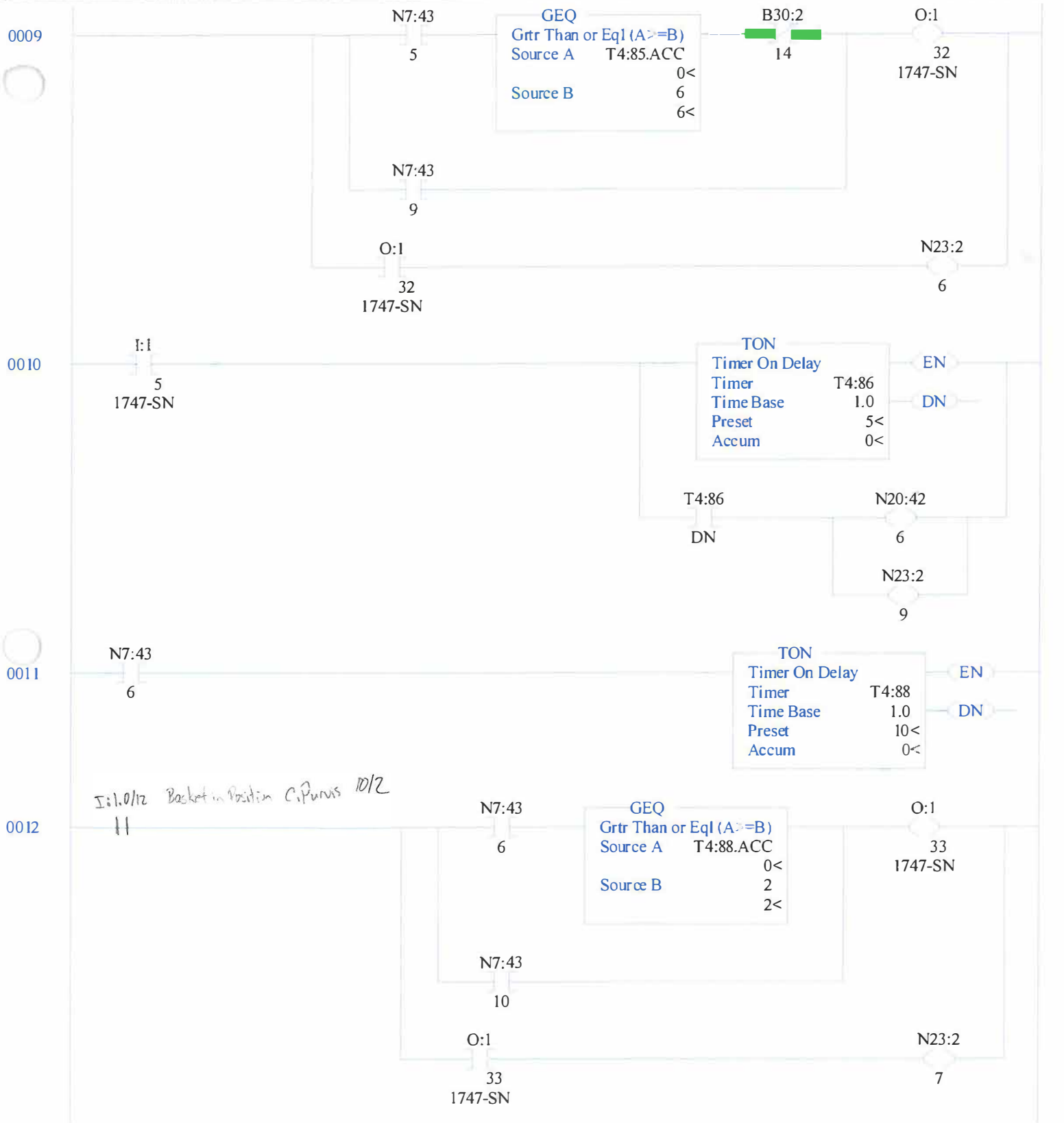
0003

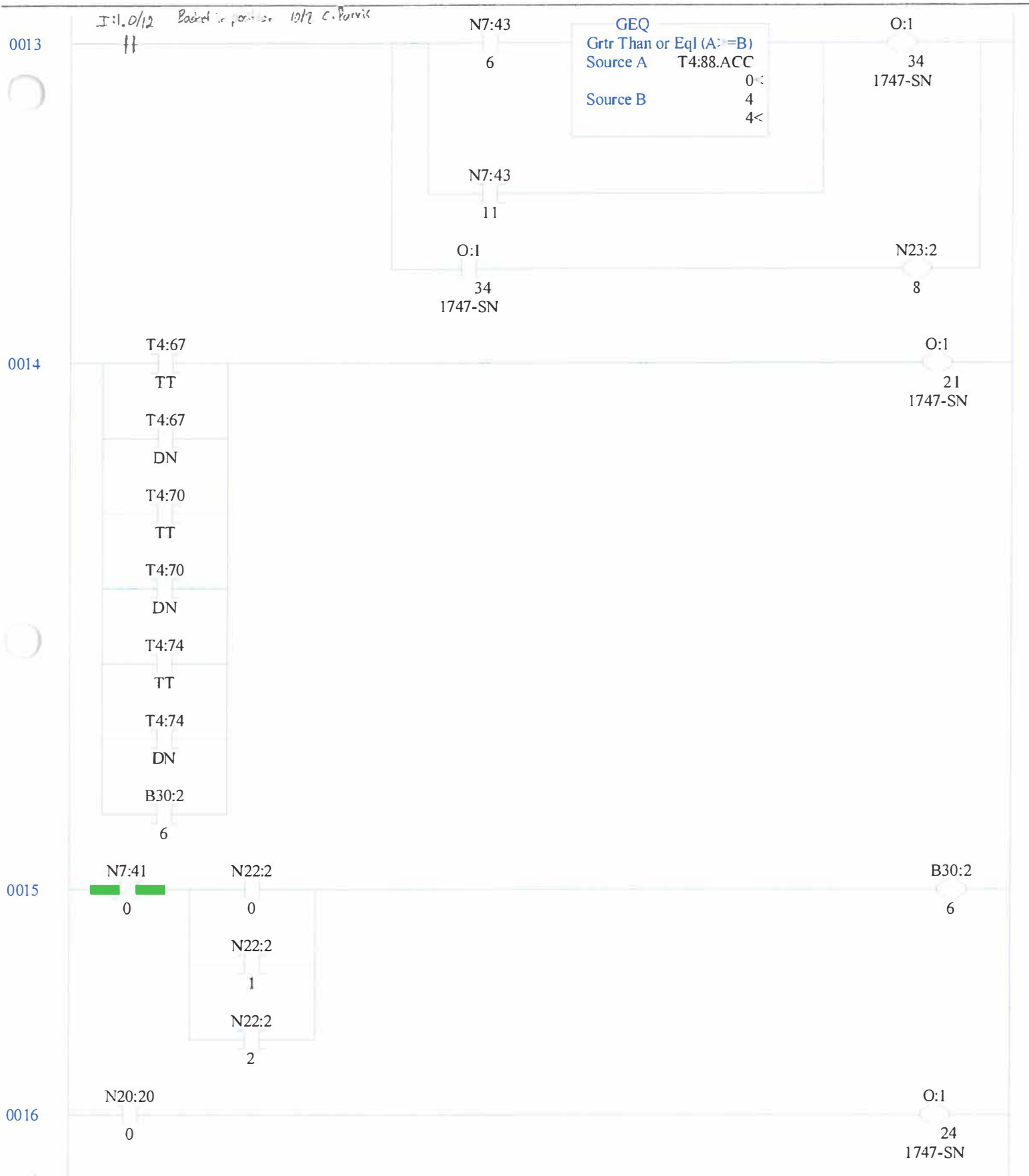


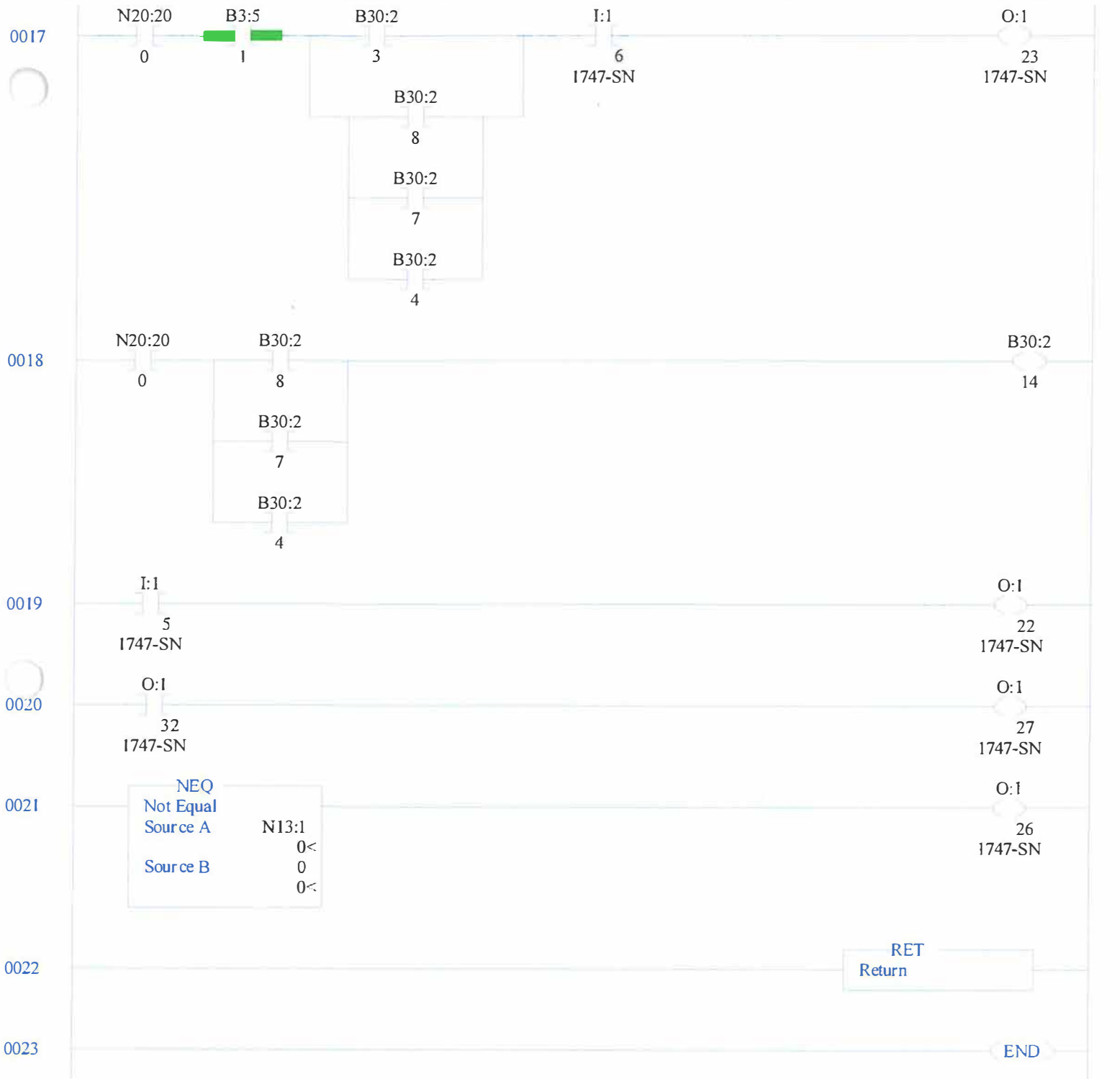
0004

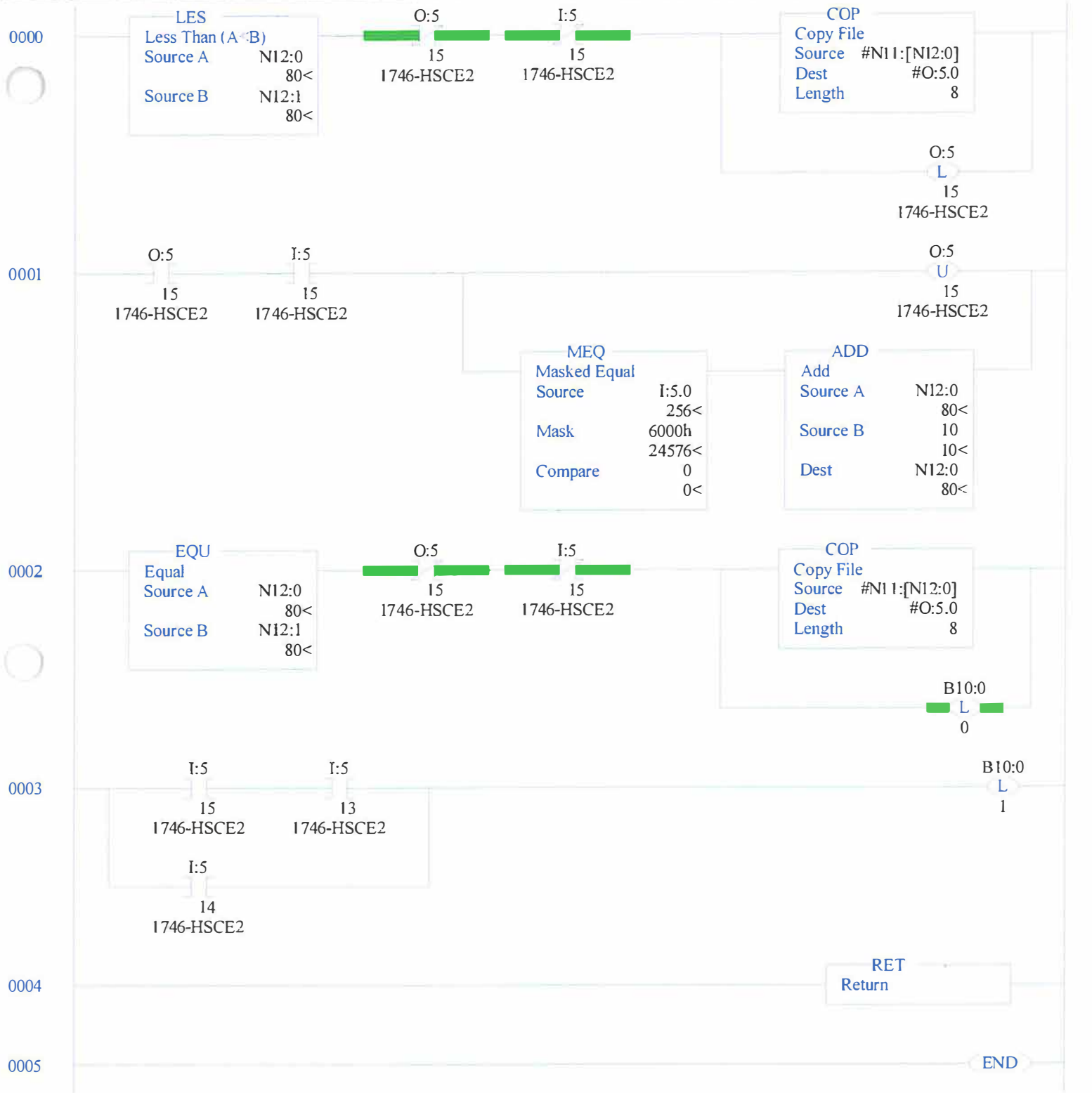












Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	
O:0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:0.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:1.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
O:4.0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-OW16 - 16-Output (RLY) 240 VAC
O:5.0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
O:5.1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1746-HSCE2 - High Speed Counter - Class
O:5.2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1746-HSCE2 - High Speed Counter - Class
O:5.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
O:5.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
