

RSLogix 500 Project Report



Processor Information

Processor Type: 1747-L543C 5/04 CPU - 64K Mem. OS401 Series C FRN 3-8

Processor Name: OC_SL_20

Total Memory Used: 2834 Instruction Words Used - 3371 Data Table Words Used

Total Memory Left: 57380 Instruction Words Left

Program Files: 20

Data Files: 83

Program ID: fb8e

I/O Configuration

0	1747-L543C	5/04 CPU - 64K Mem. OS401 Series C F
1	1746-BAS-5/02	BASIC Module - M0/M1 capable
2	1746-IB16	16-Input (SINK) 24 VDC
3	1746-NI16I	Analog 16 Ch. Current Input - Class 3
4	1746-NO4I	Analog 4 Ch. Current Output
5	1746-NO4I	Analog 4 Ch. Current Output
6	1746-OX8	8-Output Isolated Relay
7	1746-OX8	8-Output Isolated Relay
8	1746-OX8	8-Output Isolated Relay
9	1746-OX8	8-Output Isolated Relay
10	1746-OX8	8-Output Isolated Relay
11	1746-IB32	32-Input (SINK) 24 VDC
12	1746-IB32	32-Input (SINK) 24 VDC

Channel Configuration

GENERAL

Channel 1 Write Protected: No
Channel 1 Edit Resource/Owner Timeout(x1 sec): 60
Channel 1 Passthru Link ID(dec): 2

Channel 0 Write Protected: No
Channel 0 Edit Resource/Owner Timeout(x1 sec): 60
Channel 0 Passthru Link ID(dec): 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 : 20 (octal)
Baud: 57.6K

CHANNEL 0 (SYSTEM) - Driver: DF1 Full Duplex
Source ID: 0 (decimal)
Baud: 19200
Parity: NONE
Stop Bits: 1
Control Line : No Handshaking
Error Detection: CRC
Embedded Responses: Enabled
Duplicate Packet Detect: Yes
ACK Timeout(x20 ms): 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

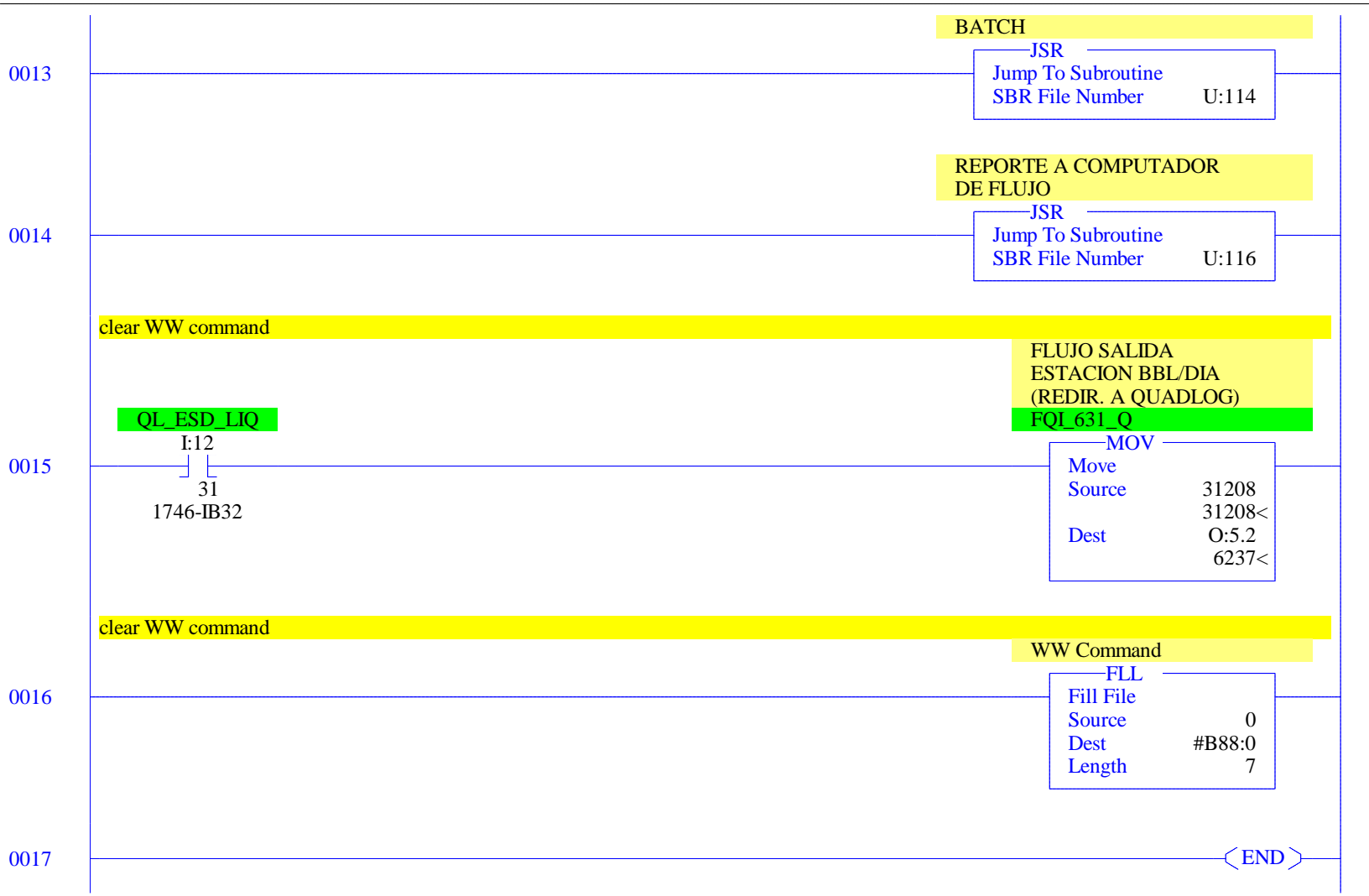
Name	Number	Type	Rungs	Debug	Bytes
[SYSTEM]	0	SYS	0	No	0
	1	SYS	0	No	0
PRINCIPAL	2	LADDER	18	No	181
ESCALAR	3	LADDER	47	No	1967
VALVULAS	4	LADDER	21	No	528
DATOS FC	5	LADDER	5	No	87
	6	LADDER	1	No	3
MOTORES	7	LADDER	75	No	1945
ALM&PARO	8	LADDER	170	No	4352
ESD PURGA	9	LADDER	5	No	173
DH+	10	LADDER	9	No	137
COMP_FLUJO	11	LADDER	11	No	575
PRODUCTO	13	LADDER	31	No	1463
CTRL P SUC	14	LADDER	19	No	575
CTRL FLUJO	15	LADDER	21	No	605
BACHES	114	LADDER	13	No	536
PROD A FC	115	LADDER	24	No	710
FECHA BACH	116	LADDER	39	No	640
HORA&FECHA	117	LADDER	4	No	86
32 BITS	118	LADDER	16	No	401

OC_SL_20_20231016							
Data File List							
Name	Number	Type	Scope	Debug	Words	Elements	Last
OUTPUT	0	O	Global	No	159	53	O:52
INPUT	1	I	Global	No	135	45	I:44
STATUS	2	S	Global	No	0	164	S:163
BINARY	3	B	Global	No	100	100	B3:99
TIMER	4	T	Global	No	450	150	T4:149
COUNTER	5	C	Global	No	3	1	C5:0
CONTROL	6	R	Global	No	3	1	R6:0
INTEGER	7	N	Global	No	100	100	N7:99
FLOAT	8	F	Global	No	20	10	F8:9
CNFG_NII6I	9	N	Global	No	26	26	N9:25
	10	N	Global	No	16	16	N10:15
	11	N	Global	No	16	16	N11:15
	12	N	Global	No	4	4	N12:3
DISC_INPUT	13	N	Global	No	2	2	N13:1
	14	B	Global	No	3	3	B14:2
	15	B	Global	No	2	2	B15:1
	16	B	Global	No	1	1	B16:0
ENABLE_BIT	17	B	Global	No	1	1	B17:0
	18	B	Global	No	1	1	B18:0
	19	B	Global	No	1	1	B19:0
	20	N	Global	No	24	24	N20:23
ONE_SHOT	21	N	Global	No	24	24	N21:23
	22	N	Global	No	16	16	N22:15
	23	N	Global	No	16	16	N23:15
	24	N	Global	No	24	24	N24:23
OSR_ALM	25	N	Global	No	24	24	N25:23
	26	N	Global	No	24	24	N26:23
	27	N	Global	No	24	24	N27:23
	28	N	Global	No	24	24	N28:23
FC_PROD	29	N	Global	No	24	24	N29:23
	30	B	Global	No	2	2	B30:1
	31	B	Global	No	2	2	B31:1
	32	B	Global	No	5	5	B32:4
FC_VIS_CON	33	B	Global	No	5	5	B33:4
	34	N	Global	No	101	101	N34:100
	35	N	Global	No	101	101	N35:100
	36	T	Global	No	300	100	T36:99
PID_BIN	40	B	Global	No	2	2	B40:1
	41	B	Global	No	2	2	B41:1
	42	B	Global	No	5	5	B42:4
	45	B	Global	No	73	73	B45:72
SP_FLUJO	50	N	Global	No	32	32	N50:31
	60	N	Global	No	20	20	N60:19
	61	N	Global	No	14	14	N61:13
	68	N	Global	No	10	10	N68:9
MODBUS_CFG	69	N	Global	No	150	150	N69:149
MODBUS_DAT	70	N	Global	No	250	250	N70:249
PID_FLOW	77	N	Global	No	100	100	N77:99
PID_BACKPR	78	N	Global	No	30	30	N78:29
PID_BIN_1	88	B	Global	No	10	10	B88:9
	100	B	Global	No	2	2	B100:1
	101	N	Global	No	5	5	N101:4
	103	B	Global	No	32	32	B103:31
BINARY_2	111	N	Global	No	60	60	N111:59
	115	B	Global	No	73	73	B115:72
	116	B	Global	No	6	6	B116:5
	117	N	Global	No	108	108	N117:107
BATCH_CURR_32_TO_16	118	N	Global	No	31	31	N118:30
	121	B	Global	No	2	2	B121:1
	122	N	Global	No	5	5	N122:4
	123	B	Global	No	11	11	B123:10
DH_TMR	124	T	Global	No	12	4	T124:3
DH_CTR	125	C	Global	No	15	5	C125:4
DH_CTRL	130	N	Global	No	56	56	N130:55
MISC_BITS	133	B	Global	No	11	11	B133:10
BATCH_CURR	140	N	Global	No	31	31	N140:30

Data File List

Name	Number	Type	Scope	Debug	Words	Elements	Last
BAT_PR_RD	141	N	Global	No	31	31	N141:30
BATCH_PREV	142	N	Global	No	31	31	N142:30
BATCH_PREV	143	N	Global	No	31	31	N143:30
BATCH_PREV	144	N	Global	No	31	31	N144:30
BATCH_PREV	145	N	Global	No	31	31	N145:30
BATCH_PREV	146	N	Global	No	31	31	N146:30
BATCH_PREV	147	N	Global	No	31	31	N147:30
BATCH_PREV	148	N	Global	No	31	31	N148:30
	211	N	Global	No	60	60	N211:59
FALLOS	212	B	Global	No	10	10	B212:9
PT_131	248	N	Global	No	14	14	N248:13
MSG TO MB2	249	N	Global	No	14	14	N249:13
MSG TO MB3	250	N	Global	No	14	14	N250:13
MSG TO MB4	251	N	Global	No	14	14	N251:13
PID	252	N	Global	No	23	23	N252:22
	254	N	Global	No	23	23	N254:22
PRUEBA	255	N	Global	No	10	10	N255:9

0000	<div>JSR Jump To Subroutine SBR File Number U:6</div>
0001	<div>JSR Jump To Subroutine SBR File Number U:3</div>
0002	<div>JSR Jump To Subroutine SBR File Number U:4</div>
0003	<div>JSR Jump To Subroutine SBR File Number U:5</div>
0004	<div>JSR Jump To Subroutine SBR File Number U:7</div>
0005	<div>JSR Jump To Subroutine SBR File Number U:8</div>
0006	<div>JSR Jump To Subroutine SBR File Number U:9</div>
0007	<div>JSR Jump To Subroutine SBR File Number U:10</div>
0008	<div>JSR Jump To Subroutine SBR File Number U:11</div>
0009	<div>SETEO DE FLUJO JSR Jump To Subroutine SBR File Number U:13</div>
0010	<div>BACKPRESSURE LOOP JSR Jump To Subroutine SBR File Number U:14</div>
0011	<div>FLOW LOOP JSR Jump To Subroutine SBR File Number U:15</div>
0012	<div>SELECCION PRODUCTO JSR Jump To Subroutine SBR File Number U:115</div>



CONFIGURACION DEL 1746-NI16I

COP	
Copy File	
Source	#N10:0
Dest	#O:3.0
Length	16

LECTURA DE SEÑALES ANALOGICAS Y ESCALAMIENTO A UNIDADES DE INGENIERIA

Presión Tanque
Salchicha

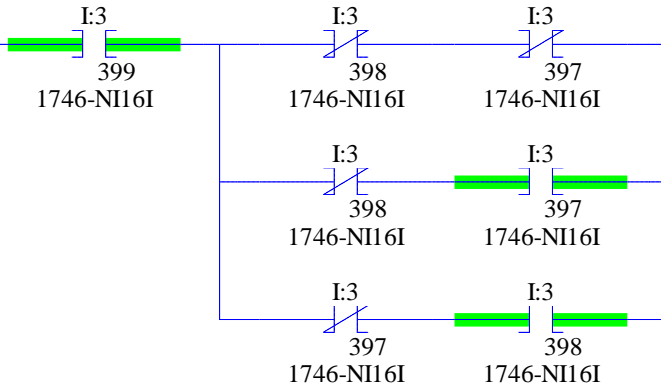
SCP	
Scale w/Parameters	
Input	I:3.8 4001<
Input Min.	4003 4003<
Input Max.	20004 20004<
Scaled Min.	N20:0 0<
Scaled Max.	N21:0 500<
Output	N35:43 0<

BITS DE FALLA 1

PT_340_F

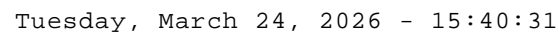
B115:12

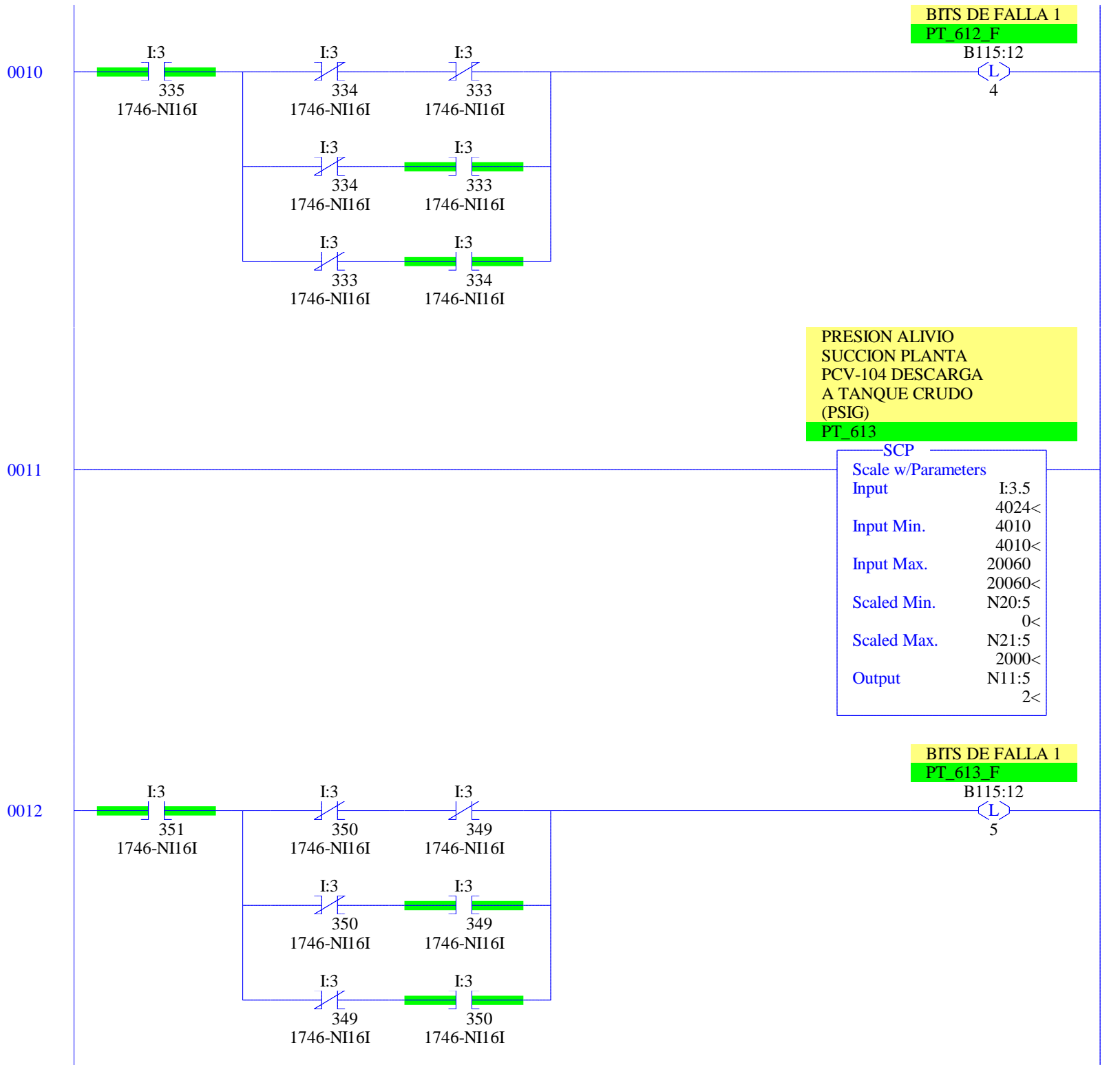
15



PRESION
SUCCIÓN
planta
PT_131

SCP	
Scale w/Parameters	
Input	I:3.1 5882<
Input Min.	4004 4004<
Input Max.	20025 20025<
Scaled Min.	N20:1 0<
Scaled Max.	N21:1 2000<
Output	N7:7 234<





0013

P53_PRESION

SCP

Scale w/Parameters

Input	I:3.6
	8430<
Input Min.	4462
	4462<
Input Max.	20368
	20368<
Scaled Min.	725
	725<
Scaled Max.	11603
	11603<
Output	N11:6
	3484<

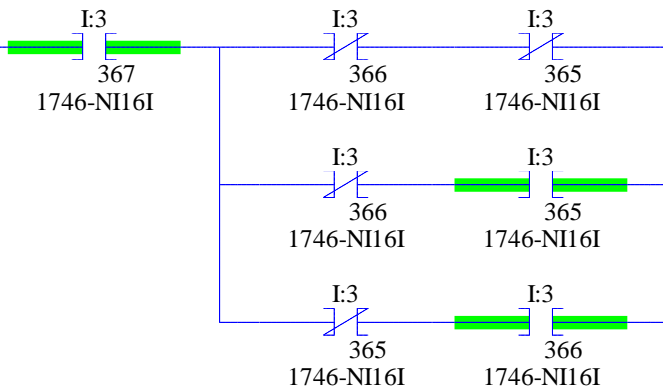
0014

BITS DE FALLA 1

P53_PRESION_F

B115:12

6



0015

P53_TEMPERATURA

SCP

Scale w/Parameters

Input	I:3.7
	9981<
Input Min.	4038
	4038<
Input Max.	20019
	20019<
Scaled Min.	32
	32<
Scaled Max.	212
	212<
Output	N11:7
	99<

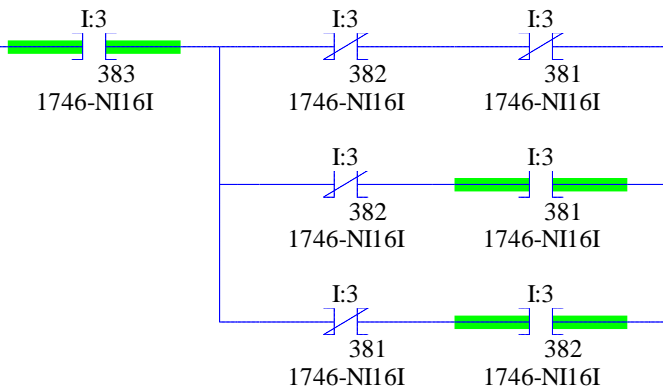
0016

BITS DE FALLA 1

P53_TEMPERATURA_F

B115:12

7



0017

NIVEL TANQUE CRUDO
(PIES)
(ALTURA MAX. 24 FT)
LT_503

SCP

Scale w/Parameters

Input	I:3.13
	5525<
Input Min.	N9:24
	4585<
Input Max.	N9:23
	20540<
Scaled Min.	N20:9
	58<
Scaled Max.	N21:9
	2300<
Output	N11:9
	190<

0018

Pa borrar

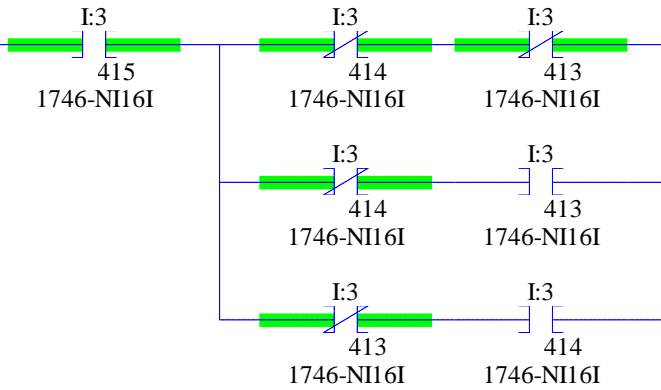
B3:99

BITS DE FALLA 1

LT_503_F

B115:12

9



0019

Sensor Nivel Pozo
Slop

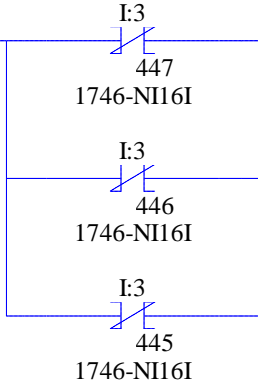
NIVEL_SLOP

SCP

Scale w/Parameters

Input	I:3.11
	9908<
Input Min.	4004
	4004<
Input Max.	20002
	20002<
Scaled Min.	N20:11
	0<
Scaled Max.	N21:11
	1000<
Output	N11:11
	369<

0020



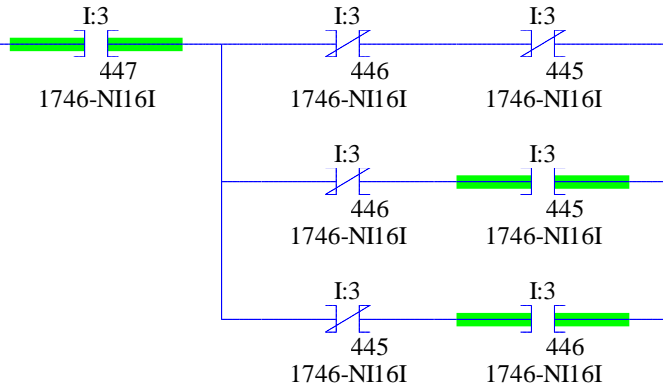
Sensor Nivel Pozo
Slop

NIVEL_SLOP

MOV

Move	
Source	0
	0<
Dest	N11:11
	369<

0021



BITS DE FALLA 1

B115:12



Densitometro ABB para prueba de lazo

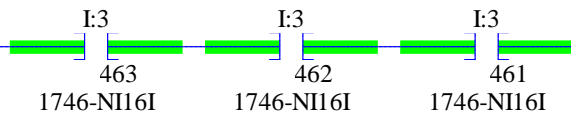
ABB

0022

SCP

Scale w/Parameters	
Input	I:3.12
	15471<
Input Min.	3630
	3630<
Input Max.	20000
	20000<
Scaled Min.	1000
	1000<
Scaled Max.	9600
	9600<
Output	N11:10
	7221<

0023

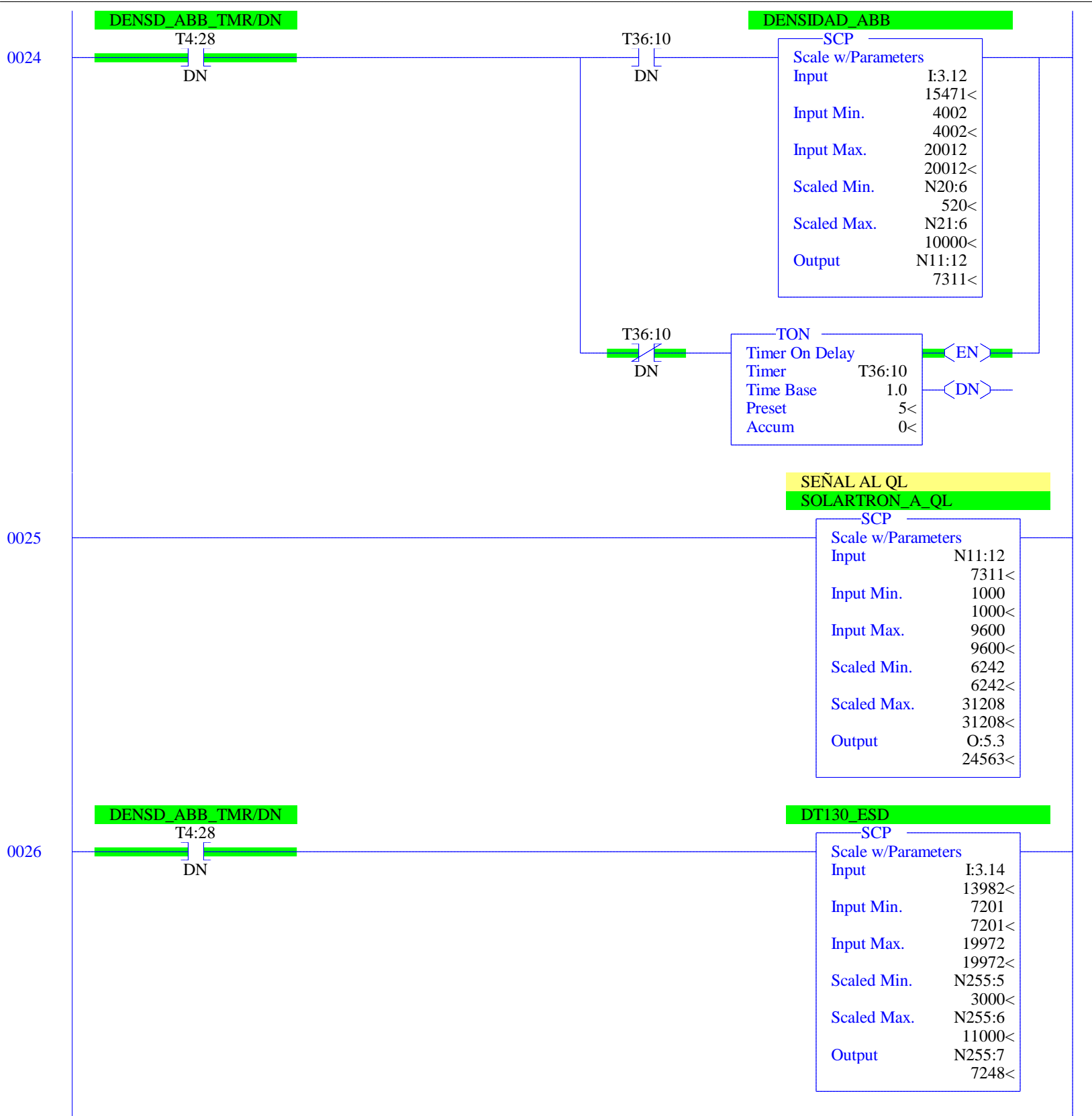


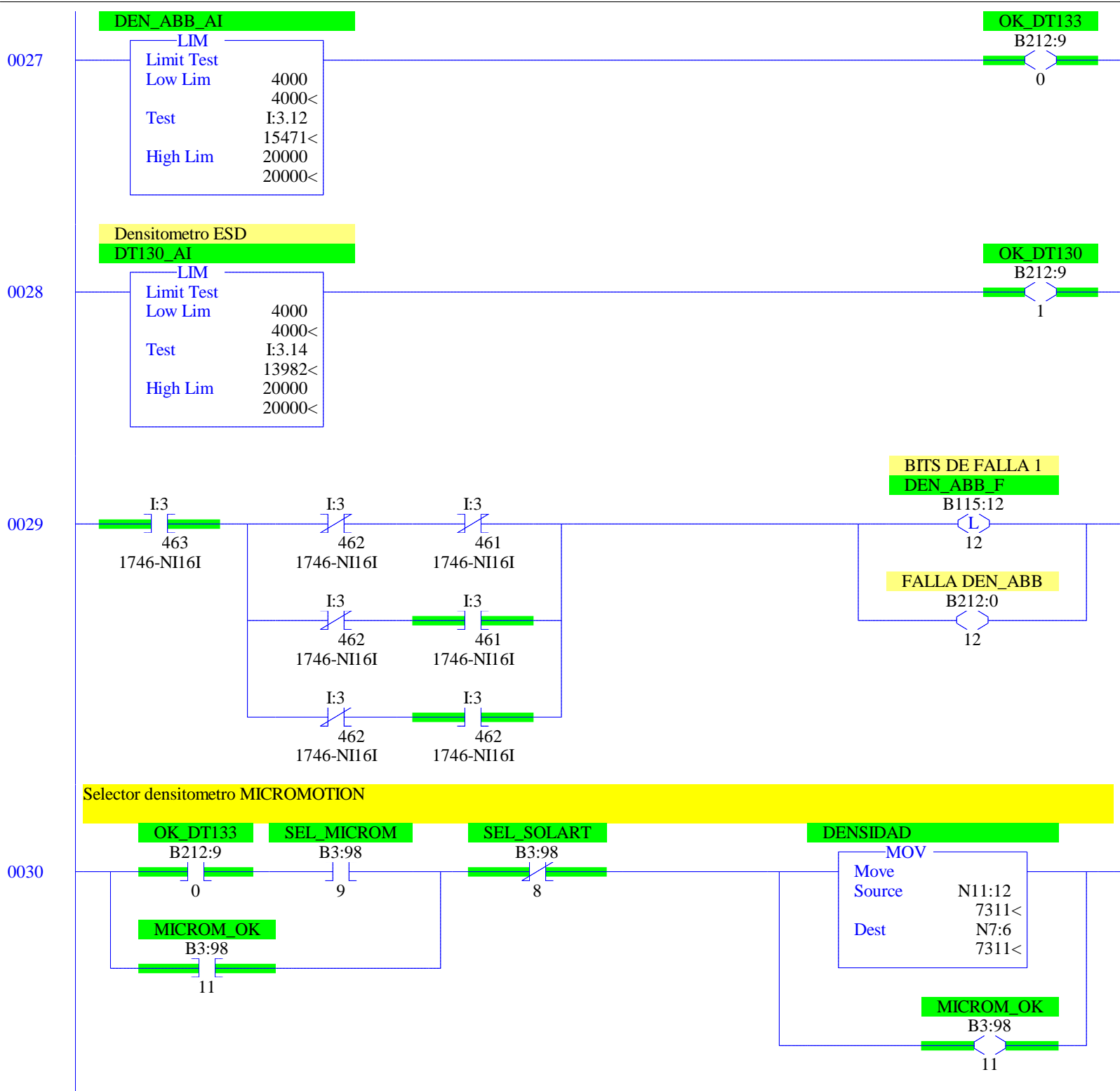
DENSD_ABB_TMR

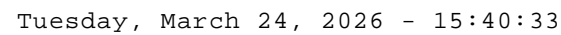
TON

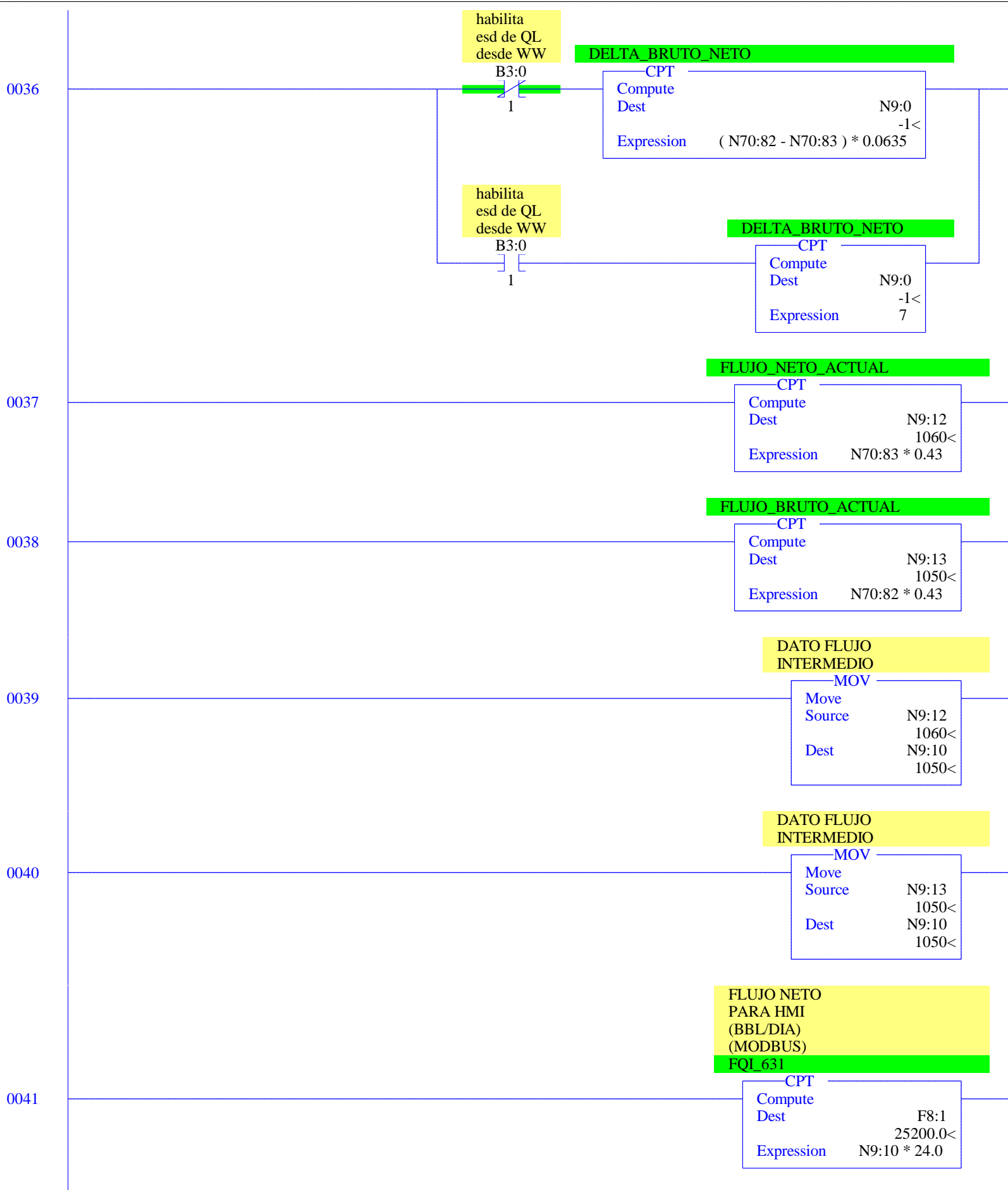
Timer On Delay	
Timer	T4:28
Time Base	1.0
Preset	20<
Accum	20<

