

- Controller RSF_WATER
- Controller Fault Handler
- Power-Up Handler

Tasks

- MainTask
 - MainProgram
 - MainRoutine
 - BW_REGEN
 - SEQ
 - RATE
 - METER
 - TOTAL
- Unscheduled Programs / Phases

Motion Groups

- Ungrouped Axes

Add-On Instructions

Data Types

- User-Defined
- Strings
 - STRING
- Add-On-Defined
- Module-Defined
 - AB:Embedded_HSC:C:0
 - AB:Embedded_HSC:I:0
 - AB:Embedded_HSC:O:0
 - AB:Embedded_HSC_Struct_Out:O:0
 - AB:Embedded_IF4XOF2:C:0
 - AB:Embedded_IF4XOF2:I:0
 - AB:Embedded_IF4XOF2:O:0
 - AB:Embedded_IQ16F:C:0
 - AB:Embedded_IQ16F:I:0
 - AB:Embedded_OB16:C:0
 - AB:Embedded_OB16:I:0
 - AB:Embedded_OB16:O:0

Trends

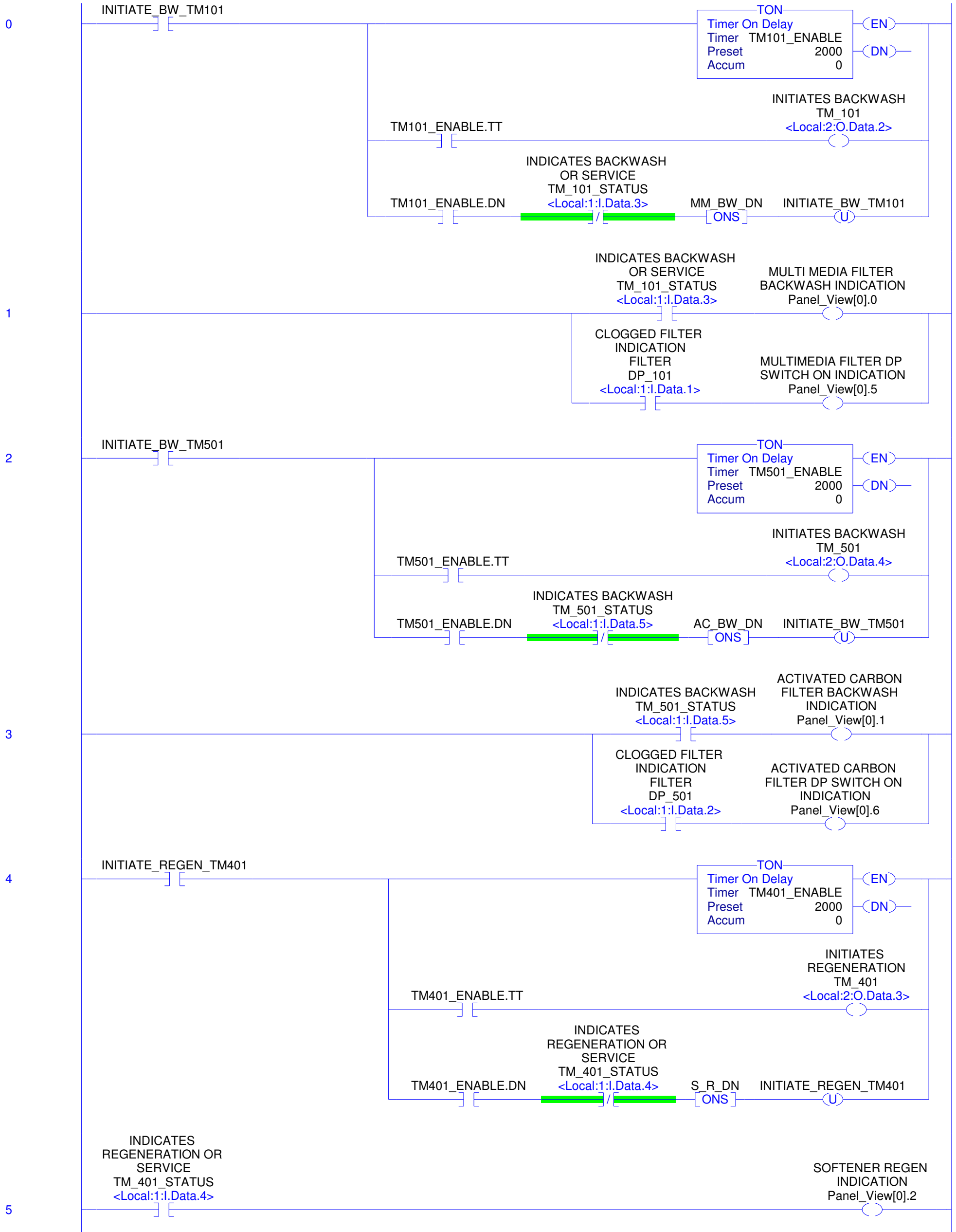
I/O Configuration

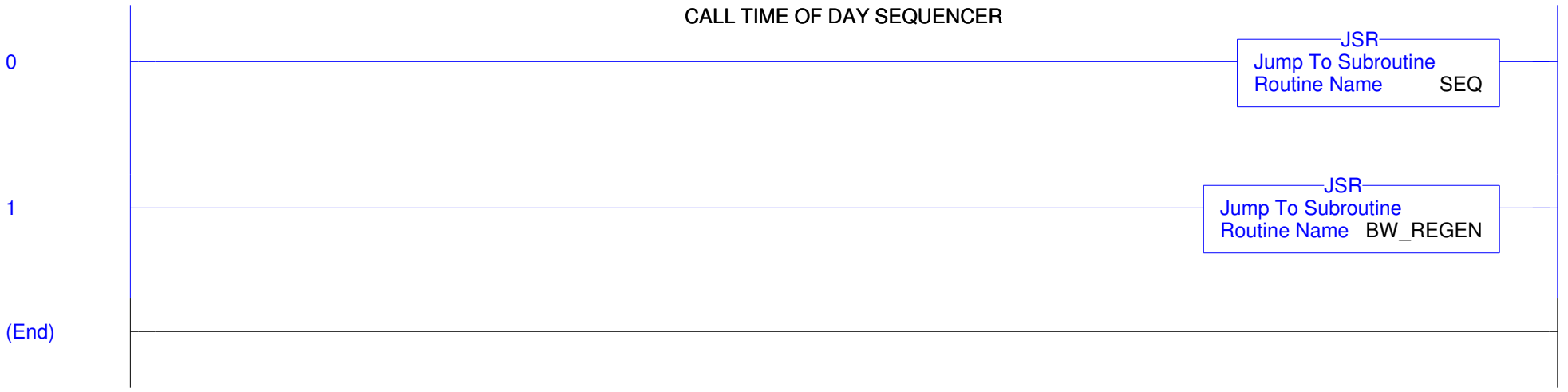
- CompactLogix5323E-QBFC1 System
 - 1769-L23E-QBFC1 RSF_WATER
 - 1769-L23E-QBFC1 Ethernet Port LocalENB
 - Ethernet
 - CompactBus Local
 - [1] Embedded IQ16F Discrete_Inputs
 - [2] Embedded OB16 Discrete_Outputs
 - [3] Embedded IF4XOF2 Analog_IO
 - [4] Embedded HSC Counters