O:5.5	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
O:5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
O:5.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
O:6.0									0	0	0	0	0	0	0	0	1746-OX8 - 8-Output Isolated Relay

Data File I1 (bin) -- INPUT

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	1747-SN - RIO Scanner
I:1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:1.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1747-SN - RIO Scanner
I:2.0	1	0	0	1	1	0	0	1	0	0	0	0	1	0	1	0	1746-IA16 - 16-Input 100/120 VAC
I:3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1746-IA16 - 16-Input 100/120 VAC
I:5.0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
I:5.1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1746-HSCE2 - High Speed Counter - Class
I:5.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
I:5.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
I:5.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
I:5.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
I:5.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
I:5.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
I:5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
I:5.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
I:5.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
I:5.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
I:5.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
I:5.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
I:5.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
I:5.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
I:5.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
I:5.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
I:5.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
I:5.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
I:5.20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
I:5.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class
I:5.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-HSCE2 - High Speed Counter - Class

First Pass S:1/15 = No
 Index Register S:24 = 0
 Free Running Clock S:4 = 1010-0110-0101-0010
 Index Across Data Files S:2/3 = No
 CIF Addressing Mode S:2/8 = 0
 Online Edits S:33/11 - S:33/12 = No online edits exist

D
 Date S:39-
 HH
 Time S:40-

OS Catalog Number S:57 = 401
 OS Series S:58 = C
 OS FRS S:59 = 8
 Processor Catalog Number S:60 = 541
 Processor Series S:61 = C
 Processor FRN S:62 = 7

User Program Type S:63 = 1025
 User Program Functionality Index S:64 = 95
 User RAM Size S:66 = 16
 OS Memory Size S:66 = 512