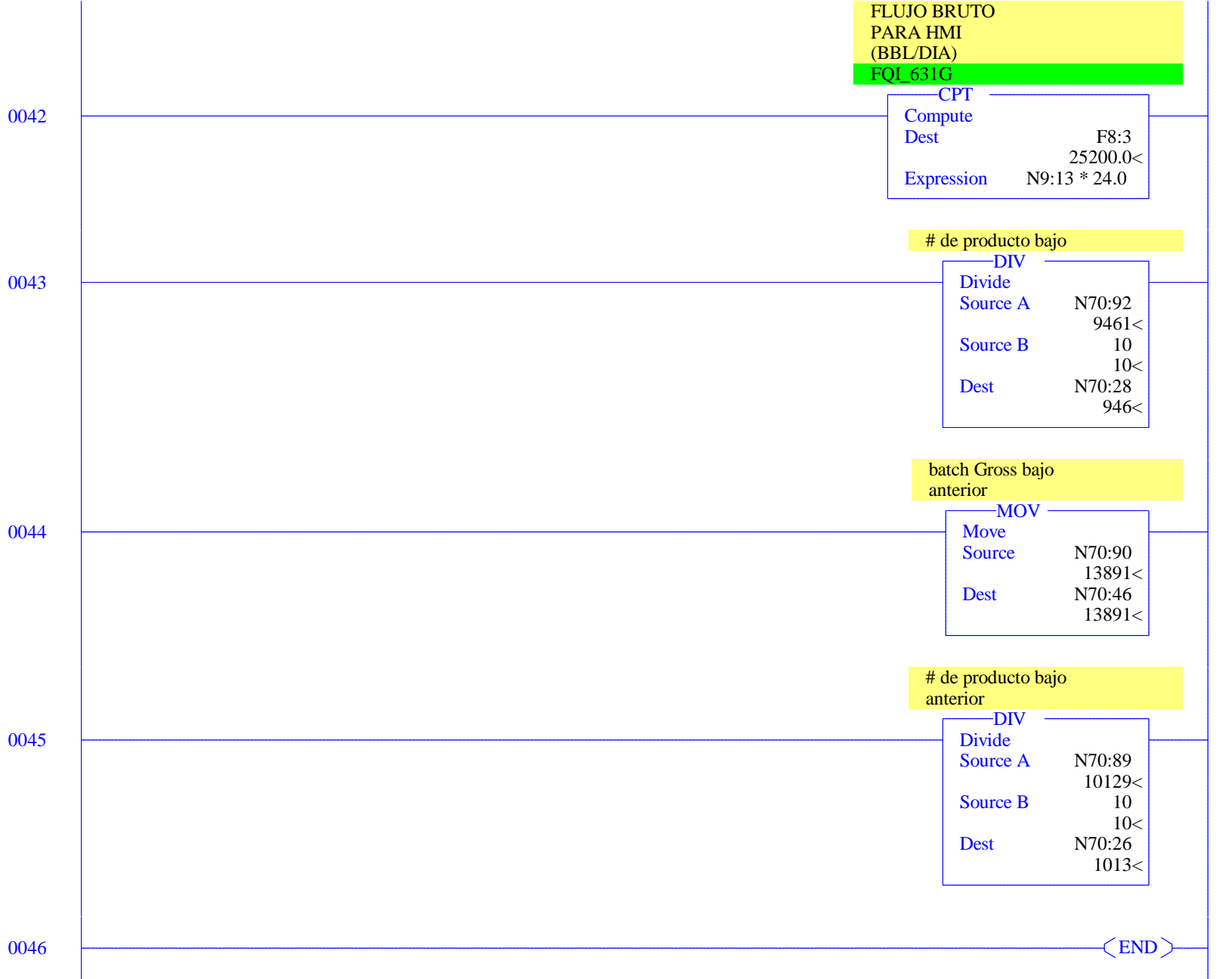


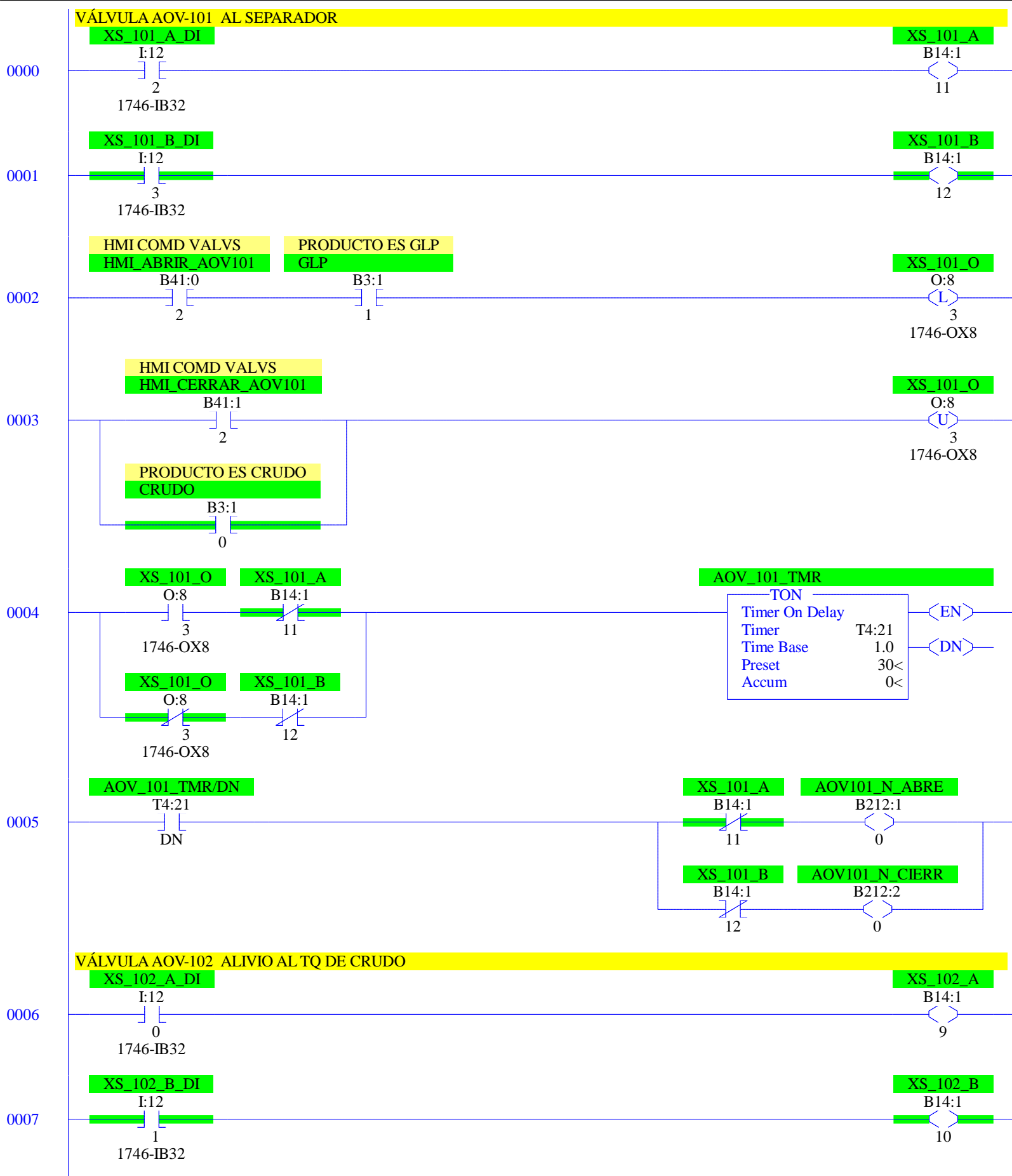


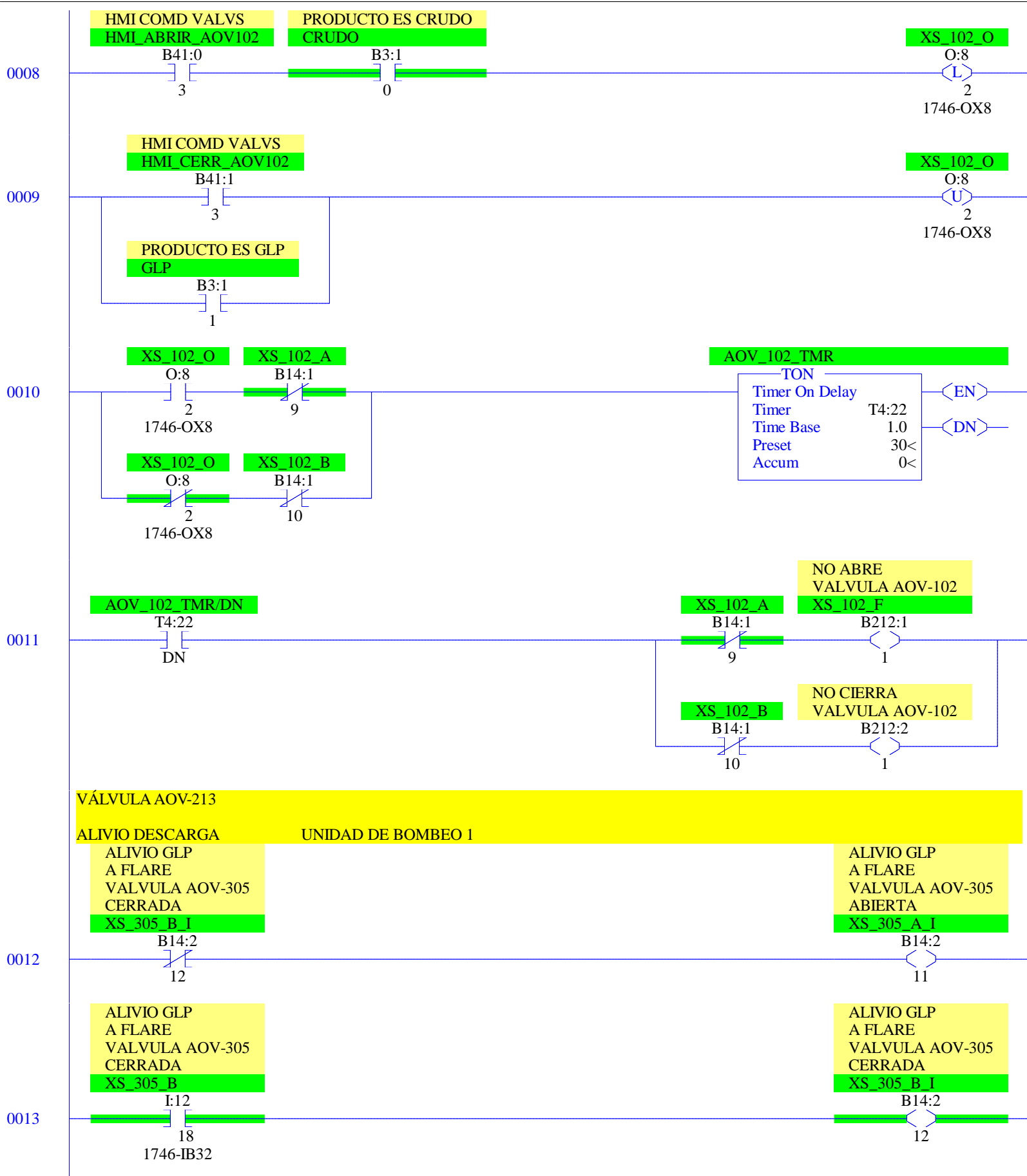


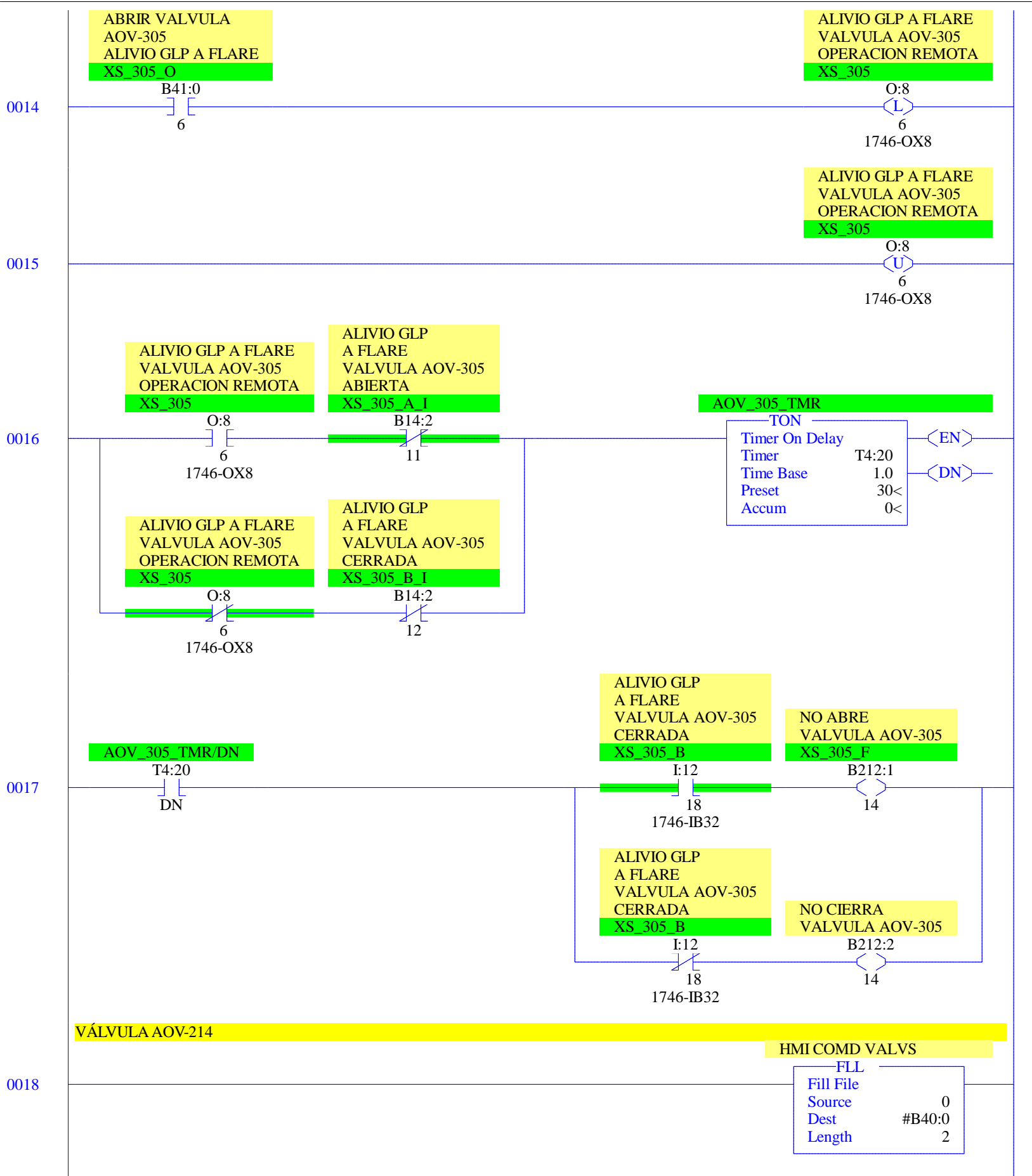


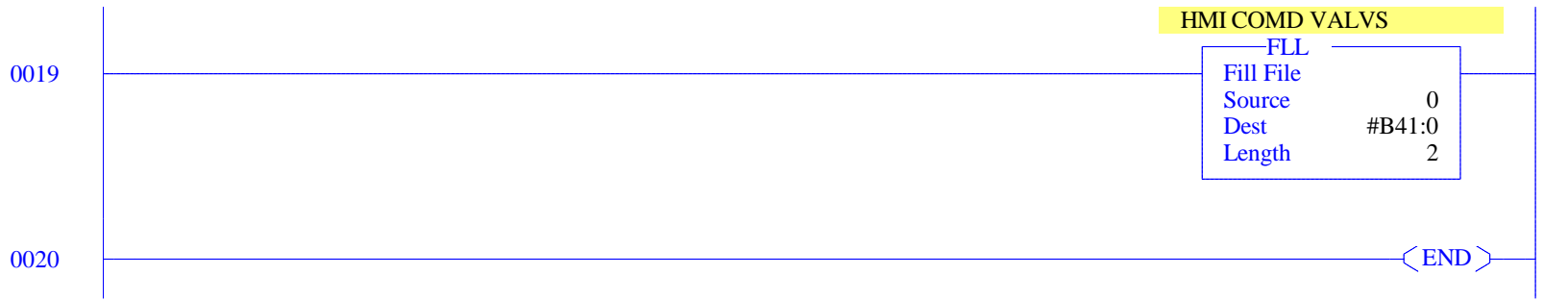


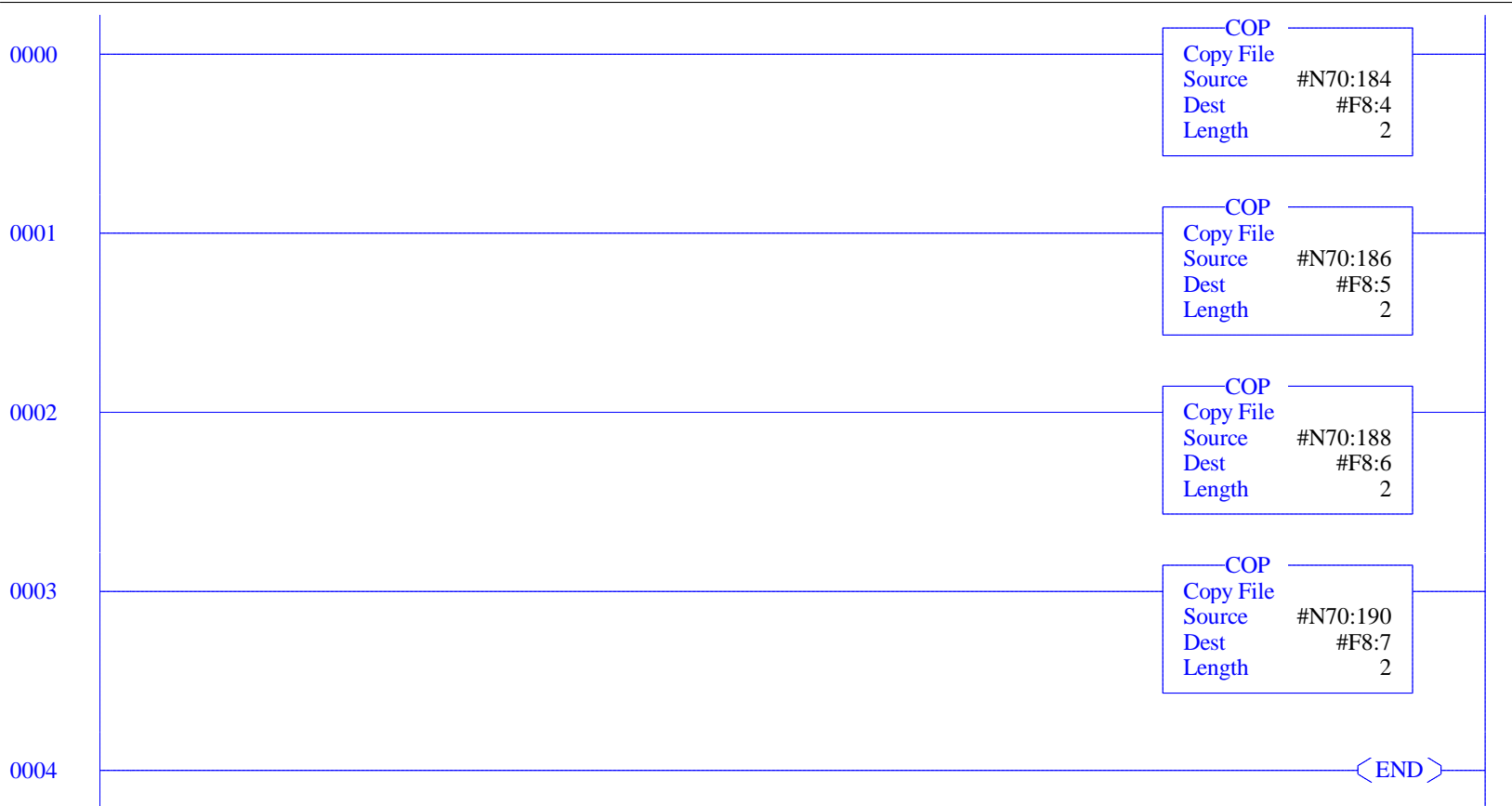








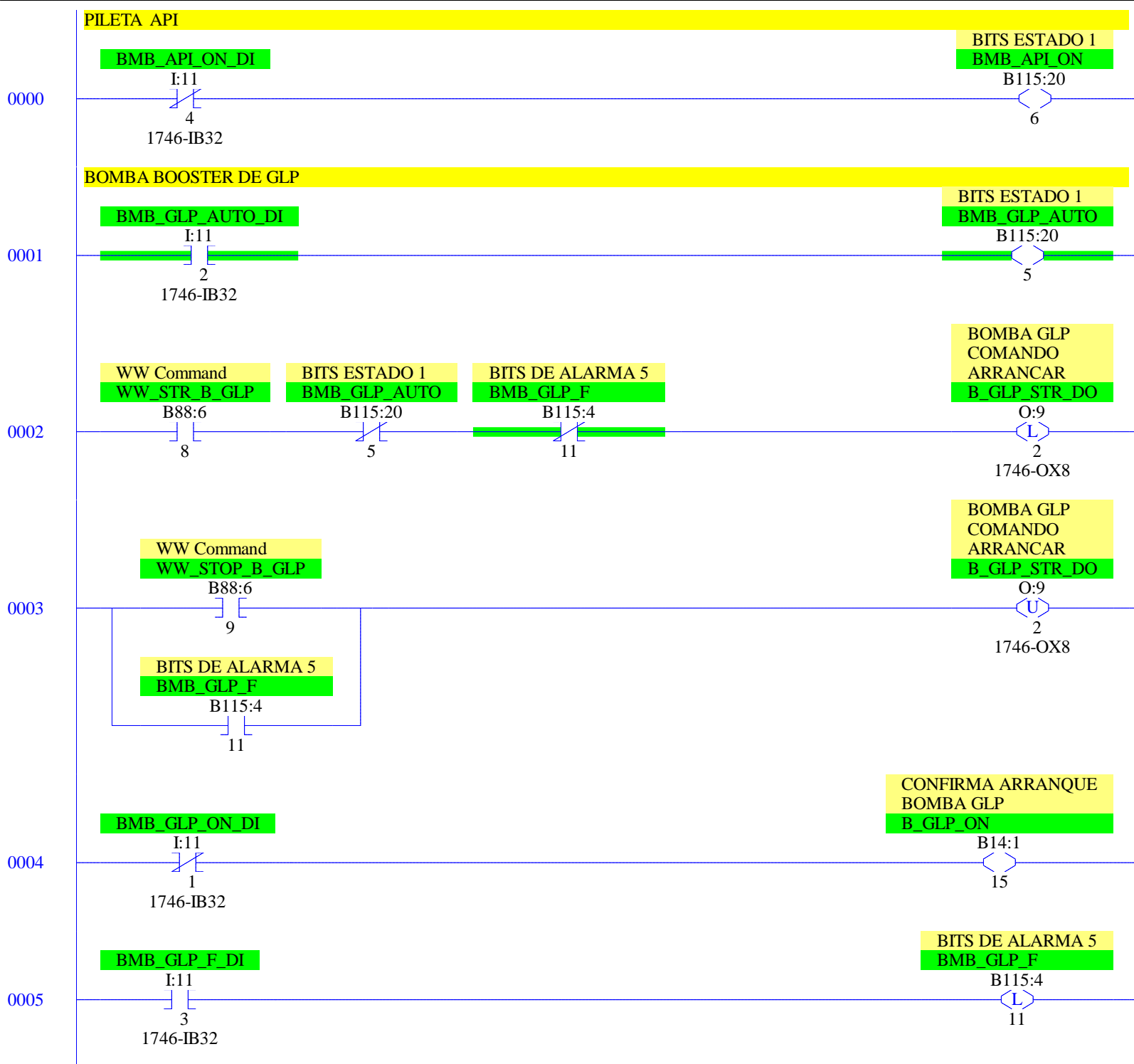


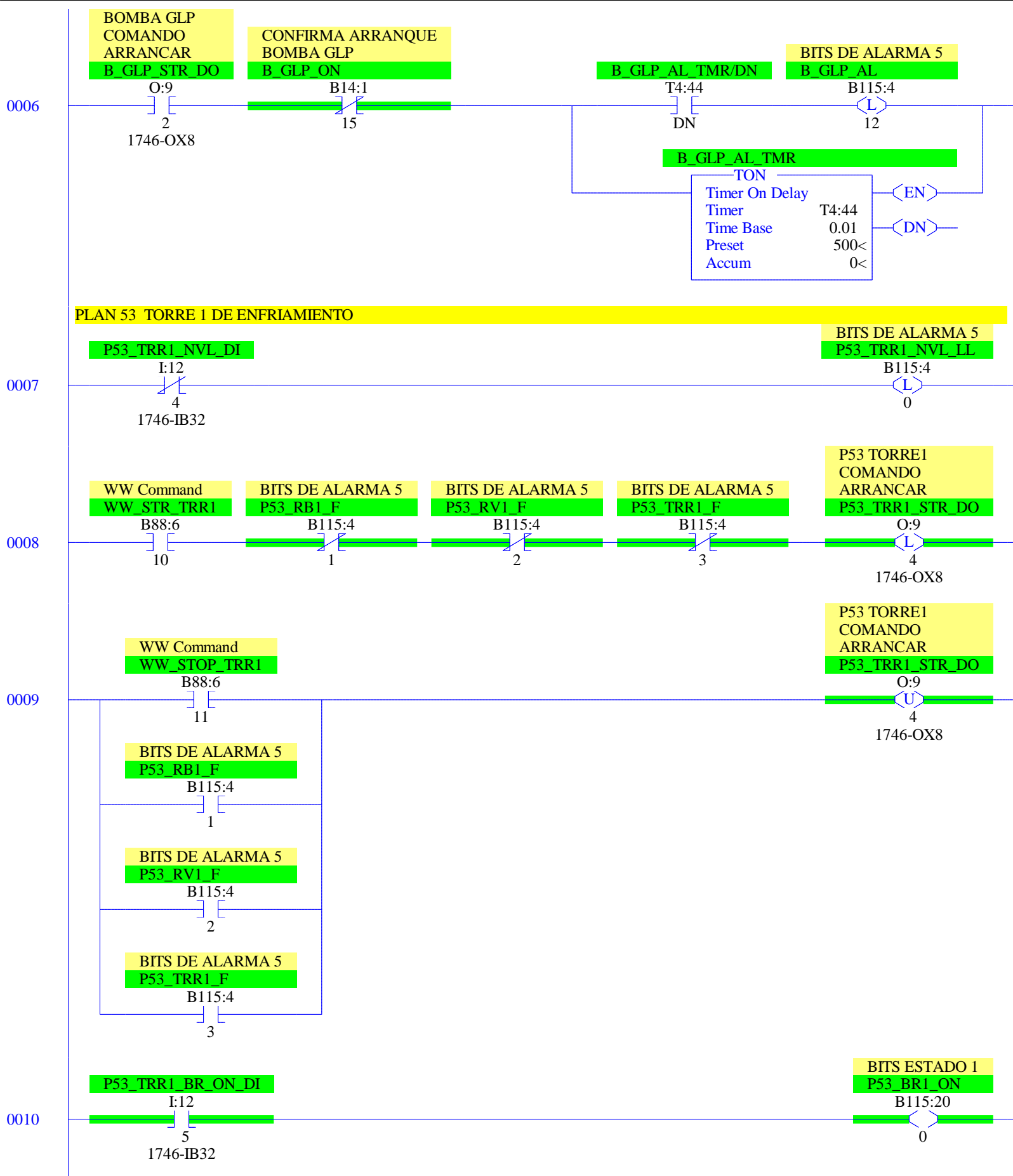


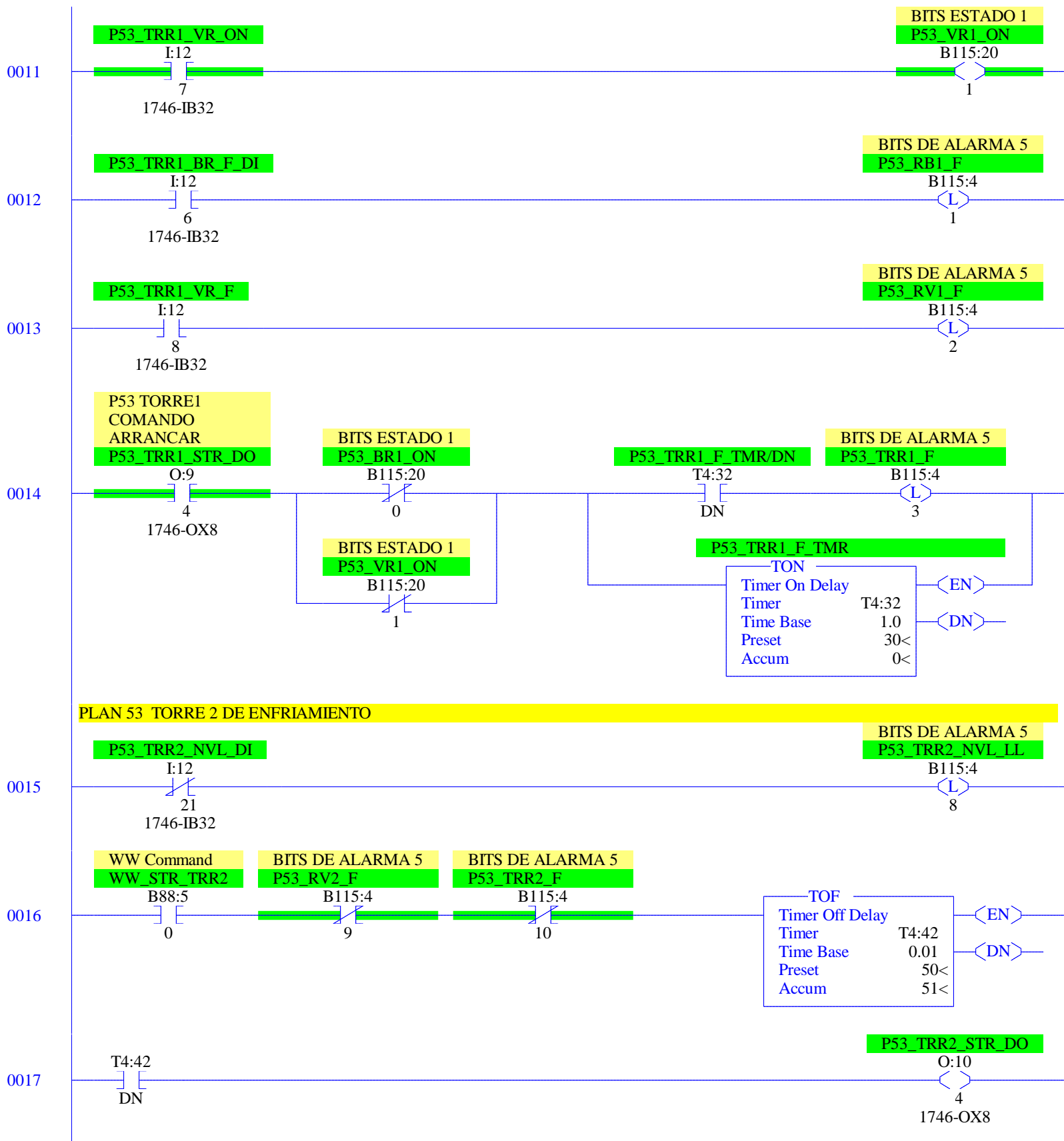
LAD 6 - --- Total Rungs in File = 1

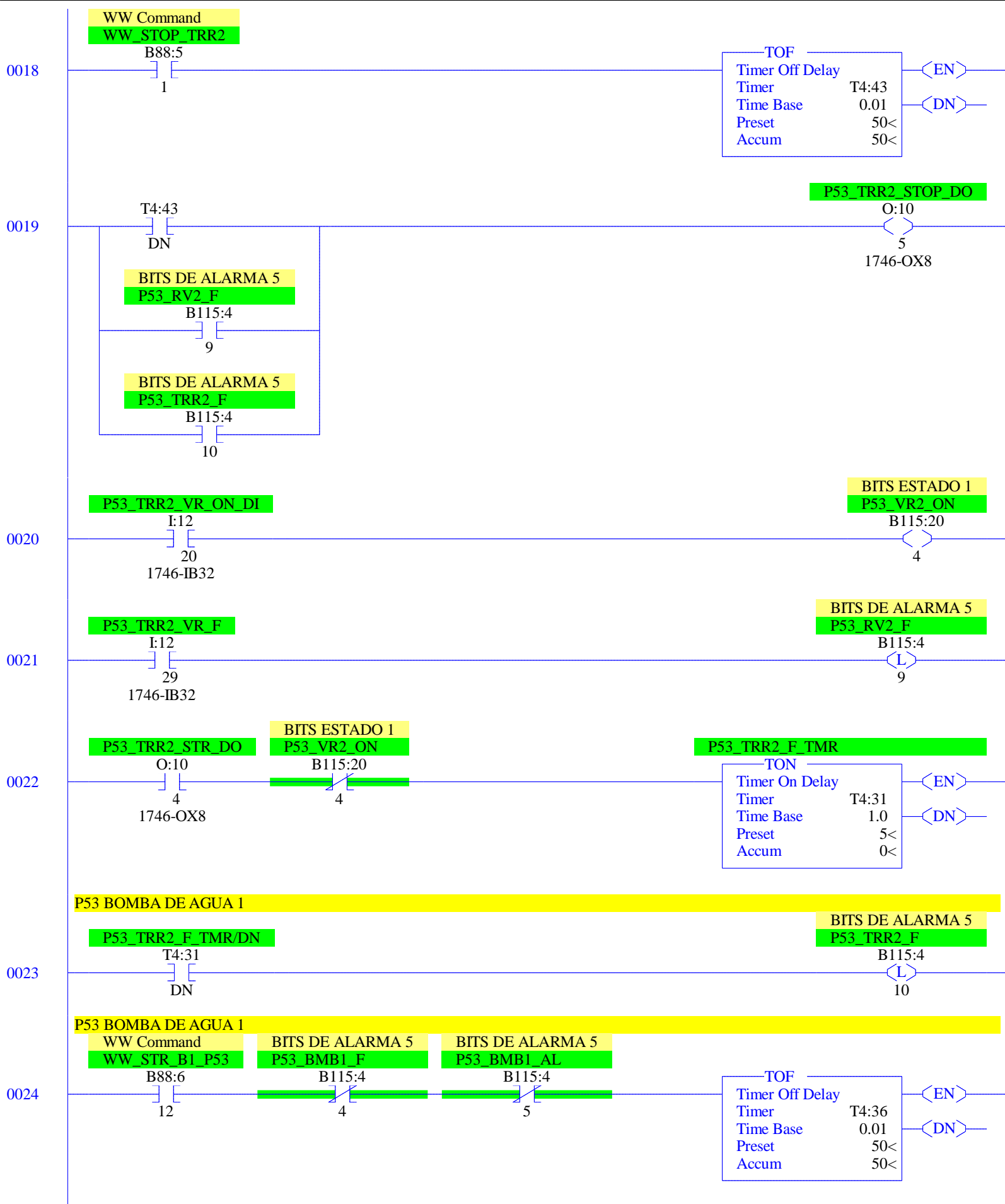
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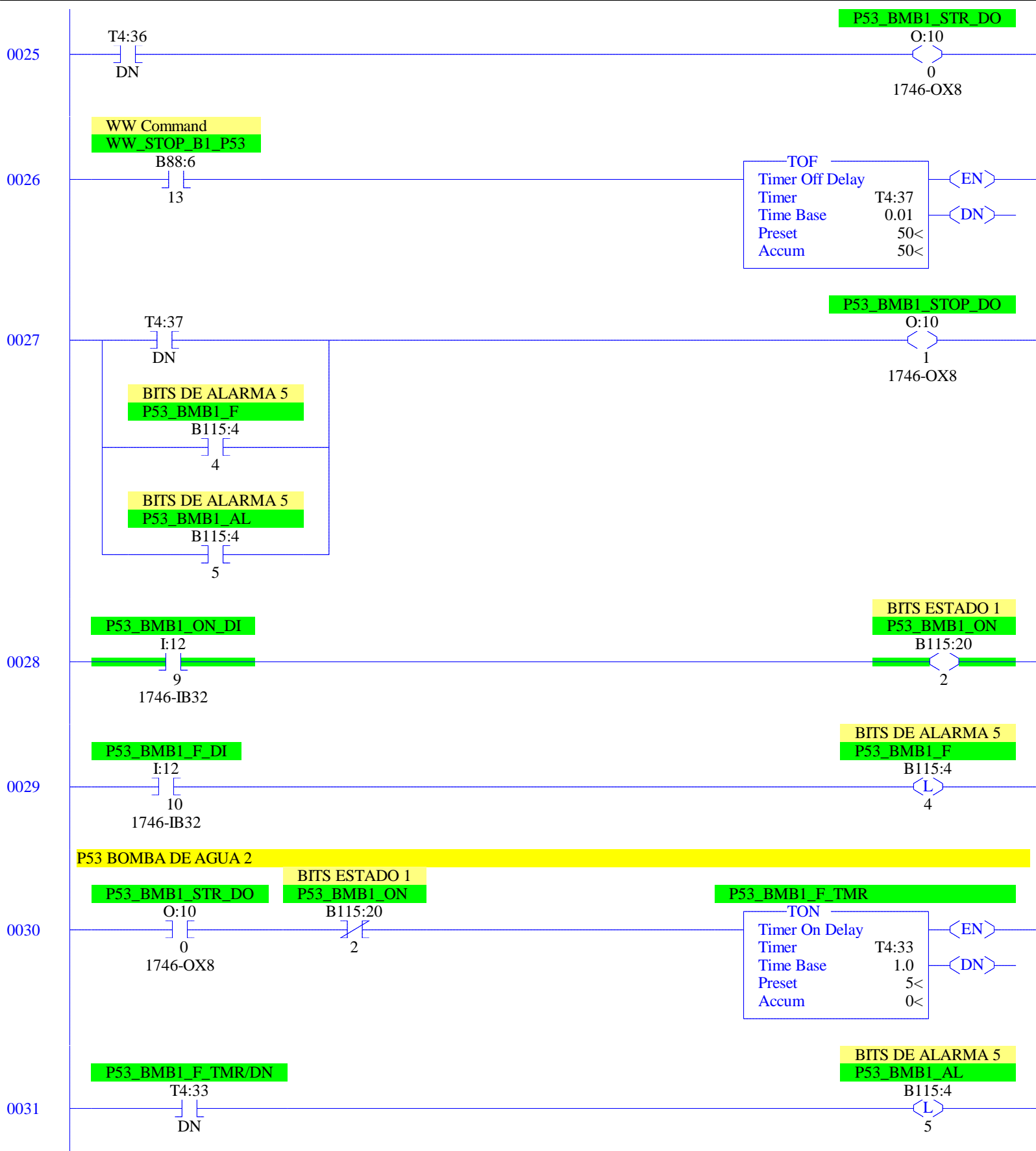
<END>

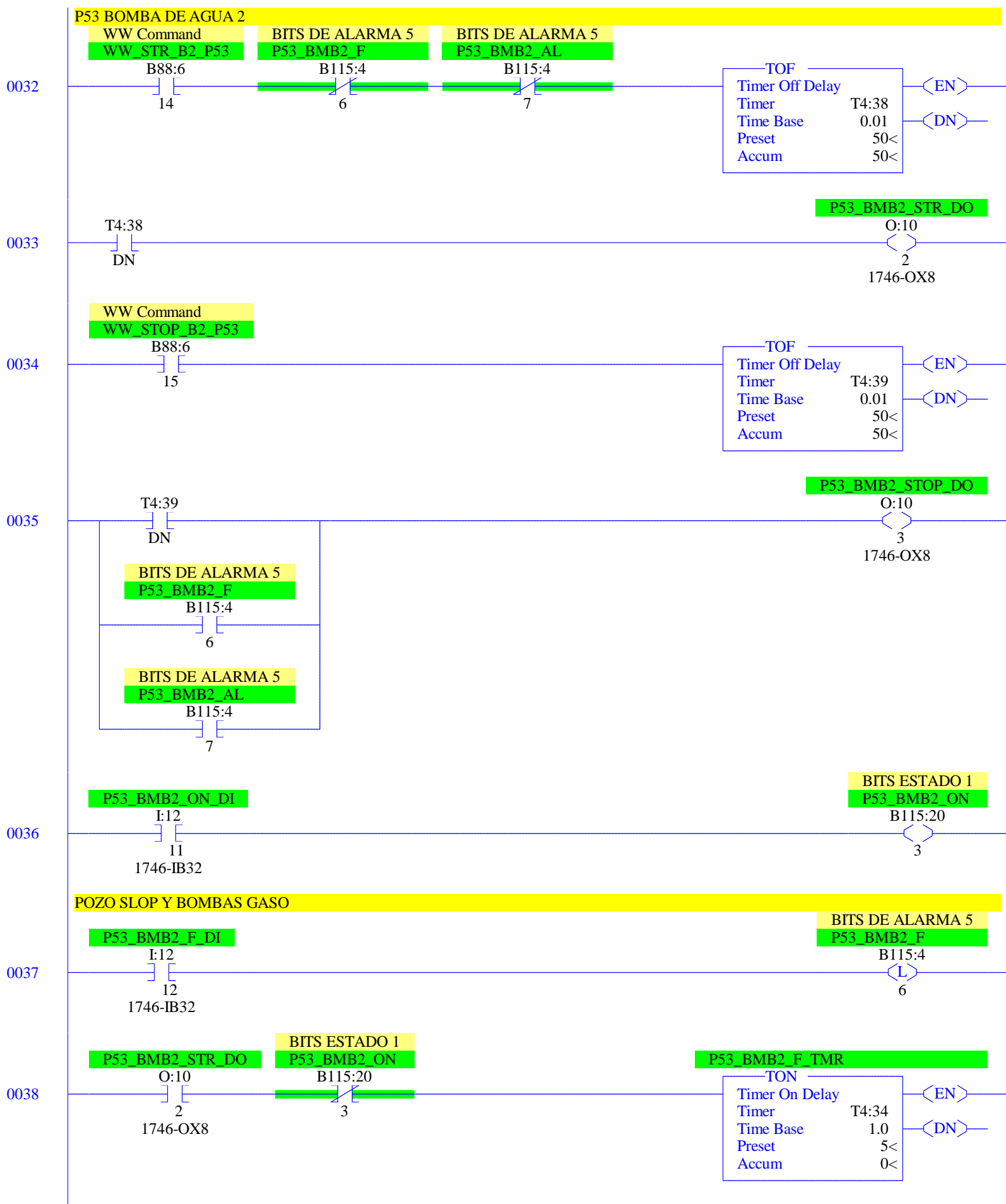


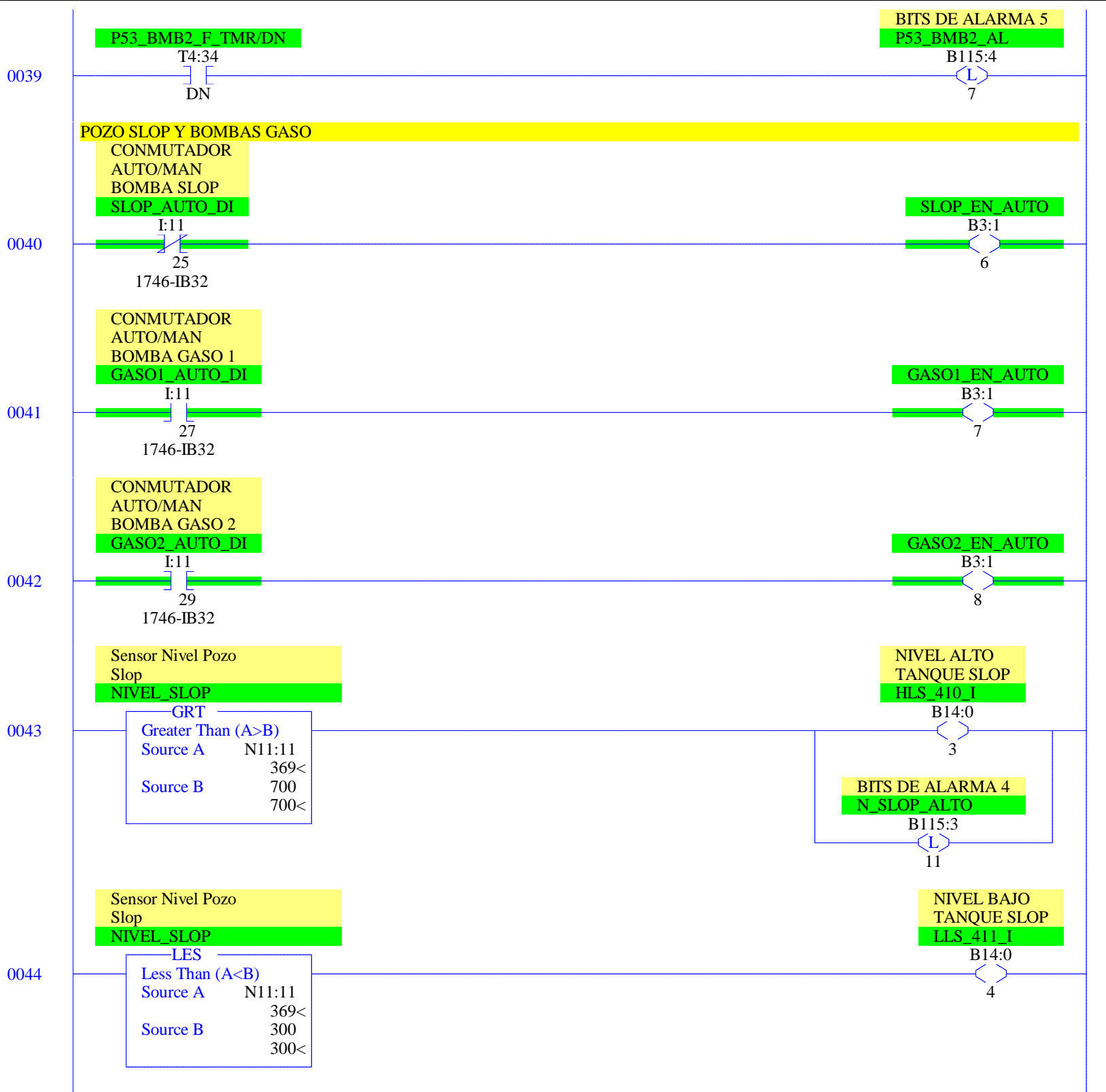


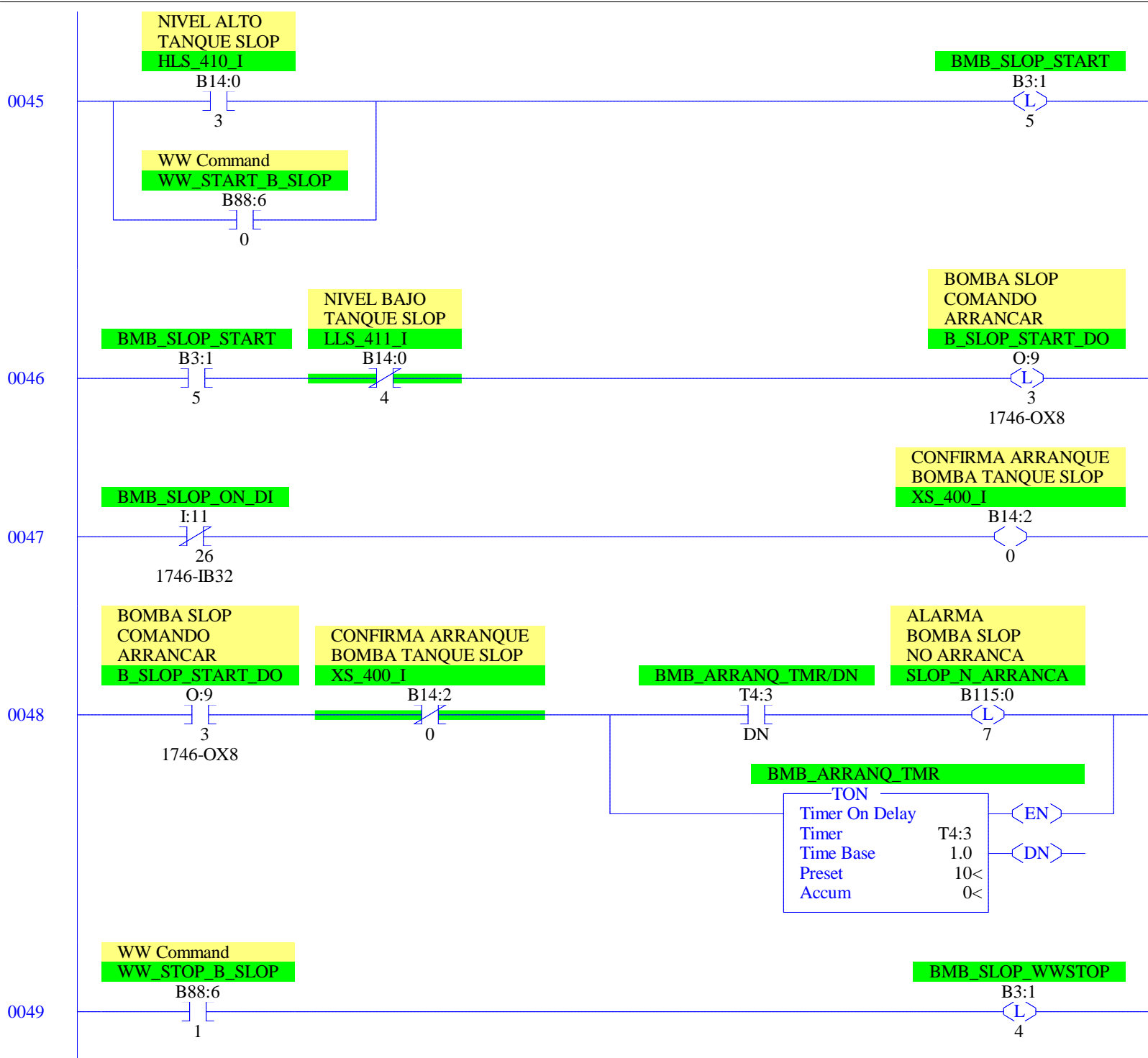


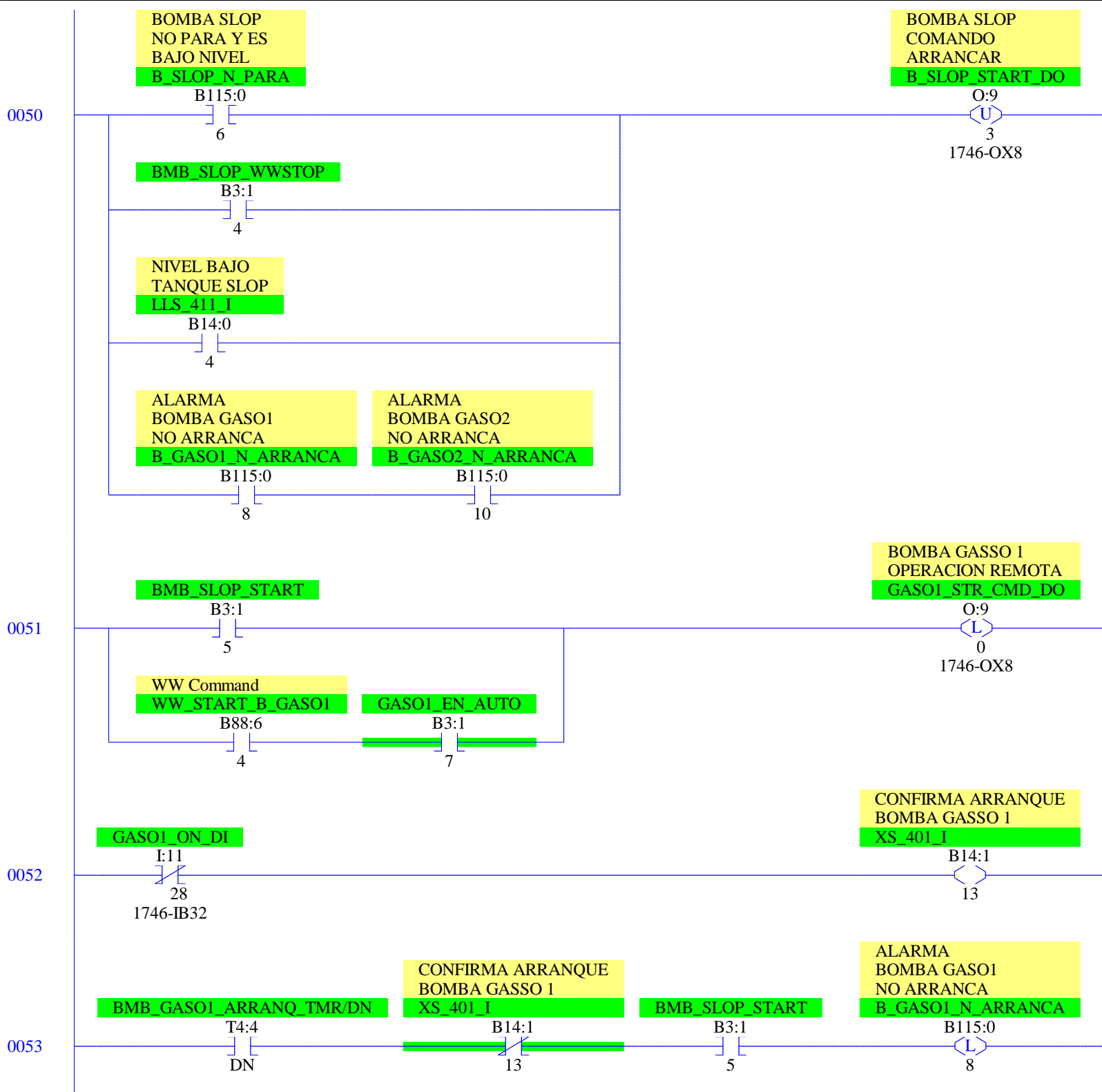


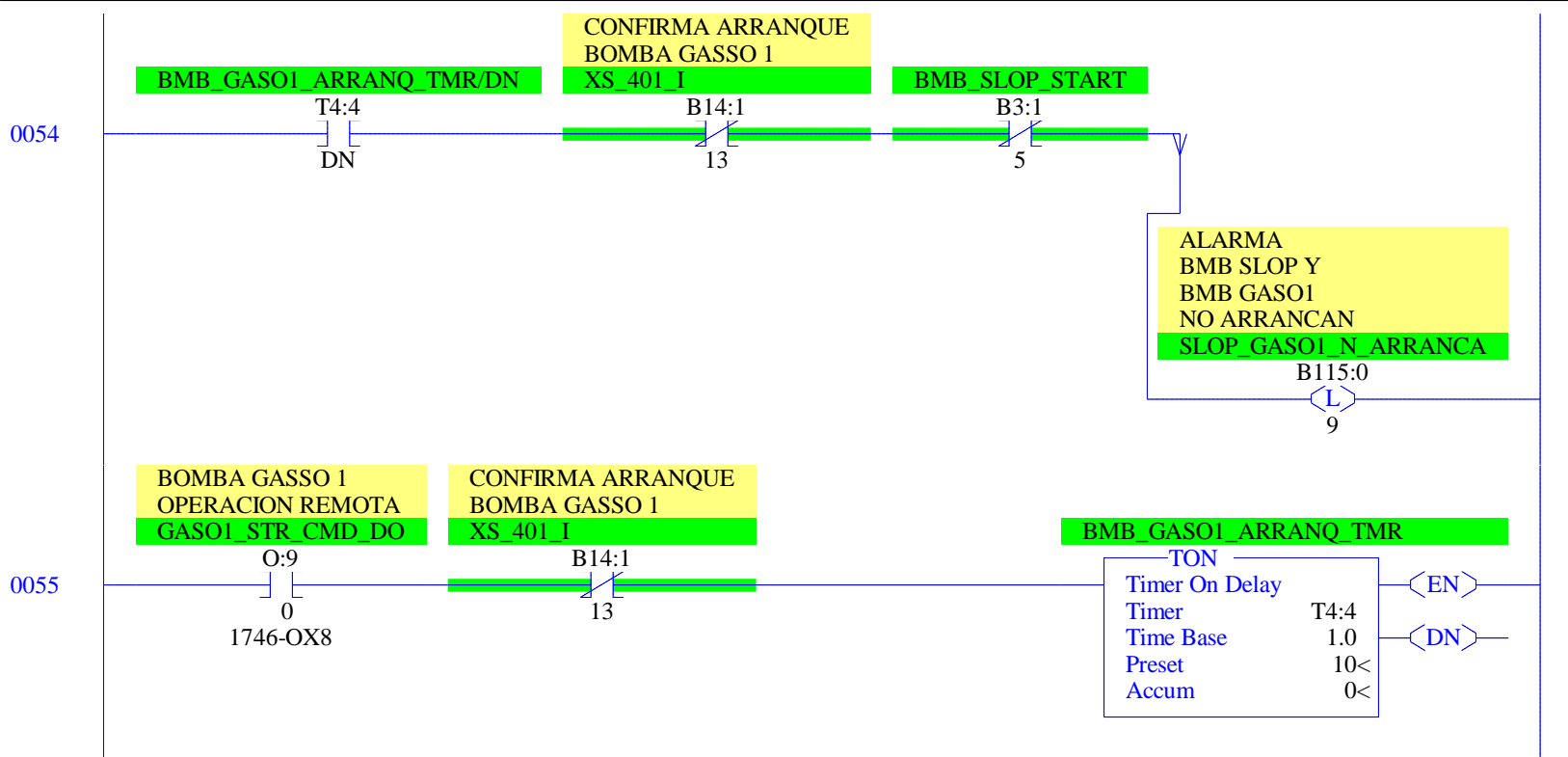












0056

ALARMA
BOMBA GASO1
NO ARRANCA
B_GASO1_N_ARRANCA

B115:0

8

ALARMA
BMB SLOP Y
BMB GASO1
NO ARRANCAN
SLOP_GASO1_N_ARRANCA

B115:0

9

WW Command
WW_STOP_B_GASO1

B88:6

5

BMB_SLOP_START

B3:1

5

BMB_SLOP_START

B3:1

5

CONFIRMA ARRANQUE
BOMBA GASO 2

XS_402_I

B14:1

14

BOMBA SLOP
COMANDO
ARRANCAR

B_SLOP_START_DO

O:9

3

1746-OX8

BMB_SLOP_START

B3:1

5

NIVEL BAJO
TANQUE SLOP

LLS_411_I

B14:0

4

BOMBA GASO 1
OPERACION REMOTA
GASO1_STR_CMD_DO

O:9

0

1746-OX8

BOMBA SLOP
COMANDO
ARRANCAR
B_SLOP_START_DO

O:9

3

1746-OX8

ALARMA
BOMBA GASO1
NO ARRANCA
B_GASO1_N_ARRANCA

B115:0

8

WW Command
WW_START_B_GASO2

B88:6

6

GASO2_EN_AUTO

B3:1

8

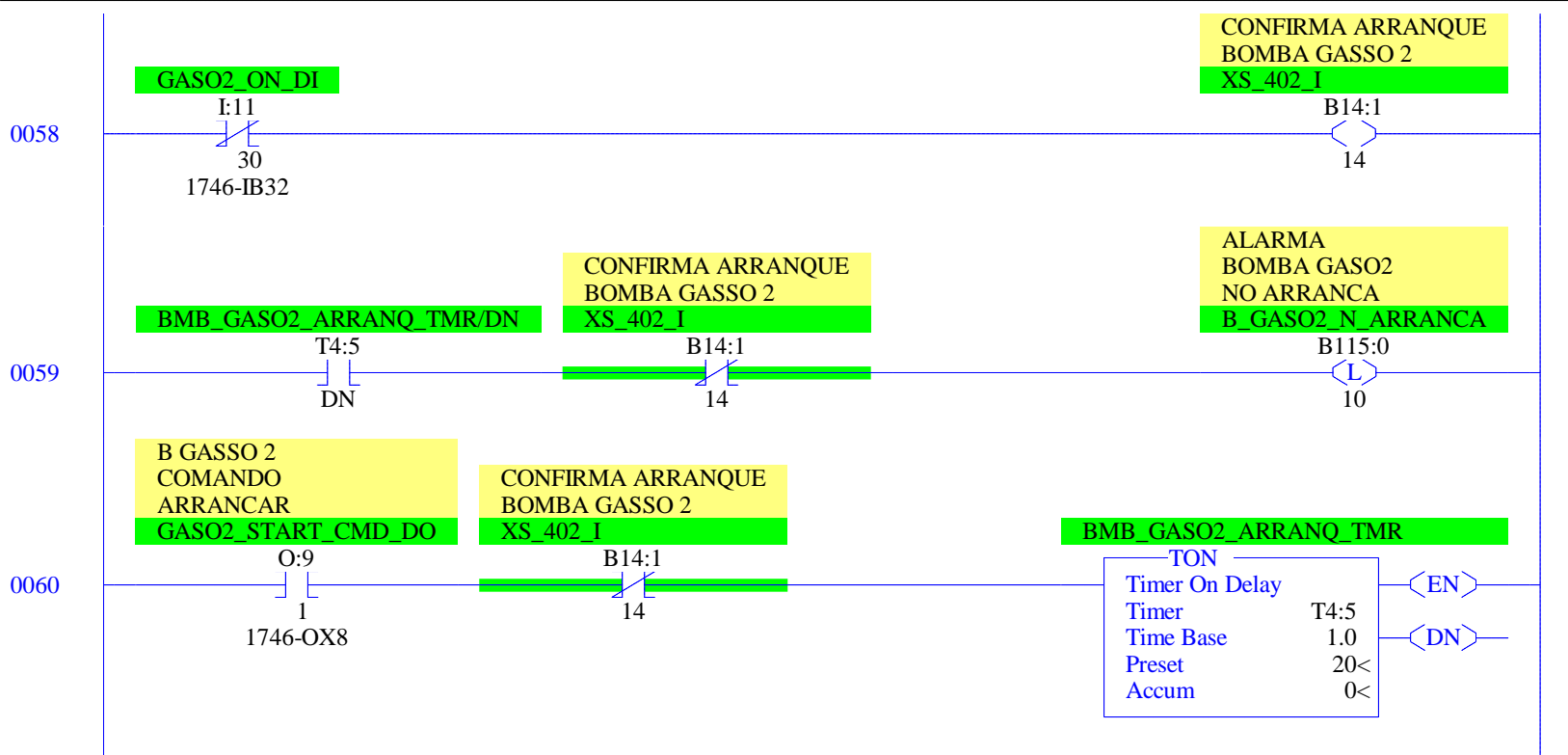
B GASO 2
COMANDO
ARRANCAR
GASO2_START_CMD_DO

O:9

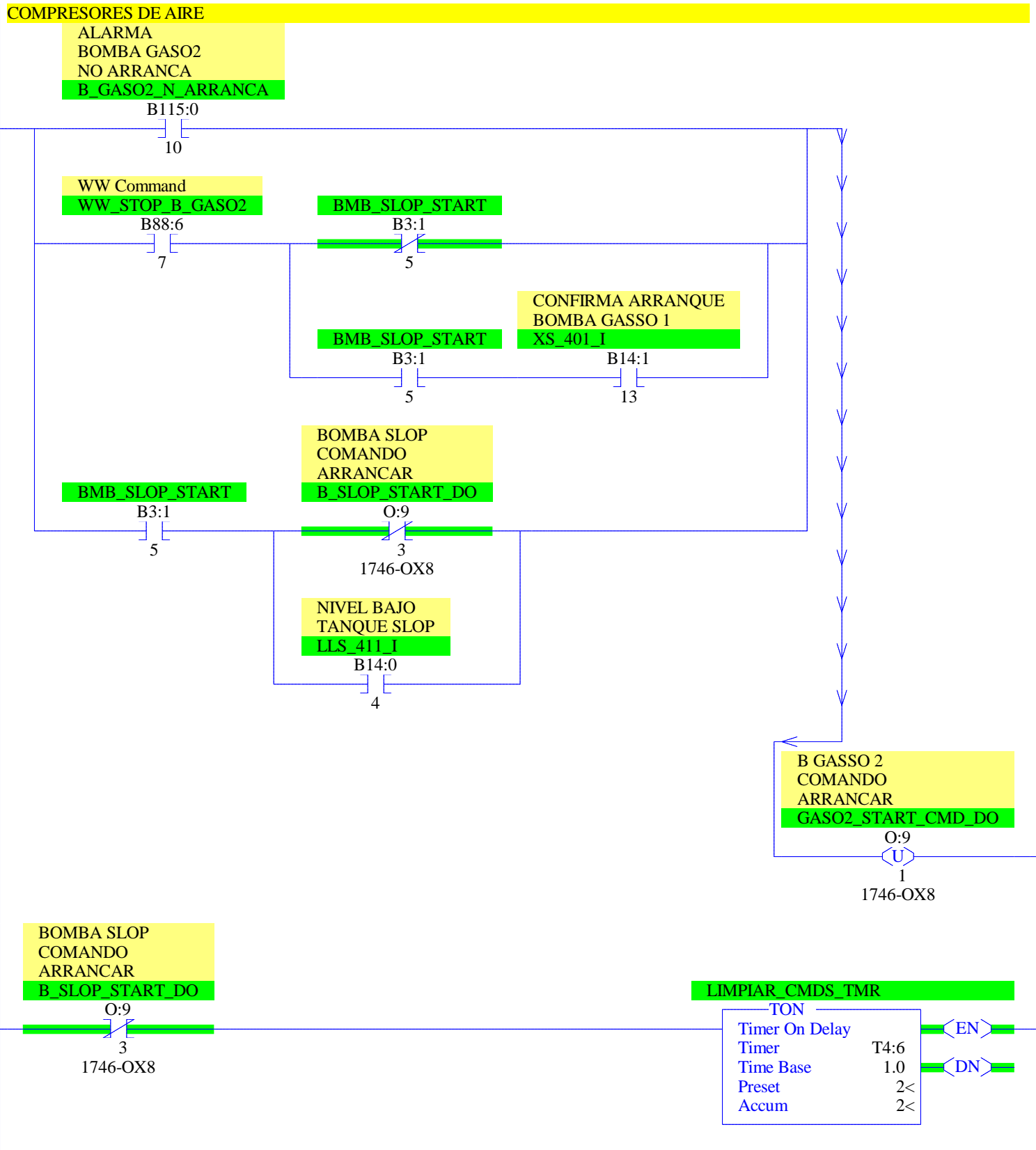
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1746-OX8