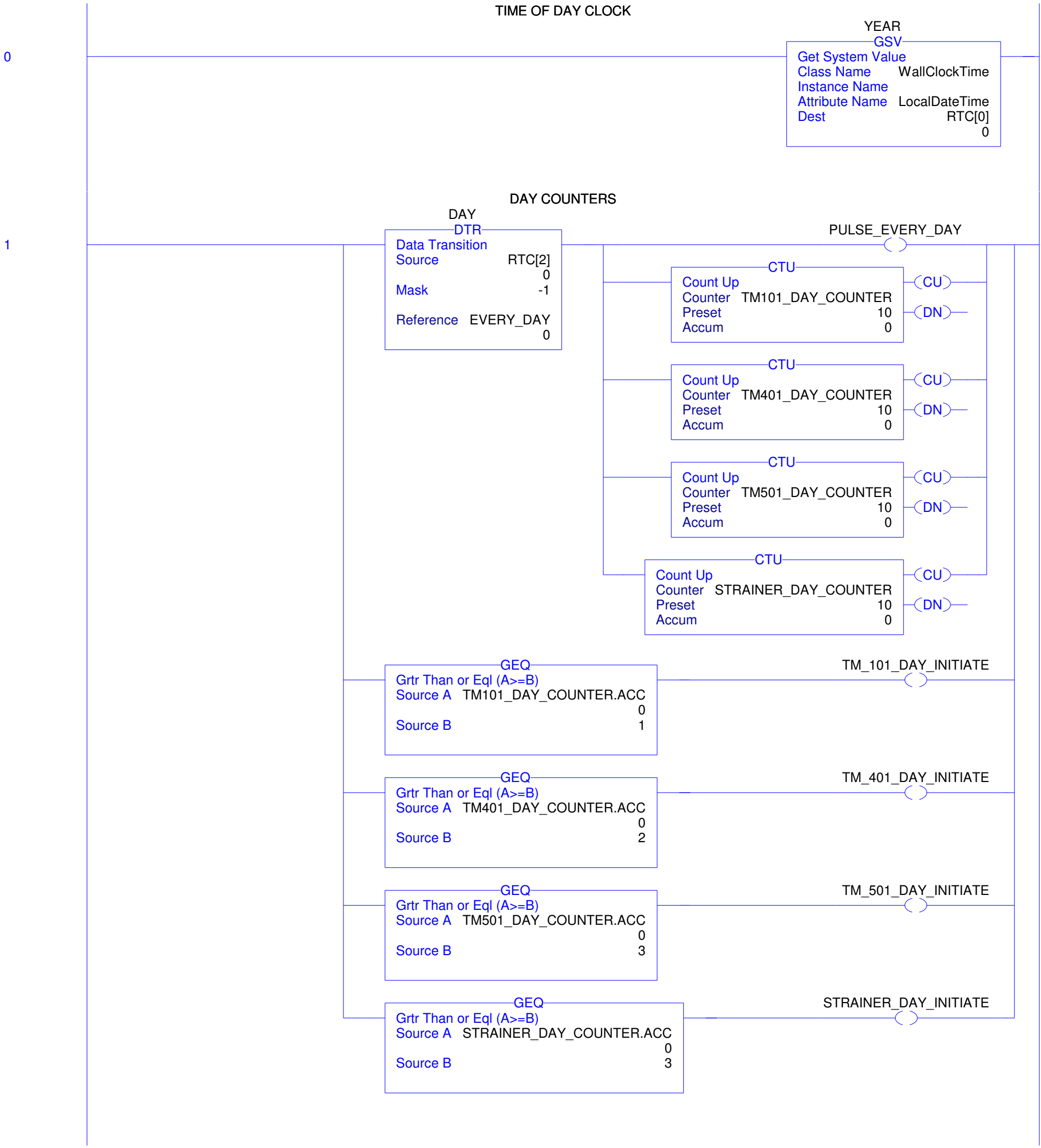
Name	Value	Data Type	Scope
AC_BW_DN AC_BW_DN - MainProgram/BW_REGEN - *2(ONS)	0	BOOL	RSF_WATER
BW_REGEN_INTERLOCK BW_REGEN_INTERLOCK - MainProgram/BW_REGEN - *6(OTE)	0	BOOL	RSF_WATER
CURRENT_DIFF CURRENT_DIFF - METER/TOTAL - *0(SUB), 0(DIV)	30	DINT	RSF_WATER
DP_101 CLOGGED FILTER INDICATION FILTER AliasFor: Local:1:I.Data.1 Base Tag: Local:1:I.Data.1 DP_101 - MainProgram/BW_REGEN - 1(XIC)	0	BOOL	RSF_WATER
DP_201 CLOGGED FILTER INDICATION STRAINER AliasFor: Local:1:I.Data.0 Base Tag: Local:1:I.Data.0 DP_201 - MainProgram/BW_REGEN - 8(XIC)	0	BOOL	RSF_WATER
DP_501 CLOGGED FILTER INDICATION FILTER AliasFor: Local:1:I.Data.2 Base Tag: Local:1:I.Data.2 DP_501 - MainProgram/BW_REGEN - 3(XIC)	0	BOOL	RSF_WATER
EVERY_DAY EVERY_DAY - MainProgram/SEQ - *1(DTR)	0	DINT	RSF_WATER
EVERY_HOUR EVERY_HOUR - MainProgram/SEQ - *2(DTR)	0	DINT	RSF_WATER
INITIATE_BW_STRAINER INITIATE_BW_STRAINER - MainProgram/BW_REGEN - *7(OTU), 6(XIC), 7(XIC) INITIATE_BW_STRAINER - MainProgram/SEQ - *6(OTL), 3(XIO), 4(XIO), 5(XIO)	0	BOOL	RSF_WATER
INITIATE_BW_TM101 INITIATE_BW_TM101 - MainProgram/BW_REGEN - *0(OTU), 0(XIC), 6(XIC) INITIATE_BW_TM101 - MainProgram/SEQ - *3(OTL), 4(XIO), 5(XIO), 6(XIO)	0	BOOL	RSF_WATER
INITIATE_BW_TM501 INITIATE_BW_TM501 - MainProgram/BW_REGEN - *2(OTU), 2(XIC), 6(XIC) INITIATE_BW_TM501 - MainProgram/SEQ - *5(OTL), 3(XIO), 4(XIO), 6(XIO)	0	BOOL	RSF_WATER
INITIATE_REGEN_TM401 INITIATE_REGEN_TM401 - MainProgram/BW_REGEN - *4(OTU), 4(XIC), 6(XIC) INITIATE_REGEN_TM401 - MainProgram/SEQ - *4(OTL), 3(XIO), 5(XIO), 6(XIO)	0	BOOL	RSF_WATER