Maximum (x10 ms) S:22 = 2
 Average (x10 ms) S:23 = 1
 Current (x10 ms) S:3 (low byte) = 0
 Watchdog (x10 ms) S:3 (high byte) = 10
 Last 1ms Scan Time S:35 = 9
 Scan Toggle Bit S:33/9 = 1
 Time Base Selection S:33/13 = 0

Math Overflow Selected S:2/14 = 0
 Overflow Trap S:5/0 = 0
 Carry S:0/0 = 0
 Overflow S:0/1 = 0
 Zero Bit S:0/2 = 1
 Sign Bit S:0/3 = 0
 Floating Point Flag Disable S:34/2 = 0

Math Register (lo word) S:13 = 80
 Math Register (high word) S:14-S:13 =
 Math Register (32 Bit) S:14-S:13 = 80

I/O Interrupt Executing S:32 = 0

Interrupt Latency Control S:33/8 = 0
 Event Interrupt 10 uS Time Stamp S:

I/O Slot Enables: S:11 _S:12

0	10	20	30
11111111	11111111	11111111	11111111

I/O Slot Interrupt Enables: S:27 S:28

0	10	20	30
11111111	11111111	11111111	11111111

I/O Slot Interrupt Pending: S:25 _S:26

0	10	20	30
00000000	00000000	00000000	00000000

Processor Mode S:1/0- S:1/4 = Remote Run
 Channel Mode S:33/3 = 1
 Comms Active S:33/4 = 0
 Incoming Cmd Pending S:33/0 = 0
 Msg Reply Pending S:33/1 = 0
 DH485 Pass-Thru Disabled Bit S:34/0 = 0
 DF1 Pass-Thru Enable Bit S:34/5 = 0

DTR Control Bit S:33/14 = 0
 DTR Force Bit S:33/15 = 0
 Outgoing Msg Cmd Pending S:33/2 = 0
 Comms Servicing Sel S:33/5 = 0
 Msg Servicing Sel S:33/6 = 0
 Modem Lost S:5/14 = 1

Processor Mode S:1/0- S:1/4 = Remote Run
 Comms Active S:1/7 = 0
 Incoming Cmd Pending S:2/5 = 0
 Msg Reply Pending S:2/6 = 0

Outgoing Msg Cmd Pending S:2/7 = 0
 Comms Servicing Sel S:2/15 = 1
 Msg Servicing Sel S:33/7 = 0
 Monitor DH+ Active Node Table S:34/1

Active Nodes (Octal): S:83 - S:86

0	10	20	30
00000000	00000000	00000000	00000000
00000000	00000000	00000000	00000000

Suspend Code S:7 = 0
 Suspend File S:8 = 0
 Compiled For Single Step S:2/4 = Yes

Test Single Step Breakpoint
 Rung # S:18 = 0
 File # S:19 = 0

Fault/Powerdown
 Fault/Powerdown (Rung #) S:20 = 33
 (File #) S:21 = 2

Test Single Step
 Rung # S:16 = 0
 File # S:17 = 2

Fault Override At Power Up S:1/8 = 0
 Startup Protection Fault S:1/9 = 0
 Major Error Halt S:1/13 = 0
 Overflow Trap S:5/0 = 0
 Control Register Error S:5/2 = 0
 Major Error Executing User
 Fault Rtn. S:5/3 = 0
 M0/M1 Referenced On Disabled
 Slot S:5/4 = 0
 Battery Low S:5/11 = 0
 Fault/Powerdown (Rung #) S:20 = 33
 (File #) S:21 = 2

ASCII String Manipulation error S:5/15
 Fault Routine S:29 = 0
 Major Error S:6 = 0h

Error Description:

Setpoint (x10ms) S:30 = 0
 File Number S:31 = 0
 10 uS Time Stamp S:43 = 0
 Pending Bit S:2/0 = 0
 Enable Bit S:2/1 = 1

Resolution Select Bit S:2/10 = 0
 Executing Bit S:2/2 = 0
 Overflow Bit S:5/10 = 0
 Lost S:36/9 = 0
 Interrupt Latency Control S:33/8 = 0

Preset S:50 = 0
 Accumulator S:52 = 0
 Pending Bit S:2/11 = 0
 Enable Bit S:2/12 = 1
 Executing Bit S:2/13 = 0
 Reconfiguration Bit S:33/10 = 0
 Overflow Bit S:5/12 = 0
 Lost S:36/8 = 0
 10 uS Time Stamp S:45 = 0