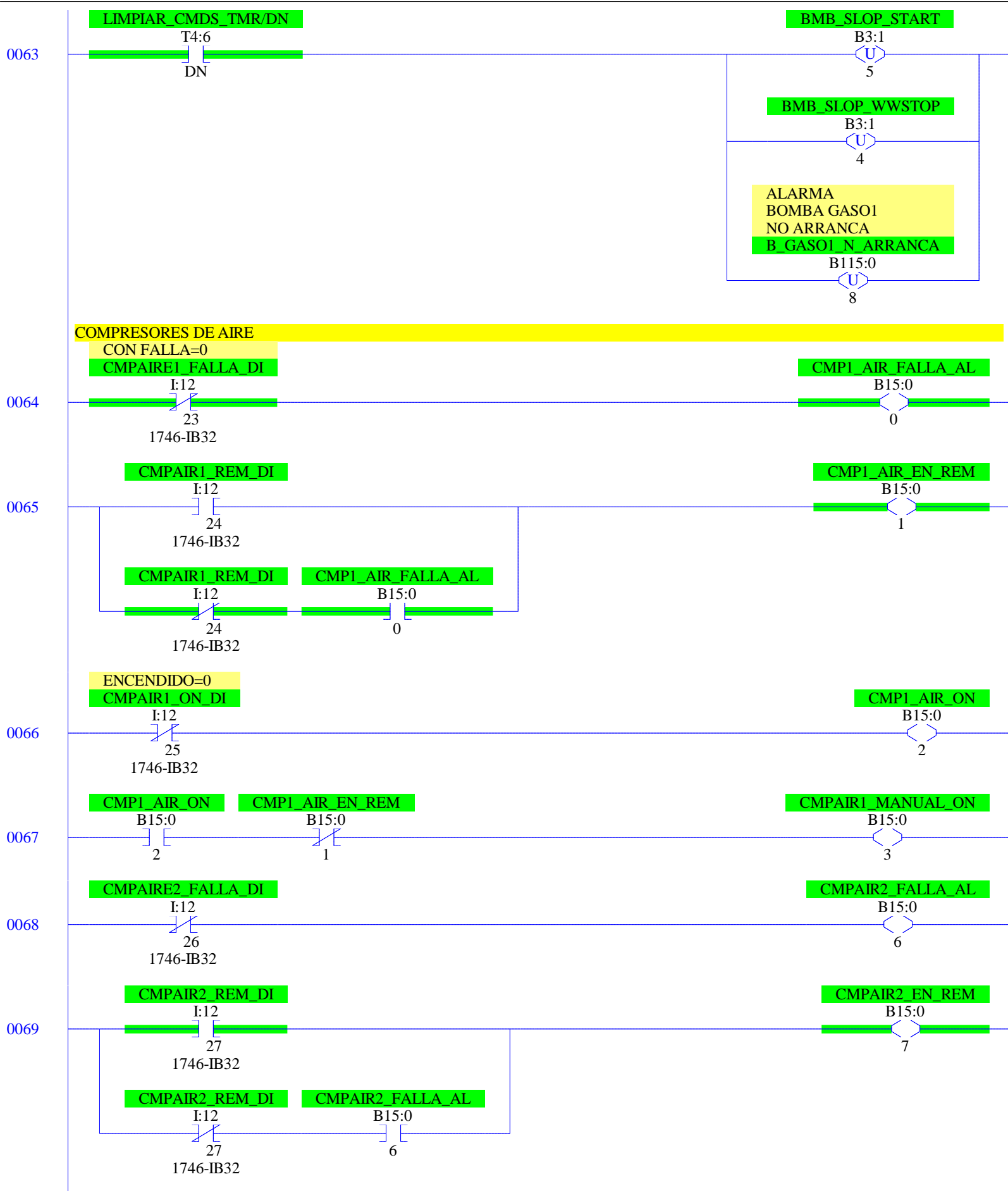
0057

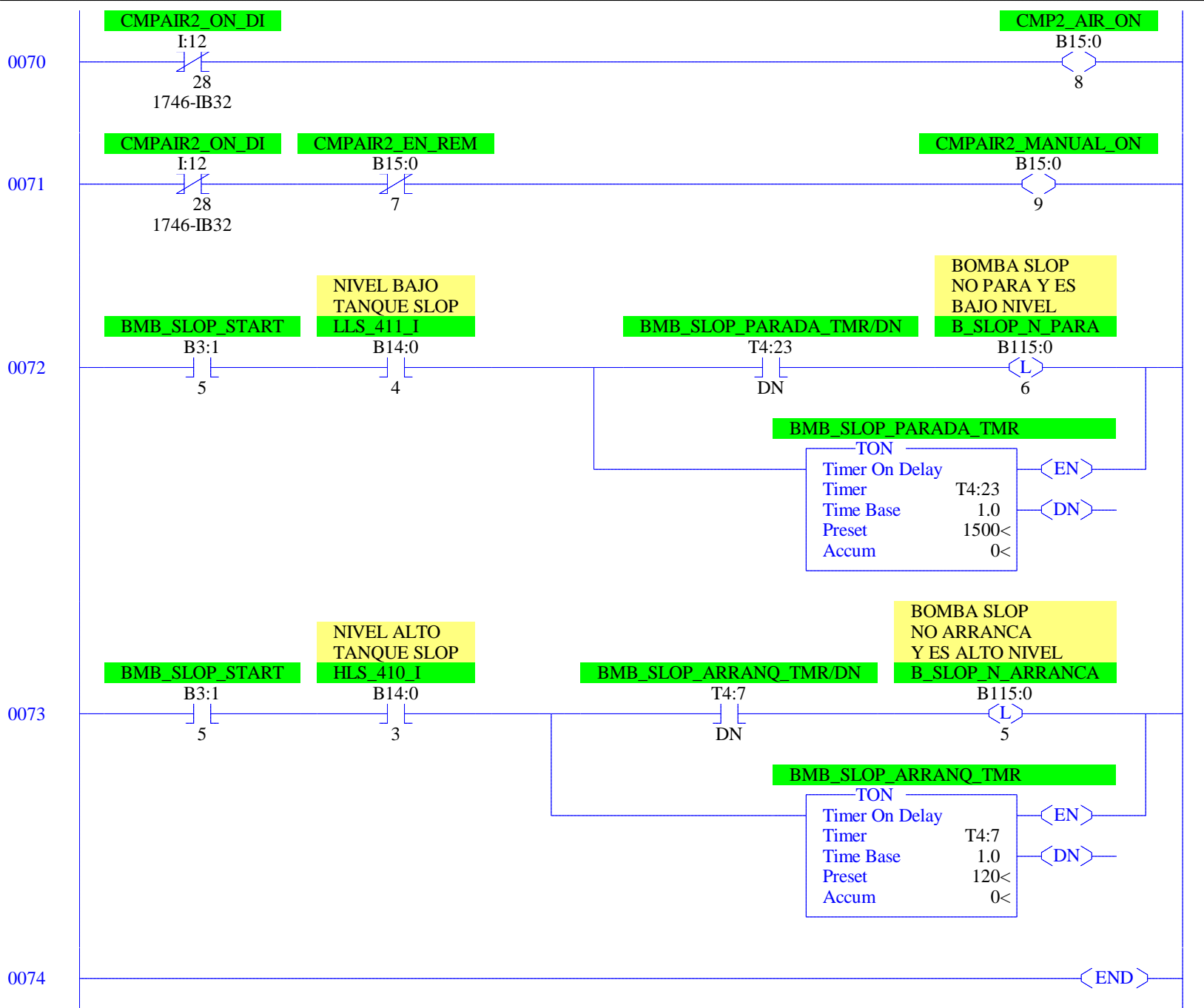


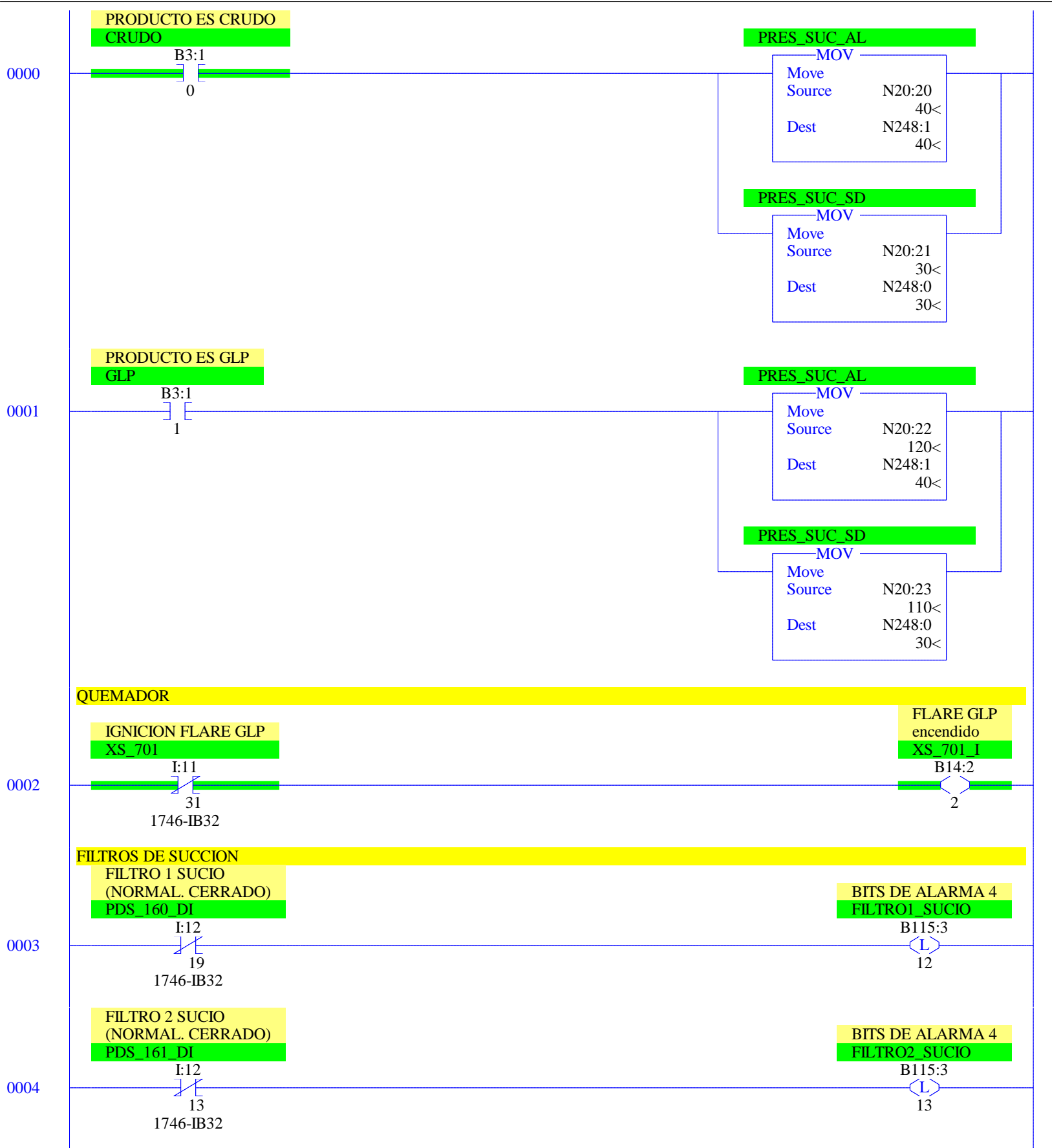
0061

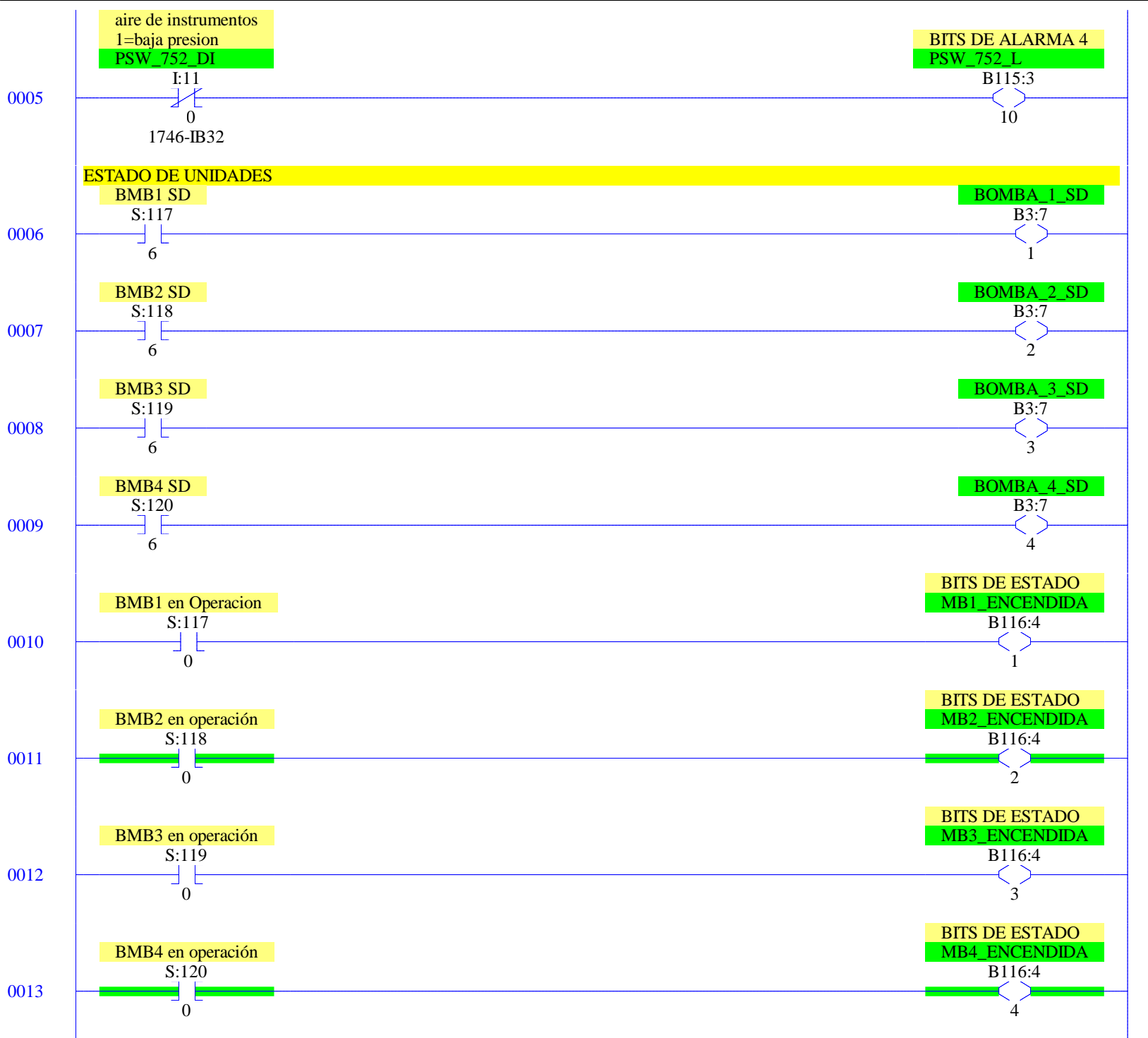


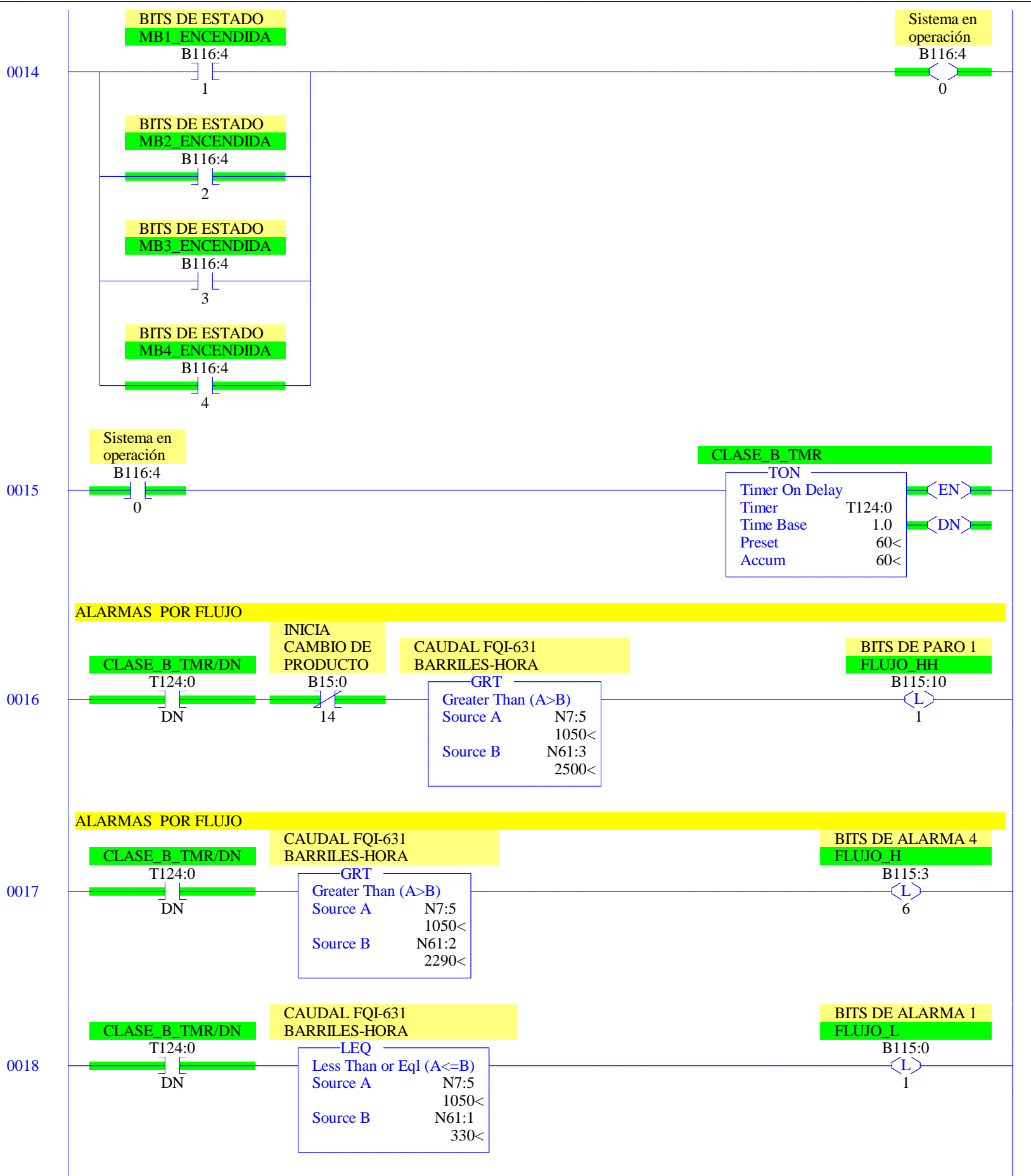
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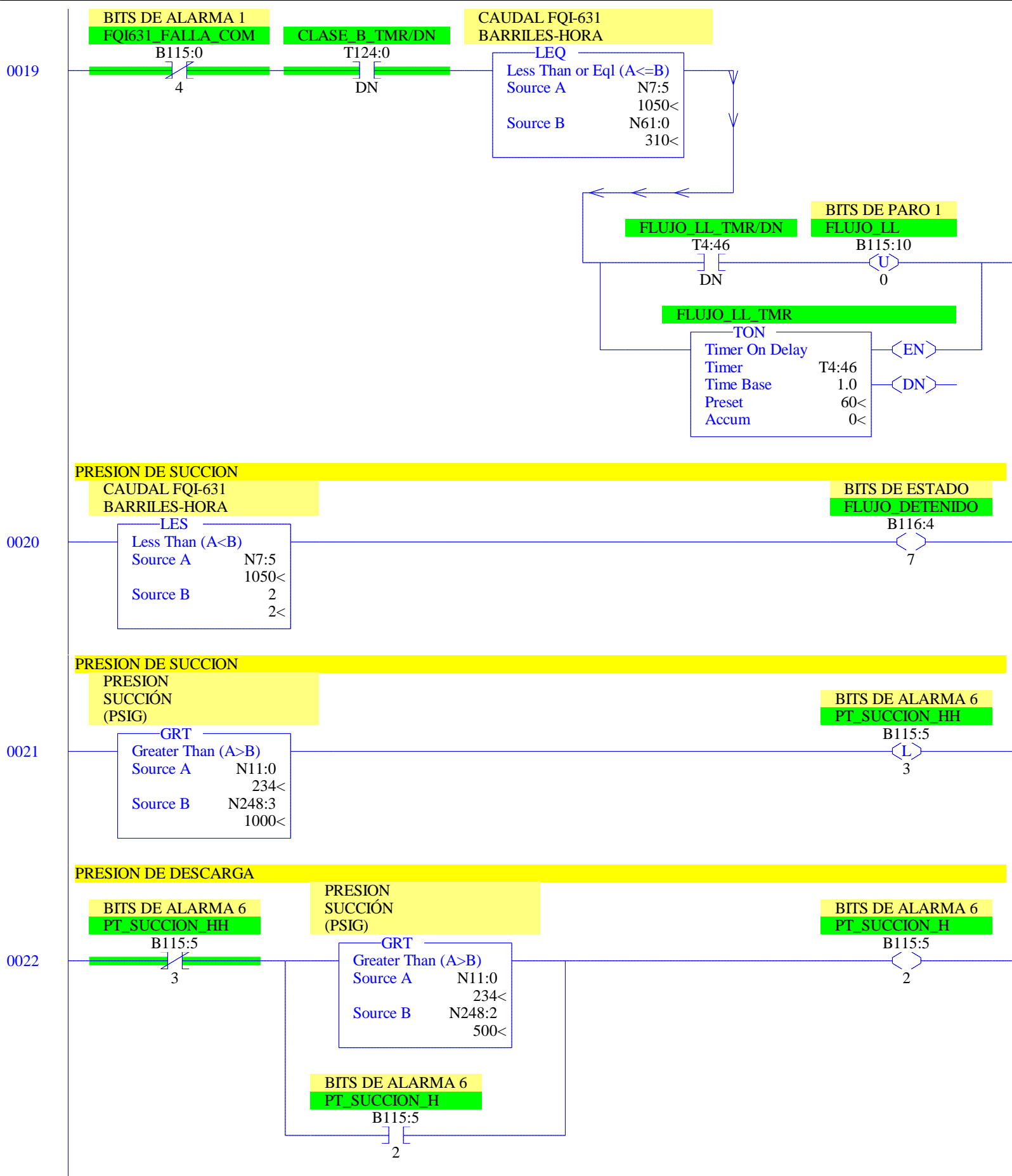


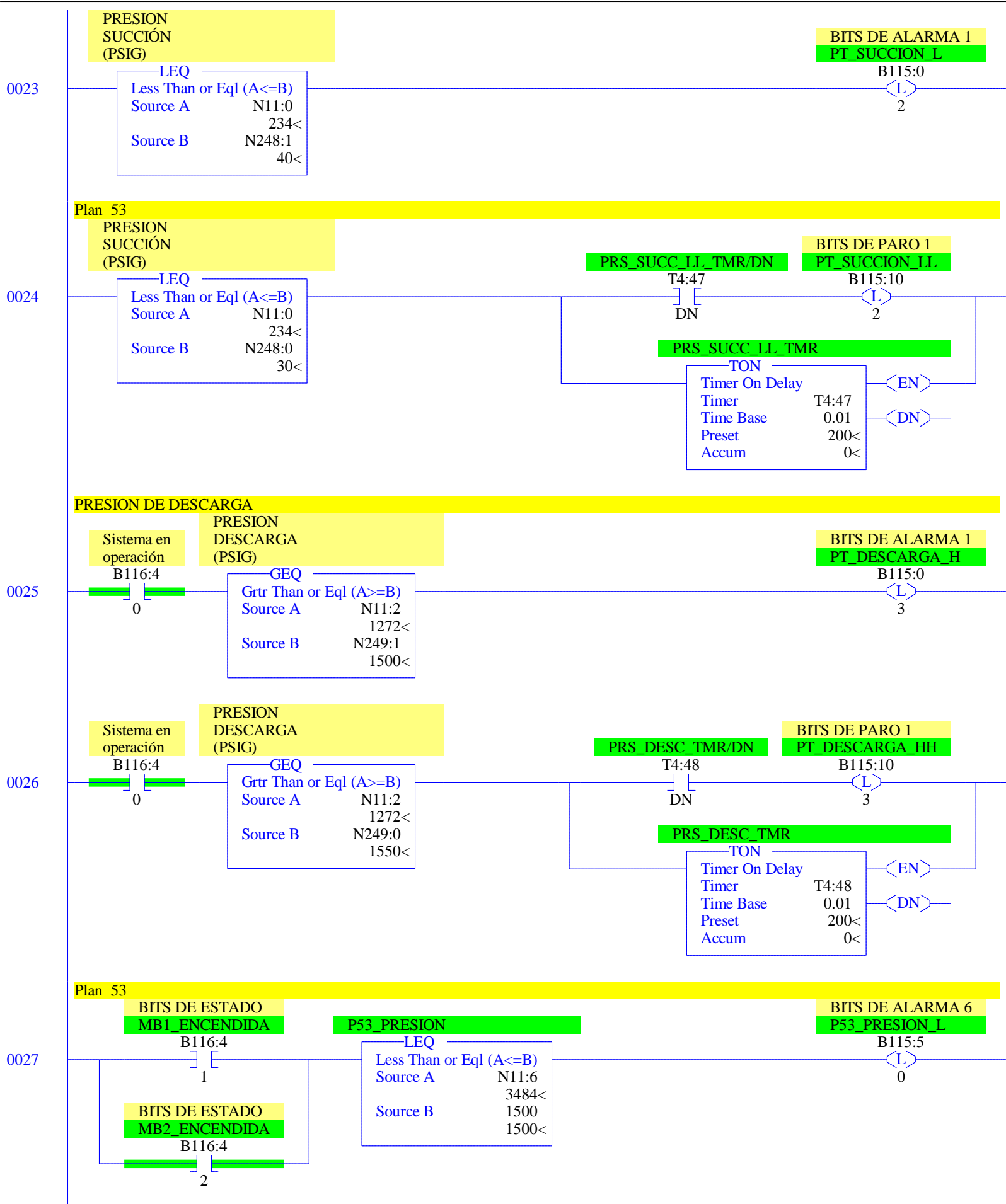


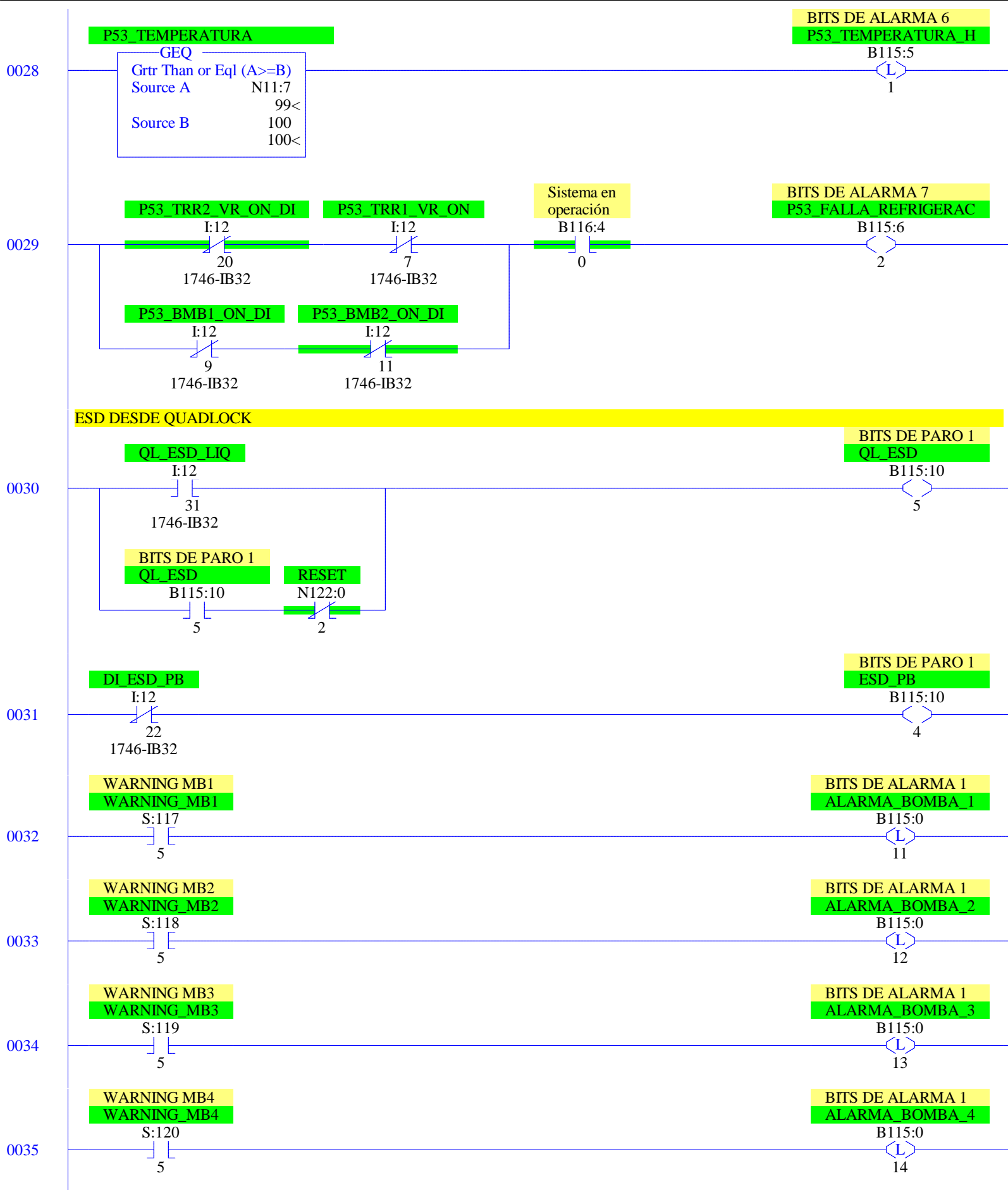










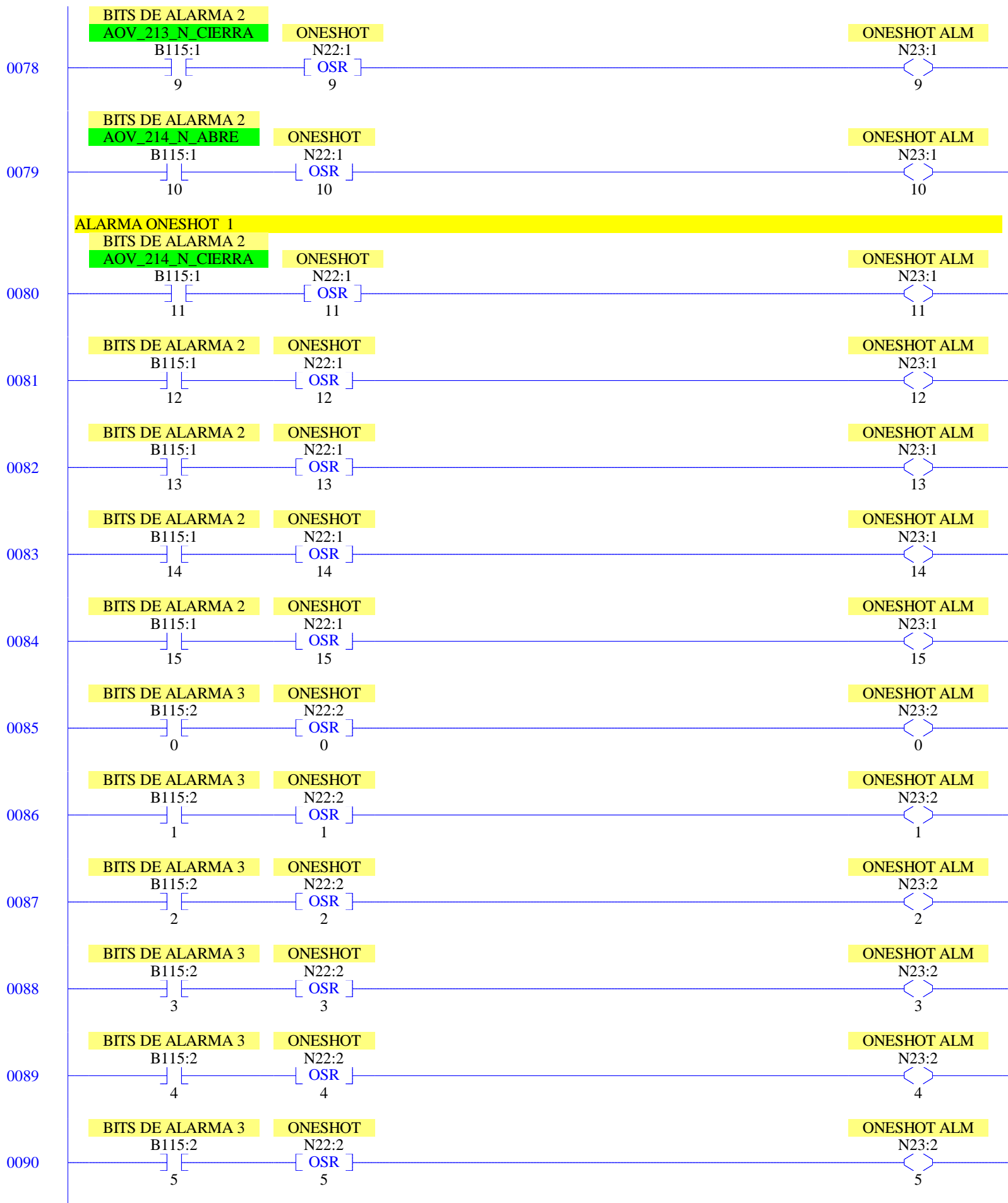


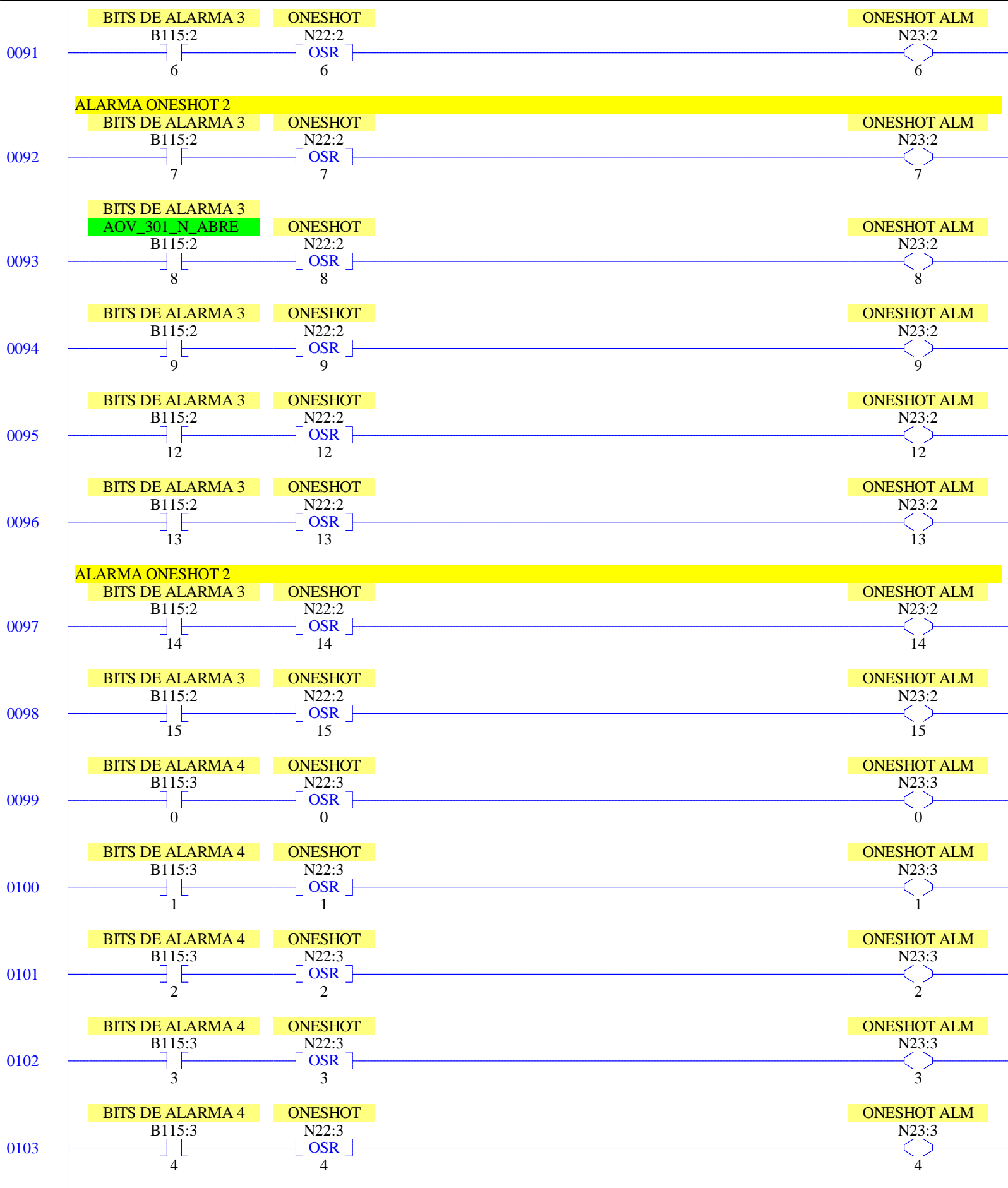










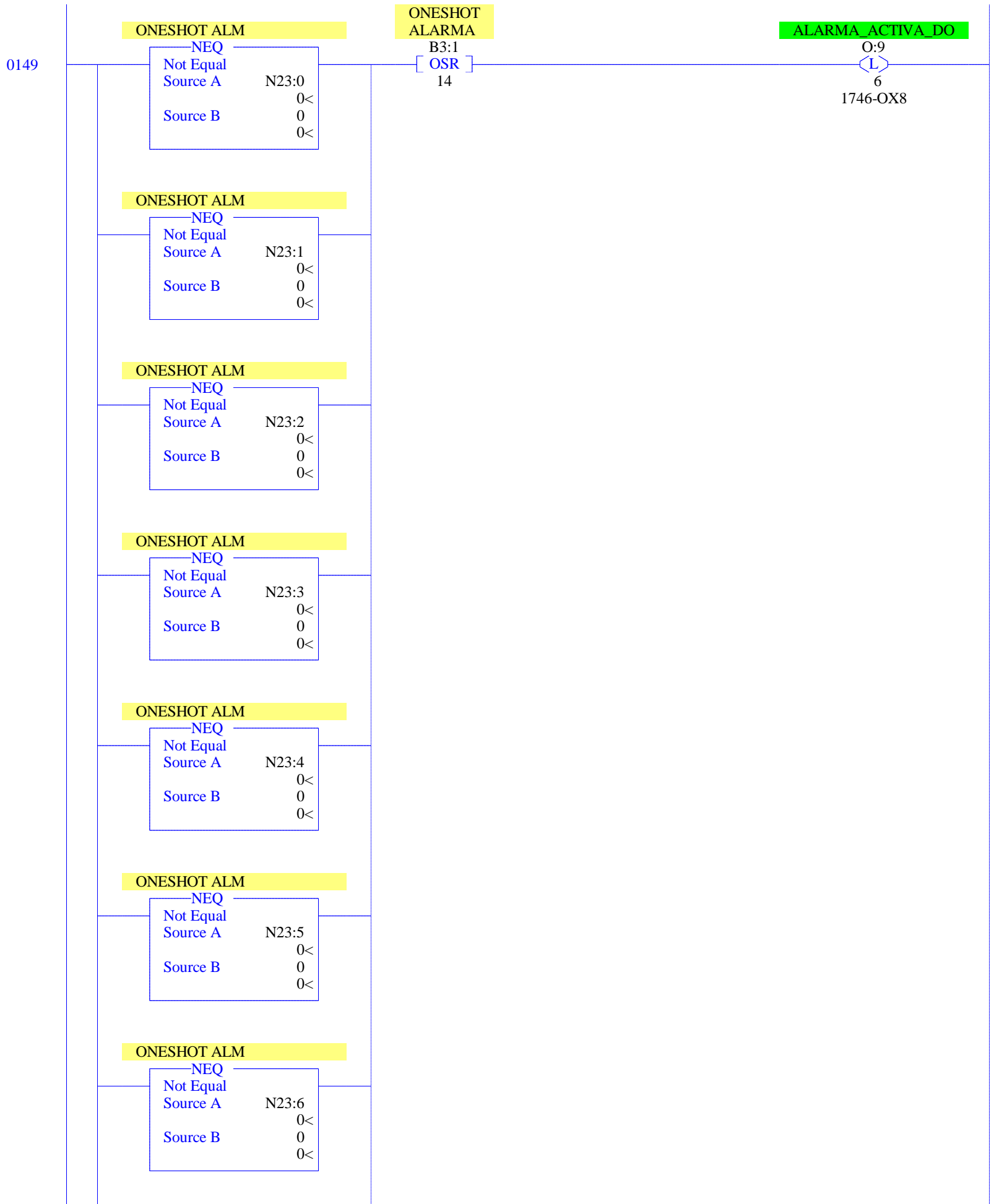












0150

ONESHOT FLT

NEQ
Not Equal
Source A N23:12
0<
Source B 0
0<

BITS DE PARO 1

NEQ
Not Equal
Source A B115:10
0000000000000000<
Source B 0
0<

SD_ACTIVO

B3:9
9

BITS DE PARO 2

NEQ
Not Equal
Source A B115:11
0000000000000000<
Source B 0
0<

0151

ONESHOT ESD

NEQ
Not Equal
Source A N23:10
0<
Source B 0
0<

ONESHOT
ESD

B3:1
[OSR]
15

ESD_ACTIVO_DO

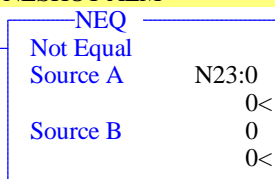
O:9
7
1746-OX8

BITS DE PARO 2

NEQ
Not Equal
Source A B115:11
0000000000000000<
Source B 0
0<

0152

ONESHOT ALM



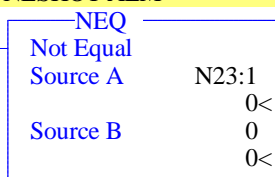
BITS DE ALARMA 1

ALARM_TRIGGER

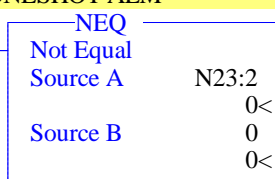
B115:0



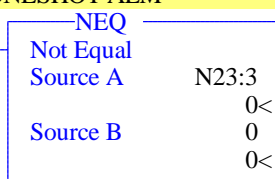
ONESHOT ALM



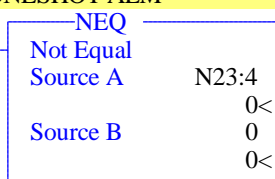
ONESHOT ALM



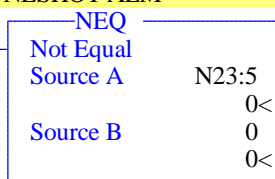
ONESHOT ALM



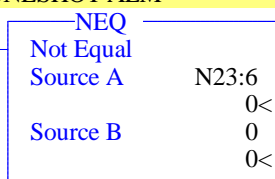
ONESHOT ALM



ONESHOT ALM

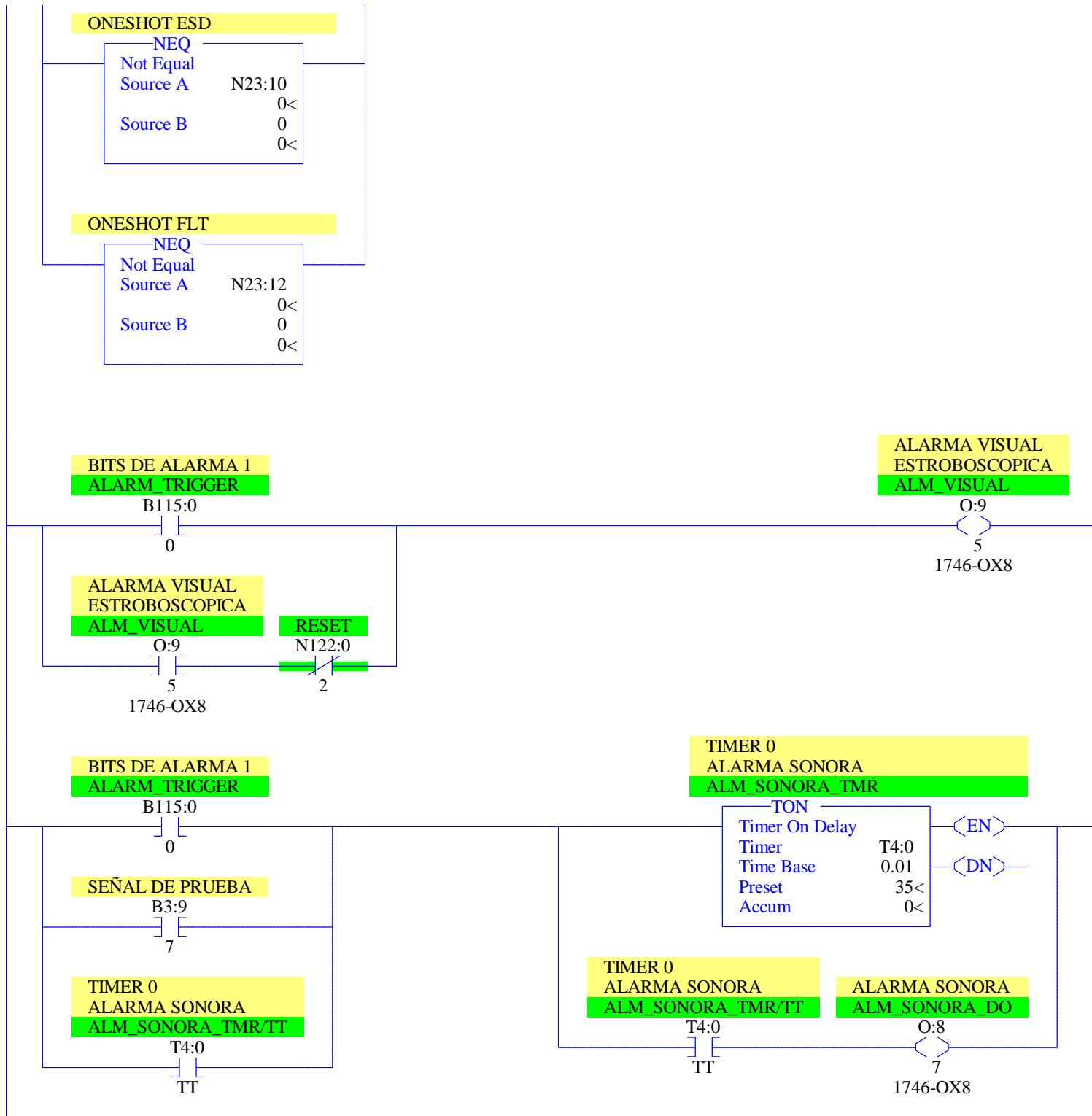


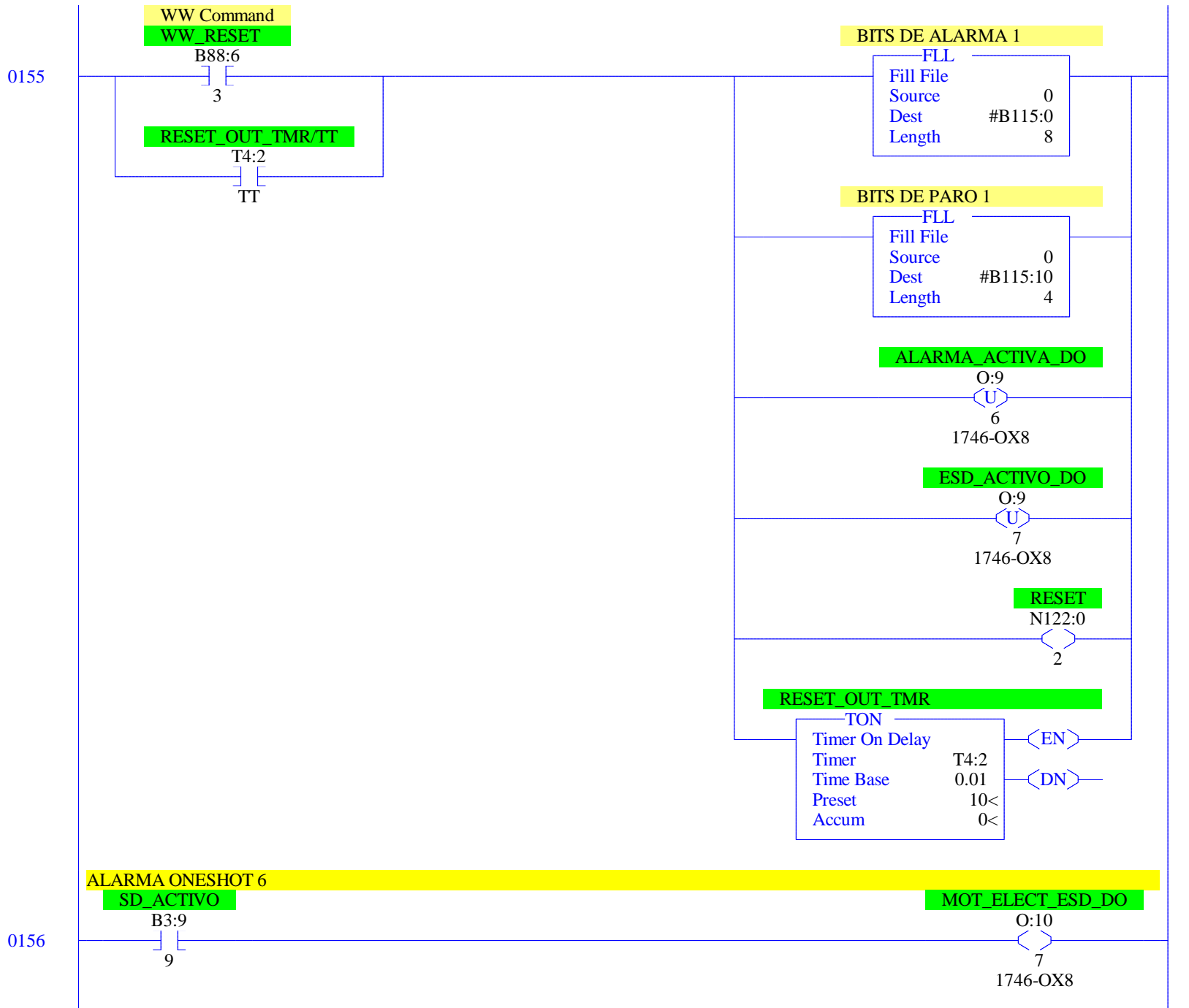
ONESHOT ALM

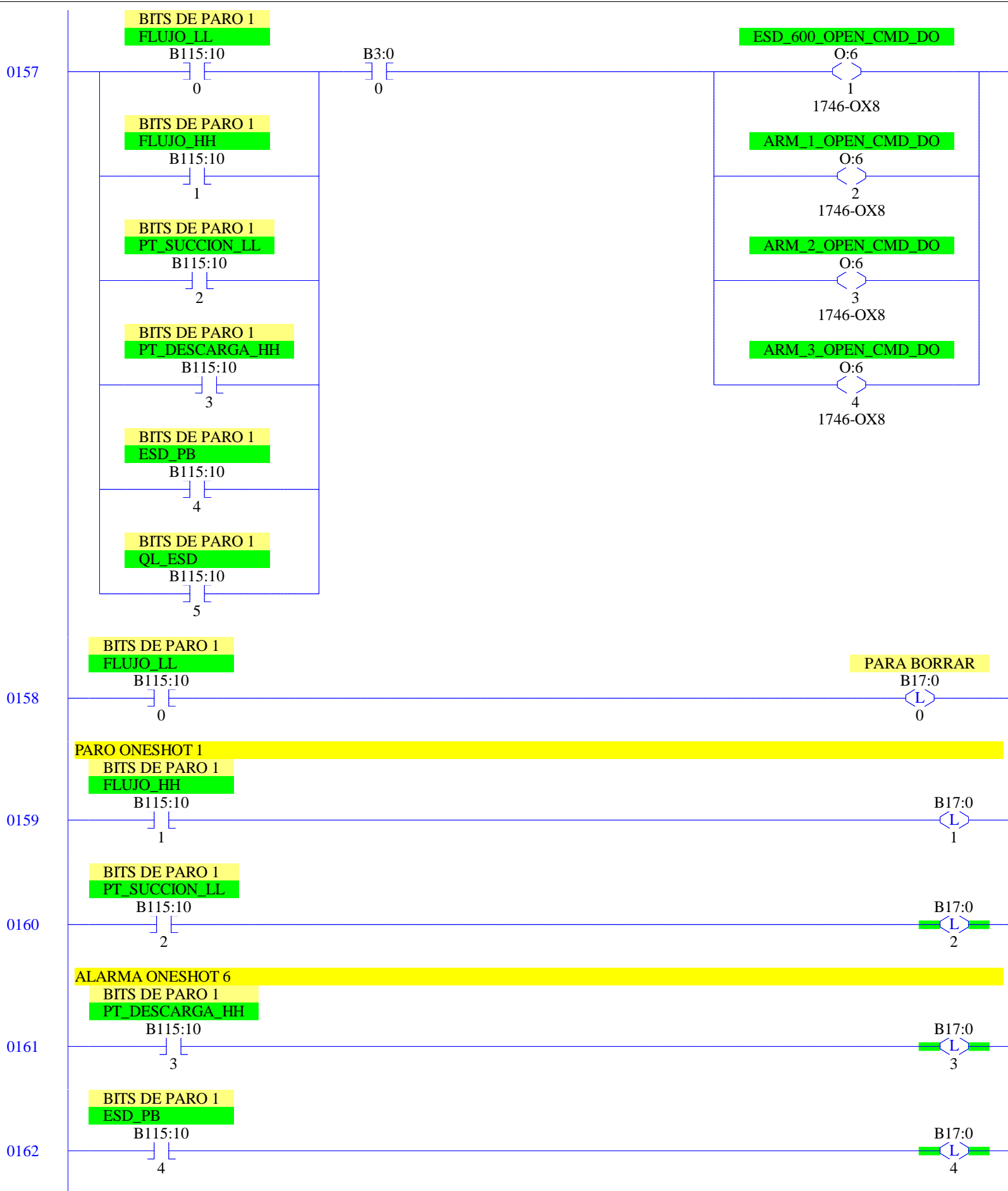


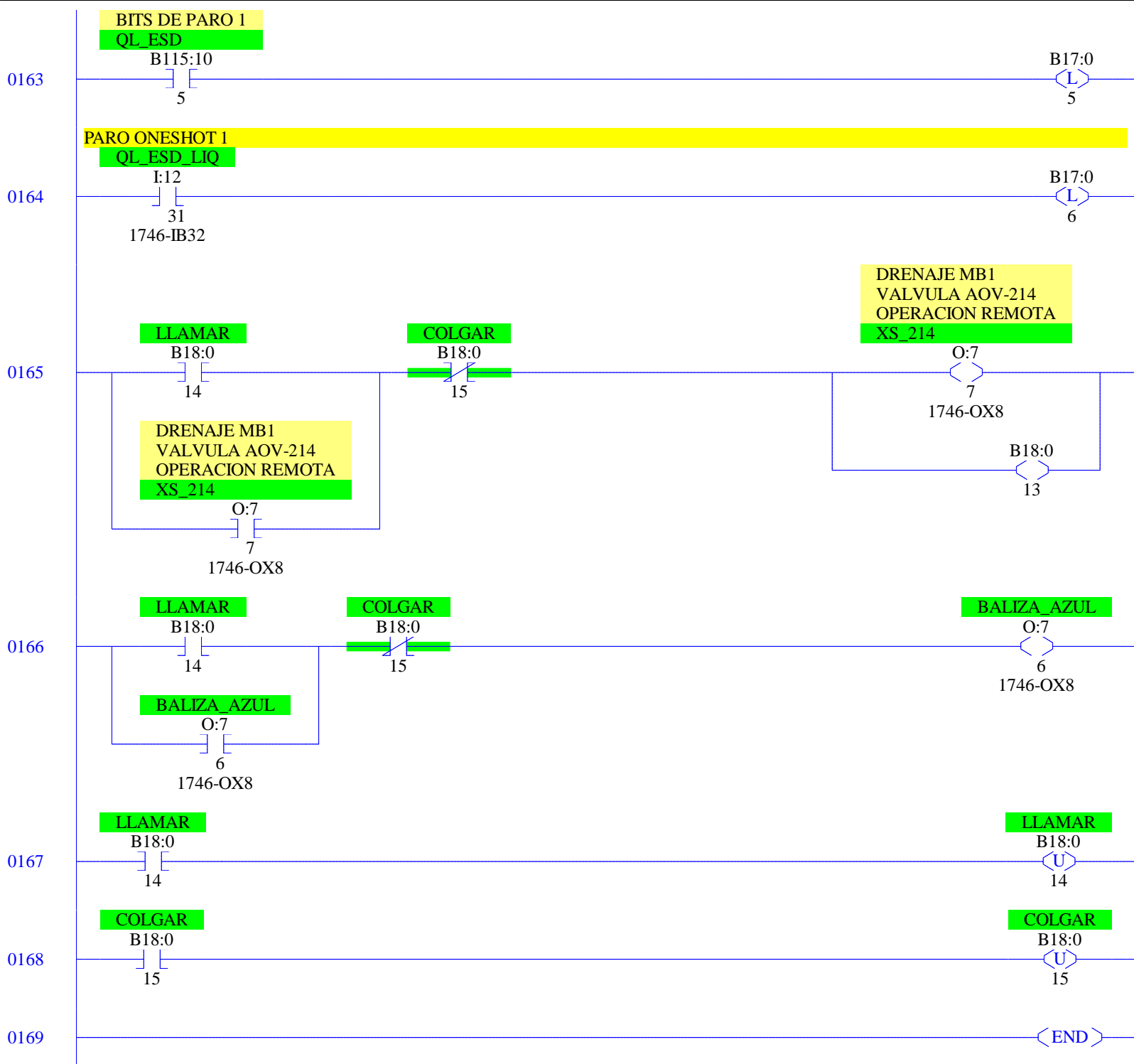
0153

0154









0000

ALIVIO CRUDO
A TQ SEPARADOR
PCV_310

SCP

Scale w/Parameters	
Input	N12:1
	0<
Input Min.	0
	0<
Input Max.	100
	100<
Scaled Min.	6242
	6242<
Scaled Max.	31208
	31208<
Output	O:4.1
	6242<