K_FACTOR K_FACTOR - METER/TOTAL - 0(DIV)	17.099	REAL	RSF_WATER
LAST_COUNT LAST_COUNT - METER/TOTAL - *0(MOV), *1(MOV), 0(GRT), 0(SUB), 1(LES)	20	DINT	RSF_WATER
LITER_6SEC LITER_6SEC - METER/TOTAL - *0(DIV), 0(MUL)	1.76	REAL	RSF_WATER
LITERS_MIN LITERS_MIN - METER/TOTAL - *0(MUL)	17.6	REAL	RSF_WATER
Local:1:I		AB:Embedded_IQ16F:I:0	RSF_WATER
Local:2:O		AB:Embedded_OB16:O:0	RSF_WATER
Local:4:I		AB:Embedded_HSC:I:0	RSF_WATER
METER_COUNT CURRET COUNT IN CH O OF HSC (K-FACTOR 17 PULSES PER LITER) AliasFor: Local:4:I.Ctr0CurrentCount Base Tag: Local:4:I.Ctr0CurrentCount METER_COUNT - METER/TOTAL - 0(GRT), 0(MOV), 0(SUB), 1(LES), 1(MOV)	50	DINT	RSF_WATER
MM_BW_DN MM_BW_DN - MainProgram/BW_REGEN - *0(ONS)	0	BOOL	RSF_WATER
Panel_View Maximum Consumers: 9 Include Connection Status: n/a Send Data State Change Event to Consumer(s): No Allow Unicast Consumer Connections: n/a Panel_View[0].0 - MainProgram/BW_REGEN - *1(OTE) Panel_View[0].1 - MainProgram/BW_REGEN - *3(OTE) Panel_View[0].2 - MainProgram/BW_REGEN - *5(OTE) Panel_View[0].3 - MainProgram/BW_REGEN - *7(OTE) Panel_View[0].4 - MainProgram/BW_REGEN - *8(OTE) Panel_View[0].5 - MainProgram/BW_REGEN - *1(OTE) Panel_View[0].6 - MainProgram/BW_REGEN - *3(OTE)		DINT[50]	RSF_WATER
PULSE EVERY DAY PULSE EVERY DAY - MainProgram/SEQ - *1(OTE)	0	BOOL	RSF_WATER
PULSE EVERY HOUR PULSE EVERY HOUR - MainProgram/SEQ - *2(OTE)	0	BOOL	RSF_WATER
RTC TIME OF DAY CLOCK RTC[0] - MainProgram/SEQ - *0(GSV)		DINT[7]	RSF_WATER