File Number S:46 = 0
 Slot Number S:47 = 0
 Bit Mask S:48 = 0h
 Compare Value S:49 = 0h
 Return Mask S:51 = 0h
 Last Scan Time (x1 ms) S:55 = 0
 Max Observed Scan Time (x1 ms) S:56 = 0
 Interrupt Latency Control S:33/8 = 0

Deny Future Access S:1/14 = No

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
 Load Memory Module and RUN S:1/12 = 0
 Program Compare S:2/9 = 0
 Data File Overwrite Protection Lost S:36/10 = 0

Fuses Enabled S:1/5 = No
 Fuses Installed S:1/6 = No

Global Status Word S:99 = 0h

Transmit Control Bit S:34/3 = 0
 Receive Control Bit S:34/4 = 0

	Node	0	1	2	3	4	5	6
S:100	0	0h	0h	0h	0h	0h	0h	0h
S:108	10	0h	0h	0h	0h	0h	0h	0h
S:116	20	0h	0h	0h	0h	0h	0h	0h
S:124	30	0h	0h	0h	0h	0h	0h	0h
S:132	40	0h	0h	0h	0h	0h	0h	0h
S:140	50	0h	0h	0h	0h	0h	0h	0h
S:148	60	0h	0h	0h	0h	0h	0h	0h
S:156	70	0h	0h	0h	0h	0h	0h	0h

Data File B3 (bin) -- BINARY

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol) Description
B3:0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	
B3:1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	
B3:2	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	
B3:3	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	
B3:4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	
B3:6	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	
B3:7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B3:55	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	1	1	0	.01 sec	140	96	
T4:1	0	0	0	1.0 sec	0	0	
T4:2	0	0	0	1.0 sec	1	0	
T4:3	0	0	0	1.0 sec	0	0	
T4:4	0	0	0	1.0 sec	32000	0	
T4:5	0	0	0	1.0 sec	30	0	
T4:6	0	0	0	1.0 sec	1	0	
T4:7	0	0	0	1.0 sec	10	0	
T4:8	0	0	0	1.0 sec	32000	0	
T4:9	0	0	0	1.0 sec	32000	0	
T4:10	0	0	0	1.0 sec	3	0	
T4:11	0	0	0	1.0 sec	4	0	
T4:12	0	0	0	1.0 sec	32000	0	
T4:13	0	0	0	.01 sec	600	0	
T4:14	0	0	0	1.0 sec	1	0	
T4:15	0	0	0	1.0 sec	5	0	
T4:16	0	0	0	1.0 sec	1	0	
T4:17	0	0	0	1.0 sec	10	0	
T4:18	0	0	0	1.0 sec	5	0	
T4:19	0	0	0	1.0 sec	2	0	
T4:20	1	0	1	1.0 sec	2	0	
T4:21	0	0	0	.01 sec	0	0	
T4:22	0	0	0	.01 sec	0	0	
T4:23	0	0	0	.01 sec	0	0	
T4:24	0	0	0	.01 sec	0	0	
T4:25	0	0	0	1.0 sec	6	0	
T4:26	0	0	0	.01 sec	0	0	
T4:27	0	0	0	.01 sec	0	0	
T4:28	0	0	0	1.0 sec	3	0	
T4:29	0	0	0	1.0 sec	3	0	
T4:30	0	0	0	1.0 sec	3	0	
T4:31	0	0	0	1.0 sec	3	0	
T4:32	0	0	0	1.0 sec	10	0	
T4:33	0	0	0	.01 sec	0	0	
T4:34	0	0	0	.01 sec	0	0	
T4:35	0	0	0	1.0 sec	10	0	
T4:36	0	0	0	.01 sec	0	0	
T4:37	0	0	0	.01 sec	0	0	
T4:38	0	0	0	.01 sec	0	0	
T4:39	0	0	0	.01 sec	0	0	
T4:40	0	0	0	.01 sec	0	0	
T4:41	0	0	0	1.0 sec	2	0	
T4:42	0	0	0	1.0 sec	1	0	
T4:43	0	0	0	1.0 sec	0	0	
T4:44	0	0	0	1.0 sec	32000	0	
T4:45	0	0	0	.01 sec	0	0	
T4:46	0	0	0	1.0 sec	1	0	
T4:47	0	0	0	.01 sec	0	0	
T4:48	0	0	0	1.0 sec	32000	0	
T4:49	0	0	0	.01 sec	0	0	
T4:50	0	0	0	.01 sec	600	0	
T4:51	0	0	0	.01 sec	0	0	
T4:52	0	0	0	1.0 sec	1	0	
T4:53	0	0	0	1.0 sec	32000	0	
T4:54	0	0	0	1.0 sec	2	0	
T4:55	0	0	0	1.0 sec	0	0	
T4:56	0	0	0	1.0 sec	32000	0	
T4:57	0	0	0	.01 sec	0	0	
T4:58	0	0	0	1.0 sec	1	0	
T4:59	0	0	0	1.0 sec	32000	0	
T4:60	0	0	0	1.0 sec	10	0	
T4:61	0	0	0	.01 sec	0	0	
T4:62	0	0	0	.01 sec	0	0	