0001

ALIVIO GLP A FLARE
PCV_312

SCP

Scale w/Parameters	
Input	N12:3
	0<
Input Min.	0.0
	0.0<
Input Max.	100.0
	100.0<
Scaled Min.	6142.0
	6142.0<
Scaled Max.	33000.0
	33000.0<
Output	O:4.3
	6142<

0002

PRODUCTO ES GLP
GLP

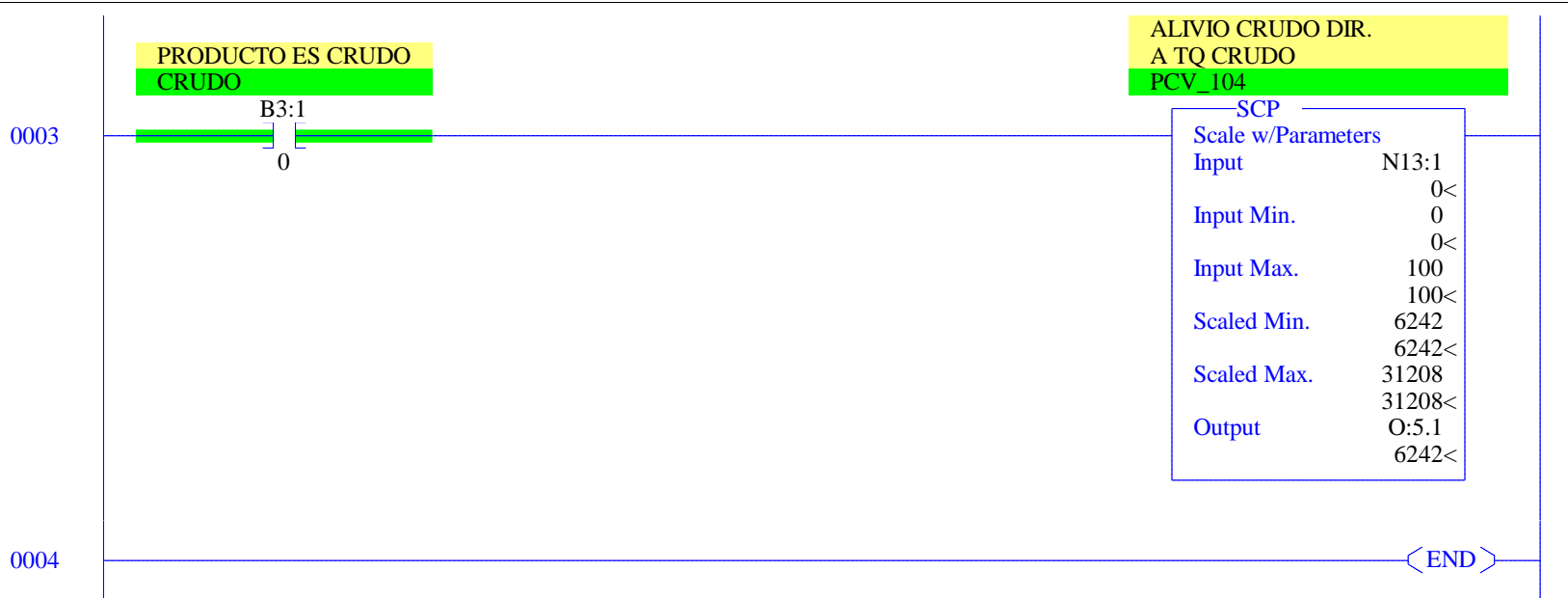
B3:1

1

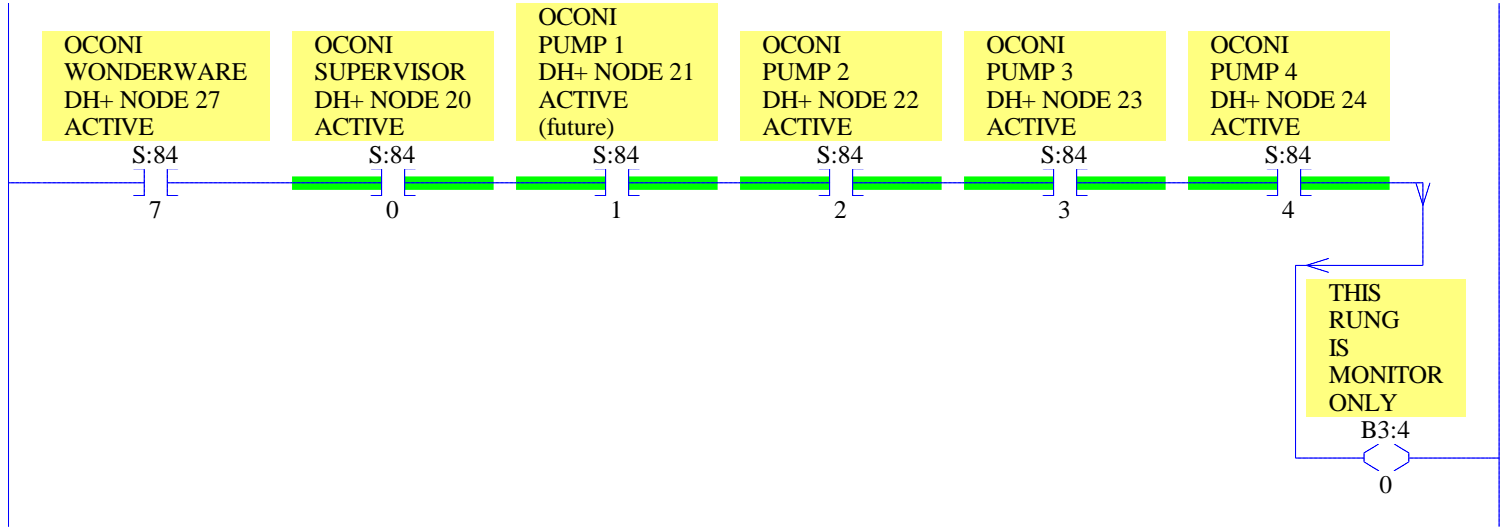
ALIVIO GLP DIRECTO
A TQ SEPARADOR
PCV_103

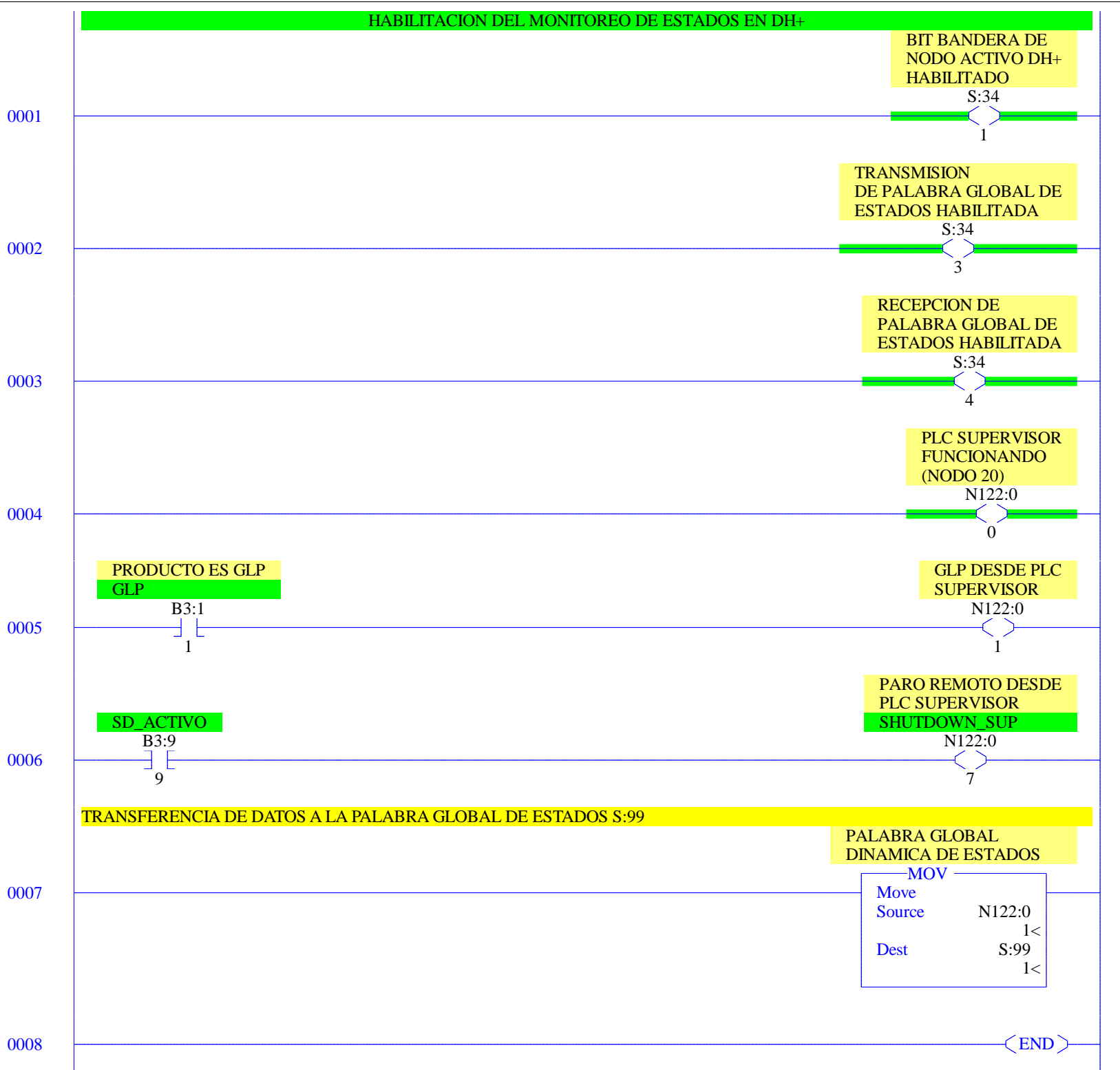
SCP

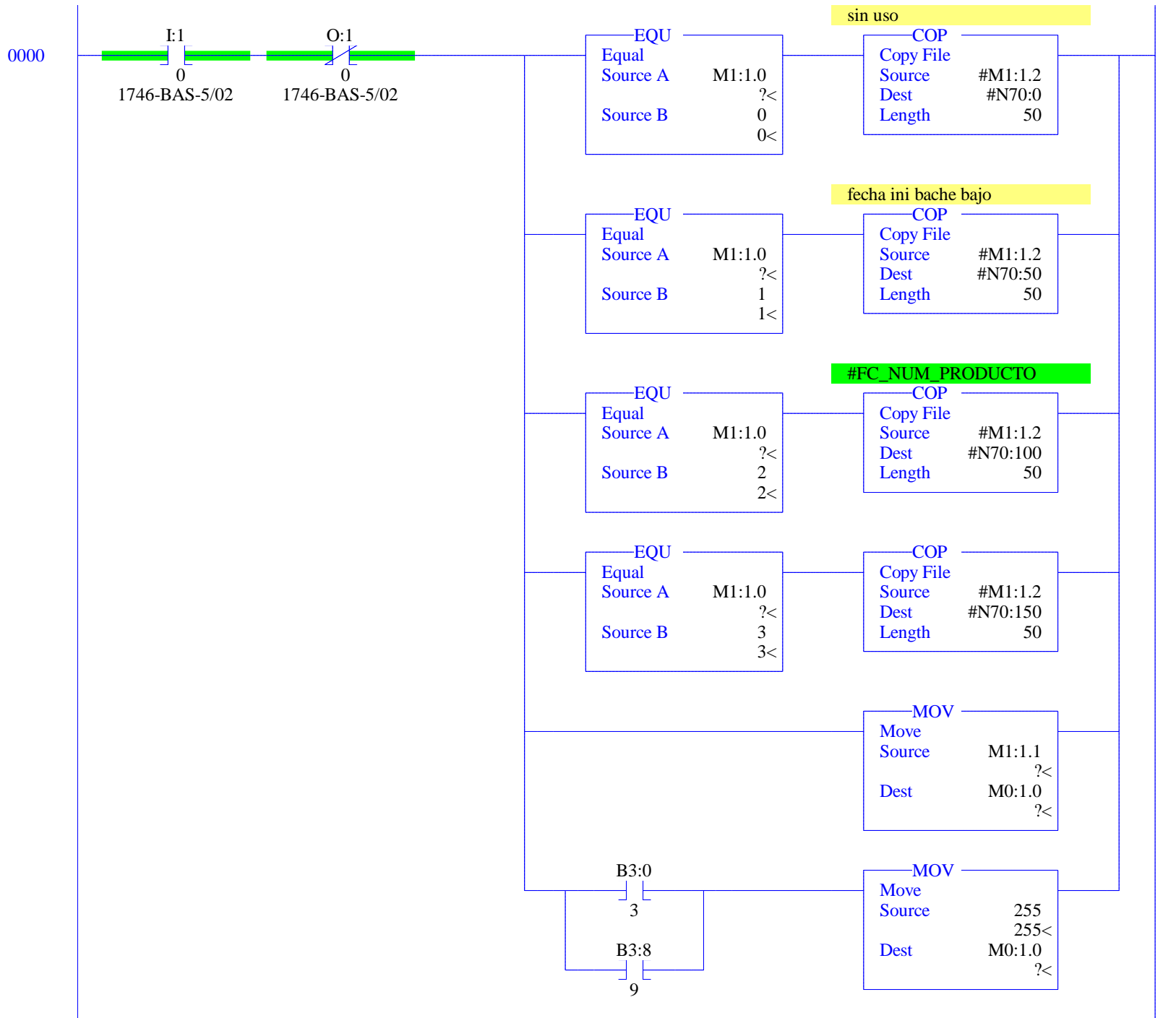
Scale w/Parameters	
Input	N13:0
	0<
Input Min.	0
	0<
Input Max.	100
	100<
Scaled Min.	6242
	6242<
Scaled Max.	31208
	31208<
Output	O:5.0
	6242<



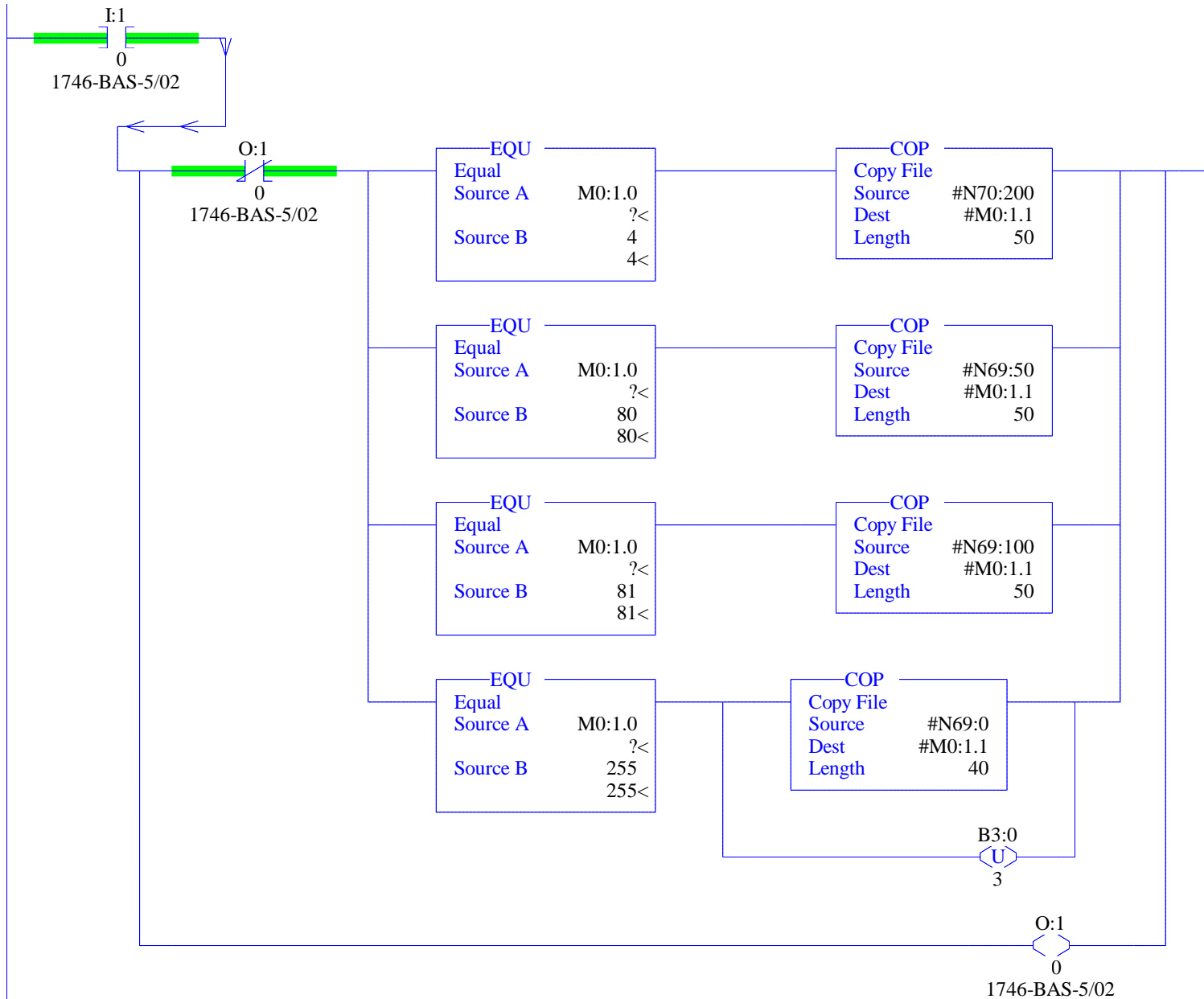
0000



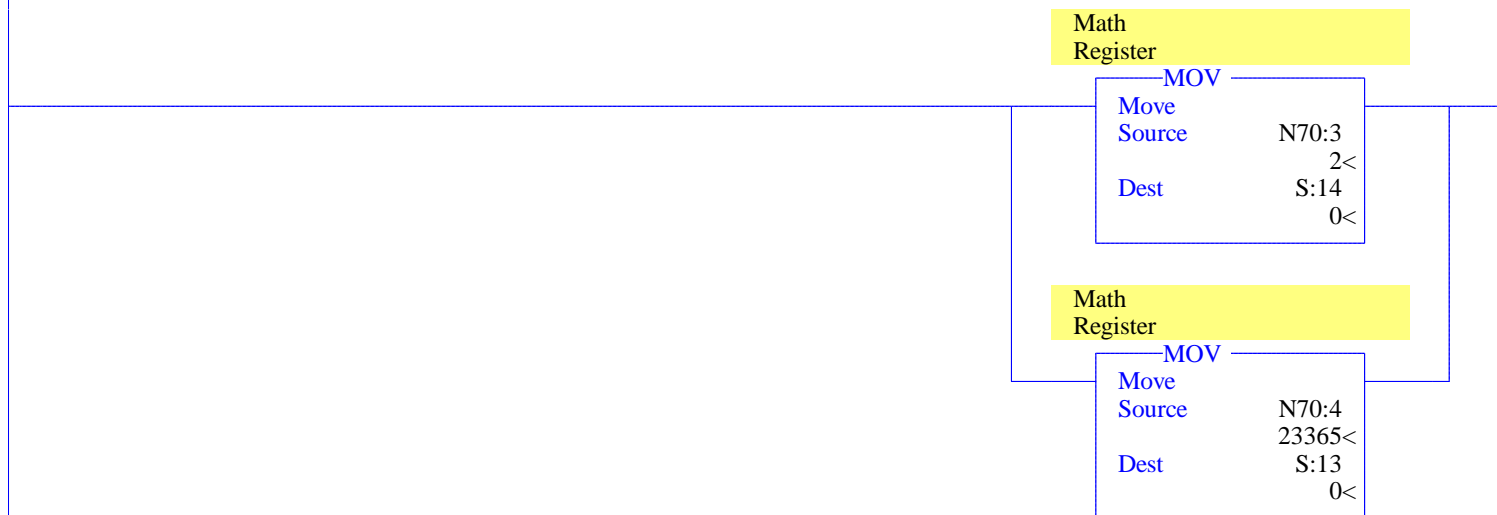


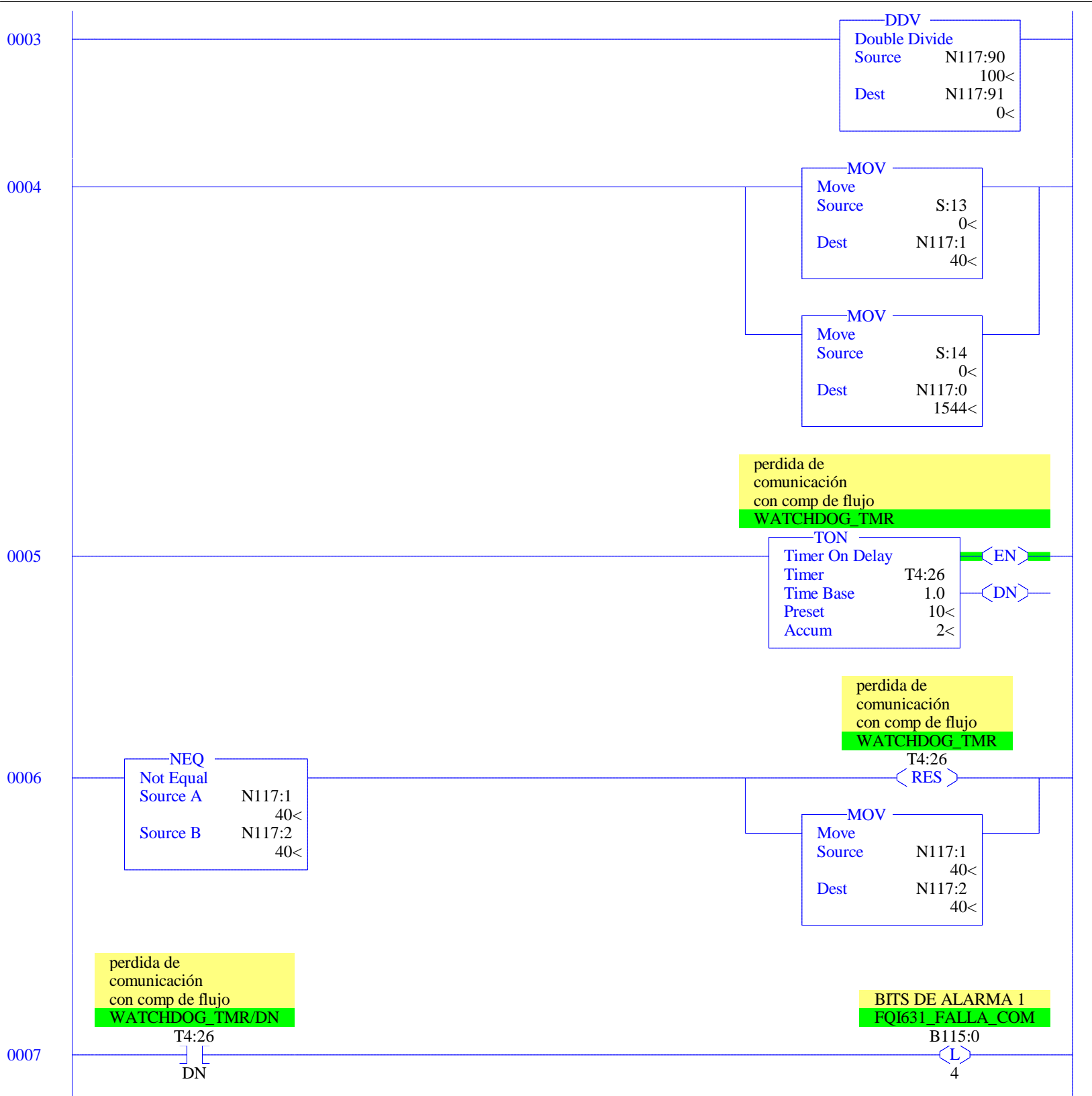


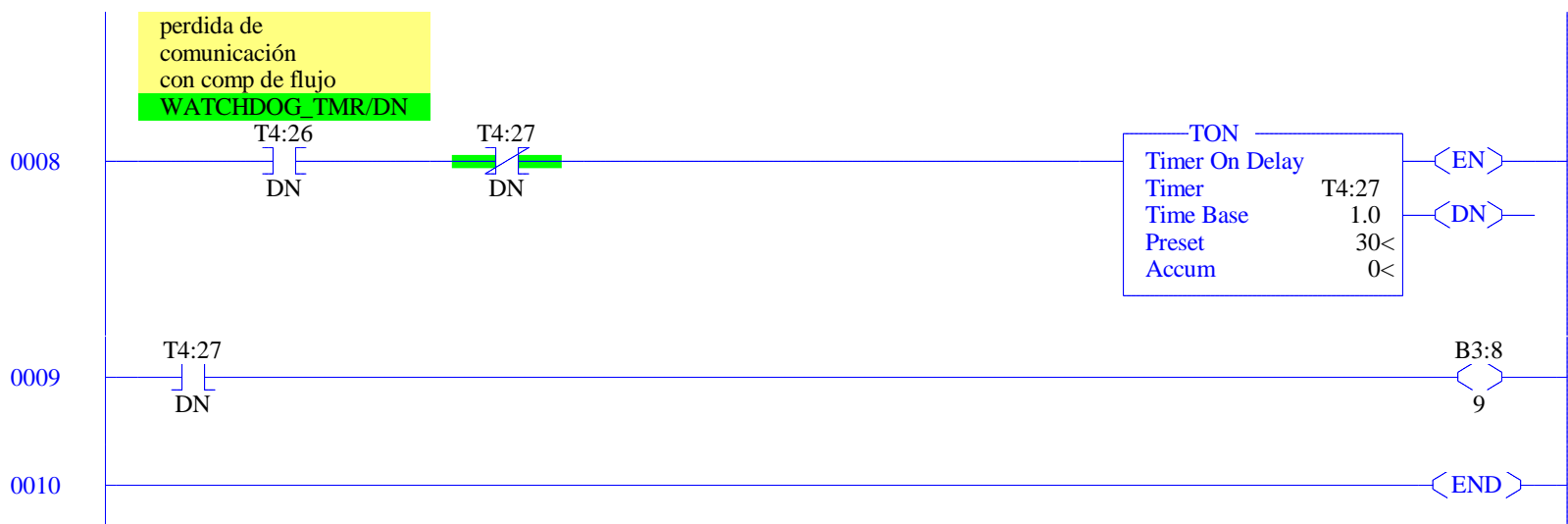
0001



0002





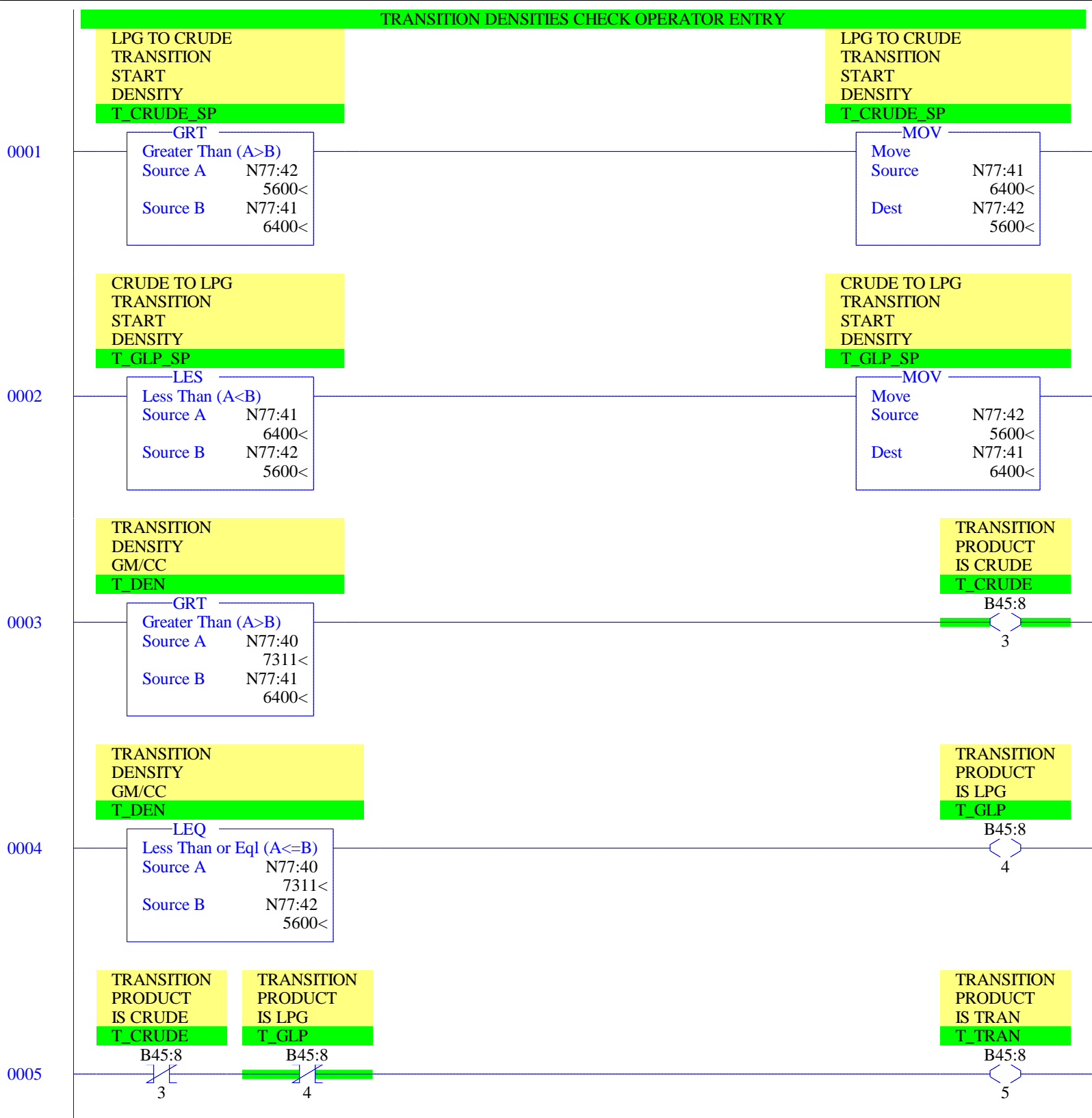


TRANSITION
DENSITY
GM/CC
T_DEN

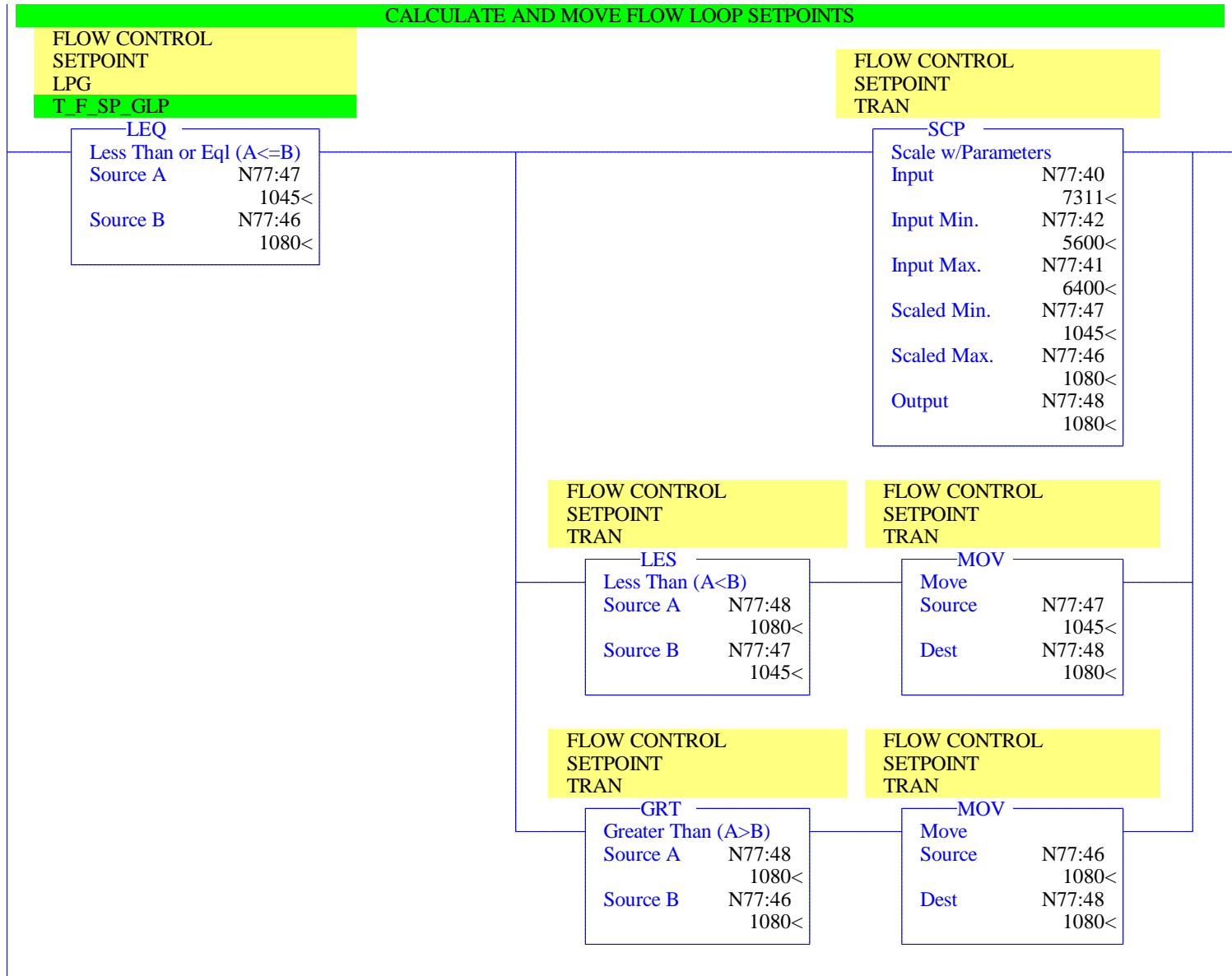
MOV

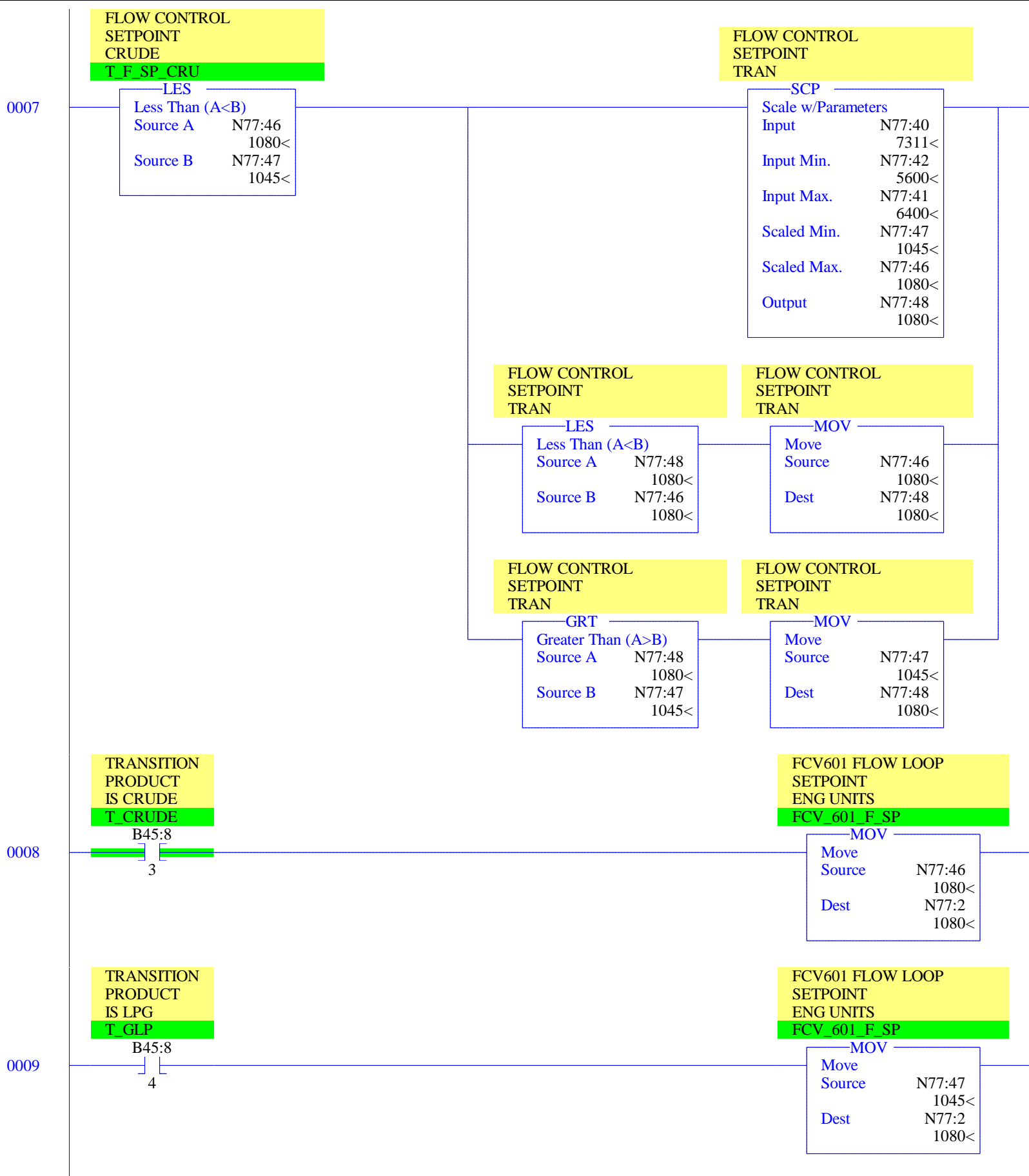
Move
Source N7:6
7311<
Dest N77:40
7311<

0000



0006





0010

TRANSITION
PRODUCT
IS TRAN
T_TRAN

B45:8
5

FCV601 FLOW LOOP
SETPOINT
ENG UNITS
FCV_601_F_SP

MOV

Move	
Source	N77:48 1080<
Dest	N77:2 1080<

0011

CALCULATE AND MOVE BACKP LOOP SETPOINTS

FLOW CONTROL
SETPOINT
LPG

T_B_SP_GLP

LEQ

Less Than or Eq (A<=B)

Source A N77:57
180<

Source B N77:56
80<

FLOW CONTROL
SETPOINT
TRAN

T_B_SP_TRAN

SCP

Scale w/Parameters

Input N77:40
7311<

Input Min. N77:42
5600<

Input Max. N77:41
6400<

Scaled Min. N77:57
180<

Scaled Max. N77:56
80<

Output N77:58
80<

FLOW CONTROL
SETPOINT
TRAN

T_B_SP_TRAN

LES

Less Than (A<B)

Source A N77:58
80<

Source B N77:57
180<

FLOW CONTROL
SETPOINT
TRAN

T_B_SP_TRAN

MOV

Move

Source N77:57
180<

Dest N77:58
80<

FLOW CONTROL
SETPOINT
TRAN

T_B_SP_TRAN

GRT

Greater Than (A>B)

Source A N77:58
80<

Source B N77:56
80<

FLOW CONTROL
SETPOINT
TRAN

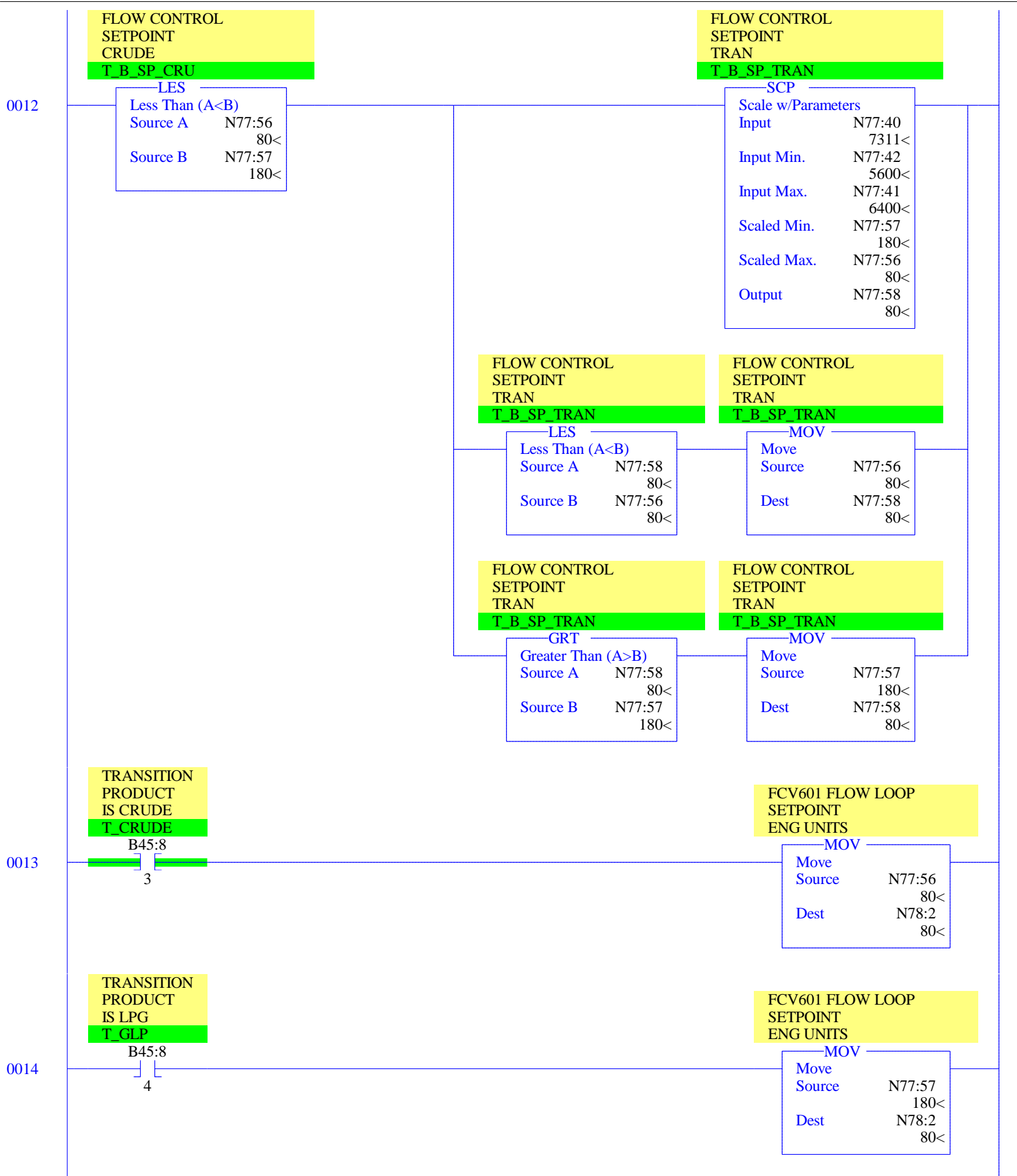
T_B_SP_TRAN

MOV

Move

Source N77:56
80<

Dest N77:58
80<



0015

TRANSITION
PRODUCT
IS TRAN
T_TRAN

B45:8
5

FCV601 FLOW LOOP
SETPOINT
ENG UNITS

MOV

Move	
Source	N77:58 80<
Dest	N78:2 80<

0016

CALCULATE AND MOVE FLOW TO BACKP SWITCHPOINTS

FLOW TO BACKP
SWITCHPOINT
LPG
T_SW_B_GLP

FLOW TO BACKP
SWITCHPOINT
TRAN
T_SW_B_TRAN

LEQ
Less Than or Eq (A<=B)
Source A N77:62
160<
Source B N77:61
60<

SCP
Scale w/Parameters
Input N77:40
7311<
Input Min. N77:42
5600<
Input Max. N77:41
6400<
Scaled Min. N77:62
160<
Scaled Max. N77:61
60<
Output N77:63
60<

FLOW TO BACKP
SWITCHPOINT
TRAN
T_SW_B_TRAN

FLOW TO BACKP
SWITCHPOINT
TRAN
T_SW_B_TRAN

LES
Less Than (A<B)
Source A N77:63
60<
Source B N77:62
160<

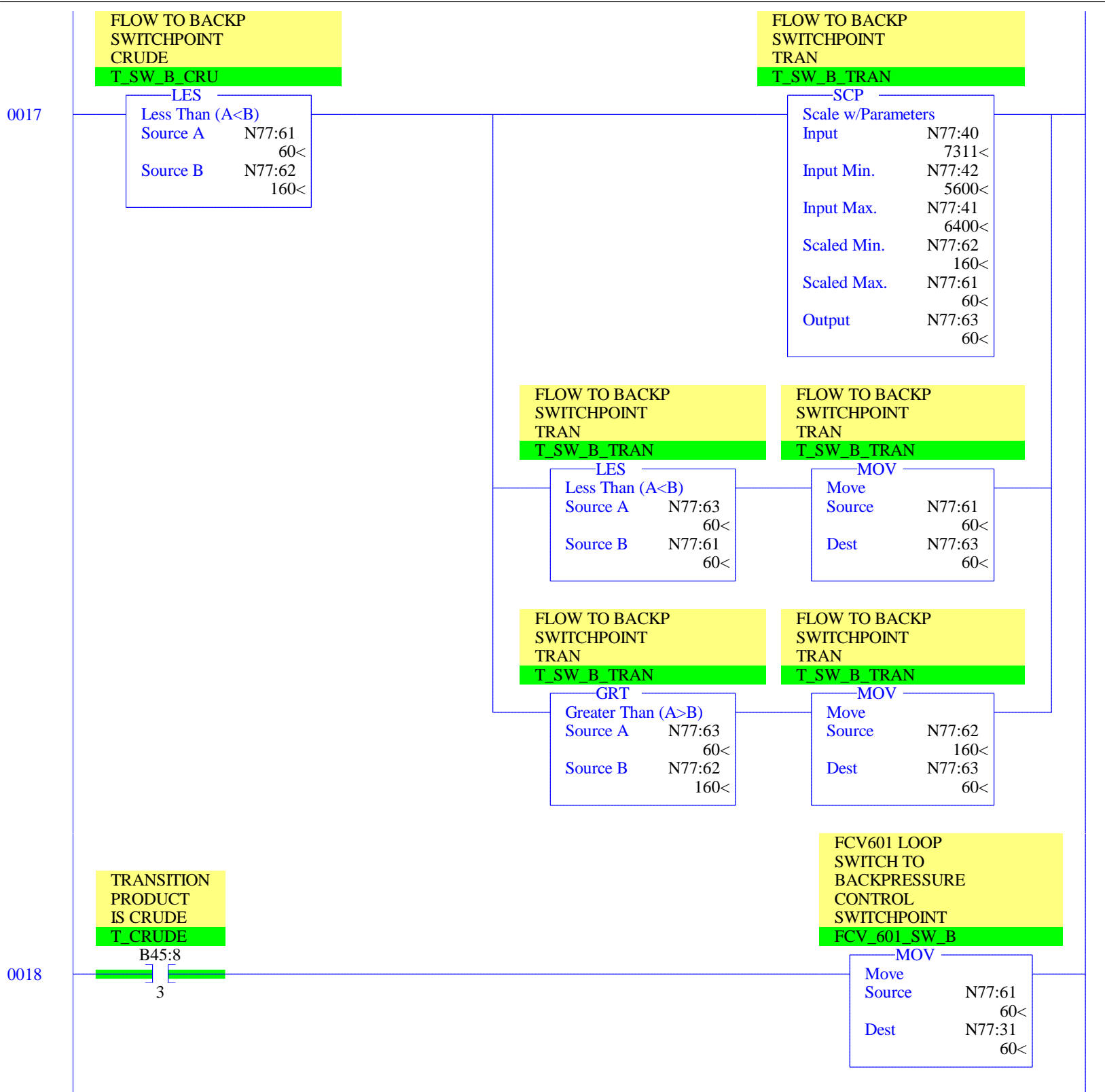
MOV
Move
Source N77:62
160<
Dest N77:63
60<

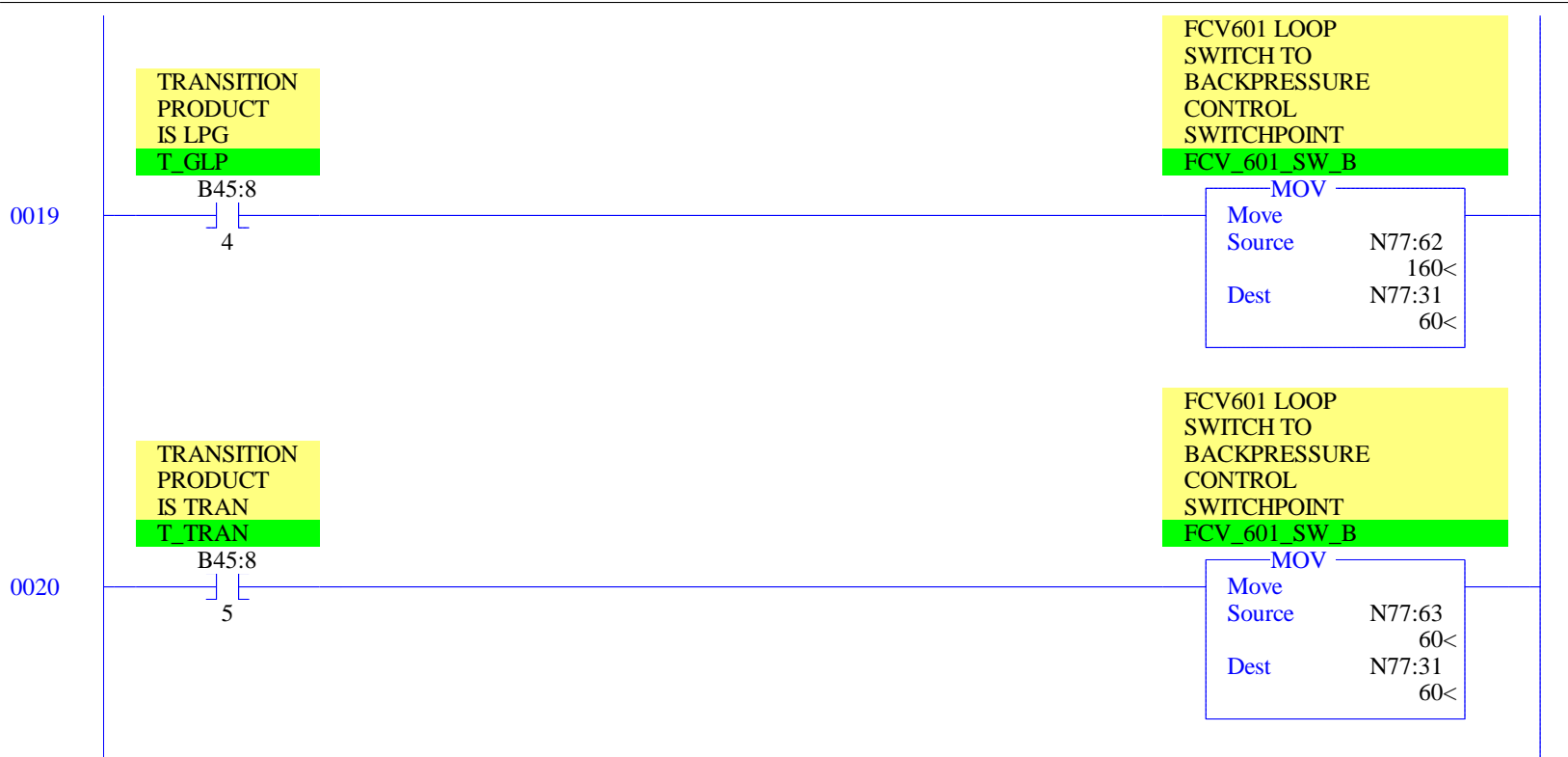
FLOW TO BACKP
SWITCHPOINT
TRAN
T_SW_B_TRAN