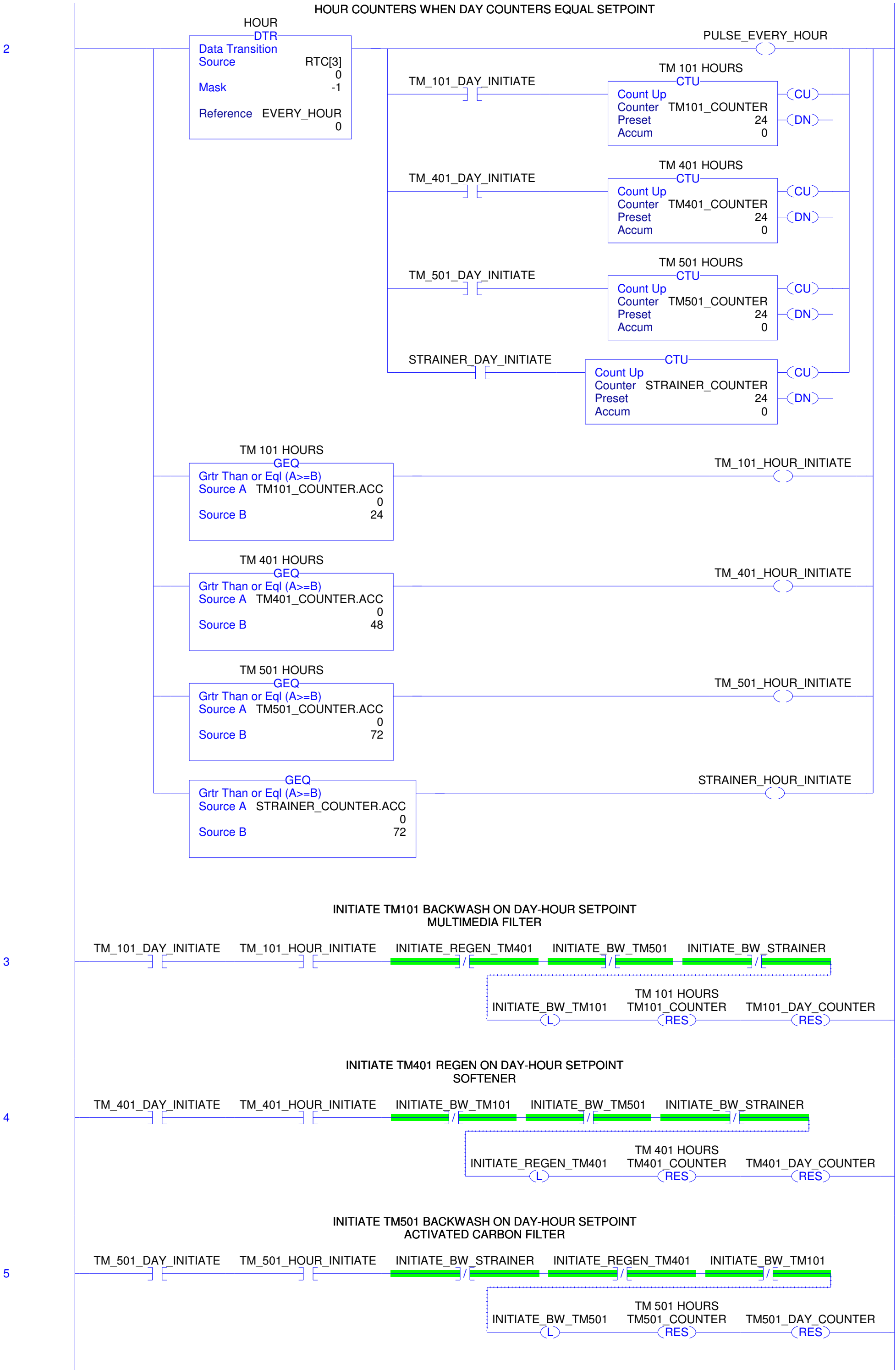
Tag Name	Value	Unit	Location
RTC (Continued)			
<i>RTC[2] - MainProgram/SEQ - 1(DTR)</i>			
<i>RTC[3] - MainProgram/SEQ - 2(DTR)</i>			
S_BW_DN	0	BOOL	RSF_WATER
<i>S_BW_DN - MainProgram/BW_REGEN - *7(ONS)</i>			
S_R_DN	0	BOOL	RSF_WATER
<i>S_R_DN - MainProgram/BW_REGEN - *4(ONS)</i>			
SOV_201	0	BOOL	RSF_WATER
OPEN BACKWASH DRAIN			
AliasFor:	Local:2:O.Data.1		
Base Tag:	Local:2:O.Data.1		
<i>SOV_201 - MainProgram/BW_REGEN - *6(OTE)</i>			
SOV_701	0	BOOL	RSF_WATER
SYSTEM LEVEL SHUTOFF DURING BACKWASH AND REGENERATION			
AliasFor:	Local:2:O.Data.0		
Base Tag:	Local:2:O.Data.0		
<i>SOV_701 - MainProgram/BW_REGEN - *6(OTE)</i>			
ST_201	0	BOOL	RSF_WATER
MOTOR CONTACTOR ST-101 CALL			
AliasFor:	Local:2:O.Data.6		
Base Tag:	Local:2:O.Data.6		
<i>ST_201 - MainProgram/BW_REGEN - *7(OTE)</i>			
STRAINER_COUNTER		COUNTER	RSF_WATER
<i>STRAINER_COUNTER - MainProgram/SEQ - *2(CTU), *6(RES)</i>			
<i>STRAINER_COUNTER.ACC - MainProgram/SEQ - 2(GEQ)</i>			
STRAINER_DAY_COUNTER		COUNTER	RSF_WATER
<i>STRAINER_DAY_COUNTER - MainProgram/SEQ - *1(CTU), *6(RES)</i>			
<i>STRAINER_DAY_COUNTER.ACC - MainProgram/SEQ - 1(GEQ)</i>			
STRAINER_DAY_INITIATE	0	BOOL	RSF_WATER
<i>STRAINER_DAY_INITIATE - MainProgram/SEQ - *1(OTE), 2(XIC), 6(XIC)</i>			
STRAINER_HOUR_INITIATE	0	BOOL	RSF_WATER
<i>STRAINER_HOUR_INITIATE - MainProgram/SEQ - *2(OTE), 6(XIC)</i>			
STRAINER_SP	10	DINT	RSF_WATER
<i>STRAINER_SP - MainProgram/BW_REGEN - 7(MUL)</i>			
STRAINER_TIME		TIMER	RSF_WATER
<i>STRAINER_TIME - MainProgram/BW_REGEN - *7(TON)</i>			
<i>STRAINER_TIME.DN - MainProgram/BW_REGEN - 7(XIC)</i>			
