

TECHNICAL DOCUMENTATION

SP21_01

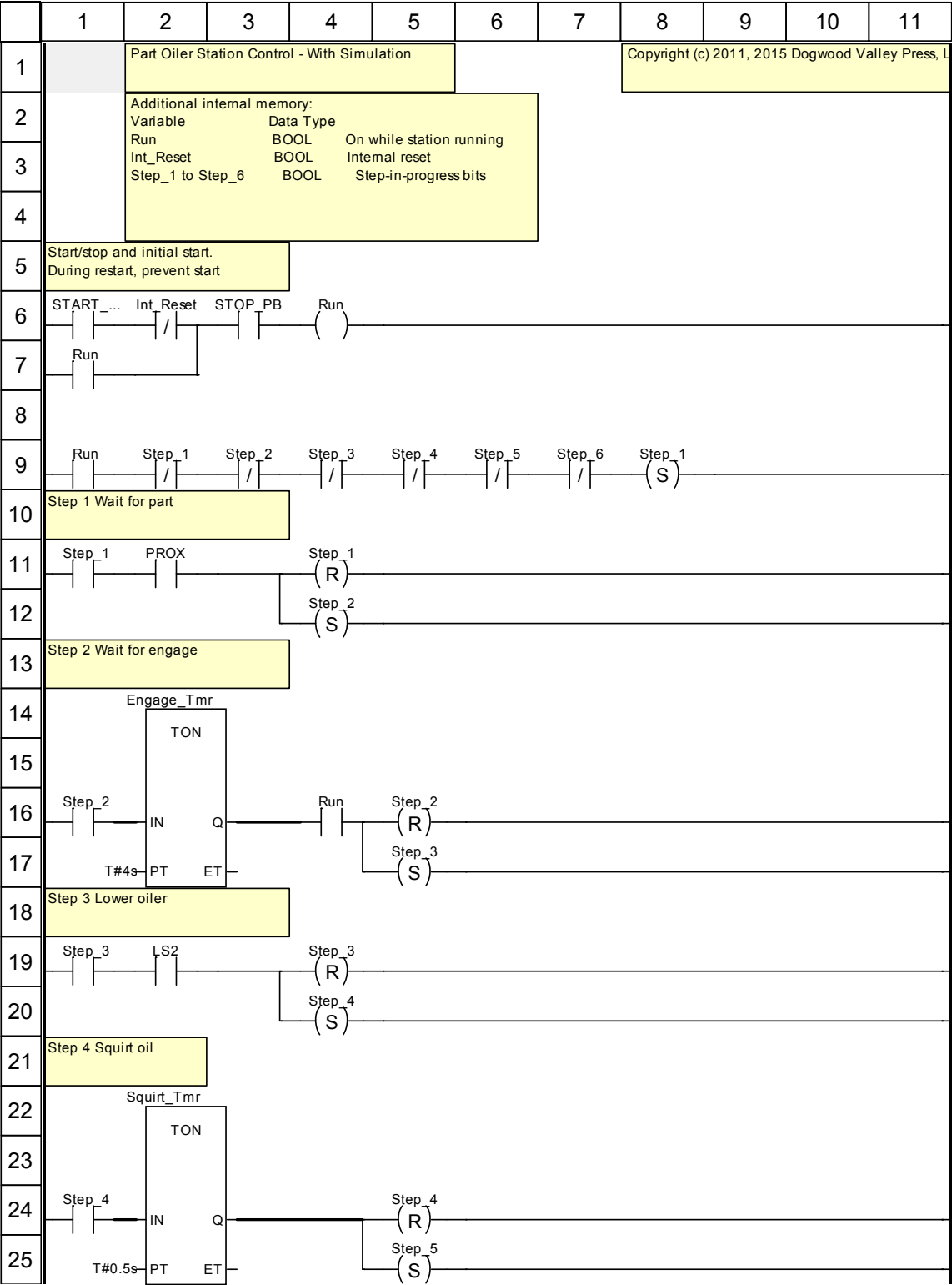
Project	SP21_01
Designer	
Application	sp21_01.stu
Software Version	Unity Pro L V10.0
Creation Date	4/12/2011 8:52:23 PM
Last Modification Date	12/24/2015 7:24:04 AM
Target PLC	BMX P34 1000 02.00CPU 340-10 Modbus