FLOW TO BACKP
SWITCHPOINT
TRAN
T_SW_B_TRAN

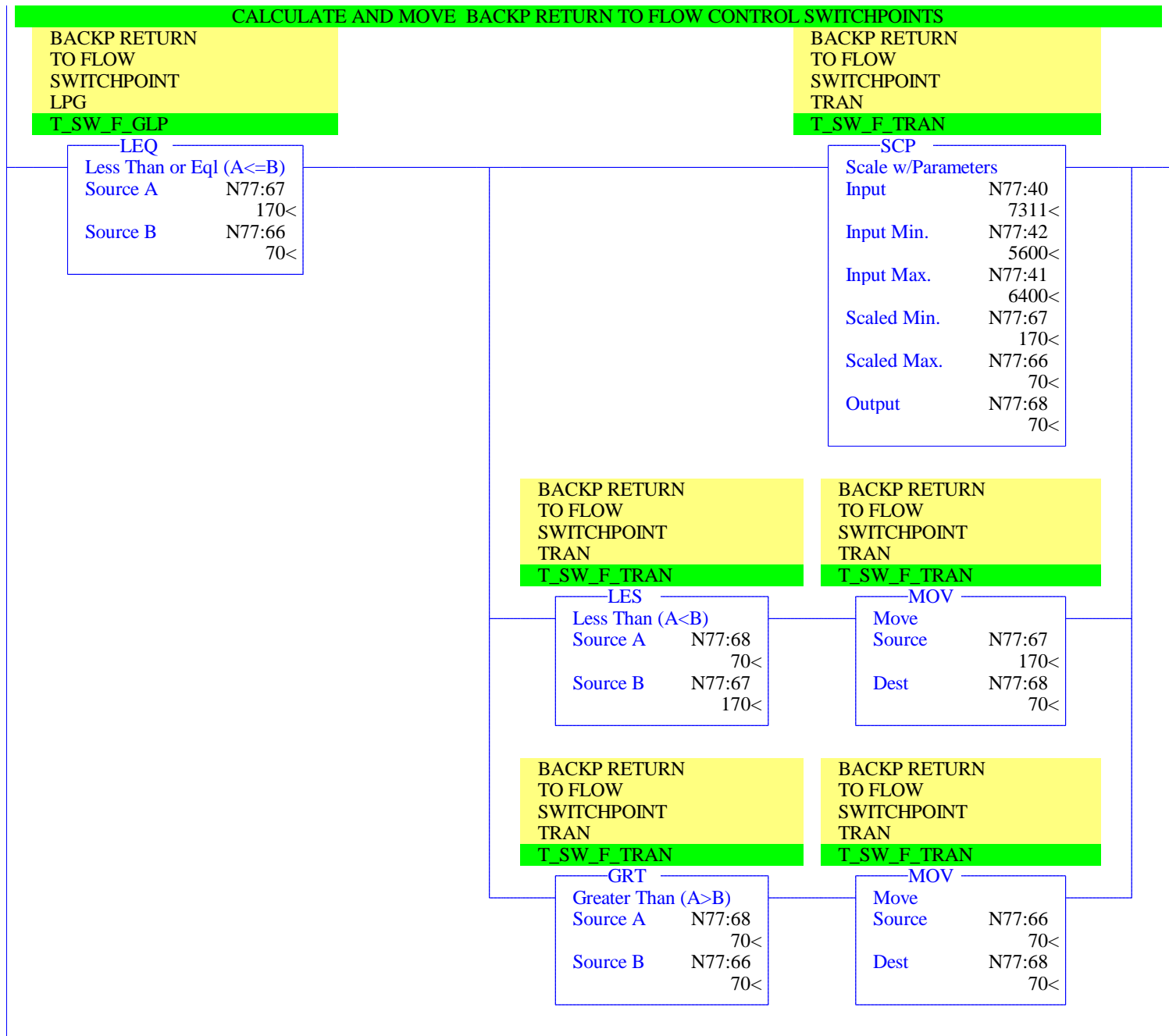
GRT
Greater Than (A>B)
Source A N77:63
60<
Source B N77:61
60<

MOV
Move
Source N77:62
160<
Dest N77:63
60<





0021



0022

BACKP RETURN
TO FLOW
SWITCHPOINT
CRUDE

T_SW_F_CRU

LES

Less Than (A<B)

Source A N77:66
70<

Source B N77:67
170<

BACKP RETURN
TO FLOW
SWITCHPOINT
TRAN

T_SW_F_TRAN

SCP

Scale w/Parameters

Input N77:40
7311<

Input Min. N77:42
5600<

Input Max. N77:41
6400<

Scaled Min. N77:67
170<

Scaled Max. N77:66
70<

Output N77:68
70<

BACKP RETURN
TO FLOW
SWITCHPOINT
TRAN

T_SW_F_TRAN

LES

Less Than (A<B)

Source A N77:68
70<

Source B N77:66
70<

BACKP RETURN
TO FLOW
SWITCHPOINT
TRAN

T_SW_F_TRAN

MOV

Move

Source N77:66
70<

Dest N77:68
70<

BACKP RETURN
TO FLOW
SWITCHPOINT
TRAN

T_SW_F_TRAN

GRT

Greater Than (A>B)

Source A N77:68
70<

Source B N77:67
170<

BACKP RETURN
TO FLOW
SWITCHPOINT
TRAN

T_SW_F_TRAN

MOV

Move

Source N77:67
170<

Dest N77:68
70<

TRANSITION
PRODUCT
IS CRUDE

T_CRUDE

B45:8

3

FCV601 LOOP
BACK TO
FLOW CONTROL
SWITCHPOINT

FCV_601_SW_F

MOV

Move

Source N77:66
70<

Dest N77:32
70<

0023

0024

TRANSITION
PRODUCT
IS LPG
T_GLP

B45:8

4

FCV601 LOOP
BACK TO
FLOW CONTROL
SWITCHPOINT
FCV_601_SW_F

MOV

Move	
Source	N77:67 170<
Dest	N77:32 70<

0025

TRANSITION
PRODUCT
IS TRAN
T_TRAN

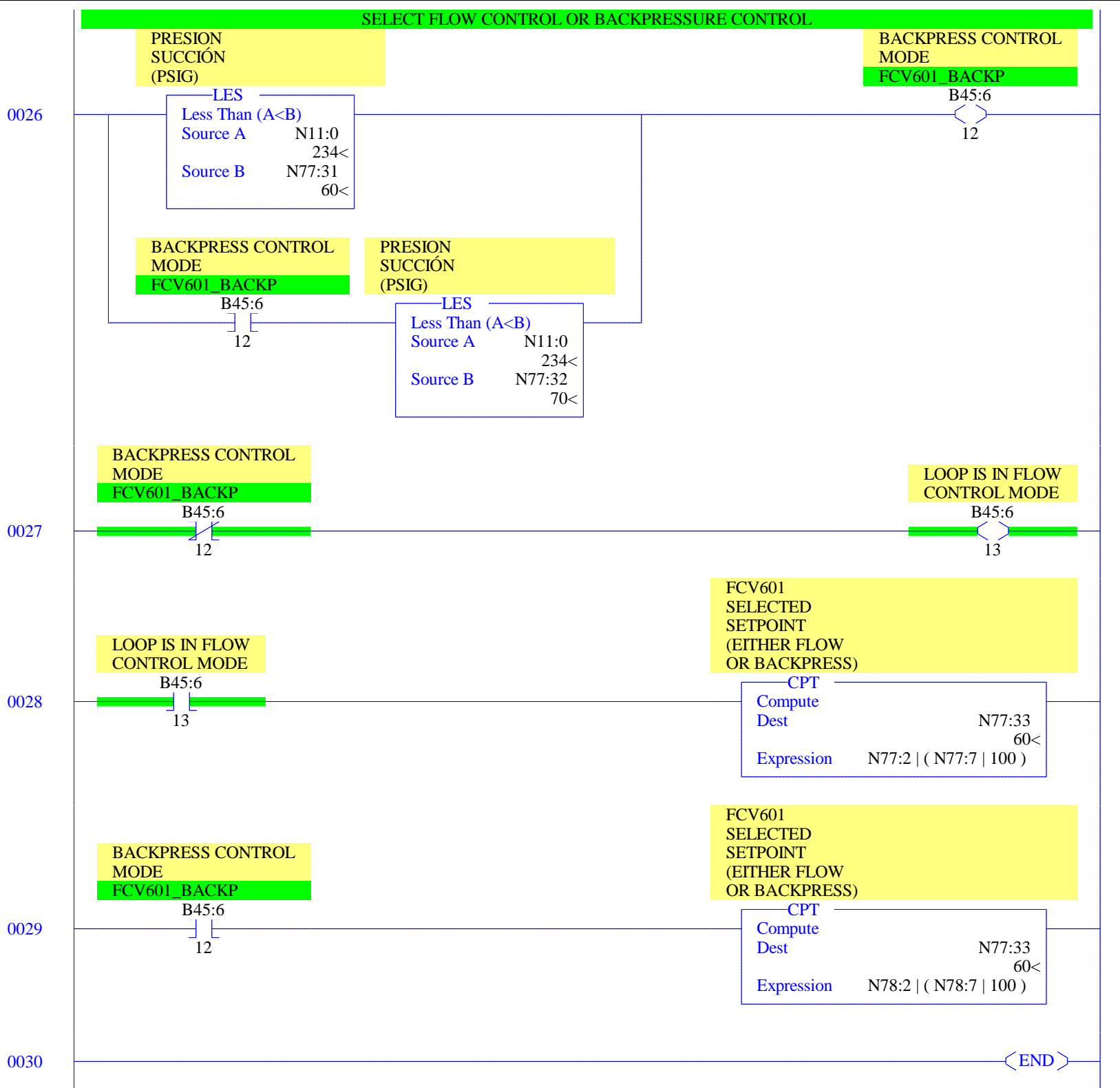
B45:8

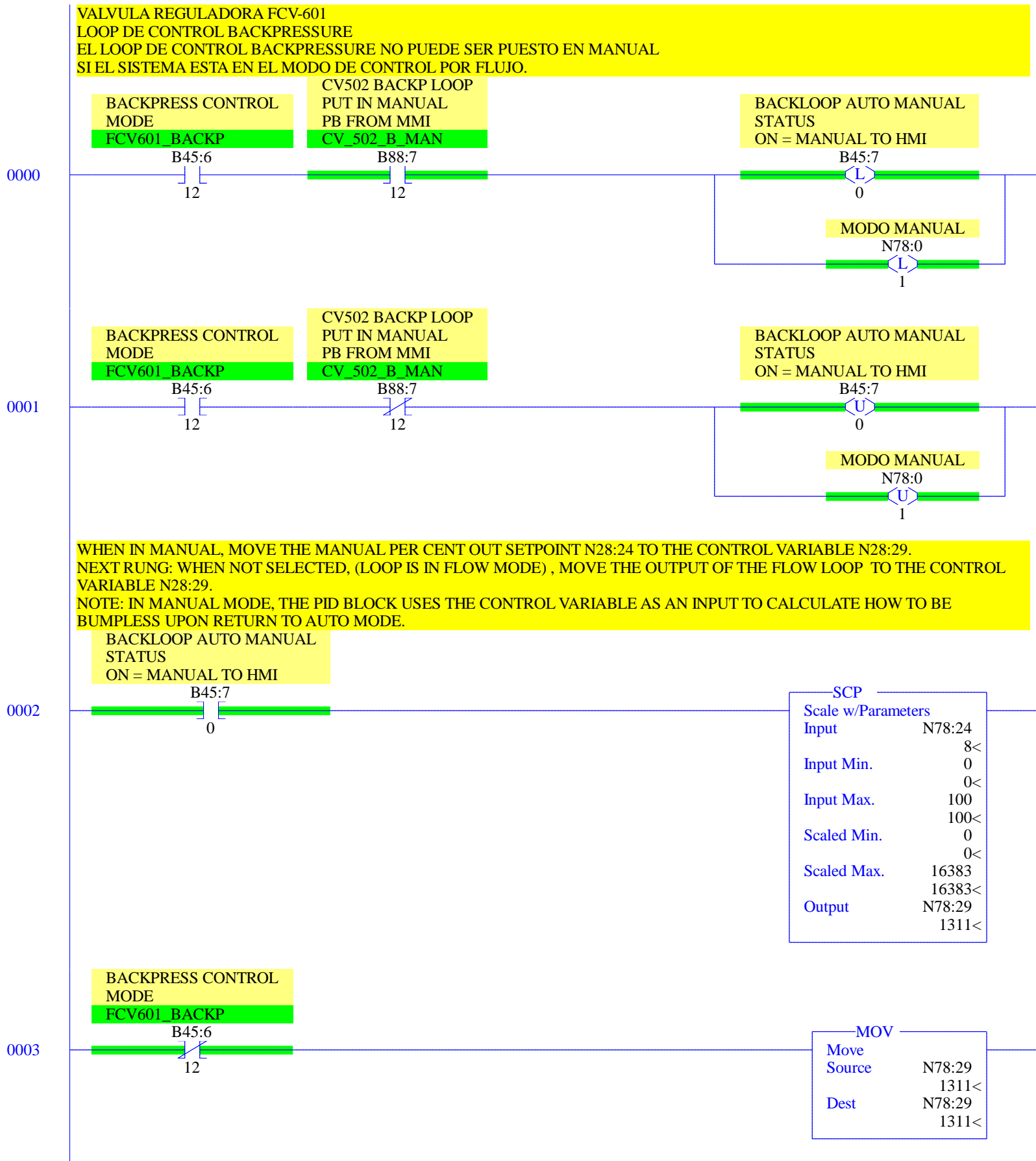
5

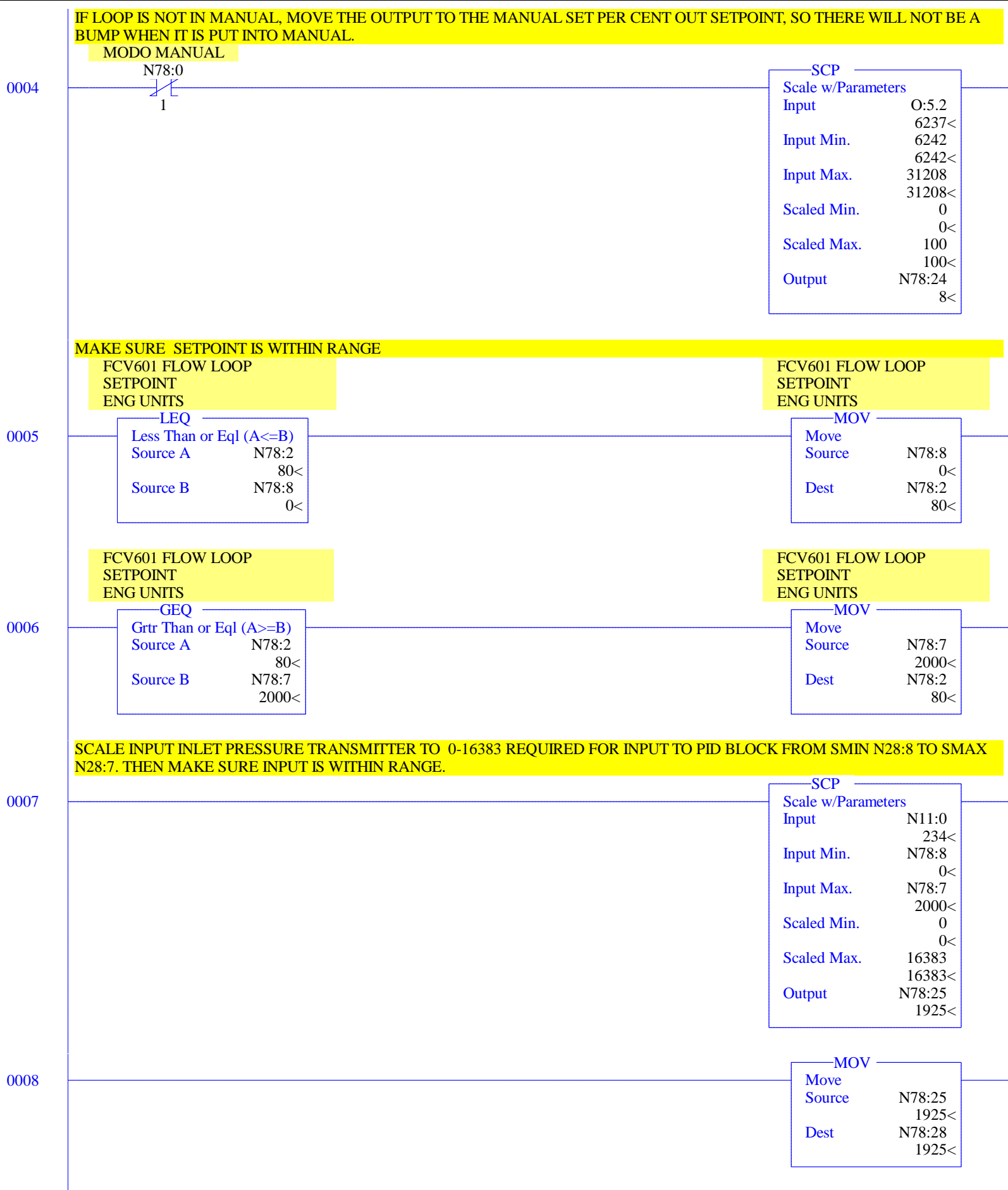
FCV601 LOOP
BACK TO
FLOW CONTROL
SWITCHPOINT
FCV_601_SW_F

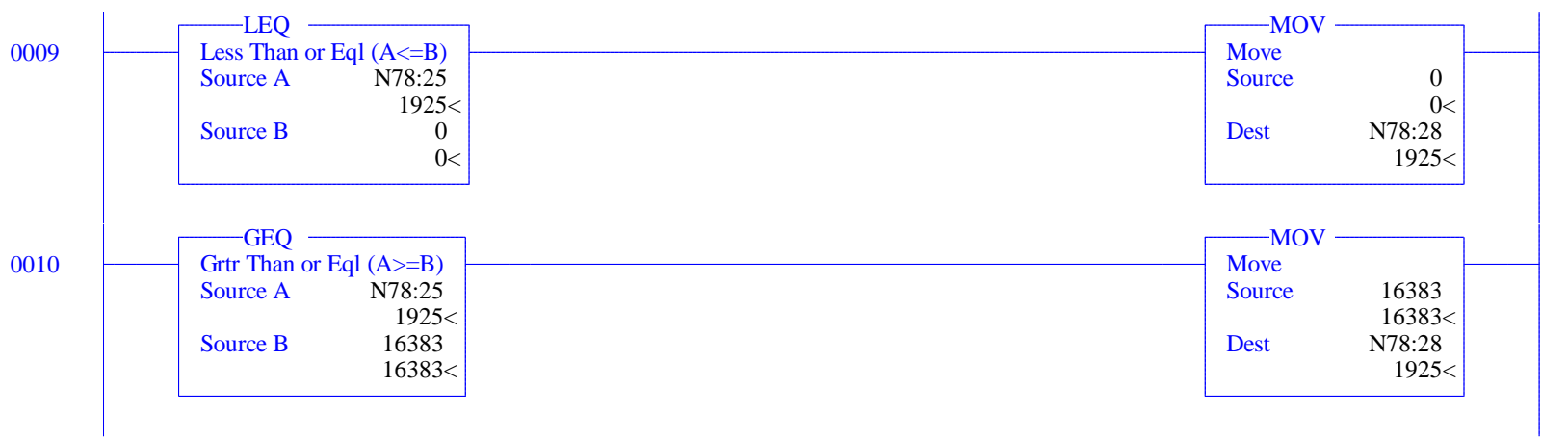
MOV

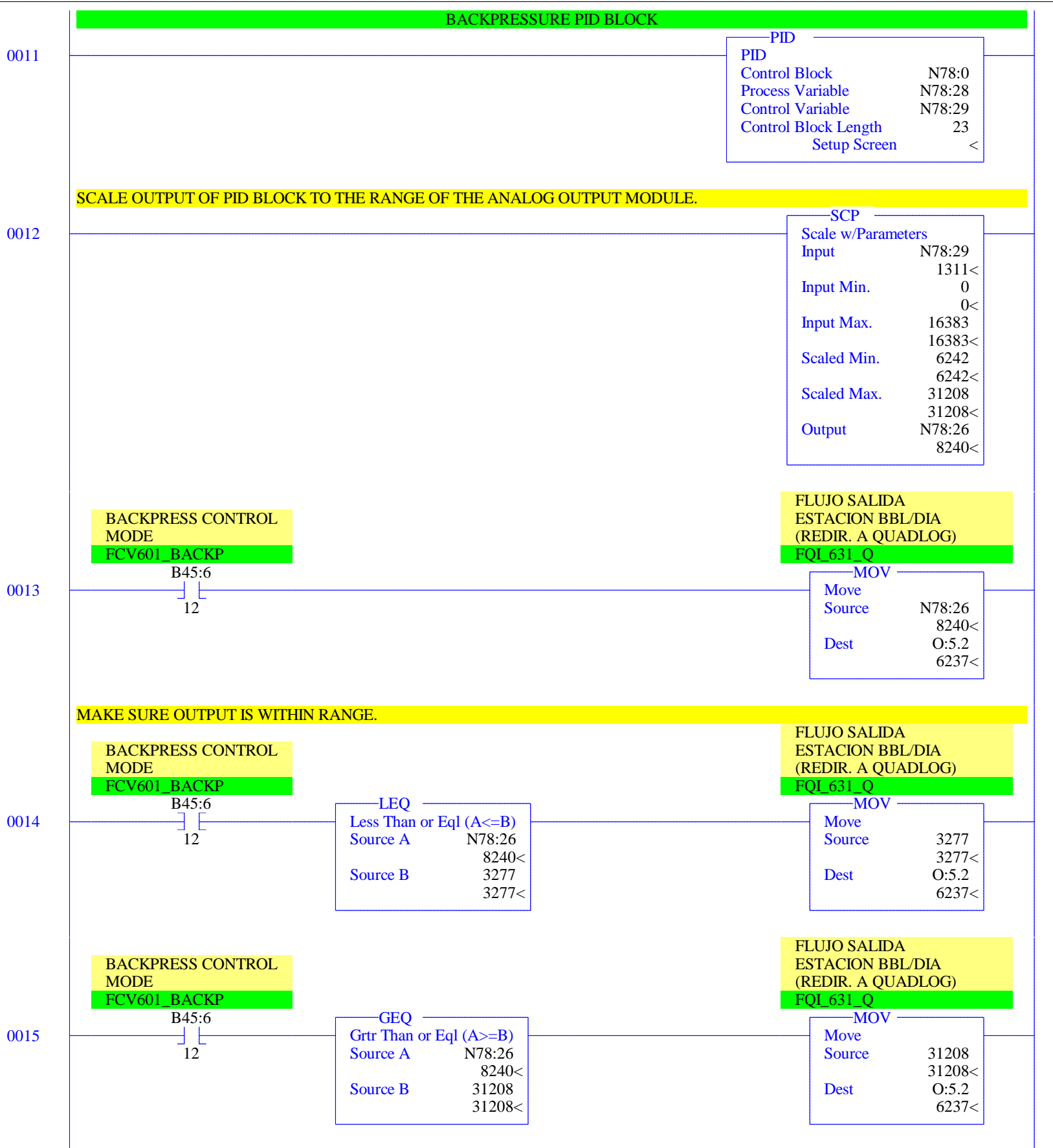
Move	
Source	N77:68 70<
Dest	N77:32 70<

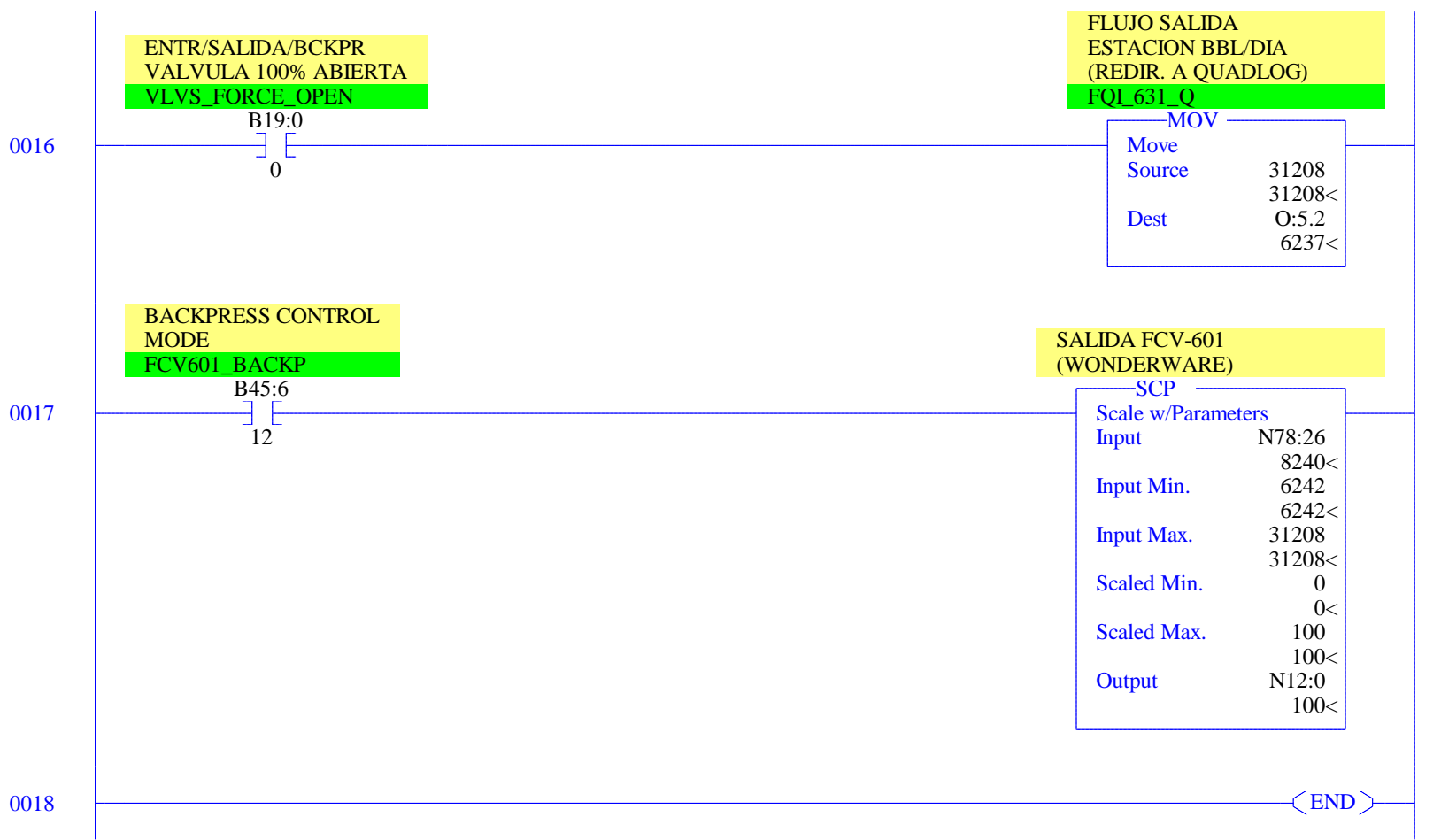










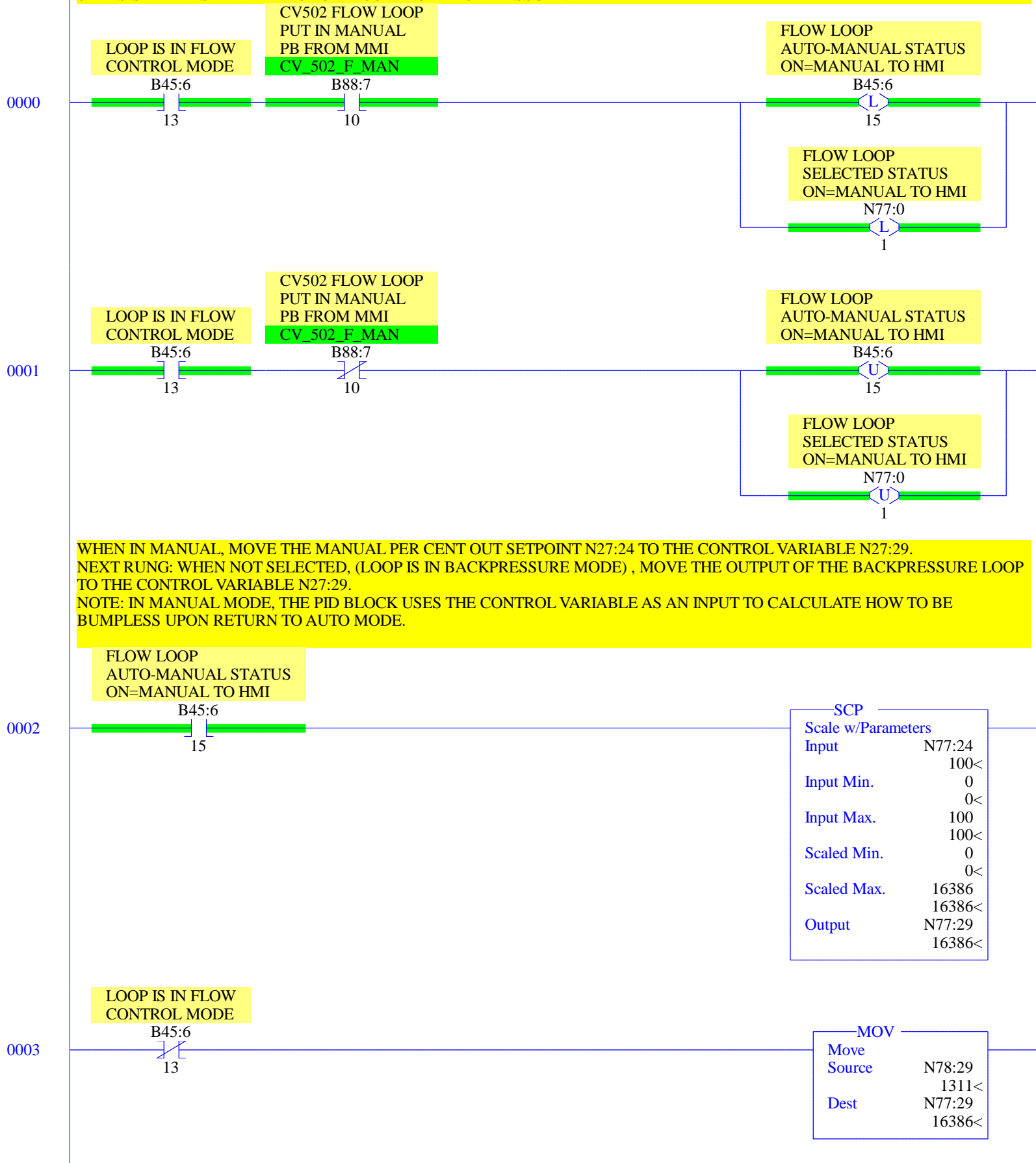


VALVULA REGULADORA FCV-601

LOOP DE CONTROL POR FLUJO

EL LOOP DE CONTROL POR FLUJO NO PUEDE SER PUESTO EN MANUAL

SI EL SISTEMA ESTA EN EL MODO DE CONTROL BACKPRESSURE.



IF LOOP IS NOT IN MANUAL, MOVE THE OUTPUT TO THE MANUAL SET PER CENT OUT SETPOINT, SO THERE WILL NOT BE A BUMP WHEN IT IS PUT INTO MANUAL.

Modificado por Aldrin Añez - Octubre del 2011 de acuerdo al MDC de Angel Rojas, Valvula de Control Falla Abre

Scale Min 100

Scale Max 0

FLOW LOOP

SELECTED STATUS

ON=MANUAL TO HMI

N77:0

1

SCP

Scale w/Parameters

Input	O:5.2
	6237<
Input Min.	6242
	6242<
Input Max.	31208
	31208<
Scaled Min.	100
	100<
Scaled Max.	0
	0<
Output	N77:24
	100<

MAKE SURE SETPOINT IS WITHIN RANGE

FCV601 FLOW LOOP

SETPOINT

ENG UNITS

FCV_601_F_SP

LEQ

Less Than or Eql ($A \leq B$)

Source A	N77:2
	1080<
Source B	N77:8
	0<

FCV601 FLOW LOOP

SETPOINT

ENG UNITS

FCV_601_F_SP

MOV

Move

Source	N77:8
	0<
Dest	N77:2
	1080<

FCV601 FLOW LOOP

SETPOINT

ENG UNITS

FCV_601_F_SP

GEQ

Grtr Than or Eql ($A \geq B$)

Source A	N77:2
	1080<
Source B	N77:7
	1800<

FCV601 FLOW LOOP

SETPOINT

ENG UNITS

FCV_601_F_SP

MOV

Move

Source	N77:7
	1800<
Dest	N77:2
	1080<

SCALE INPUT FLOW TRANSMITTER TO 0-16383 REQUIRED FOR INPUT TO PID BLOCK
FROM SMIN N27:8 TO SMAX N27:7.
THEN MAKE SURE INPUT IS WITHIN RANGE.

SCP

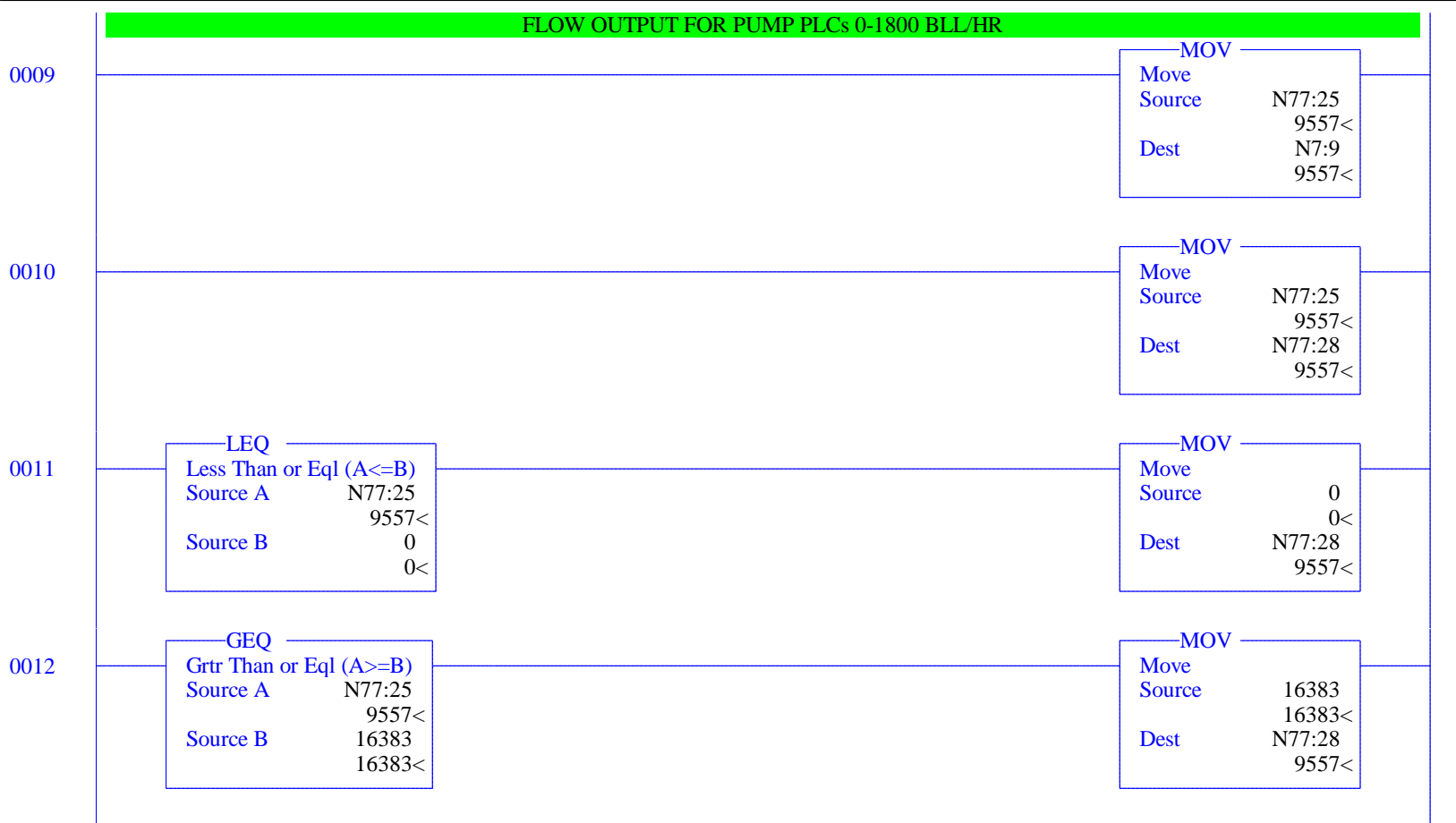
Scale w/Parameters

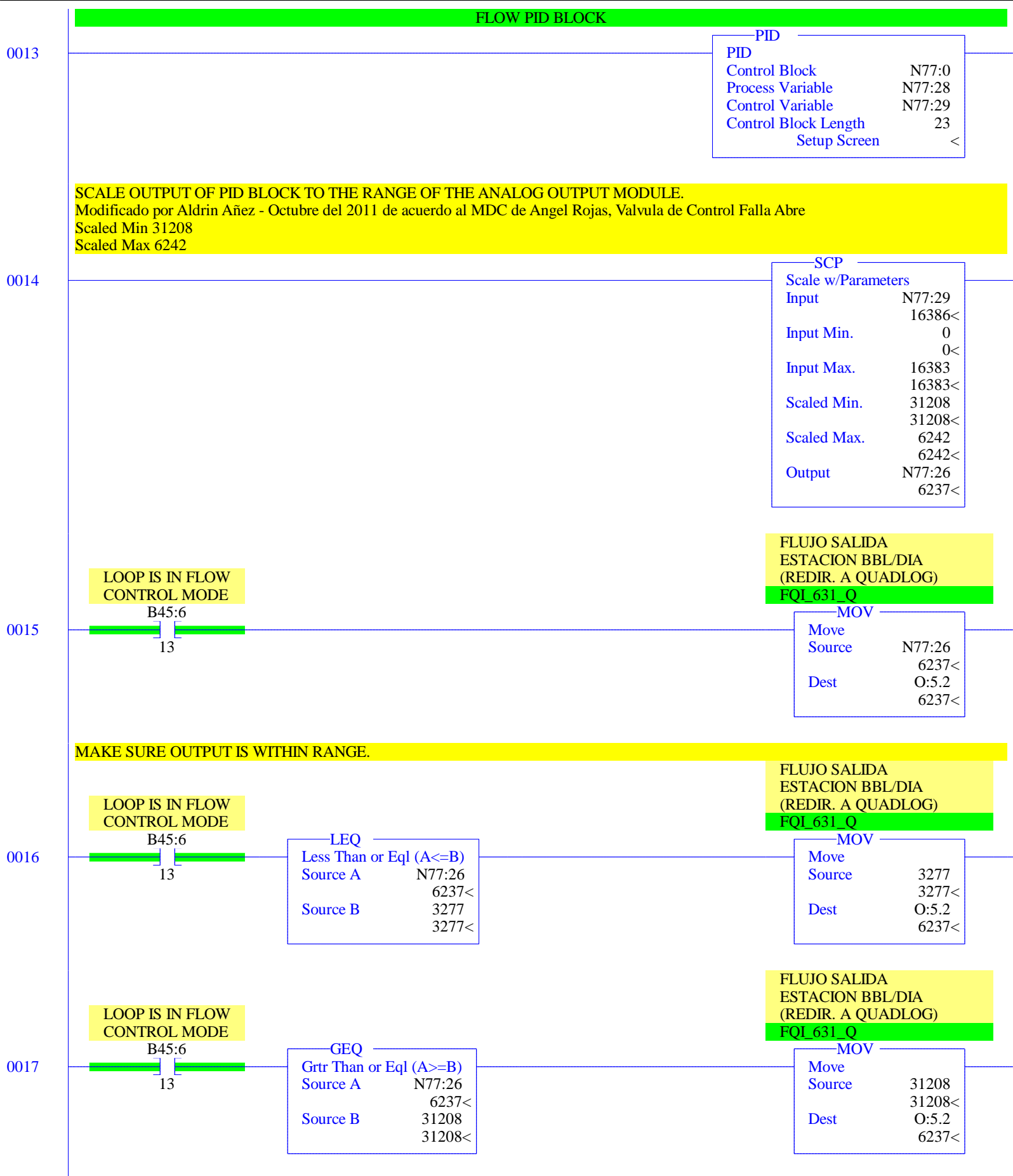
Input	N77:5
	1050<
Input Min.	N77:8
	0<
Input Max.	N77:7
	1800<
Scaled Min.	0
	0<
Scaled Max.	16383
	16383<
Output	N77:25
	9557<

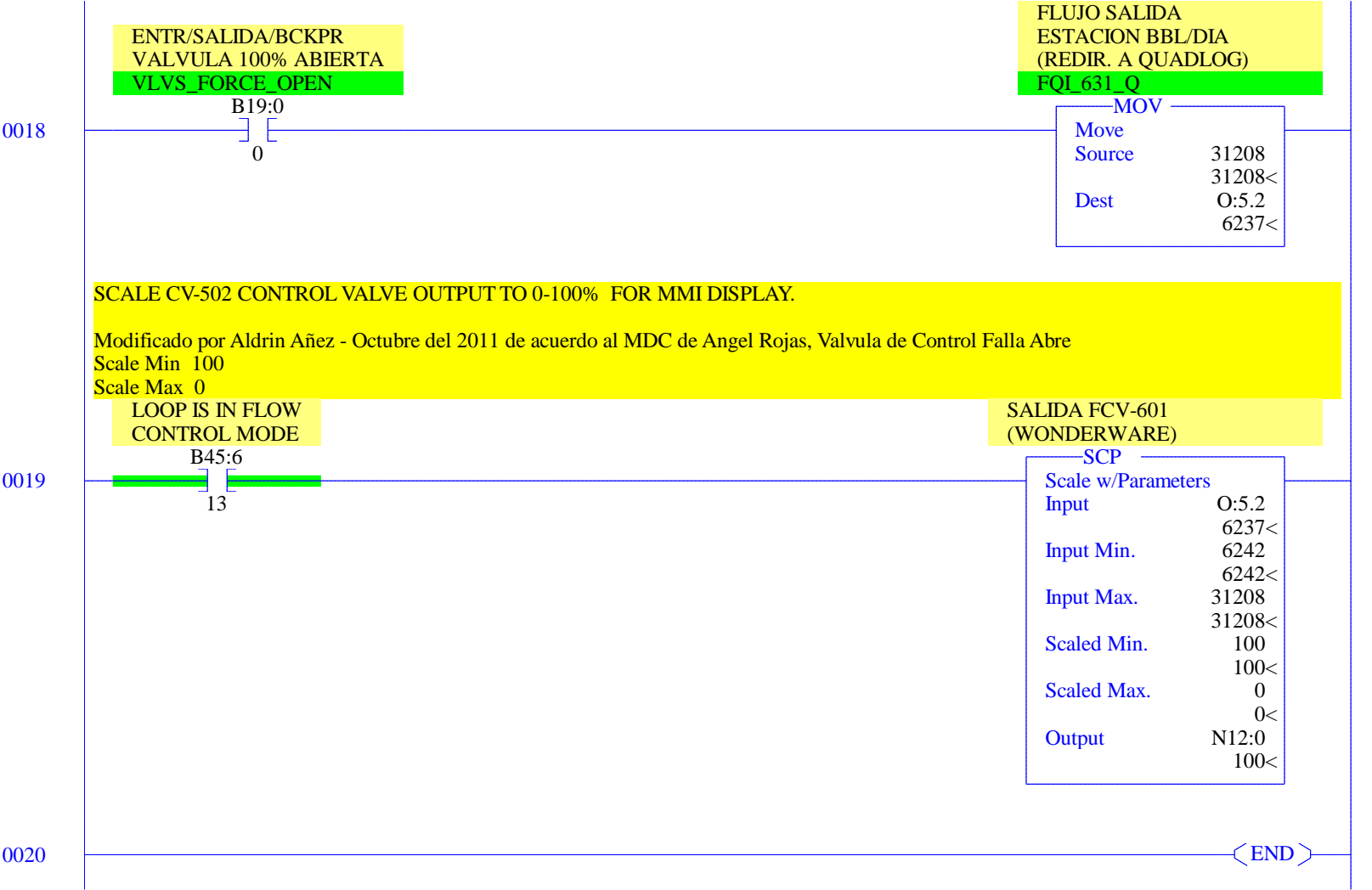
0008

CAUDAL FQI-631
BARRILES-HORA

MOV	
Move	
Source	N9:10
	1050<
Dest	N7:5
	1050<

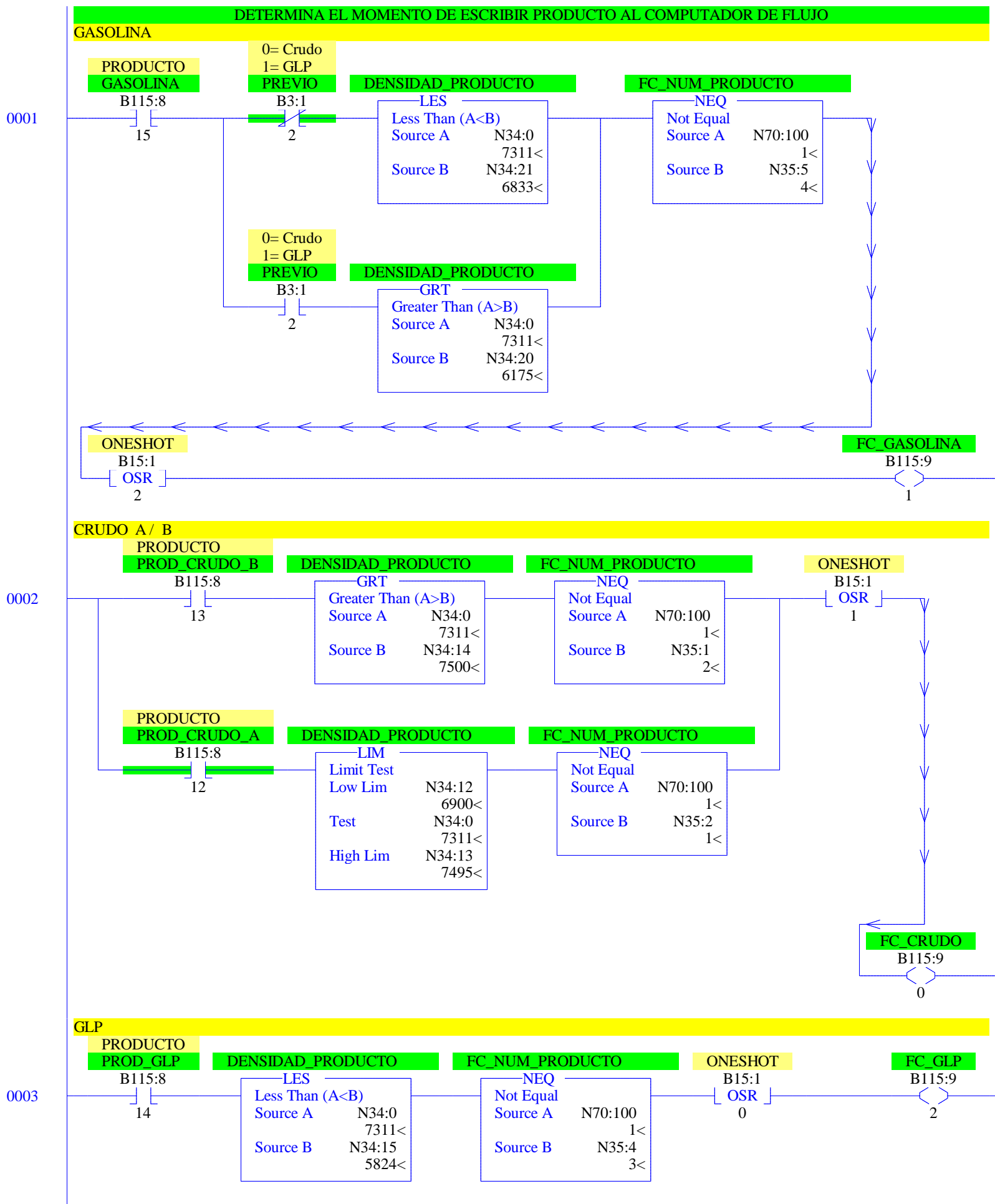


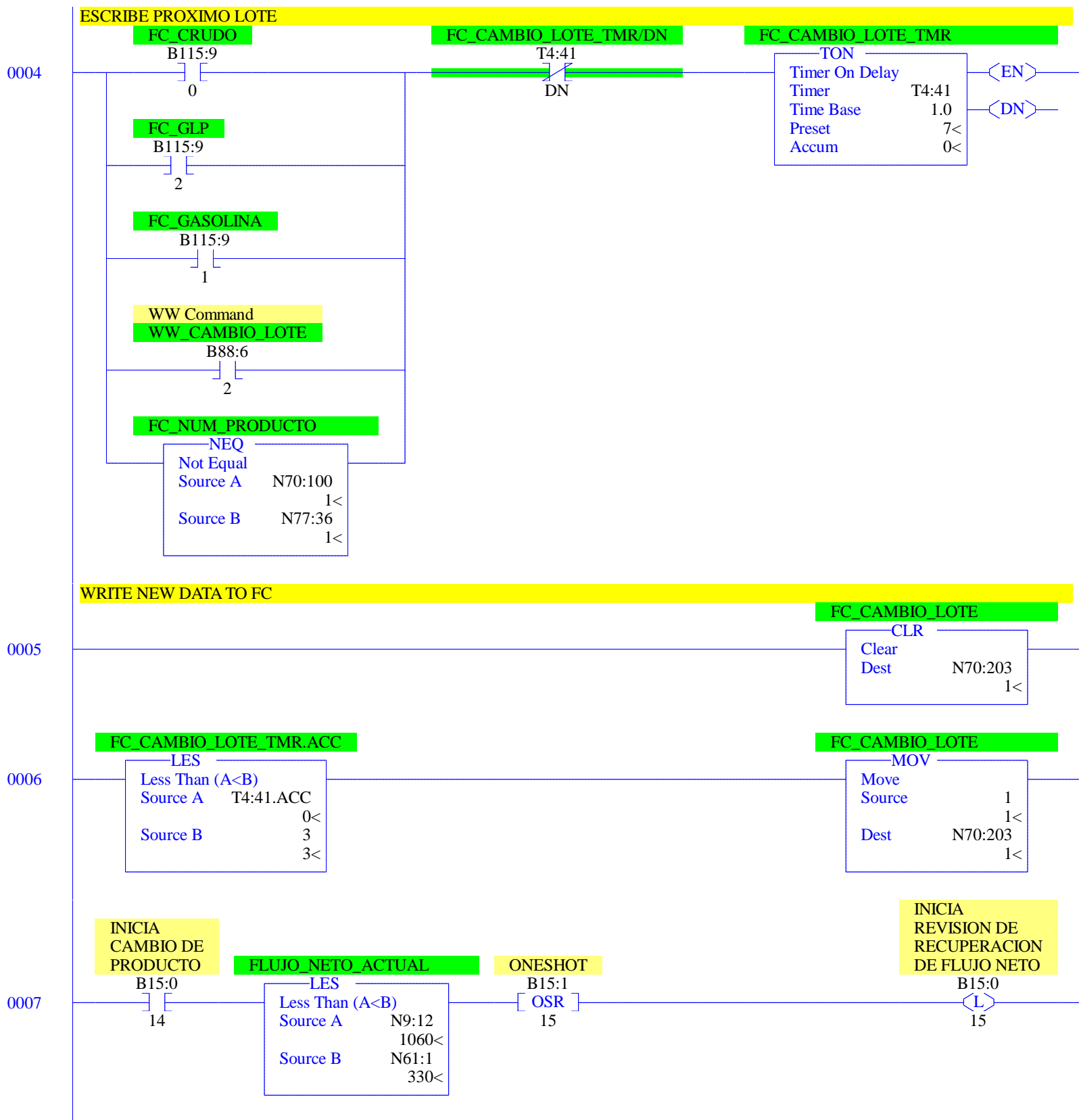


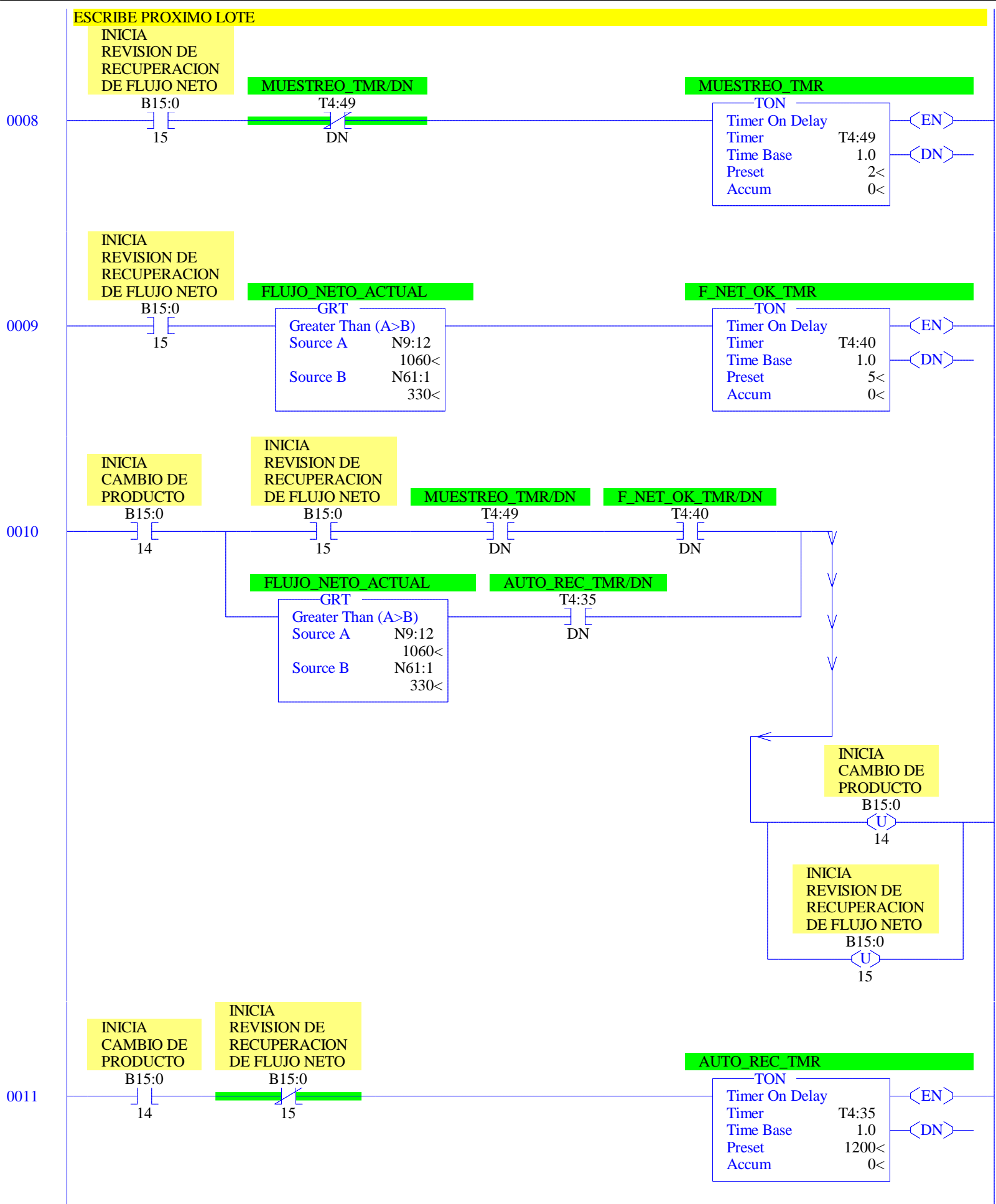


0000

DETERMINA EL MOMENTO DE ESCRIBIR PRODUCTO AL COMPUTADOR DE FLUJO	
GASOLINA	
NUM_PRODUCTO	
MOV	
Move	N70:202
Source	1<
Dest	N77:36
	1<