<i>STRAINER_TIME.PRE - MainProgram/BW_REGEN - *7(MUL)</i>			
<i>STRAINER_TIME.TT - MainProgram/BW_REGEN - 7(XIC)</i>			
TM_101	0	BOOL	RSF_WATER
INITIATES BACKWASH			
AliasFor:	Local:2:O.Data.2		
Base Tag:	Local:2:O.Data.2		
<i>TM_101 - MainProgram/BW_REGEN - *0(OTE)</i>			
TM_101_DAY_INITIATE	0	BOOL	RSF_WATER
<i>TM_101_DAY_INITIATE - MainProgram/SEQ - *1(OTE), 2(XIC), 3(XIC)</i>			
TM_101_HOUR_INITIATE	0	BOOL	RSF_WATER
<i>TM_101_HOUR_INITIATE - MainProgram/SEQ - *2(OTE), 3(XIC)</i>			
TM_101_STATUS	0	BOOL	RSF_WATER
INDICATES BACKWASH OR SERVICE			
AliasFor:	Local:1:I.Data.3		
Base Tag:	Local:1:I.Data.3		
<i>TM_101_STATUS - MainProgram/BW_REGEN - 0(XIO), 1(XIC)</i>			
TM_401	0	BOOL	RSF_WATER
INITIATES REGENERATION			
AliasFor:	Local:2:O.Data.3		
Base Tag:	Local:2:O.Data.3		
<i>TM_401 - MainProgram/BW_REGEN - *4(OTE)</i>			
TM_401_DAY_INITIATE	0	BOOL	RSF_WATER
<i>TM_401_DAY_INITIATE - MainProgram/SEQ - *1(OTE), 2(XIC), 4(XIC)</i>			
TM_401_HOUR_INITIATE	0	BOOL	RSF_WATER
<i>TM_401_HOUR_INITIATE - MainProgram/SEQ - *2(OTE), 4(XIC)</i>			
TM_401_STATUS	0	BOOL	RSF_WATER
INDICATES REGENERATION OR SERVICE			
AliasFor:	Local:1:I.Data.4		
Base Tag:	Local:1:I.Data.4		
<i>TM_401_STATUS - MainProgram/BW_REGEN - 4(XIO), 5(XIC)</i>			
TM_501	0	BOOL	RSF_WATER
INITIATES BACKWASH			
AliasFor:	Local:2:O.Data.4		
Base Tag:	Local:2:O.Data.4		
<i>TM_501 - MainProgram/BW_REGEN - *2(OTE)</i>			
TM_501_DAY_INITIATE	0	BOOL	RSF_WATER
<i>TM_501_DAY_INITIATE - MainProgram/SEQ - *1(OTE), 2(XIC), 5(XIC)</i>			
TM_501_HOUR_INITIATE	0	BOOL	RSF_WATER
<i>TM_501_HOUR_INITIATE - MainProgram/SEQ - *2(OTE), 5(XIC)</i>			