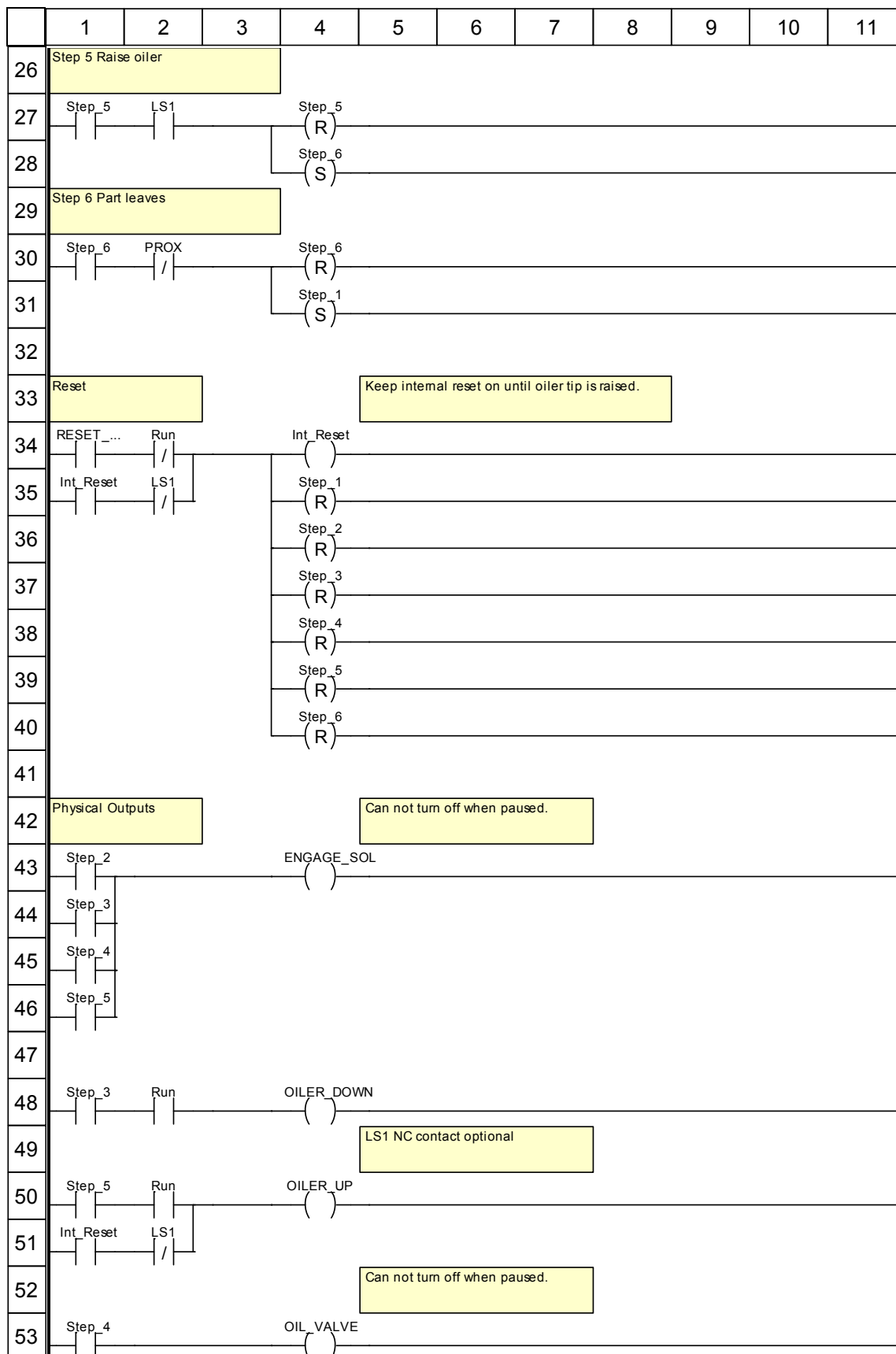
MAST

Specific properties

Configuration	Cyclic
Task period configuration	0
Watchdog time configuration	250

main : [MAST]