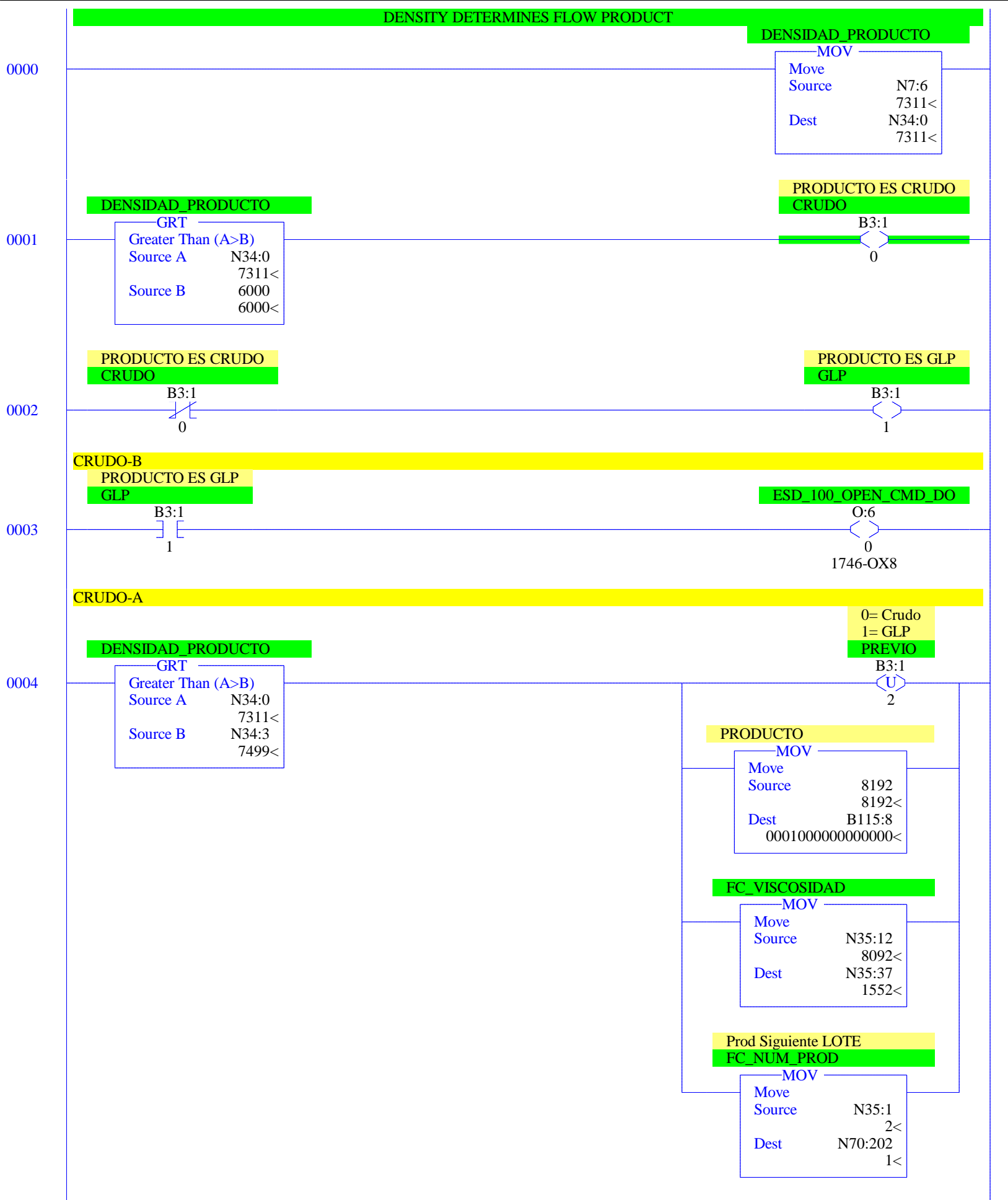




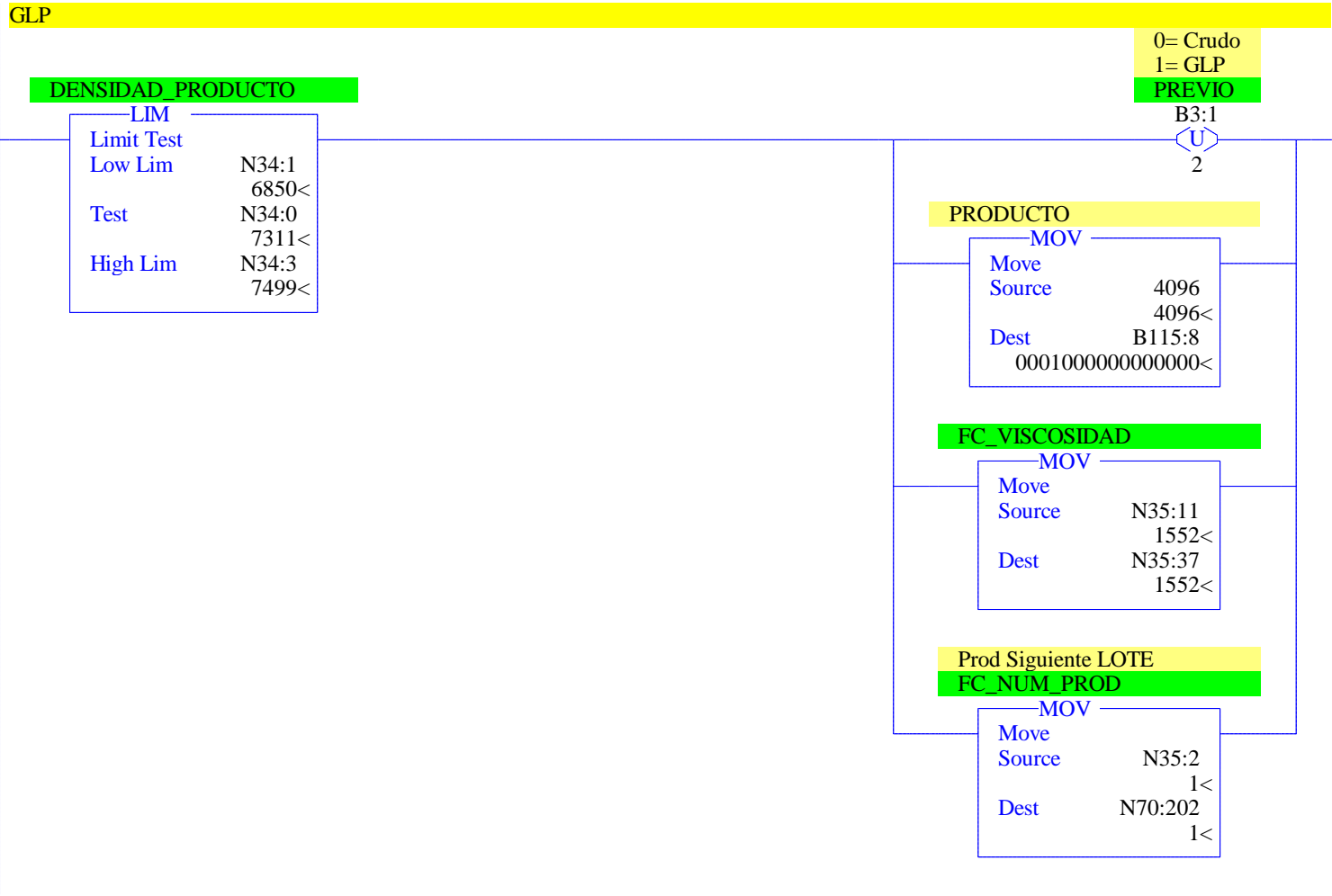


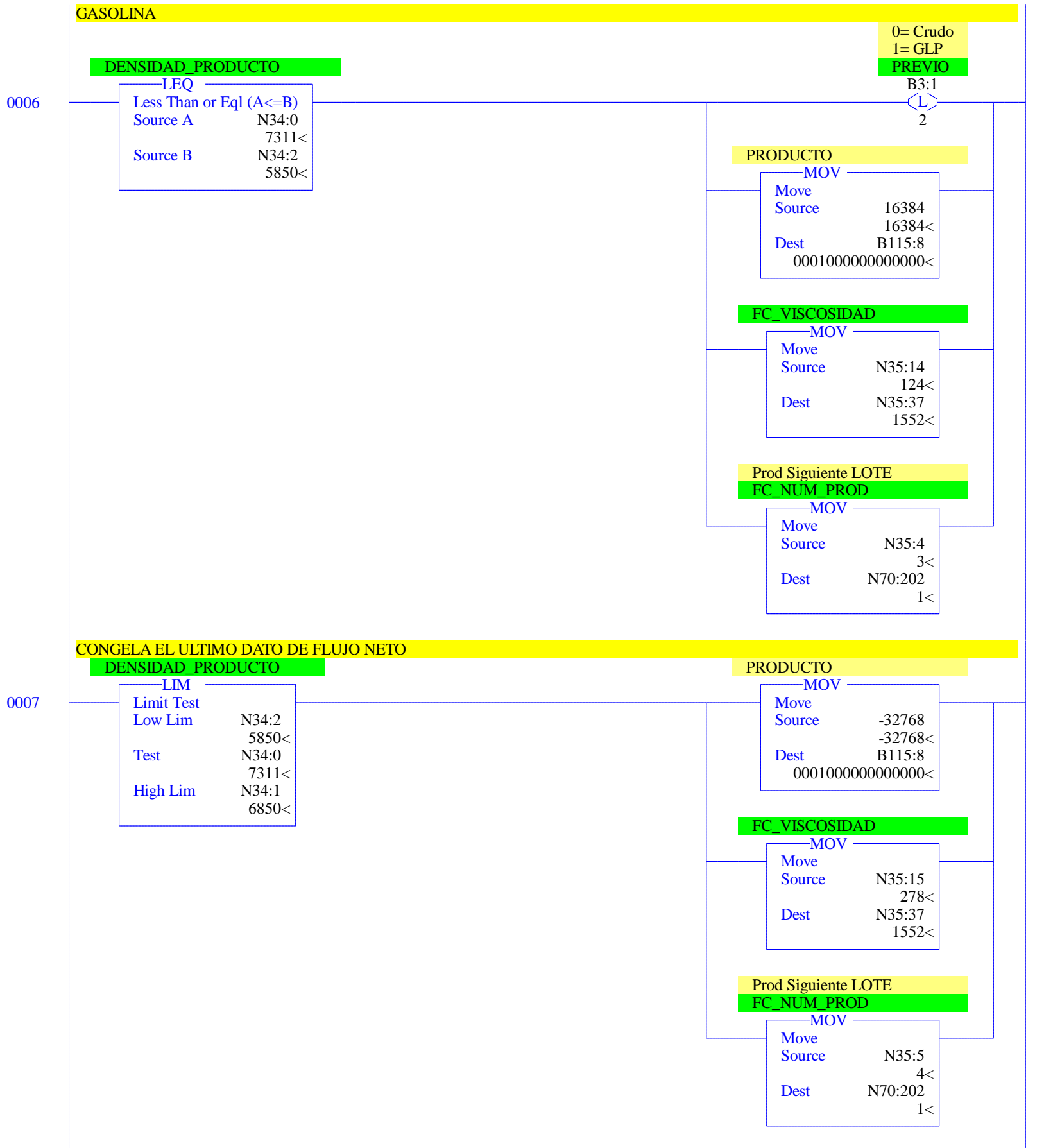
0012

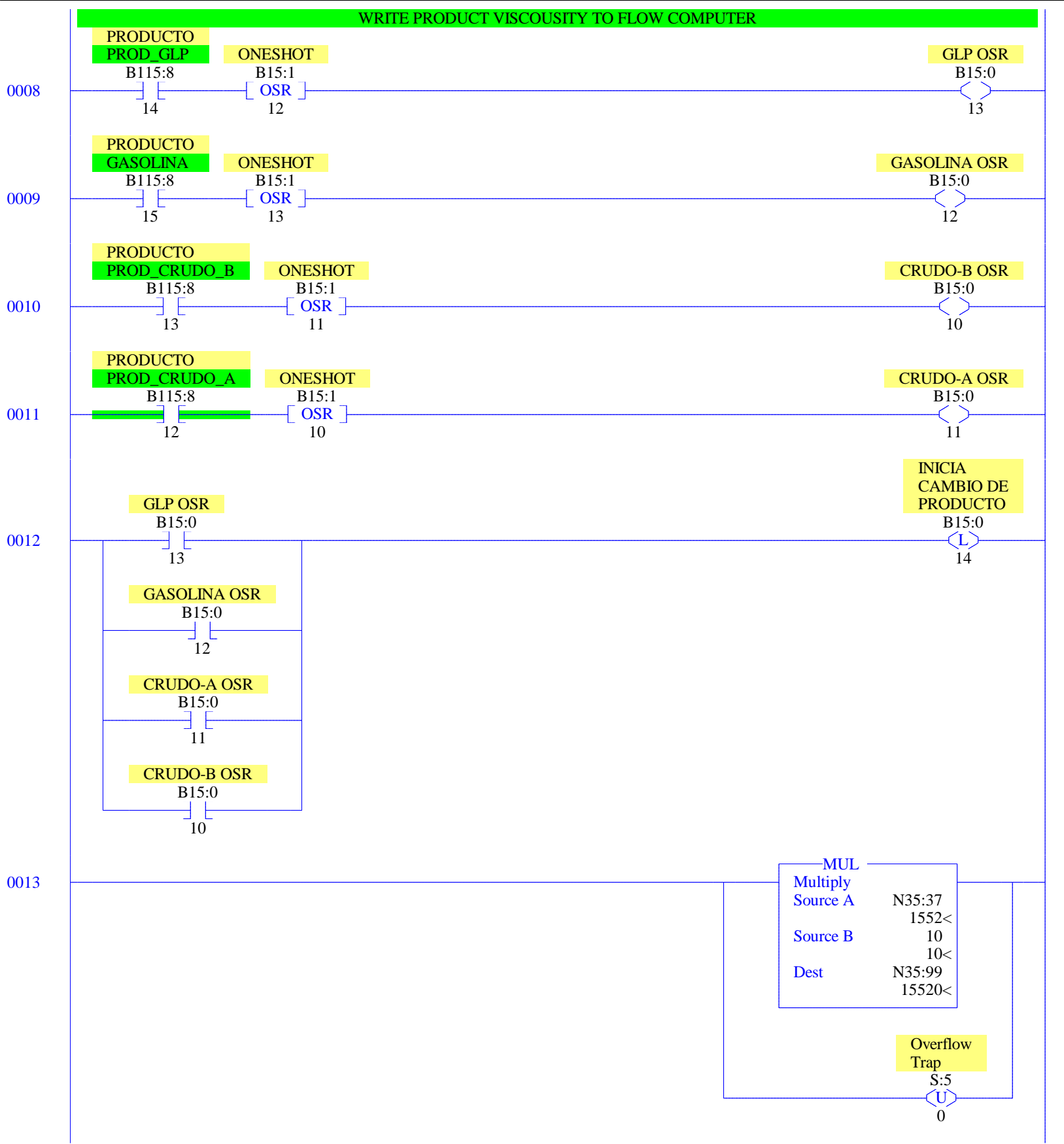
<END>

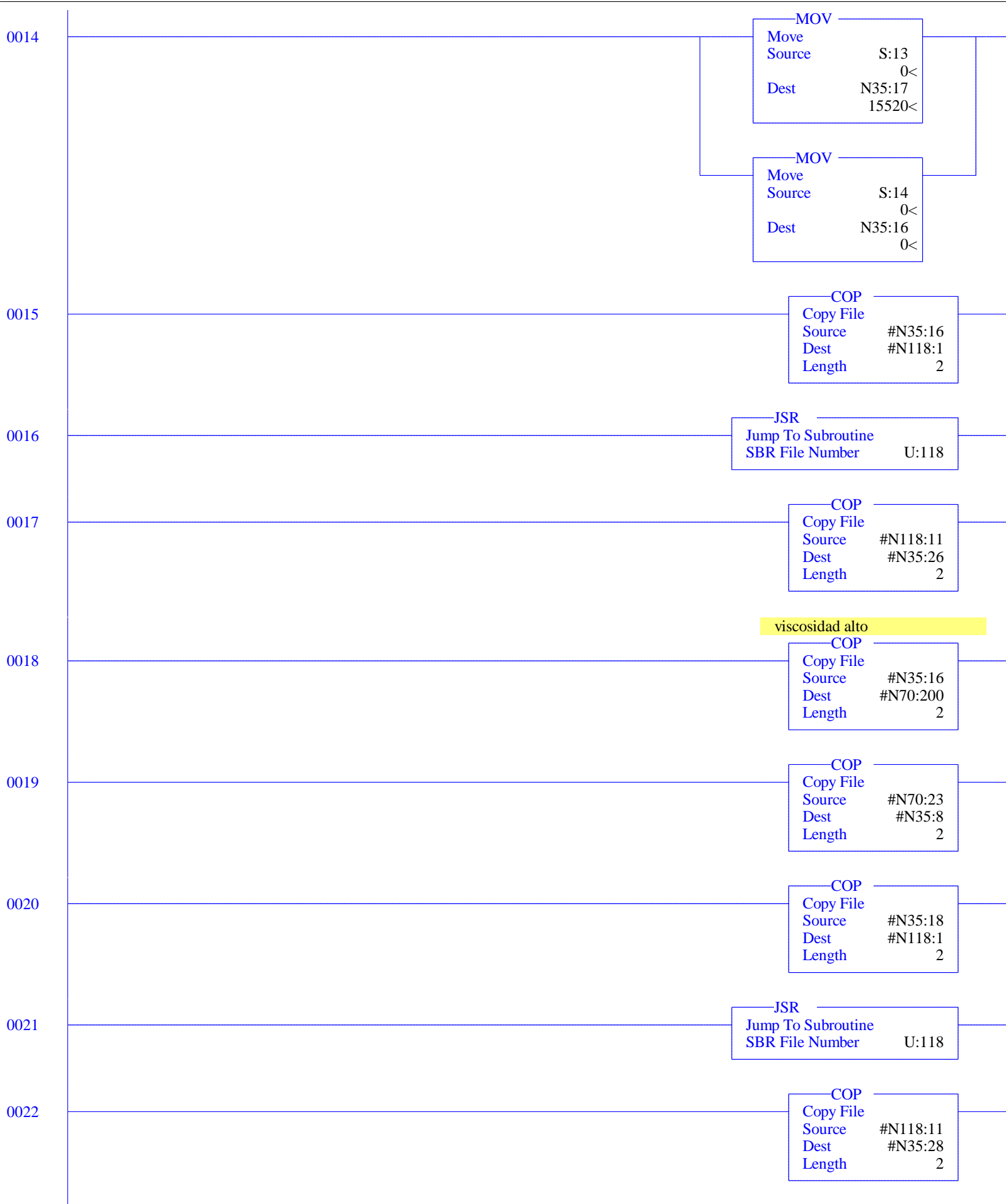


0005



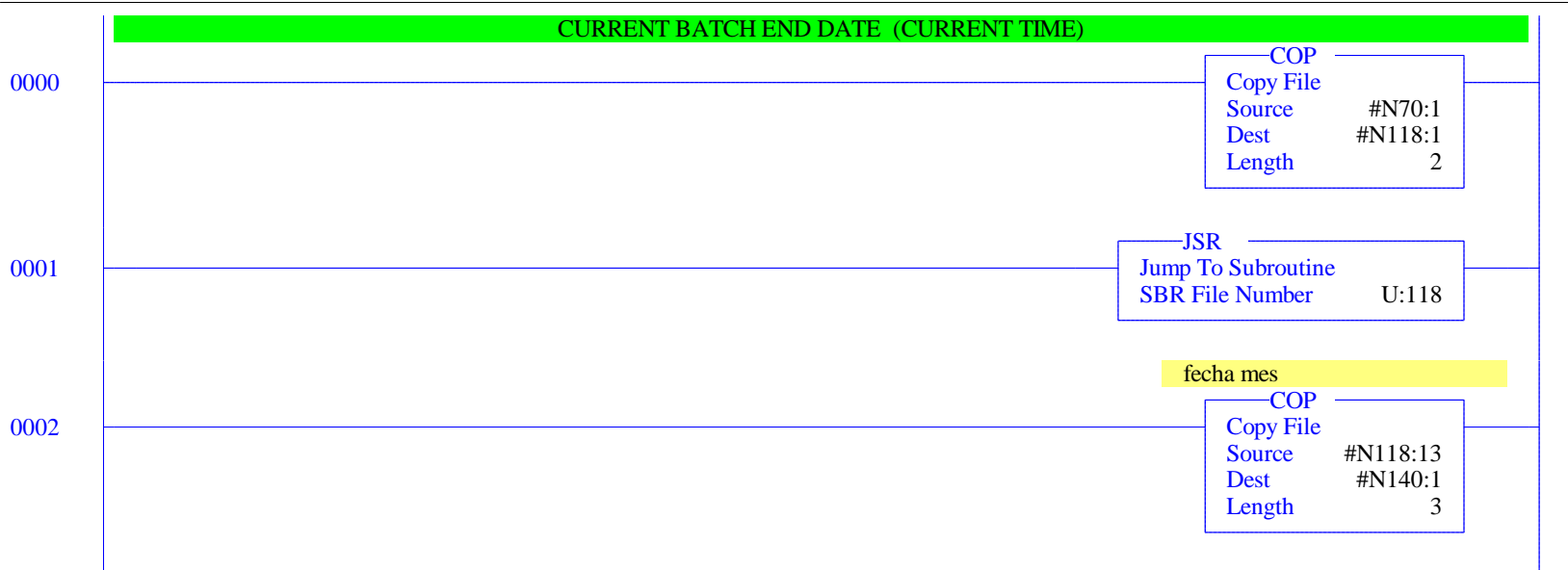






0023

<END>



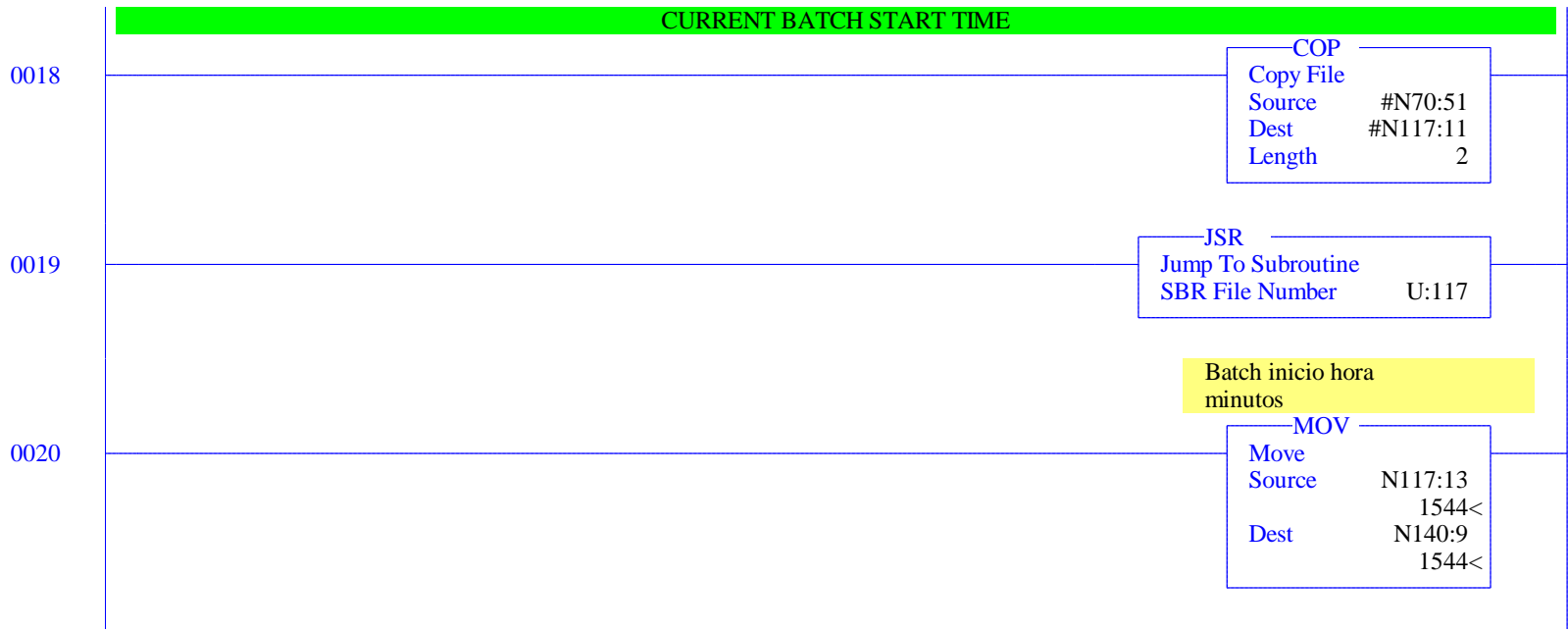
	PREV BATCH END DATE	
0003		<div><div>COP</div><div>Copy File</div><div>Source #N70:33</div><div>Dest #N118:1</div><div>Length 2</div></div>
0004		<div><div>JSR</div><div>Jump To Subroutine</div><div>SBR File Number U:118</div></div>
0005		<div><div>COP</div><div>Copy File</div><div>Source #N118:13</div><div>Dest #N141:1</div><div>Length 3</div></div>

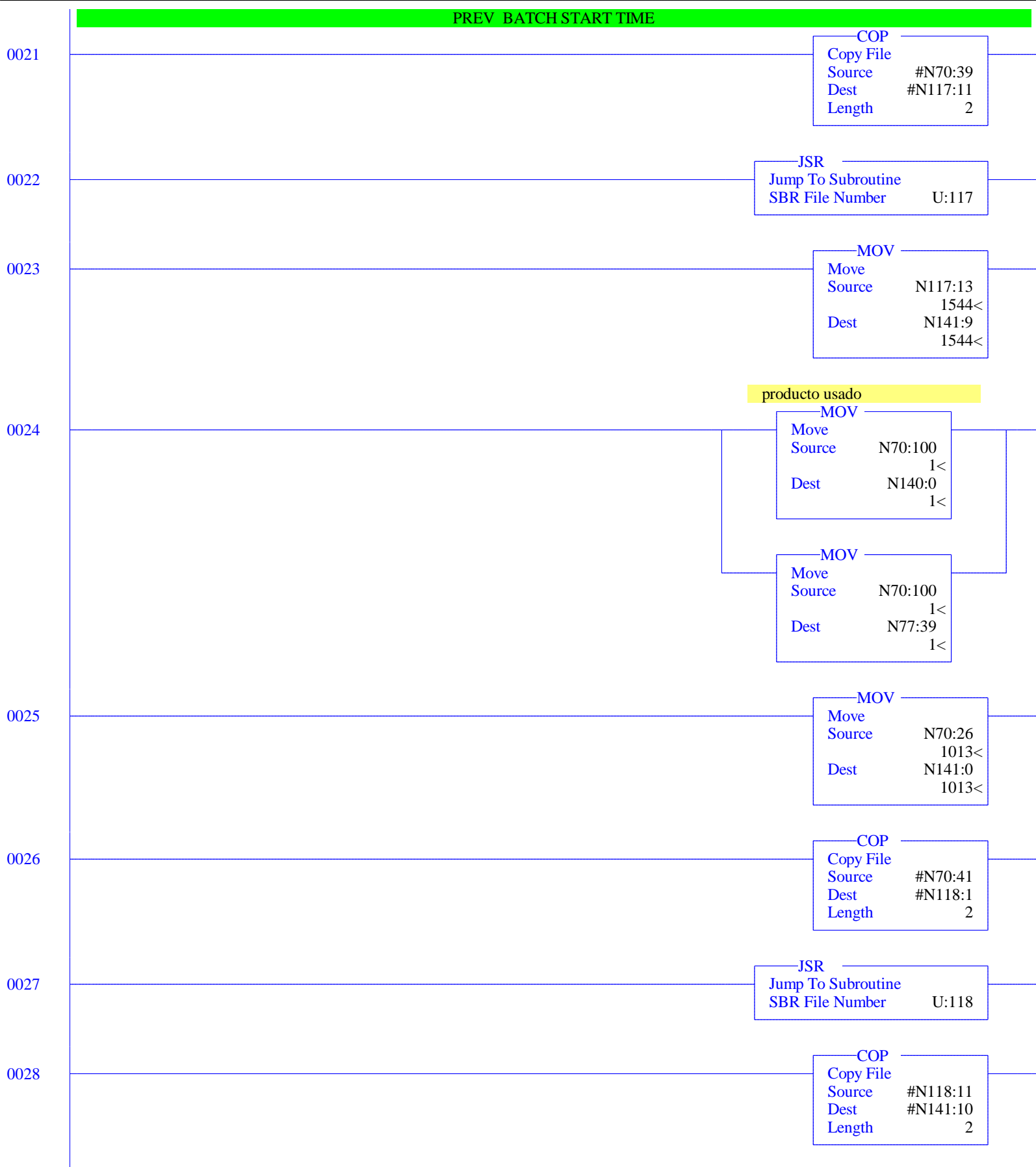
	CURRENT BATCH END TIME (CURRENT TIME)	
0006		<div><div>COP</div><div>Copy File</div><div>Source#N70:3</div><div>Dest#N117:11</div><div>Length2</div></div>
0007		<div><div>JSR</div><div>Jump To Subroutine</div><div>SBR File NumberU:117</div></div>
0008		<div>hora minutos</div> <div><div>MOV</div><div>Move</div><div>SourceN117:131544<</div><div>DestN140:41544<</div></div>

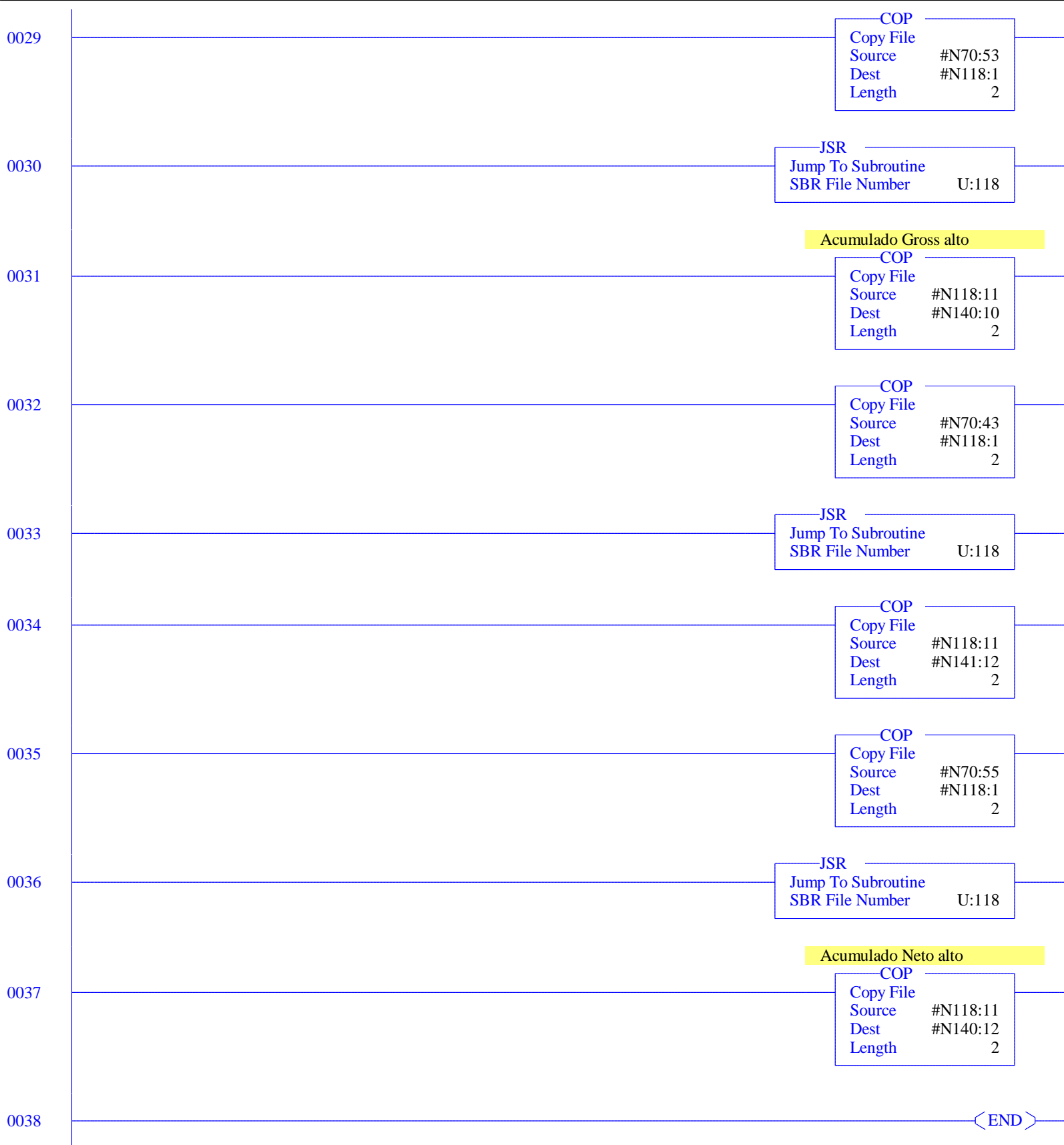
	PREV BATCH END TIME	
0009		<div><div>COP</div><div>Copy File</div><div>Source #N70:35</div><div>Dest #N117:11</div><div>Length 2</div></div>
0010		<div><div>JSR</div><div>Jump To Subroutine</div><div>SBR File Number U:117</div></div>
0011		<div><div>MOV</div><div>Move</div><div>Source N117:13</div><div> 1544<</div><div>Dest N141:4</div><div> 1544<</div></div>

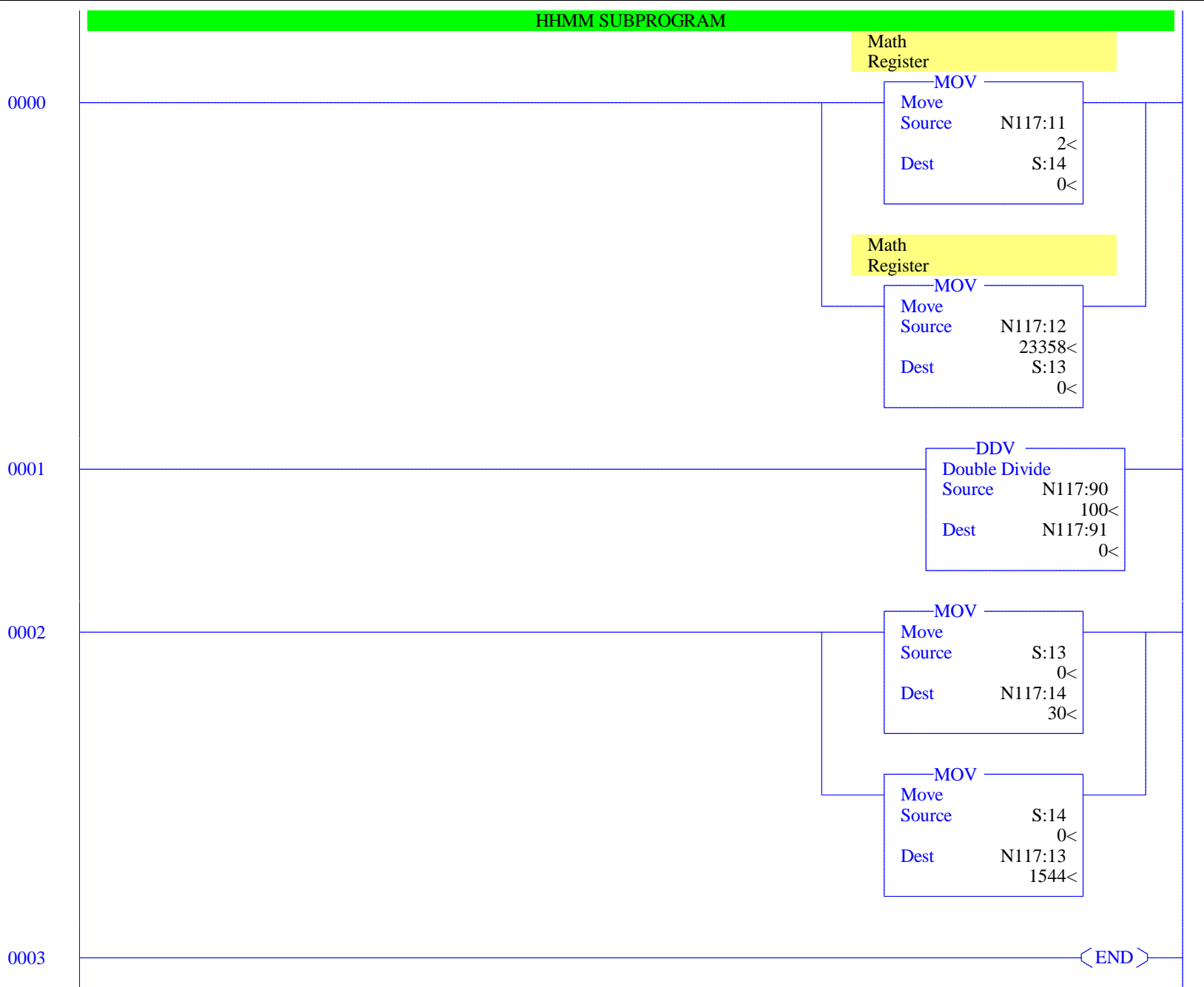
	CURRENT BATCH START DATE	
0012		<div><div>COP</div><div>Copy File</div><div>Source #N70:49</div><div>Dest #N118:1</div><div>Length 2</div></div>
0013		<div><div>JSR</div><div>Jump To Subroutine</div><div>SBR File Number U:118</div></div>
		<div>Batch inicio fecha</div> <div>mes</div>
0014		<div><div>COP</div><div>Copy File</div><div>Source #N118:13</div><div>Dest #N140:6</div><div>Length 3</div></div>

	PREV BATCH START DATE	
0015		<div><div>COP</div><div>Copy File</div><div>Source #N70:37</div><div>Dest #N118:1</div><div>Length 2</div></div>
0016		<div><div>JSR</div><div>Jump To Subroutine</div><div>SBR File Number U:118</div></div>
0017		<div><div>COP</div><div>Copy File</div><div>Source #N118:13</div><div>Dest #N141:6</div><div>Length 3</div></div>



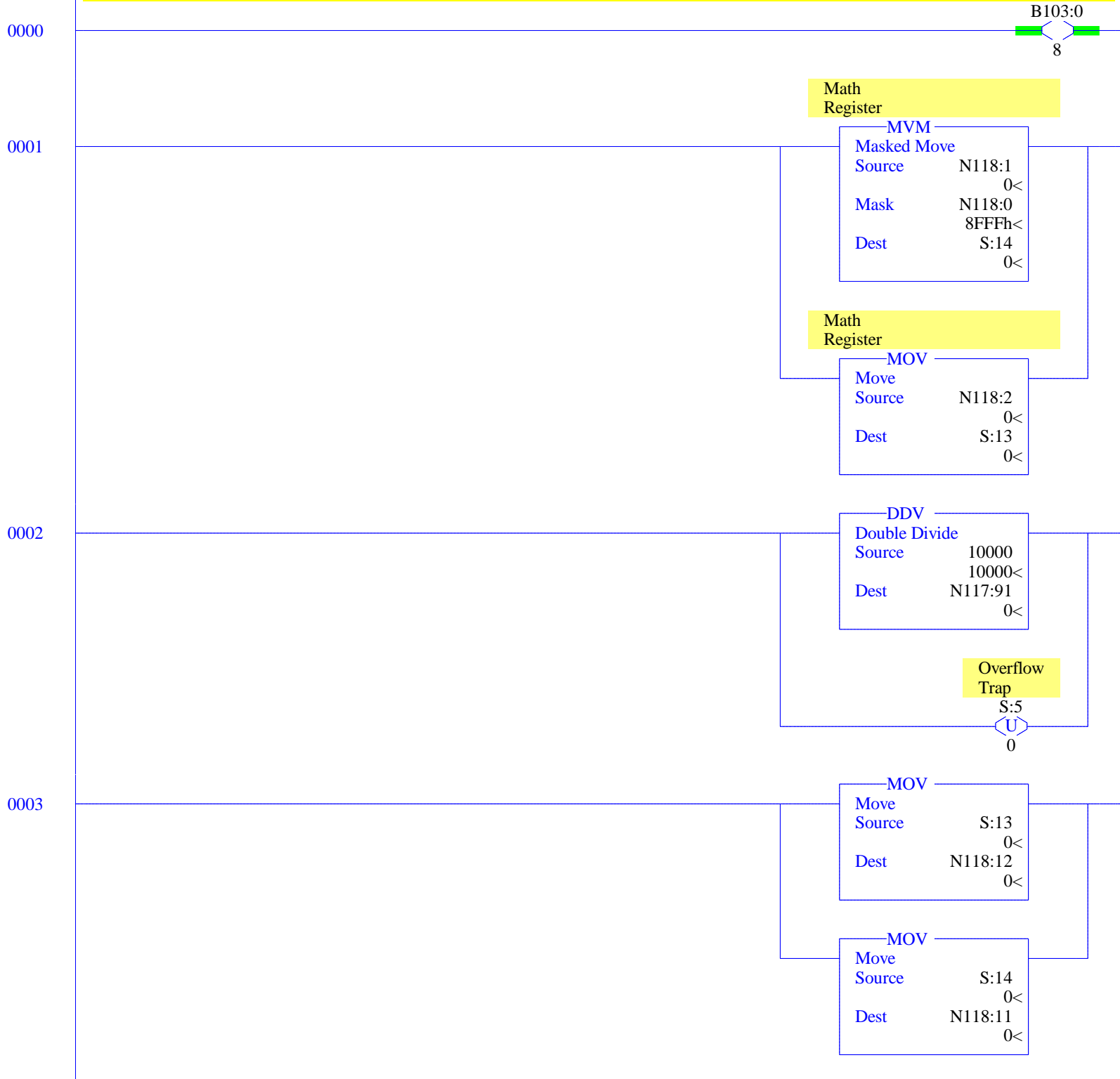






EXAMPLE OF HOW TO DEAL WITH 32 BIT INTEGERS FROM FLOW COMPUTER

PLC CAN ONLY HANDLE NUMBERS BETWEEN PLUS OR MINUS 268 MILLION, A REASONABLE LIMITATION.
 LARGER NUMBERS ARE MASKED OUT TO PREVENT PROCESSOR FROM CRASHING.
 WORD N118:01 HAS THE MOST SIGNIFICANT WORD FROM THE FLOW COMPUTER.
 WORD N118:02 HAS THE LEAST SIGNIFICANT
 RESULTS:
 WORD N118:12 HAS THE LAST 4 DIGITS.
 WORD N118:11 HAS THE FIRST 5 DIGITS.
 WORD F8:2 ALSO HAS THE SAME DATA, BUT AS A FLOATING POINT NUMBER.



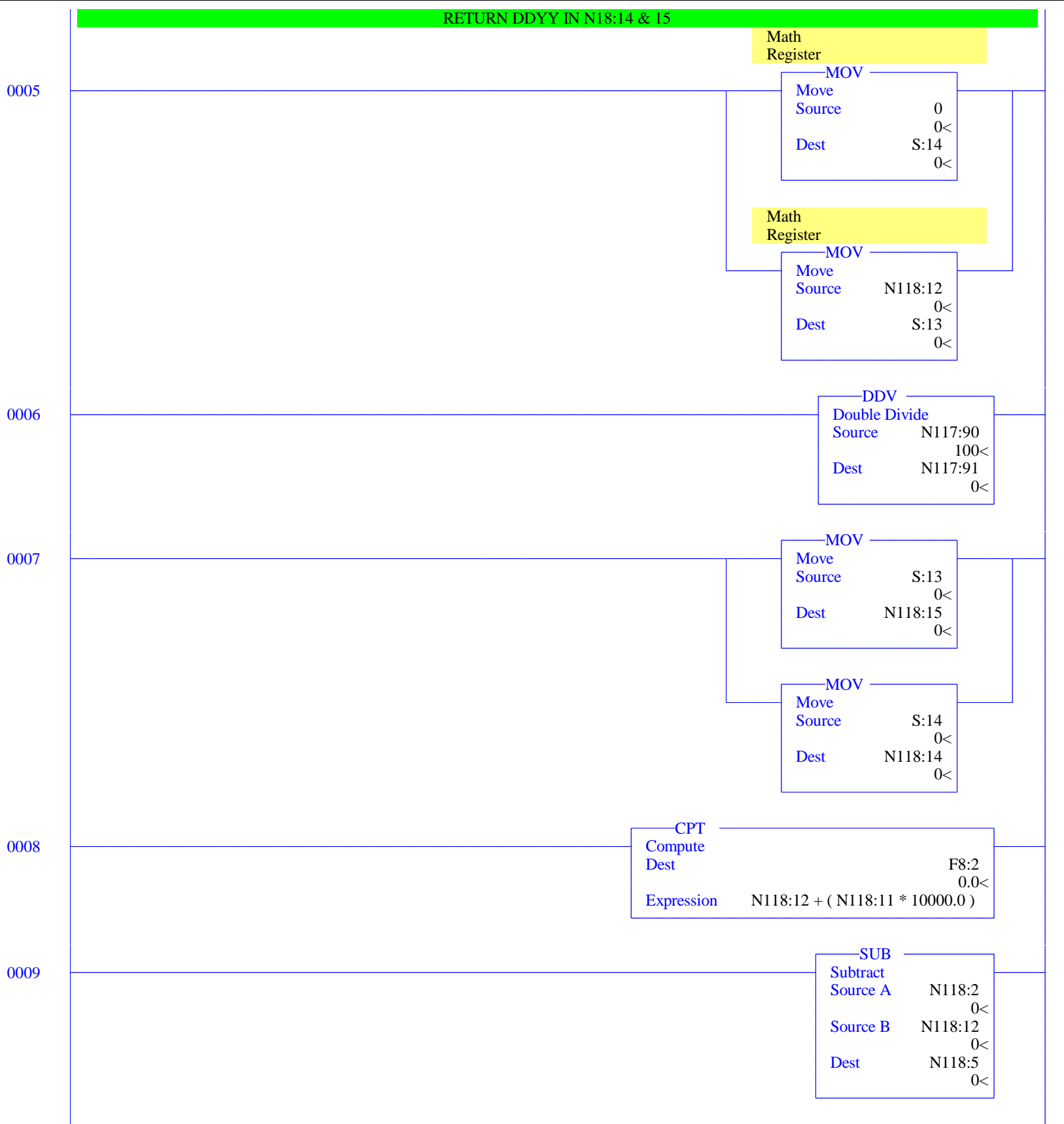
0004

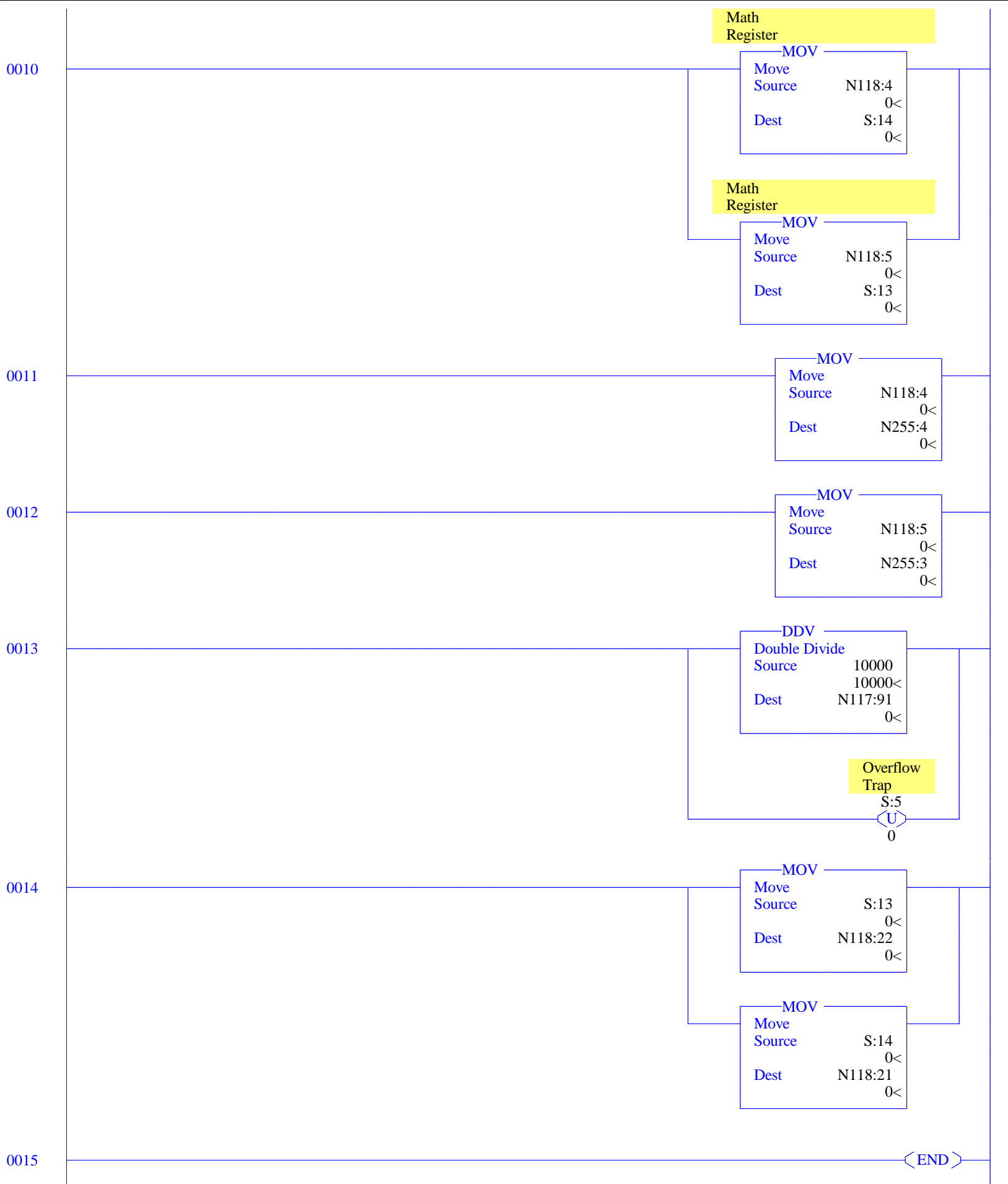
MOV

Move

Source N118:11
 0<

Dest N118:13
 0<





Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	
O:1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-BAS-5/02 - BASIC Module - M0/M1 capabl
O:1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-BAS-5/02 - BASIC Module - M0/M1 capabl
O:1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-BAS-5/02 - BASIC Module - M0/M1 capabl
O:1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-BAS-5/02 - BASIC Module - M0/M1 capabl
O:1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-BAS-5/02 - BASIC Module - M0/M1 capabl
O:1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-BAS-5/02 - BASIC Module - M0/M1 capabl
O:1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-BAS-5/02 - BASIC Module - M0/M1 capabl
O:1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-BAS-5/02 - BASIC Module - M0/M1 capabl
O:3.0	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.1	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.2	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.3	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.4	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.5	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.6	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.7	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.8	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.9	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.10	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.11	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.12	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.13	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.14	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.15	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:3.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
O:4.0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	1	0	1746-NO4I - Analog 4 Ch. Current Output
O:4.1	0	0	0	1	1	0	0	0	0	1	1	0	0	0	1	0	1746-NO4I - Analog 4 Ch. Current Output
O:4.2	0	1	0	1	1	1	1	1	1	0	0	0	0	1	0	1	1746-NO4I - Analog 4 Ch. Current Output
O:4.3	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	0	1746-NO4I - Analog 4 Ch. Current Output
O:5.0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	1	0	1746-NO4I - Analog 4 Ch. Current Output
O:5.1	0	0	0	1	1	0	0	0	0	1	1	0	0	0	1	0	1746-NO4I - Analog 4 Ch. Current Output
O:5.2	0	0	0	1	1	0	0	0	0	1	0	1	1	1	0	1	1746-NO4I - Analog 4 Ch. Current Output
O:5.3	0	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1746-NO4I - Analog 4 Ch. Current Output
O:6.0										0	1	1	0	0	0	0	1746-OX8 - 8-Output Isolated Relay
O:7.0										0	0	0	0	0	0	0	1746-OX8 - 8-Output Isolated Relay
O:8.0										0	0	0	0	0	0	0	1746-OX8 - 8-Output Isolated Relay
O:9.0										0	0	0	1	0	0	0	1746-OX8 - 8-Output Isolated Relay
O:10.0										0	0	0	0	0	0	0	1746-OX8 - 8-Output Isolated Relay