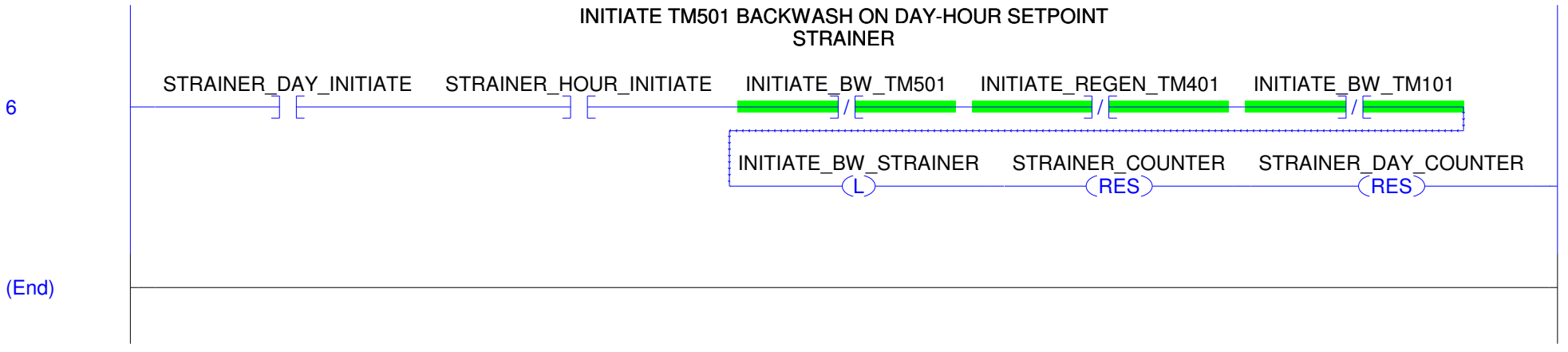
TM_501_STATUS INDICATES BACKWASH AliasFor: Local:1:I.Data.5 Base Tag: Local:1:I.Data.5 <i>TM_501_STATUS - MainProgram/BW_REGEN - 2(XIO), 3(XIC)</i>	0	BOOL	RSF_WATER
TM101_COUNTER TM 101 HOURS <i>TM101_COUNTER - MainProgram/SEQ - *2(CTU), *3(RES)</i> <i>TM101_COUNTER.ACC - MainProgram/SEQ - 2(GEQ)</i>		COUNTER	RSF_WATER
TM101_DAY_COUNTER <i>TM101_DAY_COUNTER - MainProgram/SEQ - *1(CTU), *3(RES)</i> <i>TM101_DAY_COUNTER.ACC - MainProgram/SEQ - 1(GEQ)</i>		COUNTER	RSF_WATER
TM101_ENABLE <i>TM101_ENABLE - MainProgram/BW_REGEN - *0(TON)</i> <i>TM101_ENABLE.DN - MainProgram/BW_REGEN - 0(XIC)</i> <i>TM101_ENABLE.TT - MainProgram/BW_REGEN - 0(XIC)</i>		TIMER	RSF_WATER
TM401_COUNTER TM 401 HOURS <i>TM401_COUNTER - MainProgram/SEQ - *2(CTU), *4(RES)</i> <i>TM401_COUNTER.ACC - MainProgram/SEQ - 2(GEQ)</i>		COUNTER	RSF_WATER
TM401_DAY_COUNTER <i>TM401_DAY_COUNTER - MainProgram/SEQ - *1(CTU), *4(RES)</i> <i>TM401_DAY_COUNTER.ACC - MainProgram/SEQ - 1(GEQ)</i>		COUNTER	RSF_WATER
TM401_ENABLE <i>TM401_ENABLE - MainProgram/BW_REGEN - *4(TON)</i> <i>TM401_ENABLE.DN - MainProgram/BW_REGEN - 4(XIC)</i> <i>TM401_ENABLE.TT - MainProgram/BW_REGEN - 4(XIC)</i>		TIMER	RSF_WATER
TM501_COUNTER TM 501 HOURS <i>TM501_COUNTER - MainProgram/SEQ - *2(CTU), *5(RES)</i> <i>TM501_COUNTER.ACC - MainProgram/SEQ - 2(GEQ)</i>		COUNTER	RSF_WATER
TM501_DAY_COUNTER <i>TM501_DAY_COUNTER - MainProgram/SEQ - *1(CTU), *5(RES)</i> <i>TM501_DAY_COUNTER.ACC - MainProgram/SEQ - 1(GEQ)</i>		COUNTER	RSF_WATER
TM501_ENABLE <i>TM501_ENABLE - MainProgram/BW_REGEN - *2(TON)</i> <i>TM501_ENABLE.DN - MainProgram/BW_REGEN - 2(XIC)</i> <i>TM501_ENABLE.TT - MainProgram/BW_REGEN - 2(XIC)</i>		TIMER	RSF_WATER