Offset	EN	TT	DN	BASE	PRE	ACC	(Symbol) Description
T4:63	0	0	0	.01 sec	0	0	
T4:64	0	0	0	.01 sec	0	0	
T4:65	0	0	0	1.0 sec	0	0	
T4:66	1	0	1	1.0 sec	3	3	
T4:67	0	0	0	1.0 sec	1	0	
T4:68	0	0	0	1.0 sec	1	0	
T4:69	0	0	0	1.0 sec	32000	0	
T4:70	0	0	0	1.0 sec	1	0	
T4:71	0	0	0	1.0 sec	32000	0	
T4:72	0	0	0	.01 sec	0	0	
T4:73	0	0	0	.01 sec	0	0	
T4:74	0	0	0	1.0 sec	3	0	
T4:75	0	0	0	1.0 sec	4	0	
T4:76	0	0	0	1.0 sec	32000	0	
T4:77	0	0	0	.01 sec	0	0	
T4:78	0	0	0	.01 sec	0	0	
T4:79	0	0	0	.01 sec	0	0	
T4:80	0	0	0	.01 sec	600	0	
T4:81	0	0	0	.01 sec	0	0	
T4:82	0	0	0	.01 sec	0	0	
T4:83	0	0	0	.01 sec	0	0	
T4:84	0	0	0	.01 sec	0	0	
T4:85	0	0	0	1.0 sec	10	0	
T4:86	0	0	0	1.0 sec	5	0	
T4:87	0	0	0	.01 sec	0	0	
T4:88	0	0	0	1.0 sec	10	0	
T4:89	0	0	0	.01 sec	0	0	
T4:90	0	0	0	1.0 sec	15	0	
T4:91	0	0	0	1.0 sec	15	0	
T4:92	0	0	0	.01 sec	0	0	
T4:93	0	0	0	.01 sec	0	0	
T4:94	0	0	0	.01 sec	0	0	
T4:95	0	0	0	1.0 sec	32000	0	
T4:96	0	0	0	1.0 sec	32000	0	
T4:97	0	0	0	.01 sec	0	0	
T4:98	0	0	0	.01 sec	0	0	
T4:99	0	0	0	.01 sec	0	0	
T4:100	0	0	0	.01 sec	0	0	

Offset	CU	CD	DN	OV	UN	UA	PRE	ACC	(Symbol)	Description
C	0	0	0	0	0	0	1	0		
C	0	0	1	0	0	0	1	2		
C5:2	0	0	0	0	0	0	1	2		

Offset	EN	EU	DN	EM	ER	UL	IN	FD	LEN	POS	(Symbol) Description
R00	0	0	0	0	0	0	0	0	3	0	
R	0	0	0	0	0	0	0	0	3	0	

Data File N7 (dec) -- INTEGER

Offset	0	1	2	3	4	5	6	7	8	9
N7:0	0	0	0	0	0	0	0	0	0	0
N7:10	0	0	0	0	0	0	10	44	9	16
N7:20	0	0	0	0	0	0	0	0	0	0
N7:30	0	0	0	0	0	0	0	0	0	0
N7:40	0	0	0	0	0	0	0	0	0	0

Data File F8 -- FLOAT

Offset	0	1	2	3	4
F8:0	0	0	0	0	0
F8:5	0	0	0	1400	3040
F8:10	0	0	0	0	0
F8:15	0	10	-10	0	0
F8:20	0	10	-10	0	0
F8:25	70	77.3	0	0	0
F8:30	0	0	0	0	0
F8:35	1424	0	0	0	0
F8:40	0	0	0	0	0
F8:45	0	0	0	0	0