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	
I:1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1746-BAS-5/02 - BASIC Module - M0/M1 capabl
I:1.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-BAS-5/02 - BASIC Module - M0/M1 capabl
I:1.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-BAS-5/02 - BASIC Module - M0/M1 capabl
I:1.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-BAS-5/02 - BASIC Module - M0/M1 capabl
I:1.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-BAS-5/02 - BASIC Module - M0/M1 capabl
I:1.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-BAS-5/02 - BASIC Module - M0/M1 capabl
I:1.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-BAS-5/02 - BASIC Module - M0/M1 capabl
I:1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-BAS-5/02 - BASIC Module - M0/M1 capabl
I:2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1746-IB16 - 16-Input (SINK) 24 VDC
I:3.0	0	0	0	0	1	0	1	1	1	0	1	1	1	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
I:3.1	0	0	0	1	0	1	1	0	1	1	1	1	1	0	1	0	1746-NI16I - Analog 16 Ch. Current Input -
I:3.2	0	0	1	0	1	0	1	0	0	0	0	1	1	0	0	1	1746-NI16I - Analog 16 Ch. Current Input -
I:3.3	0	0	0	0	1	0	1	1	1	0	1	1	1	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
I:3.4	0	0	0	0	1	1	1	1	1	0	1	1	0	1	1	1	1746-NI16I - Analog 16 Ch. Current Input -
I:3.5	0	0	0	0	1	1	1	1	1	0	1	1	1	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
I:3.6	0	0	1	0	0	0	0	0	1	1	1	0	1	1	1	0	1746-NI16I - Analog 16 Ch. Current Input -
I:3.7	0	0	1	0	0	1	1	0	1	1	1	1	1	1	0	1	1746-NI16I - Analog 16 Ch. Current Input -
I:3.8	0	0	0	0	1	1	1	1	1	0	1	0	0	0	0	1	1746-NI16I - Analog 16 Ch. Current Input -
I:3.9	0	0	0	0	1	0	1	1	1	0	1	1	1	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
I:3.10	0	0	0	0	1	1	1	1	1	0	1	0	0	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
I:3.11	0	0	1	0	0	1	1	0	1	0	1	1	0	1	0	0	1746-NI16I - Analog 16 Ch. Current Input -
I:3.12	0	0	1	1	1	1	0	0	0	1	1	0	1	1	1	1	1746-NI16I - Analog 16 Ch. Current Input -
I:3.13	0	0	0	1	0	1	0	1	1	0	0	1	0	1	0	1	1746-NI16I - Analog 16 Ch. Current Input -
I:3.14	0	0	1	1	0	1	1	0	1	0	0	1	1	1	1	0	1746-NI16I - Analog 16 Ch. Current Input -
I:3.15	0	0	0	0	1	0	1	1	1	0	1	1	1	0	0	0	1746-NI16I - Analog 16 Ch. Current Input -
I:3.16	1	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	1746-NI16I - Analog 16 Ch. Current Input -
I:3.17	1	1	1	0	1	1	0	0	0	0	0	0	0	1	0	0	1746-NI16I - Analog 16 Ch. Current Input -
I:3.18	1	1	1	0	1	1	0	0	0	0	0	0	0	1	0	0	1746-NI16I - Analog 16 Ch. Current Input -
I:3.19	1	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	1746-NI16I - Analog 16 Ch. Current Input -
I:3.20	1	1	1	0	1	1	0	0	0	0	0	0	0	1	0	0	1746-NI16I - Analog 16 Ch. Current Input -
I:3.21	1	1	1	0	1	1	0	0	0	0	0	0	0	1	0	0	1746-NI16I - Analog 16 Ch. Current Input -
I:3.22	1	1	1	0	1	1	0	0	0	0	0	0	0	1	0	0	1746-NI16I - Analog 16 Ch. Current Input -
I:3.23	1	1	1	0	1	1	0	0	0	0	0	0	0	1	0	0	1746-NI16I - Analog 16 Ch. Current Input -
I:3.24	1	1	1	0	1	1	0	0	0	0	0	0	0	1	0	0	1746-NI16I - Analog 16 Ch. Current Input -
I:3.25	1	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	1746-NI16I - Analog 16 Ch. Current Input -
I:3.26	1	1	1	0	1	1	0	0	0	0	0	0	0	1	0	0	1746-NI16I - Analog 16 Ch. Current Input -
I:3.27	1	1	1	0	1	1	0	0	0	0	0	0	0	1	0	0	1746-NI16I - Analog 16 Ch. Current Input -
I:3.28	1	1	1	0	1	1	0	0	0	0	0	0	0	1	0	0	1746-NI16I - Analog 16 Ch. Current Input -
I:3.29	1	1	1	0	1	1	0	0	0	0	0	0	0	1	0	0	1746-NI16I - Analog 16 Ch. Current Input -
I:3.30	1	1	1	0	1	1	0	0	0	0	0	0	0	1	0	0	1746-NI16I - Analog 16 Ch. Current Input -
I:3.31	1	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	1746-NI16I - Analog 16 Ch. Current Input -
I:11.0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1746-IB32 - 32-Input (SINK) 24 VDC
I:11.1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1746-IB32 - 32-Input (SINK) 24 VDC
I:12.0	0	0	1	0	0	0	1	0	1	0	1	1	1	0	1	0	1746-IB32 - 32-Input (SINK) 24 VDC
I:12.1	0	0	0	1	1	1	1	0	0	1	1	0	1	1	0	0	1746-IB32 - 32-Input (SINK) 24 VDC

Main

First Pass S:1/15 = No	DD / MM / YYYY
Index Register S:24 = 0	Date S:39-37 = 16 / 10 / 1923
Free Running Clock S:4 = 0001-0110-0011-1111	
Index Across Data Files S:2/3 = No	HH : MM : SS
CIF Addressing Mode S:2/8 = 0	Time S:40-42 = 4 : 18 : 11
Online Edits S:33/11 - S:33/12 = No online edits exist	

Proc

OS Catalog Number S:57 = 401	User Program Type S:63 = 1025
OS Series S:58 = C	User Program Functionality Index S:64 = 95
OS FRS S:59 = 5	User RAM Size S:66 = 64
Processor Catalog Number S:60 = 543	OS Memory Size S:66 = 512
Processor Series S:61 = C	
Processor FRN S:62 = 7	

Scan Times

Maximum (x10 ms) S:22 = 4
Average (x10 ms) S:23 = 2
Current (x10 ms) S:3 (low byte) = 2
Watchdog (x10 ms) S:3 (high byte) = 20
Last lms Scan Time S:35 = 19
Scan Toggle Bit S:33/9 = 1
Time Base Selection S:33/13 = 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 = 1	
Sign Bit S:0/3 = 0	
Floating Point Flag Disable S:34/2 = 0	

IO

I/O Interrupt Executing S:32 = 0	Interrupt Latency Control S:33/8 = 0
	Event Interrupt 10 uS Time Stamp S:44 = 0

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	

Chan 0

Processor Mode S:1/0- S:1/4 = Remote Run	
Channel Mode S:33/3 = 1	DTR Control Bit S:33/14 = 0
Comms Active S:33/4 = 0	DTR Force Bit S:33/15 = 0
Incoming Cmd Pending S:33/0 = 0	Outgoing Msg Cmd Pending S:33/2 = 0
Msg Reply Pending S:33/1 = 0	Comms Servicing Sel S:33/5 = 0
DH485 Pass-Thru Disabled Bit S:34/0 = 0	Msg Servicing Sel S:33/6 = 0
DF1 Pass-Thru Enable Bit S:34/5 = 0	Modem Lost S:5/14 = 1

Chan 1

Processor Mode S:1/0- S:1/4 = Remote Run
Comms Active S:1/7 = 1
Incoming Cmd Pending S:2/5 = 0
Msg Reply Pending S:2/6 = 0
Active Nodes (Octal): S:83 - S:86
0 10 20 30
00000000 10000000 11111000 00000000
00000000 00000000 10000000 00000000
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 = Yes

Debug

Suspend Code S:7 = 0
Suspend File S:8 = 0
Compiled For Single Step S:2/4 = Yes
Fault/Powerdown
Fault/Powerdown (Rung #) S:20 = 70
(File #) S:21 = 7
Test Single Step Breakpoint
Rung # S:18 = 0
File # S:19 = 0
Test Single Step
Rung # S:16 = 0
File # S:17 = 2

Errors

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 = 70
(File #) S:21 = 7
ASCII String Manipulation error S:5/15 = 0
Fault Routine S:29 = 0
Major Error S:6 = 0h
Error Description:

STI

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
Interrrupt Latency Control S:33/8 = 0

DII

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
Interrrupt Latency Control S:33/8 = 0

Protection

Deny Future Access S:1/14 = No

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
Load Memory Module and RUN 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 = No
 Forces Installed S:1/6 = No

Global Data

Global Status Word S:99 = 1h
 Transmit Control Bit S:34/3 = 1
 Receive Control Bit S:34/4 = 1

	Node	0	1	2	3	4	5	6	7
S:100	0	0h	0h	0h	0h	0h	0h	0h	0h
S:108	10	8000h	0h	0h	0h	0h	0h	0h	0h
S:116	20	1h	800Ah	800Bh	800Ah	820Bh	0h	0h	0h
S:124	30	0h	0h	0h	0h	0h	0h	0h	0h
S:132	40	0h	0h	0h	0h	0h	0h	0h	0h
S:140	50	0h	0h	0h	0h	0h	0h	0h	0h
S:148	60	0h	0h	0h	0h	0h	0h	0h	0h
S:156	70	0h	0h	0h	0h	0h	0h	0h	0h

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Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol)	Description
B3:66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:92	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B3:98	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0		
B3:99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

Data File T4 -- TIMER

Offset	EN	TT	DN	BASE	PRE	ACC	(Symbol) Description
T4:0	0	0	0	.01 sec	35	0	(ALM_SONORA_TMR) TIMER 0 ALARMA SONORA
T4:1	0	0	0	1.0 sec	90	0	(VL_SUC_DES_FALLA_TMR)
T4:2	0	0	0	.01 sec	10	0	(RESET_OUT_TMR)
T4:3	0	0	0	1.0 sec	10	0	(BMB_ARRANQ_TMR)
T4:4	0	0	0	1.0 sec	10	0	(BMB_GASO1_ARRANQ_TMR)
T4:5	0	0	0	1.0 sec	20	0	(BMB_GASO2_ARRANQ_TMR)
T4:6	1	0	1	1.0 sec	2	2	(LIMPIAR_CMDS_TMR)
T4:7	0	0	0	1.0 sec	120	0	(BMB_SLOP_ARRANQ_TMR)
T4:8	1	0	1	1.0 sec	30	30	(AOV_213_TMR)
T4:9	1	0	1	1.0 sec	30	30	(AOV_214_ABRIR_TMR)
T4:10	1	0	1	1.0 sec	30	30	(AOV_215_TMR)
T4:11	1	0	1	1.0 sec	30	30	(AOV_216_TMR)
T4:12	1	0	1	1.0 sec	30	30	(AOV_217_TMR)
T4:13	1	0	1	1.0 sec	30	30	(AOV_218_TMR)
T4:14	1	0	1	1.0 sec	30	30	(AOV_219_TMR)
T4:15	1	0	1	1.0 sec	30	30	(AOV_220_TMR)
T4:16	1	0	1	1.0 sec	30	30	(AOV_301_TMR)
T4:17	1	0	1	1.0 sec	30	30	(AOV_302_TMR)
T4:18	1	0	1	1.0 sec	30	30	(AOV_303_TMR)
T4:19	1	0	1	1.0 sec	30	30	(AOV_304_TMR)
T4:20	0	0	0	1.0 sec	30	0	(AOV_305_TMR)
T4:21	0	0	0	1.0 sec	30	0	(AOV_101_TMR)
T4:22	0	0	0	1.0 sec	30	0	(AOV_102_TMR)
T4:23	0	0	0	1.0 sec	1500	0	(BMB_SLOP_PARADA_TMR)
T4:24	0	0	0	.01 sec	15	0	(PCV311_RAMP_TMR)
T4:25	0	0	0	.01 sec	200	0	
T4:26	1	1	0	1.0 sec	10	2	(WATCHDOG_TMR) perdida de comunicación con comp de flujo
T4:27	0	0	0	1.0 sec	30	0	
T4:28	1	0	1	1.0 sec	20	20	(DENS_D_ABB_TMR)
T4:29	0	0	0	1.0 sec	20	0	(DENS_D_SOLAR_TMR)
T4:30	0	0	0	1.0 sec	1	0	(AOV_213_CERRAR_TMR)
T4:31	0	0	0	1.0 sec	5	0	(P53_TRR2_F_TMR)
T4:32	0	0	0	1.0 sec	30	0	(P53_TRR1_F_TMR)
T4:33	0	0	0	1.0 sec	5	0	(P53_BMB1_F_TMR)
T4:34	0	0	0	1.0 sec	5	0	(P53_BMB2_F_TMR)
T4:35	0	0	0	1.0 sec	1200	0	(AUTO_REC_TMR)
T4:36	0	0	0	.01 sec	50	50	
T4:37	0	0	0	.01 sec	50	50	
T4:38	0	0	0	.01 sec	50	50	
T4:39	0	0	0	.01 sec	50	50	
T4:40	0	0	0	1.0 sec	5	0	(F_NET_OK_TMR)
T4:41	0	0	0	1.0 sec	7	0	(FC_CAMBIO_LOTE_TMR)
T4:42	0	0	0	.01 sec	50	51	
T4:43	0	0	0	.01 sec	50	50	
T4:44	0	0	0	.01 sec	500	0	(B_GLP_AL_TMR)
T4:45	0	0	0	.01 sec	300	0	
T4:46	0	0	0	1.0 sec	60	0	(FLUJO_LL_TMR)
T4:47	0	0	0	.01 sec	200	0	(PRS_SUCC_LL_TMR)
T4:48	0	0	0	.01 sec	200	0	(PRS_DESC_TMR)
T4:49	0	0	0	1.0 sec	2	0	(MUESTREO_TMR)
T4:50	0	0	0	.01 sec	0	0	
T4:51	0	0	0	1.0 sec	300	0	
T4:52	0	0	0	.01 sec	0	0	
T4:53	0	0	0	.01 sec	0	0	
T4:54	0	0	0	.01 sec	0	0	
T4:55	0	0	0	.01 sec	0	0	
T4:56	0	0	0	.01 sec	0	0	
T4:57	0	0	0	.01 sec	0	0	
T4:58	0	0	0	.01 sec	0	0	
T4:59	0	0	0	.01 sec	0	0	
T4:60	0	0	0	.01 sec	0	0	
T4:61	0	0	0	.01 sec	0	0	
T4:62	0	0	0	.01 sec	0	0	
T4:63	0	0	0	.01 sec	0	0	
T4:64	0	0	0	.01 sec	0	0	
T4:65	0	0	0	.01 sec	0	0	

Offset	EN	TT	DN	BASE	PRE	ACC	(Symbol) Description
T4:66	0	0	0	.01 sec	0	0	
T4:67	0	0	0	.01 sec	0	0	
T4:68	0	0	0	.01 sec	0	0	
T4:69	0	0	0	.01 sec	0	0	
T4:70	0	0	0	.01 sec	0	0	
T4:71	0	0	0	.01 sec	0	0	
T4:72	0	0	0	.01 sec	0	0	
T4:73	0	0	0	.01 sec	0	0	
T4:74	0	0	0	.01 sec	0	0	
T4:75	0	0	0	.01 sec	0	0	
T4:76	0	0	0	.01 sec	0	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	0	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	.01 sec	0	0	
T4:86	0	0	0	.01 sec	0	0	
T4:87	0	0	0	.01 sec	0	0	
T4:88	0	0	0	.01 sec	0	0	
T4:89	0	0	0	.01 sec	0	0	
T4:90	0	0	0	.01 sec	0	0	
T4:91	0	0	0	.01 sec	0	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	.01 sec	0	0	
T4:96	0	0	0	.01 sec	0	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	
T4:101	0	0	0	.01 sec	0	0	
T4:102	0	0	0	.01 sec	0	0	
T4:103	0	0	0	.01 sec	0	0	
T4:104	0	0	0	.01 sec	0	0	
T4:105	0	0	0	.01 sec	0	0	
T4:106	0	0	0	.01 sec	0	0	
T4:107	0	0	0	.01 sec	0	0	
T4:108	0	0	0	.01 sec	0	0	
T4:109	0	0	0	.01 sec	0	0	
T4:110	0	0	0	.01 sec	0	0	
T4:111	0	0	0	.01 sec	0	0	
T4:112	0	0	0	.01 sec	0	0	
T4:113	0	0	0	.01 sec	0	0	
T4:114	0	0	0	.01 sec	0	0	
T4:115	0	0	0	.01 sec	0	0	
T4:116	0	0	0	.01 sec	0	0	
T4:117	0	0	0	.01 sec	0	0	
T4:118	0	0	0	.01 sec	0	0	
T4:119	0	0	0	.01 sec	0	0	
T4:120	0	0	0	.01 sec	0	0	
T4:121	0	0	0	.01 sec	0	0	
T4:122	0	0	0	.01 sec	0	0	
T4:123	0	0	0	.01 sec	0	0	
T4:124	0	0	0	.01 sec	0	0	
T4:125	0	0	0	.01 sec	0	0	
T4:126	0	0	0	.01 sec	0	0	
T4:127	0	0	0	.01 sec	0	0	
T4:128	0	0	0	.01 sec	0	0	
T4:129	0	0	0	.01 sec	0	0	
T4:130	0	0	0	.01 sec	0	0	
T4:131	0	0	0	.01 sec	0	0	

Offset	EN	TT	DN	BASE	PRE	ACC	(Symbol) Description
T4:132	0	0	0	.01 sec	0	0	
T4:133	0	0	0	.01 sec	0	0	
T4:134	0	0	0	.01 sec	0	0	
T4:135	0	0	0	.01 sec	0	0	
T4:136	0	0	0	.01 sec	0	0	
T4:137	0	0	0	.01 sec	0	0	
T4:138	0	0	0	.01 sec	0	0	
T4:139	0	0	0	.01 sec	0	0	
T4:140	0	0	0	.01 sec	0	0	
T4:141	0	0	0	.01 sec	0	0	
T4:142	0	0	0	.01 sec	0	0	
T4:143	0	0	0	.01 sec	0	0	
T4:144	0	0	0	.01 sec	0	0	
T4:145	0	0	0	.01 sec	0	0	
T4:146	0	0	0	.01 sec	0	0	
T4:147	0	0	0	.01 sec	0	0	
T4:148	0	0	0	.01 sec	0	0	
T4:149	0	0	0	.01 sec	0	0	

Offset	CU	CD	DN	OV	UN	UA	PRE	ACC	(Symbol)	Description
C5:0	0	0	1	0	0	0	101	101	(PCV311_XCENT_ABR)	

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		

Offset	0	1	2	3	4	5	6	7	8	9
N7:0	75	1758	1764	1272	1272	1050	7311	234	234	9557
N7:10	0	0	0	0	0	0	0	0	0	0
N7:20	6983	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
N7:50	0	0	0	0	0	0	0	0	0	0
N7:60	0	0	0	0	0	0	0	0	0	0
N7:70	0	0	0	0	0	0	0	0	0	0
N7:80	0	0	0	0	0	0	0	0	0	0
N7:90	129	0	0	0	0	0	0	0	0	1361

Data File F8 -- FLOAT

Offset	0	1	2	3	4
F8:0	18000	25200	0	25200	0
F8:5	0	0	0	0	0

Data File N9 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N9:0	-1	1	0	0	0	0	0	0	0	0
N9:10	1050	1687	1060	1050	0	0	0	0	0	0
N9:20	450	4002	20000	20540	4585	48				

Offset	0	1	2	3	4	5	6	7	8	9
N10:0	-20464	-20464	-20464	-20464	-20464	-20464	-20464	-20464	-20464	-20464
N10:10	-20464	-20464	-20464	-20464	-20464	-20464				

Data File N11 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N11:0	234	161	1272	36	9	2	3484	99	7419	190
N11:10	7221	369	7311	7500	46	19				

Data File N12 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N12:0	100	0	0	0						

Data File N13 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N13:0	0	0								

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol) Description
B14:0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B14:1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	
B14:2	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol)	Description
B15:0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1		
B15:1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	ONESHOT	

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol) Description
B16:0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	

Data File B17 (bin)

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol)	Description
B17:0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0		

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol) Description
B18:0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Data File B19 (bin) -- ENABLE_BIT

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol) Description
B19:0	0	0	0	0	0	0	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	0	0	0	0	0	0	520	0	0	58
N20:10	0	0	0	3000	46	0	1000	0	2050	450
N20:20	40	30	120	110						

Data File N21 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N21:0	500	2000	3000	100	20000	2000	10000	100	100	2300
N21:10	100	1000	558	11000	220	20000	0	0	0	0
N21:20	0	0	0	13						

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				

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

Data File N24 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N24:0	0	0	0	0	0	0	0	0	0	0
N24:10	6242	0	0	0	0	0	0	0	0	0
N24:20	1113	1107	85	612						

Data File N25 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N25:0	0	0	0	0	0	0	0	0	0	0
N25:10	0	0	0	0	0	0	0	0	0	0
N25:20	0	0	0	0						

Data File N26 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N26:0	0	0	0	0	0	0	0	0	0	0
N26:10	0	0	0	0	0	0	0	0	0	0
N26:20	0	0	0	0						

Data File N27 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N27:0	0	0	0	0	0	0	0	0	0	0
N27:10	0	0	0	0	0	0	0	0	0	0
N27:20	0	0	0	0						

Data File N28 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N28:0	0	0	0	0	0	0	0	0	0	0
N28:10	0	0	0	0	0	0	0	0	0	0
N28:20	0	0	0	0						

Data File N29 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N29:0	7647	3000	3000	3000	-625	-625	-625	-625	2000	4000
N29:10	0	0	0	0	0	0	0	0	0	0
N29:20	1553	0	0	0						

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	1	0	0	0	0	0	0	0	0	0	
B30:1	0	1	0	1	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
B31:0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1		
B31:1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

Data File B32 (bin)

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol) Description
B32:0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B32:1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B32:2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B32:3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B32:4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Data File B33 (bin)

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol)	Description
B33:0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0		
B33:1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B33:2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B33:3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B33:4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

Offset	0	1	2	3	4	5	6	7	8	9
N34:0	7311	6850	5850	7499	7899	0	0	0	0	0
N34:10	6200	6800	6900	7495	7500	5824	7899	7899	0	0
N34:20	6175	6833	0	0	0	0	0	0	0	0
N34:30	0	0	0	0	0	0	0	0	0	0
N34:40	0	0	0	0	0	0	0	0	0	0
N34:50	0	0	0	0	0	0	0	0	0	0
N34:60	0	0	0	0	0	0	0	0	0	0
N34:70	0	0	0	0	0	0	0	0	0	0
N34:80	0	0	0	0	0	0	0	0	0	0
N34:90	0	0	0	0	0	0	0	0	0	0
N34:100	0									

Offset	0	1	2	3	4	5	6	7	8	9
N35:0	0	2	1	5	3	4	0	0	0	15520
N35:10	0	1552	8092	8092	124	278	0	15520	0	0
N35:20	0	0	0	0	0	0	1	5520	0	0
N35:30	0	0	0	0	0	0	0	1552	0	0
N35:40	0	-6	-6	0	-6	0	0	0	0	0
N35:50	0	0	0	0	0	0	0	0	0	0
N35:60	0	0	0	0	0	0	0	0	0	0
N35:70	0	0	0	0	0	0	0	0	0	0
N35:80	0	0	0	0	0	0	0	0	0	0
N35:90	0	0	0	0	0	0	0	0	0	15520
N35:100	0									

Data File T36

Offset	EN	TT	DN	BASE	PRE	ACC	(Symbol)	Description
T36:0	0	0	0	1.0 sec	60	0		
T36:1	0	0	0	1.0 sec	60	0		
T36:2	0	0	0	1.0 sec	28800	0		
T36:3	0	0	0	1.0 sec	28800	0		
T36:4	0	0	0	1.0 sec	1	0	Retardo	Paro UPB1
T36:5	0	0	0	1.0 sec	2	0	Retardo	Paro UPB2
T36:6	0	0	0	1.0 sec	1	0	Retardo	Paro UPB3
T36:7	0	0	0	1.0 sec	2	0	Retardo	Paro UPB4
T36:8	0	0	0	.01 sec	0	0		
T36:9	0	0	0	.01 sec	0	0		
T36:10	1	1	0	1.0 sec	5	0		
T36:11	0	0	0	1.0 sec	5	0		
T36:12	0	0	0	.01 sec	0	0		
T36:13	0	0	0	.01 sec	0	0		
T36:14	0	0	0	.01 sec	0	0		
T36:15	0	0	0	.01 sec	0	0		
T36:16	0	0	0	.01 sec	0	0		
T36:17	0	0	0	.01 sec	0	0		
T36:18	0	0	0	.01 sec	0	0		
T36:19	0	0	0	.01 sec	0	0		
T36:20	0	0	0	.01 sec	0	0		
T36:21	0	0	0	.01 sec	0	0		
T36:22	0	0	0	.01 sec	0	0		
T36:23	0	0	0	.01 sec	0	0		
T36:24	0	0	0	.01 sec	0	0		
T36:25	0	0	0	.01 sec	0	0		
T36:26	0	0	0	.01 sec	0	0		
T36:27	0	0	0	.01 sec	0	0		
T36:28	0	0	0	.01 sec	0	0		
T36:29	0	0	0	.01 sec	0	0		
T36:30	0	0	0	.01 sec	0	0		
T36:31	0	0	0	.01 sec	0	0		
T36:32	0	0	0	.01 sec	0	0		
T36:33	0	0	0	.01 sec	0	0		
T36:34	0	0	0	.01 sec	0	0		
T36:35	0	0	0	.01 sec	0	0		
T36:36	0	0	0	.01 sec	0	0		
T36:37	0	0	0	.01 sec	0	0		
T36:38	0	0	0	.01 sec	0	0		
T36:39	0	0	0	.01 sec	0	0		
T36:40	0	0	0	.01 sec	0	0		
T36:41	0	0	0	.01 sec	0	0		
T36:42	0	0	0	.01 sec	0	0		
T36:43	0	0	0	.01 sec	0	0		
T36:44	0	0	0	.01 sec	0	0		
T36:45	0	0	0	.01 sec	0	0		
T36:46	0	0	0	.01 sec	0	0		
T36:47	0	0	0	.01 sec	0	0		
T36:48	0	0	0	.01 sec	0	0		
T36:49	0	0	0	.01 sec	0	0		
T36:50	0	0	0	.01 sec	0	0		
T36:51	0	0	0	.01 sec	0	0		
T36:52	0	0	0	.01 sec	0	0		
T36:53	0	0	0	.01 sec	0	0		
T36:54	0	0	0	.01 sec	0	0		
T36:55	0	0	0	.01 sec	0	0		
T36:56	0	0	0	.01 sec	0	0		
T36:57	0	0	0	.01 sec	0	0		
T36:58	0	0	0	.01 sec	0	0		
T36:59	0	0	0	.01 sec	0	0		
T36:60	0	0	0	.01 sec	0	0		
T36:61	0	0	0	.01 sec	0	0		
T36:62	0	0	0	.01 sec	0	0		
T36:63	0	0	0	.01 sec	0	0		
T36:64	0	0	0	.01 sec	0	0		
T36:65	0	0	0	.01 sec	0	0		

Data File T36

Offset	EN	TT	DN	BASE	PRE	ACC	(Symbol) Description
T36:66	0	0	0	.01 sec	0	0	
T36:67	0	0	0	.01 sec	0	0	
T36:68	0	0	0	.01 sec	0	0	
T36:69	0	0	0	.01 sec	0	0	
T36:70	0	0	0	.01 sec	0	0	
T36:71	0	0	0	.01 sec	0	0	
T36:72	0	0	0	.01 sec	0	0	
T36:73	0	0	0	.01 sec	0	0	
T36:74	0	0	0	.01 sec	0	0	
T36:75	0	0	0	.01 sec	0	0	
T36:76	0	0	0	.01 sec	0	0	
T36:77	0	0	0	.01 sec	0	0	
T36:78	0	0	0	.01 sec	0	0	
T36:79	0	0	0	.01 sec	0	0	
T36:80	0	0	0	.01 sec	0	0	
T36:81	0	0	0	.01 sec	0	0	
T36:82	0	0	0	.01 sec	0	0	
T36:83	0	0	0	.01 sec	0	0	
T36:84	0	0	0	.01 sec	0	0	
T36:85	0	0	0	.01 sec	0	0	
T36:86	0	0	0	.01 sec	0	0	
T36:87	0	0	0	.01 sec	0	0	
T36:88	0	0	0	.01 sec	0	0	
T36:89	0	0	0	.01 sec	0	0	
T36:90	0	0	0	.01 sec	0	0	
T36:91	0	0	0	.01 sec	0	0	
T36:92	0	0	0	.01 sec	0	0	
T36:93	0	0	0	.01 sec	0	0	
T36:94	0	0	0	.01 sec	0	0	
T36:95	0	0	0	.01 sec	0	0	
T36:96	0	0	0	.01 sec	0	0	
T36:97	0	0	0	.01 sec	0	0	
T36:98	0	0	0	.01 sec	0	0	
T36:99	0	0	0	.01 sec	0	0	

Data File B40 (bin)

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol)	Description
B40:0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HMI COMD VALVS	
B40:1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HMI COMD VALVS	

Data File B41 (bin)

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol)	Description
B41:0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HMI COMD VALVS	
B41:1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	HMI COMD VALVS	

Data File B42 (bin)

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol)	Description
B42:0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	0		
B42:1	1	1	1	1	1	1	0	1	0	1	0	1	0	1	0	1		
B42:2	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1		
B42:3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B42:4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

OC_SL_20_20231016																	
Data File B45 (bin) -- PID_BIN																	
Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol) Description
B45:0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:6	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
B45:8	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
B45:9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Page 1	(Radix Binary)																Tuesday, March 24, 2026 - 15:41:17

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol) Description
B45:66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B45:72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Data File N50 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N50:0	3421	3421	3421	3421	3421	3421	3421	3421	3421	3421
N50:10	3421	1373	3421	3421	1373	1373	0	0	0	0
N50:20	0	0	0	0	0	0	0	0	0	0
N50:30	0	0								

Data File N60 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N60:0	720	770	771	810	510	560	620	670	0	0
N60:10	5000	15000	0	0	0	0	0	0	0	0

Offset	0	1	2	3	4	5	6	7	8	9
N61:0	310	330	2290	2500	137	7	0	0	5	0
N61:10	0	2	0	0						

Data File N68 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N68:0	935	0	0	0	0	0	0	0	0	0

Offset	0	1	2	3	4	5	6	7	8	9
N69:0	0	0	5	0	0	0	0	0	0	0
N69:10	0	0	5	0	0	0	0	0	0	0
N69:20	4	1	2	130	150	0	0	0	4	0
N69:30	0	0	0	0	0	0	0	0	0	0
N69:40	0	0	0	0	0	0	0	0	0	0
N69:50	1	1	3	9495	6	5	0	0	0	0
N69:60	1	1	3	3819	62	19	0	0	0	0
N69:70	1	1	3	3082	40	82	0	0	0	0
N69:80	1	1	3	4201	4	1	0	0	0	0
N69:90	1	1	16	200	2	4375	0	0	0	0
N69:100	1	1	16	202	1	2612	0	0	0	0
N69:110	1	1	16	203	1	3002	0	0	0	0
N69:120	1	1	16	204	1	3027	0	0	0	0
N69:130	0	0	0	0	0	0	0	0	0	0
N69:140	0	0	0	0	0	0	0	0	0	0

Offset	0	1	2	3	4	5	6	7	8	9
N70:0	0	1	-29449	2	23365	0	0	160	8192	0
N70:10	0	0	0	0	0	0	0	0	0	1
N70:20	-29449	2	23364	0	15520	0	1013	0	946	0
N70:30	1	0	4	1	-29449	2	23362	1	-29449	2
N70:40	23358	0	10	0	10	0	13891	0	10	1
N70:50	-29449	2	23362	0	1	0	1	0	0	2191
N70:60	9738	2151	-26100	0	0	0	0	0	0	0
N70:70	0	0	0	0	0	0	0	0	0	0
N70:80	0	0	2442	2465	644	0	0	0	3203	10129
N70:90	13891	24156	9461	1	0	0	1	1	1	1
N70:100	1	4	0	0	0	0	0	0	0	0
N70:110	0	0	0	0	0	0	0	0	0	0
N70:120	0	0	0	0	0	0	0	0	0	0
N70:130	0	0	0	0	0	0	0	0	0	0
N70:140	19779	19744	12846	12593	12594	13369	0	0	0	0
N70:150	1	0	0	0	0	0	0	0	0	0
N70:160	0	0	0	0	0	0	0	0	0	0
N70:170	0	0	0	0	0	0	0	0	0	0
N70:180	0	0	0	0	0	0	0	0	0	0
N70:190	0	0	0	0	0	0	0	0	0	0
N70:200	0	15520	1	1	1	0	0	0	0	0
N70:210	0	0	0	0	0	0	0	0	0	0
N70:220	0	0	0	0	0	0	0	0	0	0
N70:230	0	0	0	0	0	0	0	0	0	0
N70:240	0	0	0	0	0	0	0	0	0	0

Data File N77 (dec) -- PID_FLOW -- PID_FLOW

Offset	0	1	2	3	4	5	6	7	8	9
N77:0	-24565	0	1080	5	9	0	0	1800	0	0
N77:10	0	100	20	20	1050	30	100	16250	2072	2
N77:20	21840	8543	1080	0	100	9557	6237	0	9557	16386
N77:30	0	60	70	60	0	0	1	0	0	1
N77:40	7311	6400	5600	0	0	0	1080	1045	1080	0
N77:50	0	0	0	0	0	0	80	180	80	0
N77:60	0	60	160	60	0	0	70	170	70	0
N77:70	0	0	0	0	0	0	0	0	0	0
N77:80	0	0	0	0	0	0	0	0	0	0
N77:90	0	0	0	0	0	0	0	0	0	0

Offset	0	1	2	3	4	5	6	7	8	9
N78:0	-31729	0	80	6	1	0	0	2000	0	0
N78:10	0	100	20	99	234	154	20	2519	20938	0
N78:20	30672	8910	80	0	8	1925	8240	0	1925	1311

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol) Description
B88:0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	WW Command
B88:1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	WW Command
B88:2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	WW Command
B88:3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	WW Command
B88:4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	WW Command
B88:5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	WW Command
B88:6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	WW Command
B88:7	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	
B88:8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B88:9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Data File B100 (bin)

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol)	Description
B100:0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B100:1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

Data File N101 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N101:0	1151	0	0	0	0					

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol) Description
B103:0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
B103:1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B103:31	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	

Data File N111 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N111:0	0	0	0	0	0	0	0	0	0	0
N111:10	0	0	0	0	0	0	0	0	0	0
N111:20	0	0	0	0	0	0	0	0	0	0
N111:30	0	0	0	0	0	0	0	0	0	0
N111:40	0	0	0	0	0	0	0	0	0	0
N111:50	0	0	0	0	0	0	0	0	0	0

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Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol) Description
B115:66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B115:67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B115:68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B115:69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B115:70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B115:71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B115:72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol)	Description
B116:0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	BITS DE ESTADO	
B116:1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BITS DE ESTADO	
B116:2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BITS DE ESTADO	
B116:3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BITS DE ESTADO	
B116:4	0	0	0	0	0	0	0	1	0	0	1	1	0	1	0	1	BITS DE ESTADO	
B116:5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	BITS DE ESTADO	

Offset	0	1	2	3	4	5	6	7	8	9
N117:0	1544	40	40	0	0	0	0	0	0	0
N117:10	0	2	23358	1544	30	0	0	0	0	0
N117:20	0	0	0	0	0	0	0	0	0	0
N117:30	0	0	0	0	0	0	0	0	0	0
N117:40	0	0	0	0	0	0	0	0	0	0
N117:50	0	0	0	0	0	0	0	0	0	0
N117:60	0	0	0	0	0	0	0	0	0	0
N117:70	0	150	160	30	40	0	0	0	0	300
N117:80	100	-64	1	15	553	0	0	0	0	0
N117:90	100	0	0	0	0	0	0	0	3277	16400
N117:100	3421	3421	3421	3421	3421	3421	3421	3421		

Offset	0	1	2	3	4	5	6	7	8	9
N118:0	-28673	0	0	0	0	0	0	0	0	0
N118:10	0	0	0	0	0	0	0	0	0	0
N118:20	0	0	0	0	0	0	0	0	0	0
N118:30	0									

Data File B121 (bin)

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol)	Description
B121:0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1		
B121:1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

Data File N122 (dec) -- ESTADO_DH+

Offset	0	1	2	3	4	5	6	7	8	9
N122:0	1	0	0	0	0					

Data File B123 (bin)

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol)	Description
B123:0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B123:1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B123:2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B123:3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B123:4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B123:5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B123:6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B123:7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B123:8	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0		
B123:9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
B123:10	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
T124:0	1	0	1	1.0 sec	60	60	(CLASE_B_TMR)
T124:1	0	0	0	.01 sec	2000	0	(QL_ESD_ON_TMR)
T124:2	0	0	0	.01 sec	500	501	(QL_ESD_OFF_TMR)
T124:3	0	0	0	.01 sec	200	0	

Offset	CU	CD	DN	OV	UN	UA	PRE	ACC	(Symbol) Description
C125:0	0	0	0	0	0	0	0	0	
C125:1	0	0	0	0	0	0	0	0	
C125:2	0	0	0	0	0	0	0	0	
C125:3	0	0	0	0	0	0	0	0	
C125:4	0	0	0	0	0	0	0	0	

Offset	0	1	2	3	4	5	6	7	8	9
N130:0	-32768	18	1	7	137	4	0	0	5	0
N130:10	0	2	0	0	0	0	0	0	0	0
N130:20	0	0	0	0	0	0	0	0	0	0
N130:30	0	0	0	0	0	0	0	0	0	0
N130:40	0	0	0	0	0	0	0	0	0	0
N130:50	0	0	0	0	0	0				

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol) Description
B133:0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B133:1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B133:2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B133:3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B133:4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B133:5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B133:6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B133:7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B133:8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B133:9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B133:10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Data File N140 (dec) -- BATCH_CURR

Offset	0	1	2	3	4	5	6	7	8	9
N140:0	1	10	16	23	1544	0	10	16	23	1544
N140:10	0	0	0	0	0	0	0	0	0	0
N140:20	0	0	0	0	0	0	0	0	0	0
N140:30	0									

Data File N141 (dec) -- BAT_PR_RD

Offset	0	1	2	3	4	5	6	7	8	9
N141:0	1013	10	16	23	1544	0	10	16	23	1544
N141:10	0	10	0	10	0	0	0	0	0	0
N141:20	0	0	0	0	0	0	0	0	0	0
N141:30	0									

Offset	0	1	2	3	4	5	6	7	8	9
N142:0	4	7	23	3	1256	0	7	23	3	1255
N142:10	0	210	0	199	0	0	0	0	0	0
N142:20	0	0	0	0	0	0	0	0	0	0
N142:30	0									

Offset	0	1	2	3	4	5	6	7	8	9
N143:0	1	7	23	3	1255	0	7	23	3	1244
N143:10	0	2570	0	2560	0	0	0	0	0	0
N143:20	0	0	0	0	0	0	0	0	0	0
N143:30	0									

Offset	0	1	2	3	4	5	6	7	8	9
N144:0	4	7	23	3	1244	0	7	23	3	1235
N144:10	0	1945	0	1931	0	0	0	0	0	0
N144:20	0	0	0	0	0	0	0	0	0	0
N144:30	0									

Offset	0	1	2	3	4	5	6	7	8	9
N145:0	1	7	23	3	1235	0	7	23	3	1235
N145:10	0	52	0	49	0	0	0	0	0	0
N145:20	0	0	0	0	0	0	0	0	0	0
N145:30	0									

Offset	0	1	2	3	4	5	6	7	8	9
N146:0	4	7	23	3	1235	0	7	23	3	1229
N146:10	0	1421	0	1419	0	0	0	0	0	0
N146:20	0	0	0	0	0	0	0	0	0	0
N146:30	0									

Offset	0	1	2	3	4	5	6	7	8	9
N147:0	4	7	23	3	1229	0	7	23	3	1228
N147:10	0	22	0	22	0	0	0	0	0	0
N147:20	0	0	0	0	0	0	0	0	0	0
N147:30	0									

Offset	0	1	2	3	4	5	6	7	8	9
N148:0	4	7	23	3	1227	0	7	23	3	1223
N148:10	0	916	0	909	0	0	0	0	0	0
N148:20	0	0	0	0	0	0	0	0	0	0
N148:30	0									

Data File N211 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N211:0	0	0	0	0	0	0	0	0	0	0
N211:10	0	0	0	0	0	0	0	0	0	0
N211:20	0	0	0	0	0	0	0	0	0	0
N211:30	0	0	0	0	0	0	0	0	0	0
N211:40	0	0	0	0	0	0	0	0	0	0
N211:50	0	0	0	0	0	0	0	0	0	7516

Offset	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0	(Symbol) Description
B212:0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	
B212:1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B212:2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B212:3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B212:4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B212:5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B212:6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B212:7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B212:8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
B212:9	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	

Offset	0	1	2	3	4	5	6	7	8	9
N248:0	30	40	500	1000	0	0	0	0	0	0
N248:10	0	2	0	0						

Offset	0	1	2	3	4	5	6	7	8	9
N249:0	1550	1500	1	200	137	2	0	160	5	0
N249:10	0	2	3072	0						

Offset	0	1	2	3	4	5	6	7	8	9
N250:0	-24576	19	1	200	137	2	0	96	5	0
N250:10	0	2	3072	0						

Offset	0	1	2	3	4	5	6	7	8	9
N251:0	-24576	20	1	200	137	2	0	32	5	0
N251:10	0	2	3072	0						

	Data	File	N252	(dec)	--	PID	--	PARAMETROS	DE	LAZO	PID	BACKPRESSURE
Offset	0	1	2	3		4	5	6	7		8	9
N252:0	13	0	140	30		1	0	0	1885		0	0
N252:10	0	100	10	99		0	0	0	0		0	0
N252:20	0	0	46									

Data File N254 (dec)

Offset	0	1	2	3	4	5	6	7	8	9
N254:0	0	621	0	0	0	0	0	0	0	0
N254:10	-29424	0	0	0	0	0	0	-1	0	0
N254:20	33	0	49							

Offset	0	1	2	3	4	5	6	7	8	9
N255:0	3280	15522	1	0	0	3000	11000	7248	5470	1835

Address (Symbol) = Value [Description]

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
B3:0/0				
B3:0/1			habilita esd de QL desde WW	
B3:0/2	WW_HAB_ESD_QL	Global		
B3:0/4			ladder habilita	
B3:0/5			habilita paro por flujo	
B3:0/7			gasolina	
B3:0/8			gasolina	
B3:0/9	DEHAB_SUP_ESD_A_BMBS	Global	SOLO PROGRAMA	
B3:0/11			sistema detenido por ESD	
B3:0/12			habilita sistema desde PLC sup	
B3:0/14			INHIBE PURGA AUTOMÁTICA	
B3:0/15	ESD_ACTIVADO	Global	COMANDA PURGA AUTOMÁTICA	
B3:1/0	CRUDO	Global	PRODUCTO ES CRUDO	
B3:1/1	GLP	Global	PRODUCTO ES GLP	
B3:1/2	PREVIO	Global	0= Crudo 1= GLP	
B3:1/3	ALARMA	Global	ALARMA ACTIVA	
B3:1/4	BMB_SLOP_WWSTOP	Global		
B3:1/5	BMB_SLOP_START	Global		
B3:1/6	SLOP_EN_AUTO	Global		
B3:1/7	GASO1_EN_AUTO	Global		
B3:1/8	GASO2_EN_AUTO	Global		
B3:1/9				
B3:1/10				
B3:1/11				
B3:1/12				
B3:1/13				
B3:1/14			ONESHOT ALARMA	
B3:1/15			ONESHOT ESD	
B3:2/0			TANQUE SEPARADOR LLENO	
B3:2/1			TANQUE SEP ALTA PRESIÓN	
B3:2/2			TANQUE CRUDO LLENO	
B3:2/3				
B3:2/4	ES_CONTAM	Global	TRANSITION PRODUCT IS TRAN	
B3:2/5				
B3:2/6				
B3:2/7			TQ SEPARADOR o COMPRESORES FUEGO O GAS	
B3:2/9			V.SUCCIÓN PLANTA CERRADA (XS100B)	
B3:2/10			V.DESCARGA PLANTA CERRADA (XS-660-B)	
B3:2/11				
B3:2/14			ONESHOT	
B3:2/15			ONESHOT	
B3:3/0			Inicia Rampa apertura AOV-311	
B3:3/1			PURGA ETAPA 0 HABILITA PURGA AUTOMÁTICA	
B3:3/2			PURGA ETAPA 2 ABRIR VALVULA PURGA DESCARGA AOV-301	
B3:3/3			PURGA ETAPA 3 ABRIR VALVULA PURGA TANQUES AOV-302 Ó 303	
B3:3/4			(GLP) AOV-302 PURGANDO	
B3:3/5			(GLP) AOV304 PURGANDO	
B3:3/6			(CRUDO)AOV303 PURGANDO	
B3:3/7			PURGA ETAPA4 ABRIR AOV- 214,216,218,220	
B3:3/8			PURGA ETAPA5 FINALIZACIÓN	
B3:4/0			THIS RUNG IS MONITOR ONLY	
B3:5			oneshot	
B3:5/0				
B3:5/1			se borrara una vez eliminada la entrada desde el QL-ESD	
B3:6/0	SEG_EN_SUP	Global		
B3:6/2				
B3:7/1	BOMBA_1_SD	Global		
B3:7/2	BOMBA_2_SD	Global		
B3:7/3	BOMBA_3_SD	Global		
B3:7/4	BOMBA_4_SD	Global		
B3:8/15				
B3:9/7			SEÑAL DE PRUEBA	
B3:9/9	SD_ACTIVADO	Global		
B3:9/10	ESD_ACTIVADO	Global		
B3:9/15				
B3:10/15			borrar	
B3:98/8	SEL_SOLART	Global		
B3:98/9	SEL_MICROM	Global		
B3:98/11	MICROM_OK	Global		
B3:98/12	SOLART_OK	Global	SOLART_OK	
B3:98/13	INH_LV_2021	Global		
B3:99/0			Pa borrar	
B3:99/14			Flujo Congelado	
B3:99/15			BORRAR	
B14:0/3	HLS_410_I	Global	NIVEL ALTO TANQUE SLOP	
B14:0/4	LLS_411_I	Global	NIVEL BAJO TANQUE SLOP	
B14:0/5	XS_219_A_I	Global	ALIVIO CRUDO MB4 VALVULA AOV-219 ABIERTA	
B14:0/6	XS_219_B_I	Global	ALIVIO DESCARGA MB4 VALVULA AOV-219 CERRADA	
B14:0/7	XS_220_A_I	Global	DRENAJE MB4 VALVULA AOV-220 ABIERTA	
B14:0/8	XS_220_B_I	Global	DRENAJE MB4 VALVULA AOV-220 CERRADA	
B14:0/9	XS_217_A_I	Global	ALIVIO DESCARGA MB3 VALVULA AOV-217 ABIERTA	
B14:0/10	XS_217_B_I	Global	ALIVIO DESCARGA MB3 VALVULA AOV-217 CERRADA	
B14:0/11	XS_218_A_I	Global	DRENAJE MB3 VALVULA AOV-218 ABIERTA	
B14:0/12	XS_218_B_I	Global	DRENAJE MB3 VALVULA AOV-218 CERRADA	
B14:0/13	XS_215_A_I	Global	ALIVIO DESCARGA MB2 VALVULA AOV-215 ABIERTA	
B14:0/14	XS_215_B_I	Global	ALIVIO DESCARGA MB2 VALVULA AOV-215 CERRADA	
B14:0/15	XS_216_A_I	Global	DRENAJE MB2 VALVULA AOV-215 ABIERTA	

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
B14:1/0	XS_216_B_I	Global	DRENAJE MB2 VALVULA AOV-216 CERRADA	
B14:1/1	AOV213_ABIERTA	Global		
B14:1/2	AOV213_CERRADA	Global		
B14:1/3	XS_214_A_I	Global	DRENAJE MB1 VALVULA AOV-214 ABIERTA	
B14:1/4	XS_214_B_I	Global	DRENAJE MB1 VALVULA AOV-214 CERRADA	
B14:1/5	XS_301_A_I	Global	ALIVIO CRUDO A TQ SEPARADOR VALVULA AOV-301 ABIERTA (SPARE)	
B14:1/6	XS_301_B_I	Global	ALIVIO CRUDO A TQ SEPARADOR VALVULA AOV-301 CERRADA (SPARE)	
B14:1/7	XS_304_A_I	Global	ALIVIO GLP A TANQUE SEPARADOR VALVULA AOV-304 ABIERTA	
B14:1/8	XS_304_B_I	Global	ALIVIO GLP A TANQUE SEPARADOR VALVULA AOV-304 CERRADA	
B14:1/9	XS_102_A	Global		
B14:1/10	XS_102_B	Global		
B14:1/11	XS_101_A	Global		
B14:1/12	XS_101_B	Global		
B14:1/13	XS_401_I	Global	CONFIRMA ARRANQUE BOMBA GASSO 1	
B14:1/14	XS_402_I	Global	CONFIRMA ARRANQUE BOMBA GASSO 2	
B14:1/15	B_GLP_ON	Global	CONFIRMA ARRANQUE BOMBA GLP	
B14:2/0	XS_400_I	Global	CONFIRMA ARRANQUE BOMBA TANQUE SLOP	
B14:2/1	XS_700_I	Global	FALLA CIRCUITO IGNICION FLARE G.N.	
B14:2/2	XS_701_I	Global	FLARE GLP encendido	
B14:2/3	XS_100_I	Global	CONFIRMA ENTRADA RASPATUBO (SPARE)	
B14:2/4	XS_600_I	Global	CONFIRMA SALIDA RASPATUBO (SPARE)	
B14:2/5				
B14:2/6				
B14:2/7	XS_302_A_I	Global	ALIVIO GLP A TANQUE SEPARADOR VALVULA AOV-302 ABIERTA	
B14:2/8	XS_302_B_I	Global	ALIVIO GLP A TANQUE SEPARADOR VALVULA AOV-302 CERRADA	
B14:2/9	XS_303_A_I	Global	ALIVIO CRUDO A TANQUE CRUDO VALVULA AOV-303 ABIERTA	
B14:2/10	XS_303_B_I	Global	ALIVIO CRUDO A TANQUE CRUDO VALVULA AOV-303 CERRADA	
B14:2/11	XS_305_A_I	Global	ALIVIO GLP A FLARE VALVULA AOV-305 ABIERTA	
B14:2/12	XS_305_B_I	Global	ALIVIO GLP A FLARE VALVULA AOV-305 CERRADA	
B15:0/0	CMP1_AIR_FALLA_AL	Global		
B15:0/1	CMP1_AIR_EN_REM	Global		
B15:0/2	CMP1_AIR_ON	Global		
B15:0/3	CMPAIR1_MANUAL_ON	Global		
B15:0/4				
B15:0/6	CMPAIR2_FALLA_AL	Global		
B15:0/7	CMPAIR2_EN_REM	Global		
B15:0/8	CMP2_AIR_ON	Global		
B15:0/9	CMPAIR2_MANUAL_ON	Global		
B15:0/10			CRUDO-B OSR	
B15:0/11			CRUDO-A OSR	
B15:0/12			GASOLINA OSR	
B15:0/13			GLP OSR	
B15:0/14			INICIA CAMBIO DE PRODUCTO	
B15:0/15			INICIA REVISION DE RECUPERACION DE FLUJO NETO	
B15:1			ONESHOT	
B15:1/6				
B15:1/15				
B16:0/8			llamada	
B16:0/9			colgar	
B17:0/0			PARA BORRAR	
B18:0/14	LLAMAR	Global		
B18:0/15	COLGAR	Global		
B19:0/0	VLVS_FORCE_OPEN	Global	ENTR/SALIDA/BCKPR VALVULA 100% ABIERTA	
B30:0				
B30:0/0				
B30:0/1				
B30:0/2				
B30:0/3				
B30:0/4				
B30:0/5				
B30:0/6				
B30:0/7				
B30:0/8				
B30:0/9				
B30:0/10				
B30:0/11				
B30:0/12				
B30:0/13				
B30:0/14				
B30:0/15				
B30:1				
B30:1/0				
B30:1/1				
B30:1/2				
B30:1/3				
B30:1/4				
B30:1/5				
B30:1/6				
B30:1/7				
B30:1/8				
B30:1/9				
B30:1/10				
B30:1/11				
B30:1/12				
B30:1/13				
B30:1/14				
B30:1/15				