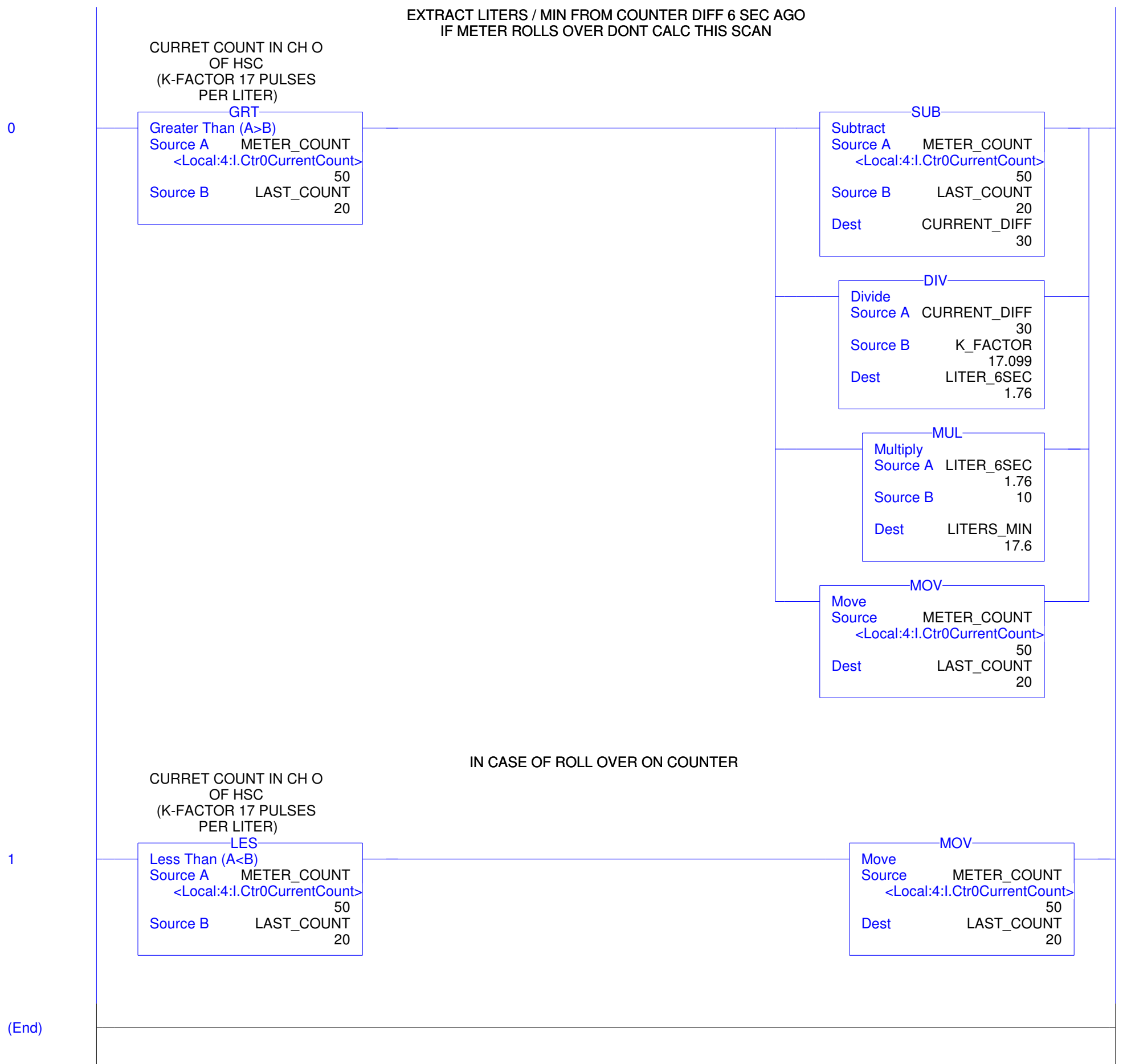












Data type Name: STRING

Description:

Size: 88 byte(s)

Name	Data Type	Style	Description
LEN	DINT	Decimal	
DATA	SINT[82]	ASCII	