Data File B10 (bin)

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol)	Description
B10:0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
B10:1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B10:62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

Data File B10 (bin)

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol) Description
B10:63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B10:99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Data File N11 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N11:0	1	257	4	0	0	0	0	0	0	0
N11:10	770	18	0	18	0	0	0	0	0	0
N11:20	4	0	0	140	0	0	0	0	0	0
N11:30	260	0	0	140	0	0	0	0	0	0
N11:40	8	-100	0	1000	0	0	0	0	0	0
N11:50	264	-100	0	1000	0	0	0	0	0	0
N11:60	16	1	0	0	2	0	1	0	0	0
N11:70	272	32	0	0	2	0	2	0	0	0
N11:80	128	-32767	-32767	0	0	768	0	0	0	0
N11:90	0	0	0	0	0	0	0	0	0	0
N11:100	0	0	0	0	0	0	0	0	0	0
N11:110	0	0	0	0	0	0	0	0	0	0
N11:120	0	0	0	0	0	0	0	0	0	0
N11:130	0	0	0	0	0	0	0	0	0	0
N11:140	0	0	0	0	0	0	0	0	0	0
N11:150	0									

Data File N12 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N 0	80	80	8	0	0	0	0	0	0	0
N 10	0	0	0	0	0	0	0	0	0	0
N12:20	0	0	0	0	0					

Data File N13 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N13:0	32	0	0	0	0	0	0	0	0	0
N13:10	32	0	0	0	0	0	0	0	0	0
N13:20	0	0	0	0	0	0	0	0	0	0
N13:30	0	0	0	0	0	0	0	0	0	0
N13:40	0	0	0	0	0	0	0	0	0	0

Data File N14 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N14:0	0	0	0	0	0	0	0	0	0	0
N14:10	0	0	0	0	0	0	0	0	0	0
N14:20	0	0	0	0	0	0	0	0	0	0
N14:30	0	0	0	0	0	0	0	0	0	0
N14:40	0	0	0	0	0	0	0	0	0	0

Data File N20 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N20:0	4	2	0	0	0	18	8	34	8	13
N20:10	0	0	0	0	0	0	0	0	0	0
N20:20	0	0	0	0	0	0	0	0	0	0
N20:30	0	0	0	0	0	0	0	0	0	0
N20:40	0	0	0	0	0	0	0	0	0	0
N20:50	0	0	0	0	0	0	0	0	0	0

Data File N21 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N 00	35	60	660	50	3000	50	60	0	0	0
N 010	20	20	0	0	0	0	0	0	0	0
N21:20	42	40	1	34	35	12	0	0	0	42
N21:30	0	0	0	0	0	20	20	20	60	0
N21:40	50	0	0	0	0	0	0	0	0	0
N21:50	0									

Data File N22 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N22:0	0	0	0	0	0	0	0	0	0	0
N22:10	0	0	0	0	0	0	0	0	0	0
N22:20	0	0	0	0	0	0	0	0	0	0

Data File N23 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N23:0	67	16	0	0	0	0	0	0	0	0
N23:10	0	0	0	0	0	0	0	0	0	0
N23:20	0	0	0	0	0					

Data File N24 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0
N24:20	0	0	0	0	0	0	0	0	0	0
N24:30	0	0	0	0	0	0	0	0	0	0
N24:40	0	0	0	0	0	0	0	0	0	0
N24:50	0									

Data File B30 (bin)

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol) Description
B30:0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B30:1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B30:2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B30:3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B30:4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B30:5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B30:6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B30:7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B30:8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B30:9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B30:10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B30:11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B30:12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B30:13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B30:14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B30:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B30:16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B30:17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B30:18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B30:19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B30:20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Data File B31 (bin)

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

Address (Symbol) = Value [Description]

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group	Dev. Code	ABV	B:
S:0			Arithmetic Flags				
S:0/0			Processor Arithmetic Carry Flag				
S:0/1			Processor Arithmetic Underflow/ Overflow Flag				
S:0/3			Processor Arithmetic Zero Flag				
S:0/4			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:6/1			Battery Low				
S:7			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/DFI				
S:33/4			Communicat Active				
S:33/5			Communicat Servicing Selection				
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				

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group	Dev. Code	ABV	B
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				

Instruction Comment Database

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

Symbol Group Database

Group_Name	Description
------------	-------------