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
B31:0				
B31:0/0				
B31:0/1				
B31:0/2				
B31:0/3				
B31:0/4				
B31:0/5				
B31:0/6				
B31:1/0				
B32:0				
B32:0/0				
B32:0/1				
B32:0/2				
B32:0/3				
B32:0/4				
B32:0/5				
B32:0/6				
B32:0/7				
B32:0/8				
B32:0/9				
B32:0/10				
B32:0/11				
B32:1				
B32:1/0				
B32:1/1				
B32:1/2				
B32:1/3				
B32:2/0				
B32:2/1				
B32:2/2				
B32:2/3				
B32:2/4				
B33:0				
B33:0/0				
B33:0/1				
B33:0/2				
B33:0/4				
B33:0/5				
B33:0/6				
B33:0/7				
B33:0/13				
B33:0/14				
B33:1				
B33:1/0				
B33:1/1				
B33:1/2				
B33:1/3				
B33:1/4				
B33:1/5				
B33:1/6				
B33:1/7				
B33:1/8				
B33:1/9				
B33:1/10				
B33:1/11				
B33:2				
B33:3				
B33:3/0				
B33:3/1				
B33:3/2				
B33:3/3				
B33:3/4				
B33:3/5				
B33:3/10				
B33:3/11				
B33:3/12				
B33:3/13				
B33:4				
B40:0			HMI COMD VALVS	
B40:0/0	XS_219_O	Global	ABRIR VALVULA AOV-219 ALIVIO DESCARGA MB4	
B40:0/1	XS_220_O	Global	ABRIR VALVULA AOV-220 DRENAJE MB4	
B40:0/2	XS_217_O	Global	ABRIR VALVULA AOV-217 ALIVIO DESCARGA MB3	
B40:0/3	XS_218_O	Global	ABRIR VALVULA AOV-218 DRENAJE MB3	
B40:0/4	XS_215_O	Global	ABRIR VALVULA AOV-215 ALIVIO DESCARGA MB2	
B40:0/5	XS_216_O	Global	ABRIR VALVULA AOV-216 DRENAJE MB2	
B40:0/6	HMI_ABRIR_AOV213	Global		
B40:0/7	XS_214_O	Global	ABRIR VALVULA AOV-214 DRENAJE MB1	
B40:1			HMI COMD VALVS	
B40:1/0	XS_219_C	Global	CERRAR VALVULA AOV-219 ALIVIO DESCARGA MB4	
B40:1/1	XS_220_C	Global	CERRAR VALVULA AOV-220 DRENAJE MB4	
B40:1/2	XS_217_C	Global	CERRAR VALVULA AOV-217 ALIVIO DESCARGA MB3	
B40:1/3	XS_218_C	Global	CERRAR VALVULA AOV-218 DRENAJE MB3	
B40:1/4	XS_215_C	Global	CERRAR VALVULA AOV-215 ALIVIO DESCARGA MB2	
B40:1/5	XS_216_C	Global	CERRAR VALVULA AOV-216 DRENAJE MB2	
B40:1/6	HMI_CERRAR_AOV213	Global		
B40:1/7	XS_214_C	Global	CERRAR VALVULA AOV-214 DRENAJE MB1	
B41:0			HMI COMD VALVS	

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Address	Symbol	Scope	Description	Sym Group
B41:0/0	XS_301_O	Global	ABRIR VALVULA AOV-301 ALIVIO CRUDO A TQ SEPARADOR (SPARE)	
B41:0/1	XS_304_O	Global	ABRIR VALVULA AOV-304 ALIVIO GLP A TQ SEPARADOR	
B41:0/2	HMI_ABRIR_AOV101	Global		
B41:0/3	HMI_ABRIR_AOV102	Global		
B41:0/4	XS_302_O	Global	ABRIR VALVULA AOV-302 ALIVIO GLP A TQ SEPARADOR	
B41:0/5	XS_303_O	Global	ABRIR VALVULA AOV-303 ALIVIO CRUDO A TQ CRUDO	
B41:0/6	XS_305_O	Global	ABRIR VALVULA AOV-305 ALIVIO GLP A FLARE	
B41:1			HMI COMD VALVS	
B41:1/0	XS_301_C	Global	CERRAR VALVULA AOV-301 ALIVIO CRUDO A TQ SEPARADOR (SPARE)	
B41:1/1	XS_304_C	Global	CERRAR VALVULA AOV-304 ALIVIO GLP A TQ SEPARADOR	
B41:1/2	HMI_CERRAR_AOV101	Global		
B41:1/3	HMI_CERR_AOV102	Global		
B41:1/4	XS_302_C	Global	CERRAR VALVULA AOV-302 ALIVIO GLP A TQ SEPARADOR	
B41:1/5	XS_303_C	Global	CERRAR VALVULA AOV-303 ALIVIO CRUDO A TQ CRUDO	
B42:0				
B42:0/2	HS_380_M	Global		
B42:1				
B42:1/2	HS_380_P	Global		
B42:1/10				
B42:1/11				
B42:1/15				
B42:2				
B42:2/4				
B42:4/0			pa borrar	
B45:6/12	FCV601_BACKP	Global	BACKPRESS CONTROL MODE	
B45:6/13			LOOP IS IN FLOW CONTROL MODE	
B45:6/15			FLOW LOOP AUTO-MANUAL STATUS ON=MANUAL TO HMI	
B45:7/0			BACKLOOP AUTO MANUAL STATUS ON = MANUAL TO HMI	
B45:8/3	T_CRUDE	Global	TRANSITION PRODUCT IS CRUDE	
B45:8/4	T_GLP	Global	TRANSITION PRODUCT IS LPG	
B45:8/5	T_TRAN	Global	TRANSITION PRODUCT IS TRAN	
B45:10/0			para borrar	
B88:0			WW Command	
B88:1			WW Command	
B88:2			WW Command	
B88:3			WW Command	
B88:4			WW Command	
B88:5			WW Command	
B88:5/0	WW_STR_TRR2	Global		
B88:5/1	WW_STOP_TRR2	Global		
B88:6			WW Command	
B88:6/0	WW_START_B_SLOP	Global		
B88:6/1	WW_STOP_B_SLOP	Global		
B88:6/2	WW_CAMBIO_LOTE	Global		
B88:6/3	WW_RESET	Global		
B88:6/4	WW_START_B_GASO1	Global		
B88:6/5	WW_STOP_B_GASO1	Global		
B88:6/6	WW_START_B_GASO2	Global		
B88:6/7	WW_STOP_B_GASO2	Global		
B88:6/8	WW_STR_B_GLP	Global		
B88:6/9	WW_STOP_B_GLP	Global		
B88:6/10	WW_STR_TRR1	Global		
B88:6/11	WW_STOP_TRR1	Global		
B88:6/12	WW_STR_B1_P53	Global		
B88:6/13	WW_STOP_B1_P53	Global		
B88:6/14	WW_STR_B2_P53	Global		
B88:6/15	WW_STOP_B2_P53	Global		
B88:7/10	CV_502_F_MAN	Global	CV502 FLOW LOOP PUT IN MANUAL PB FROM MMI	
B88:7/12	CV_502_B_MAN	Global	CV502 BACKP LOOP PUT IN MANUAL PB FROM MMI	
B103:8/12			EL PRODUCTO HA CAMBIADO A CRUDO A	
B103:8/13			EL PRODUCTO HA CAMBIADO A CRUDO	
B103:8/14			EL PRODUCTO HA CAMBIADO A GLP	
B103:8/15			EL PRODUCTO HA ACMBIADO A GASOLINA	
B103:9/1				
B103:31/7			BORRAR	
B103:31/8			temporal Aux UPB4	
B103:31/9			temporal Aux UPB3	
B103:31/10			temporal Aux UPB2	
B103:31/11			temporal Aux UPB1	
B103:31/12			temporal UPB4	
B103:31/13			temporal UPB3	
B103:31/14			temporal UPB2	
B103:31/15			temporal UPB1	
B115:0			BITS DE ALARMA 1	
B115:0/0	ALARM_TRIGGER	Global		
B115:0/1	FLUJO_L	Global		
B115:0/2	PT_SUCCION_L	Global		
B115:0/3	PT_DESCARGA_H	Global		
B115:0/4	FQI631_FALLA_COM	Global		
B115:0/5	B_SLOP_N_ARRANCA	Global	BOMBA SLOP NO ARRANCA Y ES ALTO NIVEL	
B115:0/6	B_SLOP_N_PARA	Global	BOMBA SLOP NO PARA Y ES BAJO NIVEL	
B115:0/7	SLOP_N_ARRANCA	Global	ALARMA BOMBA SLOP NO ARRANCA	
B115:0/8	B_GASO1_N_ARRANCA	Global	ALARMA BOMBA GASO1 NO ARRANCA	
B115:0/9	SLOP_GASO1_N_ARRANCA	Global	ALARMA BMB SLOP Y BMB GASO1 NO ARRANCAN	
B115:0/10	B_GASO2_N_ARRANCA	Global	ALARMA BOMBA GASO2 NO ARRANCA	
B115:0/11	ALARMA_BOMBA_1	Global		
B115:0/12	ALARMA_BOMBA_2	Global		

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
B115:0/13	ALARMA_BOMBA_3	Global		
B115:0/14	ALARMA_BOMBA_4	Global		
B115:0/15	PARO_DESDE_QL	Global		
B115:1			BITS DE ALARMA 2	
B115:1/0	V_SUC_BMB1_F	Global		
B115:1/1	V_DESC_BMB1_F	Global		
B115:1/2	V_SUC_BMB2_F	Global		
B115:1/3	V_DESC_BMB2_F	Global		
B115:1/4	V_SUC_BMB3_F	Global		
B115:1/5	V_DESC_BMB3_F	Global		
B115:1/6	V_SUC_BMB4_F	Global		
B115:1/7	V_DESC_BMB4_F	Global		
B115:1/8	AOV_213_N_ABRE	Global		
B115:1/9	AOV_213_N_CIERRA	Global		
B115:1/10	AOV_214_N_ABRE	Global		
B115:1/11	AOV_214_N_CIERRA	Global		
B115:2			BITS DE ALARMA 3	
B115:2/8	AOV_301_N_ABRE	Global		
B115:3			BITS DE ALARMA 4	
B115:3/6	FLUJO_H	Global		
B115:3/7	DENSIDAD_FALLA	Global		
B115:3/8	P_SUCCION_FALLA	Global		
B115:3/9	P_DESCARGA_FALLA	Global		
B115:3/10	PSW_752_L	Global		
B115:3/11	N_SLOP_ALTO	Global		
B115:3/12	FILTRO1_SUCIO	Global		
B115:3/13	FILTRO2_SUCIO	Global		
B115:4			BITS DE ALARMA 5	
B115:4/0	P53_TRR1_NVL_LL	Global		
B115:4/1	P53_RB1_F	Global		
B115:4/2	P53_RV1_F	Global		
B115:4/3	P53_TRR1_F	Global		
B115:4/4	P53_BMB1_F	Global		
B115:4/5	P53_BMB1_AL	Global		
B115:4/6	P53_BMB2_F	Global		
B115:4/7	P53_BMB2_AL	Global		
B115:4/8	P53_TRR2_NVL_LL	Global		
B115:4/9	P53_RV2_F	Global		
B115:4/10	P53_TRR2_F	Global		
B115:4/11	BMB_GLP_F	Global		
B115:4/12	B_GLP_AL	Global		
B115:5			BITS DE ALARMA 6	
B115:5/0	P53_PRESION_L	Global		
B115:5/1	P53_TEMPERATURA_H	Global		
B115:5/2	PT_SUCCION_H	Global		
B115:5/3	PT_SUCCION_HH	Global		
B115:6			BITS DE ALARMA 7	
B115:6/2	P53_FALLA_REFRIGERAC	Global		
B115:7			BITS DE ALARMA 8	
B115:8			PRODUCTO	
B115:8/0			CRUDO-B PARA FC	
B115:8/1				
B115:8/2				
B115:8/3				
B115:8/11	PRODUCTO_DIESEL	Global		
B115:8/12	PROD_CRUDO_A	Global		
B115:8/13	PROD_CRUDO_B	Global		
B115:8/14	PROD_GLP	Global		
B115:8/15	GASOLINA	Global		
B115:9				
B115:9/0	FC_CRUDO	Global		
B115:9/1	FC_GASOLINA	Global		
B115:9/2	FC_GLP	Global		
B115:10			BITS DE PARO 1	
B115:10/0	FLUJO_LL	Global		
B115:10/1	FLUJO_HH	Global		
B115:10/2	PT_SUCCION_LL	Global		
B115:10/3	PT_DESCARGA_HH	Global		
B115:10/4	ESD_PB	Global		
B115:10/5	QL_ESD	Global		
B115:10/6	FALLA_DENSITOMETROS	Global		
B115:11			BITS DE PARO 2	
B115:12			BITS DE FALLA 1	
B115:12/0	PT_131_F	Global		
B115:12/1	PT_130_F	Global		
B115:12/2	PT_611_F	Global		
B115:12/3	PT_610_F	Global		
B115:12/4	PT_612_F	Global		
B115:12/5	PT_613_F	Global		
B115:12/6	P53_PRESION_F	Global		
B115:12/7	P53_TEMPERATURA_F	Global		
B115:12/9	LT_503_F	Global		
B115:12/12	DEN_ABB_F	Global		
B115:12/13	DT_133_F	Global		
B115:12/14	LT_330_F	Global		
B115:12/15	PT_340_F	Global		
B115:13			BITS DE FALLA 2	

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
B115:20			BITS ESTADO 1	
B115:20/0	P53_BR1_ON	Global		
B115:20/1	P53_VR1_ON	Global		
B115:20/2	P53_BMB1_ON	Global		
B115:20/3	P53_BMB2_ON	Global		
B115:20/4	P53_VR2_ON	Global		
B115:20/5	BMB_GLP_AUTO	Global		
B115:20/6	BMB_API_ON	Global		
B115:21			BITS ESTADO 2	
B115:22			BITS ESTADO 3	
B115:23			BITS ESTADO 4	
B115:24			BITS ESTADO 5	
B115:25			BITS ESTADO 6	
B115:26			BITS ESTADO 7	
B115:27			BITS ESTADO 8	
B115:28			BITS ESTADO 9	
B115:29			BITS ESTADO 10	
B116:0			BITS DE ESTADO	
B116:0/0				
B116:0/1				
B116:0/2				
B116:0/3				
B116:0/4				
B116:0/5				
B116:0/7				
B116:1			BITS DE ESTADO	
B116:1/0			FLUJO ESTACION MUY BAJO (PARO)	
B116:2			BITS DE ESTADO	
B116:3			BITS DE ESTADO	
B116:3/0				
B116:3/2				
B116:3/3				
B116:3/13				
B116:4			BITS DE ESTADO	
B116:4/0			Sistema en operación	
B116:4/1	MB1_ENCENDIDA	Global		
B116:4/2	MB2_ENCENDIDA	Global		
B116:4/3	MB3_ENCENDIDA	Global		
B116:4/4	MB4_ENCENDIDA	Global		
B116:4/7	FLUJO_DETENIDO	Global		
B116:5			BITS DE ESTADO	
B123:8/12			ONESHOT	
B123:8/13			ONESHOT	
B123:8/14			ONESHOT	
B123:8/15			ONESHOT	
B123:10/9	INHLV	Global		
B212:0/0			FALLA PT SUCCION	
B212:0/1			FALLA PT-130	
B212:0/2			FALLA PT-611	
B212:0/3			FALLA PT-610	
B212:0/4			FALLA LECTURA PRESION SALIDA PCV-310 CRUDO A TQ SEPARADOR	
B212:0/5			FALLA LECTURA PRESION SALIDA PCV-104 DESCARGA A TANQUE CRUDO	
B212:0/8				
B212:0/9			FALLA LECTURA NIVEL TANQUE CRUDO	
B212:0/10				
B212:0/12			FALLA DEN_ABB	
B212:0/13			FALLA DEN_SOLARTRON	
B212:0/14				
B212:0/15				
B212:1/0	AOV101_N_ABRE	Global		
B212:1/1	XS_102_F	Global	NO ABRE VALVULA AOV-102	
B212:1/2	AL_AOV213_ABR_F	Global		
B212:1/3	XS_214_F	Global	NO ABRE VALVULA AOV-214	
B212:1/4	XS_215_F	Global	NO ABRE VALVULA AOV-215	
B212:1/5	XS_216_F	Global	NO ABRE VALVULA AOV-216	
B212:1/6	XS_217_F	Global	NO ABRE VALVULA AOV-217	
B212:1/7	XS_218_F	Global	NO ABRE VALVULA AOV-218	
B212:1/8	XS_219_F	Global	NO ABRE VALVULA AOV-219	
B212:1/9	XS_220_F	Global	NO ABRE VALVULA AOV-220	
B212:1/10	XS_301_AF	Global	NO ABRE VALVULA AOV-301	
B212:1/11	XS_302_F	Global	NO ABRE VALVULA AOV-302	
B212:1/12	XS_303_F	Global	NO ABRE VALVULA AOV-303	
B212:1/13	XS_304_F	Global	NO ABRE VALVULA AOV-304	
B212:1/14	XS_305_F	Global	NO ABRE VALVULA AOV-305	
B212:2/0	AOV101_N_CIERR	Global		
B212:2/1			NO CIERRA VALVULA AOV-102	
B212:2/2	AL_AOV213_CERR_F	Global		
B212:2/3			NO CIERRA VALVULA AOV-214	
B212:2/4			NO CIERRA VALVULA AOV-215	
B212:2/5			NO CIERRA VALVULA AOV-216	
B212:2/6			NO CIERRA VALVULA AOV-217	
B212:2/7			NO CIERRA VALVULA AOV-218	
B212:2/8			NO CIERRA VALVULA AOV-219	
B212:2/9			NO CIERRA VALVULA AOV-220	
B212:2/10	XS_301_BF	Global	NO CIERRA VALVULA AOV-301	
B212:2/11			NO CIERRA VALVULA AOV-302	
B212:2/12			NO CIERRA VALVULA AOV-303	

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
B212:2/13			NO CIERRA VALVULA AOV-304	
B212:2/14			NO CIERRA VALVULA AOV-305	
B212:9				
B212:9/0	OK_DT133	Global		
B212:9/1	OK_DT130	Global		
B212:9/2			Error en la medicion de Densidad Proceso	
B212:9/5			Habilitar TRansferencia de Densidad del ESD a Proceso	
C5:0	PCV311_XCENT_ABR	Global		
F8:1	FQI_631	Global	FLUJO NETO PARA HMI (BBL/DIA) (MODBUS)	
F8:3	FQI_631G	Global	FLUJO BRUTO PARA HMI (BBL/DIA)	
I:2/0	DI_QL_SD_UB1	Global		
I:2/1	DI_QL_SD_UB2	Global		
I:2/2	DI_QL_SD_UB3	Global		
I:2/3	DI_QL_SD_UB4	Global		
I:2/4				
I:2/5				
I:2/6				
I:2/7				
I:2/8				
I:2/9				
I:2/10				
I:2/11				
I:2/12				
I:2/13				
I:2/14				
I:2/15				
I:3.0	DT_130_AI	Global		
I:3.1	PT_130_AI	Global		
I:3.2	PT_611_AI	Global		
I:3.3	PT_610_AI	Global		
I:3.4	PT_612_AI	Global		
I:3.5	PT_613_AI	Global		
I:3.6	P53_TORRE_PRESION	Global		
I:3.7	P53_TORRE_TEMP	Global		
I:3.8	PT_131_AI	Global	Presión Salchicha	
I:3.9	NIVEL_TQ_CRUDO_AI	Global		
I:3.10	NIV_TQ_SEP_AI	Global		
I:3.11	NIVEL_SLOP_AI	Global		
I:3.12	DEN_ABB_AI	Global		
I:3.13	DG702_AI	Global		
I:3.14	DT130_AI	Global	Densitometro ESD	
I:3.15	DG704_AI	Global		
I:7.6	P53_PRSS	Global		
I:7.7	P53_TEMP	Global		
I:11/0	PSW_752_DI	Global	aire de instrumentos l=baja presion	
I:11/1	BMB_GLP_ON_DI	Global		
I:11/2	BMB_GLP_AUTO_DI	Global		
I:11/3	BMB_GLP_F_DI	Global		
I:11/4	BMB_API_ON_DI	Global		
I:11/5	XS_219_A	Global	ALIVIO CRUDO MB4 VALVULA AOV-219 ABIERTA	
I:11/6	XS_219_B	Global	ALIVIO DESCARGA MB4 VALVULA AOV-219 CERRADA	
I:11/7	XS_220_A	Global	DRENAJE MB4 VALVULA AOV-220 ABIERTA	
I:11/8	XS_220_B	Global	DRENAJE MB4 VALVULA AOV-220 CERRADA	
I:11/9	XS_217_A	Global	ALIVIO DESCARGA MB3 VALVULA AOV-217 ABIERTA	
I:11/10	XS_217_B	Global	ALIVIO DESCARGA MB3 VALVULA AOV-217 CERRADA	
I:11/11	XS_218_A	Global	DRENAJE MB3 VALVULA AOV-218 ABIERTA	
I:11/12	XS_218_B	Global	DRENAJE MB3 VALVULA AOV-218 CERRADA	
I:11/13	XS_215_A	Global	ALIVIO DESCARGA MB2 VALVULA AOV-215 ABIERTA	
I:11/14	XS_215_B	Global	ALIVIO DESCARGA MB2 VALVULA AOV-215 CERRADA	
I:11/15	XS_216_A	Global	DRENAJE MB2 VALVULA AOV-216 ABIERTA	
I:11/16	XS_216_B	Global	DRENAJE MB2 VALVULA AOV-216 CERRADA	
I:11/17	AOV213_ABIERTA_DI	Global		
I:11/18	AOV213_CERRADA_DI	Global		
I:11/19	XS_214_A	Global	DRENAJE MB1 VALVULA AOV-214 ABIERTA	
I:11/20	XS_214_B	Global	DRENAJE MB1 VALVULA AOV-214 CERRADA	
I:11/21	XS_301_A	Global	ALIVIO A TANQUES VALVULA AOV-301 ABIERTA	
I:11/22	XS_301_B	Global	ALIVIO A TANQUES VALVULA AOV-301 CERRADA	
I:11/23	XS_304_A	Global	ALIVIO GLP A TANQUE SEPARADOR VALVULA AOV-304 ABIERTA	
I:11/24	XS_304_B	Global	ALIVIO GLP A TANQUE SEPARADOR VALVULA AOV-304 CERRADA	
I:11/25	SLOP_AUTO_DI	Global	CONMUTADOR AUTO/MAN BOMBA SLOP	
I:11/26	BMB_SLOP_ON_DI	Global		
I:11/27	GASO1_AUTO_DI	Global	CONMUTADOR AUTO/MAN BOMBA GASO 1	
I:11/28	GASO1_ON_DI	Global		
I:11/29	GASO2_AUTO_DI	Global	CONMUTADOR AUTO/MAN BOMBA GASO 2	
I:11/30	GASO2_ON_DI	Global		
I:11/31	XS_701	Global	IGNICION FLARE GLP	
I:12/0	XS_102_A_DI	Global		
I:12/1	XS_102_B_DI	Global		
I:12/2	XS_101_A_DI	Global		
I:12/3	XS_101_B_DI	Global		
I:12/4	P53_TRR1_NVL_DI	Global		
I:12/5	P53_TRR1_BR_ON_DI	Global		
I:12/6	P53_TRR1_BR_F_DI	Global		
I:12/7	P53_TRR1_VR_ON	Global		
I:12/8	P53_TRR1_VR_F	Global		
I:12/9	P53_BMB1_ON_DI	Global		
I:12/10	P53_BMB1_F_DI	Global		

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
I:12/11	P53_BMB2_ON_DI	Global		
I:12/12	P53_BMB2_F_DI	Global		
I:12/13	PDS_161_DI	Global	FILTRO 2 SUCIO (NORMAL. CERRADO)	
I:12/14	XS_302_A	Global	ALIVIO GLP A TANQUE SEPARADOR VALVULA AOV-302 ABIERTA	
I:12/15	XS_302_B	Global	ALIVIO GLP A TANQUE SEPARADOR VALVULA AOV-302 CERRADA	
I:12/16	XS_303_A	Global	ALIVIO CRUDO A TANQUE CRUDO VALVULA AOV-303 ABIERTA	
I:12/17	XS_303_B	Global	ALIVIO CRUDO A TANQUE CRUDO VALVULA AOV-303 CERRADA	
I:12/18	XS_305_B	Global	ALIVIO GLP A FLARE VALVULA AOV-305 CERRADA	
I:12/19	PDS_160_DI	Global	FILTRO 1 SUCIO (NORMAL. CERRADO)	
I:12/20	P53_TRR2_VR_ON_DI	Global		
I:12/21	P53_TRR2_NVL_DI	Global		
I:12/22	DI_ESD_PB	Global		
I:12/23	CMPAIRE1_FALLA_DI	Global	CON FALLA=0	
I:12/24	CMPAIR1_REM_DI	Global		
I:12/25	CMPAIR1_ON_DI	Global	ENCENDIDO=0	
I:12/26	CMPAIRE2_FALLA_DI	Global		
I:12/27	CMPAIR2_REM_DI	Global		
I:12/28	CMPAIR2_ON_DI	Global		
I:12/29	P53_TRR2_VR_F	Global		
I:12/30	QL_NO_PURGA	Global		
I:12/31	QL_ESD_LIQ	Global		
N7:0			Tiempo de Rampa apertura AOV-311 (Seg)	
N7:1	FLW_NET	Global		
N7:2	GROSS_FLOW_RATE	Global		
N7:3	PT_611	Global	PRESION DESCARGA UNIDADES	
N7:4	PT_610	Global	PRESION DESCARGA PLANTA	
N7:5			CAUDAL FQI-631 BARRILES-HORA	
N7:6	DENSIDAD	Global		
N7:7	PT_131	Global	PRESION SUCCIÓN planta	
N7:8	PT_130	Global	PRESION SUCCIÓN UNIDADES	
N7:99			BORRAR	
N9:0	DELTA_BRUTO_NETO	Global		
N9:10			DATO FLUJO INTERMEDIO	
N9:11	ULTIMO_FLUJO	Global		
N9:12	FLUJO_NETO_ACTUAL	Global		
N9:13	FLUJO_BRUTO_ACTUAL	Global		
N9:15				
N9:16				
N9:21			para el escalado LT-330	
N9:22			para el escalado LT-330	
N9:23			PARA EL ESCALDO	
N9:24			para el escalado	
N9:25			para borrar	
N10:1			FC DATE WORD 1	
N10:3			FC TIME WORD 1	
N11:0			PRESION SUCCIÓN (PSIG)	
N11:1			PRESION SUCCIÓN UNIDADES (PSIG)	
N11:2			PRESION DESCARGA (PSIG)	
N11:3				
N11:4	PT_612	Global	PRESION ALIVIO DESCARGA PLANTA PCV-310 DESCARGA A TANQUE SEPARADOR (PSIG)	
N11:5	PT_613	Global	PRESION ALIVIO SUCCION PLANTA PCV-104 DESCARGA A TANQUE CRUDO (PSIG)	
N11:6	P53_PRESION	Global		
N11:7	P53_TEMPERATURA	Global		
N11:8				
N11:9	LT_503	Global	NIVEL TANQUE CRUDO (PIES) (ALTURA MAX. 24 FT)	
N11:10			ABB	
N11:11	NIVEL_SLOP	Global	Sensor Nivel Pozo Slop	
N11:12	DENSIDAD_ABB	Global		
N11:13	DT_133	Global	DENSIDAD SOLARTRON (GR/CC)	
N11:14	LT_330	Global	NIVEL DE TQ SEPARADOR 5,58 pies	
N11:15	PT_340	Global	PRESIÓN TQ SEPARADOR DESDE QL	
N12:0			SALIDA FCV-601 (WONDERWARE)	
N12:2	APERTURA_PCV311	Global		
N20:6				
N20:18	LT_503_SP_H	Global		
N20:19	LT_330_SP_H	Global		
N20:20	CRU_SUC_PRS_AL	Global		
N20:21	CRU_SUC_PRS_SD	Global		
N20:22	GLP_SUC_PRS_AL	Global		
N20:23	GLP_SUC_PRS_SD	Global		
N21:6				
N21:23				
N22:0			ONESHOT	
N22:1			ONESHOT	
N22:2			ONESHOT	
N22:3			ONESHOT	
N22:4			ONESHOT	
N22:5			ONESHOT	
N22:6			ONESHOT	
N22:7			ONESHOT	
N22:8			ONESHOT	
N22:9			ONESHOT	
N22:10			ONESHOT	
N22:11			ONESHOT	
N22:12			ONESHOT	
N22:13			ONESHOT	
N22:14			ONESHOT	

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
N22:15			ONESHOT	
N23:0			ONESHOT ALM	
N23:1			ONESHOT ALM	
N23:2			ONESHOT ALM	
N23:3			ONESHOT ALM	
N23:4			ONESHOT ALM	
N23:5			ONESHOT ALM	
N23:6			ONESHOT ALM	
N23:7			ONESHOT ALM	
N23:8			ONESHOT ALM	
N23:9			ONESHOT ALM	
N23:10			ONESHOT ESD	
N23:11			ONESHOT ALM	
N23:12			ONESHOT FLT	
N23:13			ONESHOT ALM	
N23:14			ONESHOT ALM	
N23:15			ONESHOT ALM	
N24:20			para borrar PT-610	
N24:21			para borrar PT-611	
N24:22			para borrar	
N24:23			para borrar	
N29:0				
N29:1				
N29:2				
N29:3				
N29:4				
N29:5				
N29:6				
N29:7				
N29:8	DG_H_SP	Global		
N29:9	DG_HH_SP	Global		
N29:10				
N29:11				
N29:12				
N29:13				
N29:20				
N34:0	DENSIDAD_PRODUCTO	Global		
N34:1	FC_SW_CR_GAS	Global	CRUDE TO GASOLINE TRANSITION DENSITY	
N34:2	FC_SW_LPG_GAS	Global	FLOW COMPUTER SWITCH FROM LPG TO GASOLINE	
N34:3	FC_SW_CRD_B_CRD_A	Global	CRUDE B TO CRUDE A TRANSITION DENSITY	
N34:4	FC_SW_CRD_B_DIESEL	Global	CRUDE B TO DIESEL TRANSITION DENSITY	
N34:10	FC_GASL_MIN_SP	Global		
N34:11	FC_GASL_MAX_SP	Global		
N34:12	FC_CRUD_A_MIN_SP	Global		
N34:13	FC_CRUD_A_MAX_SP	Global		
N34:14	FC_CRUD_MIN_SP	Global		
N34:15	FC_GLP_MIN_SP	Global		
N34:16	FC_CRUD_MAX_SP	Global		
N34:17	FC_DIESEL_MIN_SP	Global		
N34:20	FC_GLP_A_GASL_SP	Global		
N34:21	FC_GASL_A_CRUD_SP	Global		
N35:1	NUM_PROD_CRUDO_B	Global	CRUDE A PRODUCT NUMBER	
N35:2	NUM_PROD_CRUDO_A	Global	CRUDE B PRODUCT NUMBER	
N35:3			DIESEL PRODUCT NUMBER	
N35:4	NUM_PROD_GLP	Global	LPG PRODUCT NUMBER	
N35:5	NUM_PROD_GASOLINA	Global		
N35:11	VISCOSID_CRUDO_A	Global	CRUDE A VISCOSITY IN CENTIPOISE 4 IMPLIED DECIMALS	
N35:12	VISCOSIDAD_CRUDO_B	Global	CRUDE B VISCOSITY IN CENTIPOISE 4 IMPLIED DECIMALS	
N35:14	VISCOSIDAD_GLP	Global	LPG VISCOSITY IN CENTIPOISE 4 IMPLIED DECIMALS	
N35:15	VISCOSIDAD_GASOLINA	Global	GASOLINE VISCOSITY IN CENTIPOISE 4 IMPLIED DECIMALS	
N35:37	FC_VISCOSIDAD	Global		
N35:43			Presión Tanque Salchicha	
N61:0	SP_FLUJO_LL	Global		
N61:1	SP_FLUJO_L	Global		
N61:2	SP_FLUJO_H	Global		
N69:0			PUERTO SERIAL 1 CONFIGURACION	
N69:10			PUERTO SERIAL 2 CONFIGURACION	
N70:0			sin uso	
N70:1			fecha alto	
N70:2			fecha bajo	
N70:3			hora alto	
N70:4			hora bajo	
N70:5			alarmal	
N70:6			alarma 2	
N70:7			alarma 3	
N70:8			alarma 4	
N70:9			alarma 5	
N70:10			alarma 6	
N70:12			sin uso	
N70:13			sin uso	
N70:14			sin uso	
N70:15			sin uso	
N70:16			sin uso	
N70:17			sin uso	
N70:18			sin uso	
N70:19			fecha alto	
N70:20			fecha bajo	

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
N70:21			hora alto	
N70:22			hora bajo	
N70:23			viscosidad alto	
N70:24			viscosidad bajo	
N70:25			# de producto alto anterior	
N70:26			# de producto bajo anterior	
N70:27			# de producto alto	
N70:28			# de producto bajo	
N70:29			# de producto alto	
N70:30			# de producto bajo	
N70:31			# tabla usada alto anterior	
N70:32			# tabla usada bajo anterior	
N70:33			fecha fin bache alto	
N70:34			fecha fin bache bajo	
N70:35			hora fin bache alto	
N70:36			hora fin bache bajo	
N70:37			fecha ini bache alto	
N70:38			fecha ini bache bajo	
N70:39			hora ini bache alto	
N70:40			hora ini bache bajo	
N70:41			batch Gross alto anterior	
N70:42			batch Gross bajo anterior	
N70:43			batch Net alto anterior	
N70:44			batch Net bajo anterior	
N70:45			batch Net alto anterior	
N70:46			batch Gross bajo anterior	
N70:47			batch Net alto anterior	
N70:48			batch Gross bajo anterior	
N70:49			fecha ini bache alto	
N70:50			fecha ini bache bajo	
N70:51			hora ini bache alto	
N70:52			hora ini bache bajo	
N70:53			batch Gross alto	
N70:54			batch Gross bajo	
N70:55			batch Net alto	
N70:56			batch Net bajo	
N70:57			# bache alto	
N70:58			# bache bajo	
N70:59			Totl acuml Grss alto	
N70:60			Totl acuml Grss bajo	
N70:61			Totl acuml Net alto	
N70:62			Totl acuml Net bajo	
N70:63			sin uso	
N70:64			sin uso	
N70:65			sin uso	
N70:66			sin uso	
N70:67			sin uso	
N70:68			sin uso	
N70:69			sin uso	
N70:70			sin uso	
N70:71			sin uso	
N70:72			sin uso	
N70:73			sin uso	
N70:74			sin uso	
N70:75			sin uso	
N70:76			sin uso	
N70:77			sin uso	
N70:78			sin uso	
N70:79			sin uso	
N70:80			sin uso	
N70:81			sin uso	
N70:82	GROSS_RATE_FLOW	Global	flujo Gross Rate	
N70:83	NET_RATE_FLOW	Global	flujo Net Rate	
N70:84			flujo Mass Rate	
N70:85			forware Batch Gross	
N70:86			forware Batch Net	
N70:87			forware Batch Mass	
N70:88			Medidor Presión diferencial	
N70:89			medidor temperatura	
N70:90			medidor presión X 10	
N70:91			medidor densidad GR/CC X 1000	
N70:92			densit tempe X100	
N70:93			siguiente producto	
N70:94			finalizar Batch	
N70:95			requerir reporte de último batch	
N70:96			producto usado	
N70:97			producto usado	
N70:98			producto usado	
N70:99			producto usado	
N70:100	FC_NUM_PRODUCTO	Global		
N70:101			tabla usada	
N70:102			sin uso	
N70:103			sin uso	
N70:104			sin uso	
N70:105			sin uso	
N70:106			sin uso	
N70:107			sin uso	

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
N70:108			sin uso	
N70:109			sin uso	
N70:110			sin uso	
N70:111			sin uso	
N70:112			sin uso	
N70:113			sin uso	
N70:114			sin uso	
N70:115			sin uso	
N70:116			sin uso	
N70:117			sin uso	
N70:118			sin uso	
N70:119			sin uso	
N70:120			sin uso	
N70:121			sin uso	
N70:122			sin uso	
N70:180/0			NIVEL TQ SEPARADOR MUY ALTO 0=ACTIVO	
N70:180/5			PRESION SUCCION PLANTA ALTA 0=ACTIVO	
N70:180/6			PRESION DESCARGA PLANTA MUY ALTA 0=ACTIVO	
N70:180/8			NIVEL TQ CRUDO MUY ALTO 0=ACTIVO	
N70:180/10			VALV SUCCION ABIERTA	
N70:180/11			V.SUCCIÓN PLANTA CERRADA	
N70:180/12			VALV DESCARGA ABIERTA	
N70:180/13			VALV DESCARGA CERRADA	
N70:180/14	ALM_SONORA_QL_DI	Global		
N70:180/15	ALM_VISUAL_QL_DI	Global		
N70:200			viscosidad alto	
N70:201			viscosidad bajo	
N70:202	FC_NUM_PROD	Global	Prod Siguiente LOTE	
N70:203	FC_CAMBIO_LOTE	Global		
N70:204			Requerir reporte último Batch	
N77:0/1			FLOW LOOP SELECTED STATUS ON=MANUAL TO HMI	
N77:2	FCV_601_F_SP	Global	FCV601 FLOW LOOP SETPOINT ENG UNITS	
N77:31	FCV_601_SW_B	Global	FCV601 LOOP SWITCH TO BACKPRESSURE CONTROL SWITCHPOINT	
N77:32	FCV_601_SW_F	Global	FCV601 LOOP BACK TO FLOW CONTROL SWITCHPOINT	
N77:33			FCV601 SELECTED SETPOINT (EITHER FLOW OR BACKPRESS)	
N77:36	NUM_PRODUCTO	Global		
N77:40	T_DEN	Global	TRANSITION DENSITY GM/CC	
N77:41	T_GLP_SP	Global	CRUDE TO LPG TRANSITION START DENSITY	
N77:42	T_CRUDE_SP	Global	LPG TO CRUDE TRANSITION START DENSITY	
N77:46	T_F_SP_CRU	Global	FLOW CONTROL SETPOINT CRUDE	
N77:47	T_F_SP_GLP	Global	FLOW CONTROL SETPOINT LPG	
N77:48			FLOW CONTROL SETPOINT TRAN	
N77:56	T_B_SP_CRU	Global	FLOW CONTROL SETPOINT CRUDE	
N77:57	T_B_SP_GLP	Global	FLOW CONTROL SETPOINT LPG	
N77:58	T_B_SP_TRAN	Global	FLOW CONTROL SETPOINT TRAN	
N77:61	T_SW_B_CRU	Global	FLOW TO BACKP SWITCHPOINT CRUDE	
N77:62	T_SW_B_GLP	Global	FLOW TO BACKP SWITCHPOINT LPG	
N77:63	T_SW_B_TRAN	Global	FLOW TO BACKP SWITCHPOINT TRAN	
N77:66	T_SW_F_CRU	Global	BACKP RETURN TO FLOW SWITCHPOINT CRUDE	
N77:67	T_SW_F_GLP	Global	BACKP RETURN TO FLOW SWITCHPOINT LPG	
N77:68	T_SW_F_TRAN	Global	BACKP RETURN TO FLOW SWITCHPOINT TRAN	
N78:0/1			MODO MANUAL	
N78:2			FCV601 FLOW LOOP SETPOINT ENG UNITS	
N122:0/0			PLC SUPERVISOR FUNCIONANDO (NODO 20)	
N122:0/1			GLP DESDE PLC SUPERVISOR	
N122:0/2	RESET	Global		
N122:0/3			PURGA ETAPA1 ORDEN CERRAR VALVULAS A MOTOBOMBAS	
N122:0/6	CMPS_ESD	Global		
N122:0/7	SHUTDOWN_SUP	Global	PARO REMOTO DESDE PLC SUPERVISOR	
N122:0/8	BMB1_SD_CMD	Global		
N122:0/9	BMB2_SD_CMD	Global		
N122:0/10	BMB3_SD_CMD	Global		
N122:0/11	BMB4_SD_CMD	Global		
N122:0/12			PURGA BMB1 ABIERTA	
N122:0/13			PURGA BMB2 ABIERTA	
N122:0/14			PURGA BMB3 ABIERTA	
N122:0/15			PURGA BMB4 ABIERTA	
N140:0			producto usado	
N140:1			fecha mes	
N140:2			fecha día	
N140:3			fecha año	
N140:4			hora minutos	
N140:6			Batch inicio fecha mes	
N140:7			Batch icicio fecha día	
N140:8			Batch inicio fecha año	
N140:9			Batch inicio hora minutos	
N140:10			Acumulado Gross alto	
N140:11			Acumulado Gross bajo	
N140:12			Acumulado Neto alto	
N140:13			acumulado neto bajo	
N248:0	PRES_SUC_SD	Global		
N248:1	PRES_SUC_AL	Global		
N248:2	PRES_SUC_H_AL	Global		
N248:3	PRES_SUC_HH_AL	Global		
N249:0			ENVIAR REGISTRO B3:1 A MOTOBOMBA 2 DATOS: TIPO DE FLUIDO SHUTDOWN REMOTO	
N255:5			DT130MINEU	
N255:7	DT130_ESD	Global		

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
N255:8	DT133_PROC	Global	DT-130	
O:4.0	FCV_601_AO	Global	SALIDA A VALVULA REGULADORA FCV-601	
O:4.1	PCV_310	Global	ALIVIO CRUDO A TQ SEPARADOR	
O:4.2	PCV_311	Global	ALIVIO GLP A TQ SEPARADOR	
O:4.3	PCV_312	Global	ALIVIO GLP A FLARE	
O:5.0	PCV_103	Global	ALIVIO GLP DIRECTO A TQ SEPARADOR	
O:5.1	PCV_104	Global	ALIVIO CRUDO DIR. A TQ CRUDO	
O:5.2	FQI_631_Q	Global	FLUJO SALIDA ESTACION BBL/DIA (REDIR. A QUADLOG)	
O:5.3	SOLARTRON_A_QL	Global	SEÑAL AL QL	
O:6/0	ESD_100_OPEN_CMD_DO	Global		
O:6/1	ESD_600_OPEN_CMD_DO	Global		
O:6/2	ARM_1_OPEN_CMD_DO	Global		
O:6/3	ARM_2_OPEN_CMD_DO	Global		
O:6/4	ARM_3_OPEN_CMD_DO	Global		
O:6/5	ARM_4_OPEN_CMD_DO	Global		
O:6/6	ARM_5_OPEN_CMD_DO	Global		
O:7/0	XS_219	Global	ALIVIO DESCARGA MB4 VALVULA AOV-219 OPERACION REMOTA	
O:7/1	XS_220	Global	DRENAJE MB4 VALVULA AOV-220 OPERACION REMOTA	
O:7/2	XS_217	Global	ALIVIO DESCARGA MB3 VALVULA AOV-217 OPERACION REMOTA	
O:7/3	XS_218	Global	DRENAJE MB3 VALVULA AOV-218 OPERACION REMOTA	
O:7/4	XS_215	Global	ALIVIO DESCARGA MB2 VALVULA AOV-215 OPERACION REMOTA	
O:7/5	XS_216	Global	DRENAJE MB2 AOV-216 OPERACION REMOTA	
O:7/6	BALIZA_AZUL	Global		
O:7/7	XS_214	Global	DRENAJE MB1 VALVULA AOV-214 OPERACION REMOTA	
O:8/0	XS_301	Global	ALIVIO CRUDO A TQ SEPARADOR VALVULA AOV-301 OPERACION REMOTA	
O:8/1	XS_304	Global	ALIVIO GLP A TQ SEPARADOR VALVULA AOV-304 OPERACION REMOTA	
O:8/2	XS_102_O	Global		
O:8/3	XS_101_O	Global		
O:8/4	XS_302	Global	ALIVIO GLP A TQ SEPARADOR VALVULA AOV-302 OPERACION REMOTA	
O:8/5	XS_303	Global	ALIVIO CRUDO A TQ CRUDO VALVULA AOV-303 OPERACION REMOTA	
O:8/6	XS_305	Global	ALIVIO GLP A FLARE VALVULA AOV-305 OPERACION REMOTA	
O:8/7	ALM_SONORA_DO	Global	ALARMA SONORA	
O:9.0				
O:9/0	GASO1_STR_CMD_DO	Global	BOMBA GASSO 1 OPERACION REMOTA	
O:9/1	GASO2_START_CMD_DO	Global	B GASSO 2 COMANDO ARRANCAR	
O:9/2	B_GLP_STR_DO	Global	BOMBA GLP COMANDO ARRANCAR	
O:9/3	B_SLOP_START_DO	Global	BOMBA SLOP COMANDO ARRANCAR	
O:9/4	P53_TRR1_STR_DO	Global	P53 TORRE1 COMANDO ARRANCAR	
O:9/5	ALM_VISUAL	Global	ALARMA VISUAL ESTROBOSCOPICA	
O:9/6	ALARMA_ACTIVIA_DO	Global		
O:9/7	ESD_ACTIVIO_DO	Global		
O:10/0	P53_BMB1_STR_DO	Global		
O:10/1	P53_BMB1_STOP_DO	Global		
O:10/2	P53_BMB2_STR_DO	Global		
O:10/3	P53_BMB2_STOP_DO	Global		
O:10/4	P53_TRR2_STR_DO	Global		
O:10/5	P53_TRR2_STOP_DO	Global		
O:10/7	MOT_ELECT_ESD_DO	Global		
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	

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
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	
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			BIT BANDERA DE NODO ACTIVO DH+ HABILITADO	
S:34/2			Floating Point Math Flag Disable	
S:34/3			TRANSMISION DE PALABRA GLOBAL DE ESTADOS HABILITADA	
S:34/4			RECEPCION DE PALABRA GLOBAL DE ESTADOS HABILITADA	
S:35			Last 1 ms Scan Time	
S:36			Extended Minor Error Bits	
S:36/8			Dll 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			Dll 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			Discrete Input Interrupt- Timer	
S:54			Discrete Input Interrupt- Timer	
S:55			Last Dll Scan Time	
S:56			Maximum Observed Dll 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	

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
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:83/8			SAMAIPATA SUPERVISOR DH+ NODE 10 ACTIVE	
S:83/9			SAMAIPATA PUMP 1 DH+ NODE 11 ACTIVE	
S:83/10			SAMAIPATA PUMP 2 DH+ NODE 12 ACTIVE	
S:83/11			SAMAIPATA PUMP 3 DH+ NODE ACTIVE	
S:83/12			SAMAIPATA PUMP 4 DH+ NODE 14 ACTIVE (future)	
S:83/15			SAMAIPATA WONDERWARE DH+ NODE 17 ACTIVE	
S:84			DH+ Active Nodes	
S:84/0			OCONI SUPERVISOR DH+ NODE 20 ACTIVE	
S:84/1			OCONI PUMP 1 DH+ NODE 21 ACTIVE (future)	
S:84/2			OCONI PUMP 2 DH+ NODE 22 ACTIVE	
S:84/3			OCONI PUMP 3 DH+ NODE 23 ACTIVE	
S:84/4			OCONI PUMP 4 DH+ NODE 24 ACTIVE	
S:84/7			OCONI WONDERWARE DH+ NODE 27 ACTIVE	
S:84/8			BUENA VISTA SUPERVISOR DH+ NODE 30 ACTIVE	
S:84/9			BUENA VISTA PUMP 1 DH+ NODE 31 ACTIVE	
S:84/10			BUENA VISTA PUMP 2 DH+ NODE 32 ACTIVE	
S:84/11			BUENA VISTA PUMP 3 DH+ NODE 33 ACTIVE	
S:84/12			BUENA VISTA PUMP 4 DH+ NODE 34 ACTIVE	
S:84/15			BUENA VISTA WONDERWARE DH+ NODE 37 ACTIVE	
S:85			DH+ Active Nodes	
S:85/0			CARRASCO SUPERVISOR DH+ NODE 40 ACTIVE	
S:85/1			CARRASCO PUMP 1 DH+ NODE 41 ACTIVE	
S:85/2			CARRASCO PUMP 2 DH+ NODE 42 ACTIVE	
S:85/3			CARRASCO PUMP 3 DH+ NODE 43 ACTIVE (future)	
S:85/4			CARRASCO PUMP 4 DH+ NODE 44 ACTIVE (future)	
S:85/7			CARRASCO WONDERWARE DH+ NODE 47 ACTIVE	
S:86			DH+ Active Nodes	
S:99			PALABRA GLOBAL DINAMICA DE ESTADOS	
S:99/0			PLC SUPERVISOR FUNCIONANDO (NODO 20)	
S:99/1			MOTOBOMBA 1 EN OPERACION	
S:99/2				
S:99/4			MOTOBOMBA 1 CON ALARMA ACTIVA (ONESHOT)	
S:99/7			PARO DE PLANTA DESDE PLC SUPERVISOR	
S:109			SAMAIPATA PUMP 1 GLOBAL STATUS WORD	
S:117				
S:117/0			BMB1 en Operacion	
S:117/2	UB1_V_SUC_F	Global		
S:117/4	UB1_V_DESC_F	Global		
S:117/5	WARNING_MB1	Global	WARNING MB1	
S:117/6			BMB1 SD	
S:117/7			BMB1 SUCCIÓN CERRADA	
S:117/8			BMB1 FALLA CERRAR SUCCION	
S:117/9			BMB1 DESCARGA CERRADA	
S:117/10			BMB1 FALLA CERRAR DESCARGA	
S:117/14			BMB 1 PURGA ACTIVA	
S:117/15			BMB 1 PLC ACTIVO	
S:118/0			BMB2 en operación	
S:118/2	UB2_V_SUC_F	Global		
S:118/4	UB2_V_DESC_F	Global		
S:118/5	WARNING_MB2	Global	WARNING MB2	
S:118/6			BMB2 SD	
S:118/7			BMB2 SUCCIÓN CERRADA	
S:118/8			BMB2 CERRAR SUCCIÓN FALLA	
S:118/9			BMB2 DESCARGA CERRADA	
S:118/10			BMB2 CERRAR DESCARAGA FALLA	
S:118/14			BMB 2 PURGA ACTIVA	
S:118/15			BMB 2 PLC ACTIVO	
S:119/0			BMB3 en operación	
S:119/1				
S:119/2	UB3_V_SUC_F	Global		
S:119/3				
S:119/4	UB3_V_DESC_F	Global		
S:119/5	WARNING_MB3	Global	WARNING MB3	
S:119/6			BMB3 SD	
S:119/7			BMB3 SUCCIÓN CERRADA	
S:119/8			BMB3 CERRAR SUCCIÓN FALLA	
S:119/9			BMB3 DESCARAGA CERRADA	
S:119/10			BMB3 CERRAR DESCARGA FALLA	
S:119/14			BMB 3 PURGA ACTIVA	
S:119/15			BMB 3 PLC ACTIVO	
S:120/0			BMB4 en operación	

Address/Symbol Database

Address	Symbol	Scope	Description	Sym Group
S:120/2	UB4_V_SUC_F	Global		
S:120/4	UB4_V_DESC_F	Global		
S:120/5	WARNING_MB4	Global	WARNING MB4	
S:120/6			BMB4 SD	
S:120/7			BMB4 SUCCIÓN CERRADA	
S:120/8			BMB4 CERRAR SUCCIÓN FALLA	
S:120/9			BMB4 DESCARGA CERRADA	
S:120/10			BMB4 CERRAR DESCARGA FALLA	
S:120/14			BMB 4 PURGA ACTIVA	
S:120/15			BMB 4 PLC ACTIVO	
S:125			BUENA VISTA PUMP 1 GLOBAL STATUS WORD	
S:133			CARRASCO PUMP 1 GLOBAL STATUS WORD	
T4:0	ALM_SONORA_TMR	Global	TIMER 0 ALARMA SONORA	
T4:1	VL_SUC_DES_FALLA_TMR	Global		
T4:2	RESET_OUT_TMR	Global		
T4:3	BMB_ARRANQ_TMR	Global		
T4:4	BMB_GASO1_ARRANQ_TMR	Global		
T4:5	BMB_GASO2_ARRANQ_TMR	Global		
T4:6	LIMPIAR_CMDS_TMR	Global		
T4:7	BMB_SLOP_ARRANQ_TMR	Global		
T4:8	AOV_213_TMR	Global		
T4:9	AOV_214_ABRIR_TMR	Global		
T4:10	AOV_215_TMR	Global		
T4:11	AOV_216_TMR	Global		
T4:12	AOV_217_TMR	Global		
T4:13	AOV_218_TMR	Global		
T4:14	AOV_219_TMR	Global		
T4:15	AOV_220_TMR	Global		
T4:16	AOV_301_TMR	Global		
T4:17	AOV_302_TMR	Global		
T4:18	AOV_303_TMR	Global		
T4:19	AOV_304_TMR	Global		
T4:20	AOV_305_TMR	Global		
T4:21	AOV_101_TMR	Global		
T4:22	AOV_102_TMR	Global		
T4:23	BMB_SLOP_PARADA_TMR	Global		
T4:24	PCV311_RAMP_TMR	Global		
T4:26	WATCHDOG_TMR	Global	perdida de comunicación con comp de flujo	
T4:28	DENSD_ABB_TMR	Global		
T4:29	DENSD_SOLAR_TMR	Global		
T4:30	AOV_213_CERRAR_TMR	Global		
T4:31	P53_TRR2_F_TMR	Global		
T4:32	P53_TRR1_F_TMR	Global		
T4:33	P53_BMB1_F_TMR	Global		
T4:34	P53_BMB2_F_TMR	Global		
T4:35	AUTO_REC_TMR	Global		
T4:35/DN				
T4:40	F_NET_OK_TMR	Global		
T4:40/DN				
T4:41	FC_CAMBIO_LOTE_TMR	Global		
T4:41.ACC				
T4:41/DN				
T4:44	B_GLP_AL_TMR	Global		
T4:46	FLUJO_LL_TMR	Global		
T4:47	PRS_SUCC_LL_TMR	Global		
T4:48	PRS_DESC_TMR	Global		
T4:49	MUESTREO_TMR	Global		
T36:0				
T36:1				
T36:2				
T36:3				
T36:4			Retardo Paro UPB1	
T36:4.ACC				
T36:5			Retardo Paro UPB2	
T36:6			Retardo Paro UPB3	
T36:7			Retardo Paro UPB4	
T124:0	CLASE_B_TMR	Global		
T124:1	QL_ESD_ON_TMR	Global		
T124:2	QL_ESD_OFF_TMR	Global		
U:13			SETEO DE FLUJO	
U:14			BACKPRESSURE LOOP	
U:15			FLOW LOOP	
U:17			CALL HHMM SUBROUTINE	
U:18			CALL 32 TO 16 SUBROUTINE	
U:114			BATCH	
U:115			SELECCION PRODUCTO	
U:116			REPORTE A COMPUTADOR DE FLUJO	

Address	Instruction	Description
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Group_Name	Description
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