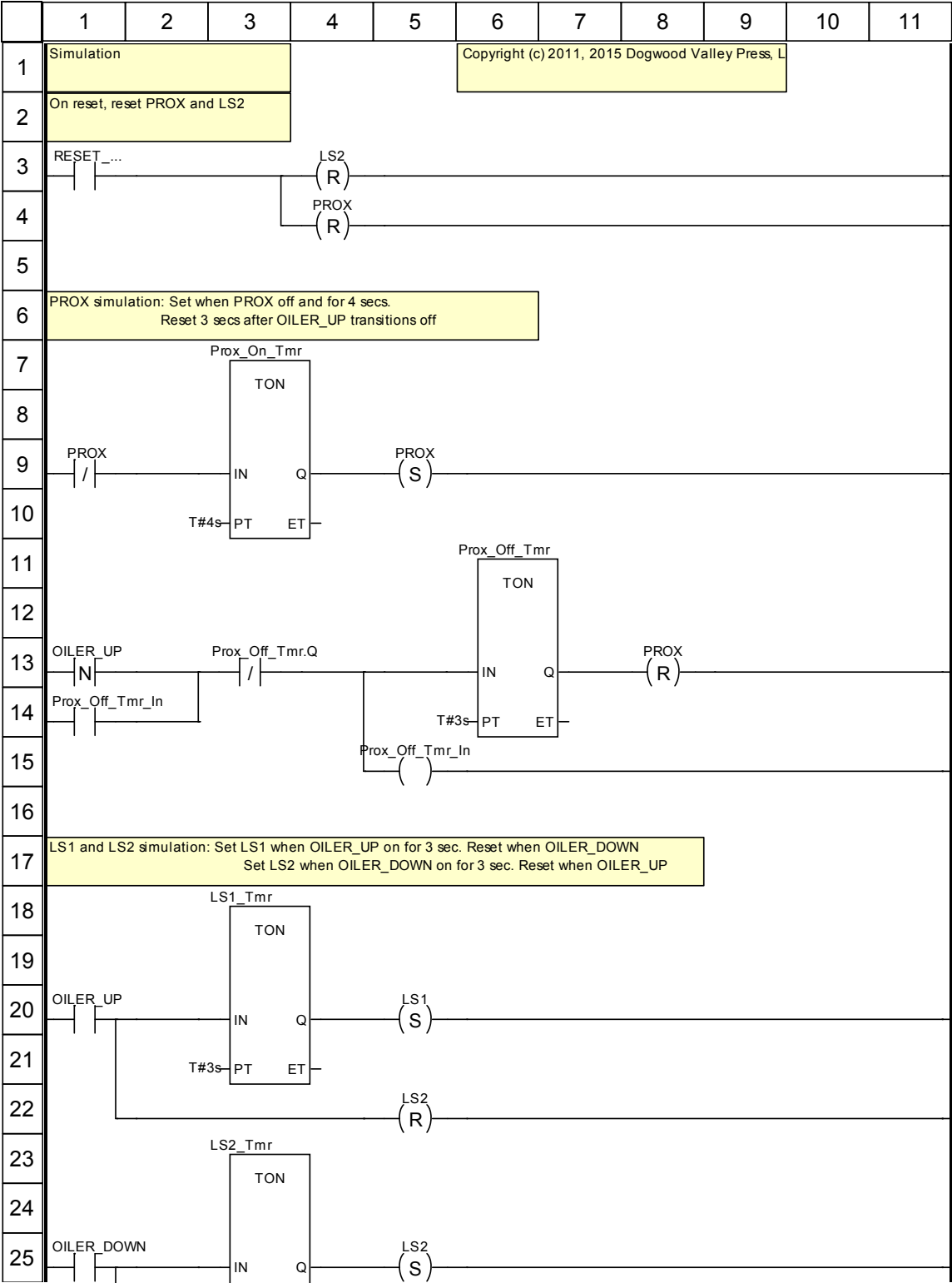


	1	2	3	4	5	6	7	8	9	10	11
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Truncated labels:

Label	Position(s)
RESET PB	(1, 34)
START PB	(1, 6)

Simulation : [MAST]



	1	2	3	4	5	6	7	8	9	10	11
26			T#3s	PT	ET						
27						LS1					
					(R)						

Truncated labels:

Label	Position(s)
RESET_PB	(1, 3)

Cross References

Application:

Addresses

Object	Referred into	Location	Usage
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Variables or FB instances

Object	Referred into	Location	Usage
ENGAGE_SOL	main : [MAST]	(I 43, c: 4)	W
Engage_Tmr	main : [MAST]	(I 14, c: 2)	FC
		(I 14, c: 2)	R
		(I 14, c: 2)	R
Int_Reset	main : [MAST]	(I 6, c: 2)	R
		(I 34, c: 4)	W
		(I 35, c: 1)	R
		(I 51, c: 1)	R
LS1	Simulation : [MAST]	(I 20, c: 5)	W
		(I 27, c: 5)	W
	main : [MAST]	(I 27, c: 2)	R
		(I 35, c: 2)	R
		(I 51, c: 2)	R
LS1_Tmr	Simulation : [MAST]	(I 18, c: 3)	FC
		(I 18, c: 3)	R
		(I 18, c: 3)	R
LS2	Simulation : [MAST]	(I 3, c: 4)	W
		(I 22, c: 5)	W
		(I 25, c: 5)	W
	main : [MAST]	(I 19, c: 2)	R
LS2_Tmr	Simulation : [MAST]	(I 23, c: 3)	FC
		(I 23, c: 3)	R
		(I 23, c: 3)	R
OILER_DOWN	Simulation : [MAST]	(I 25, c: 1)	R
	main : [MAST]	(I 48, c: 4)	W
OILER_UP	Simulation : [MAST]	(I 13, c: 1)	R
		(I 20, c: 1)	R
	main : [MAST]	(I 50, c: 4)	W
OIL_VALVE	main : [MAST]	(I 53, c: 4)	W
PROX	Simulation : [MAST]	(I 4, c: 4)	W
		(I 9, c: 1)	R
		(I 9, c: 5)	W
		(I 13, c: 8)	W
	main : [MAST]	(I 11, c: 2)	R
		(I 30, c: 2)	R
Prox_Off_Tmr	Simulation : [MAST]	(I 13, c: 3)	R
		(I 11, c: 6)	FC
		(I 11, c: 6)	R
		(I 11, c: 6)	R
Prox_Off_Tmr_In	Simulation : [MAST]	(I 14, c: 1)	R
		(I 15, c: 5)	W
Prox_On_Tmr	Simulation : [MAST]	(I 7, c: 3)	FC
		(I 7, c: 3)	R
		(I 7, c: 3)	R
RESET_PB	Simulation : [MAST]	(I 3, c: 1)	R

Cross References

Object	Referred into	Location	Usage
Run	main : [MAST]	(l 34, c: 1)	R
	main : [MAST]	(l 6, c: 4)	W
		(l 7, c: 1)	R
		(l 9, c: 1)	R
		(l 16, c: 4)	R
		(l 34, c: 2)	R
		(l 48, c: 2)	R
		(l 50, c: 2)	R
START_PB	main : [MAST]	(l 6, c: 1)	R
STOP_PB	main : [MAST]	(l 6, c: 3)	R
Squirt_Tmr	main : [MAST]	(l 22, c: 2)	FC
		(l 22, c: 2)	R
		(l 22, c: 2)	R
Step_1	main : [MAST]	(l 9, c: 2)	R
		(l 9, c: 8)	W
		(l 11, c: 1)	R
		(l 11, c: 4)	W
		(l 31, c: 4)	W
		(l 35, c: 4)	W
Step_2	main : [MAST]	(l 9, c: 3)	R
		(l 12, c: 4)	W
		(l 16, c: 1)	R
		(l 16, c: 5)	W
		(l 36, c: 4)	W
		(l 43, c: 1)	R
Step_3	main : [MAST]	(l 9, c: 4)	R
		(l 17, c: 5)	W
		(l 19, c: 1)	R
		(l 19, c: 4)	W
		(l 37, c: 4)	W
		(l 44, c: 1)	R
		(l 48, c: 1)	R
Step_4	main : [MAST]	(l 9, c: 5)	R
		(l 20, c: 4)	W
		(l 24, c: 1)	R
		(l 24, c: 5)	W
		(l 38, c: 4)	W
		(l 45, c: 1)	R
		(l 53, c: 1)	R
Step_5	main : [MAST]	(l 9, c: 6)	R
		(l 25, c: 5)	W
		(l 27, c: 1)	R
		(l 27, c: 4)	W
		(l 39, c: 4)	W
		(l 46, c: 1)	R
		(l 50, c: 1)	R
Step_6	main : [MAST]	(l 9, c: 7)	R
		(l 28, c: 4)	W
		(l 30, c: 1)	R
		(l 30, c: 4)	W
		(l 40, c: 4)	W