Cell 1 ZZ - Ladder Diagram

AdvManLab:MainTask:MainProgram Total number of rungs in routine: 20

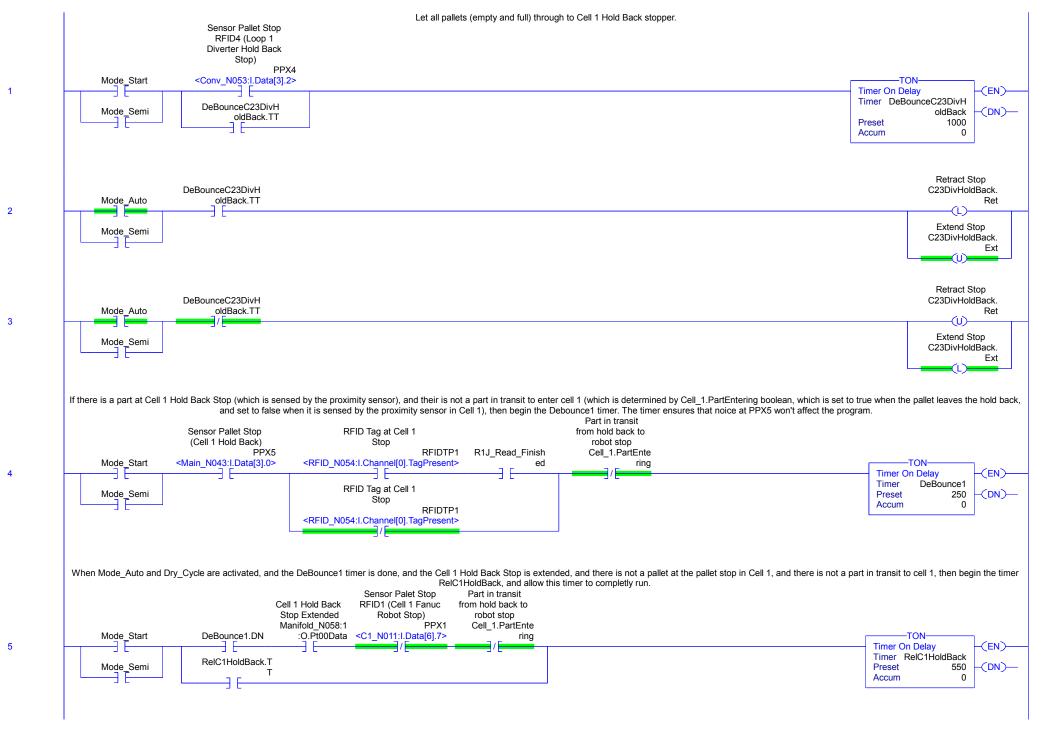
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AdvManLab:MainTask:MainProgram Total number of rungs in routine: 20

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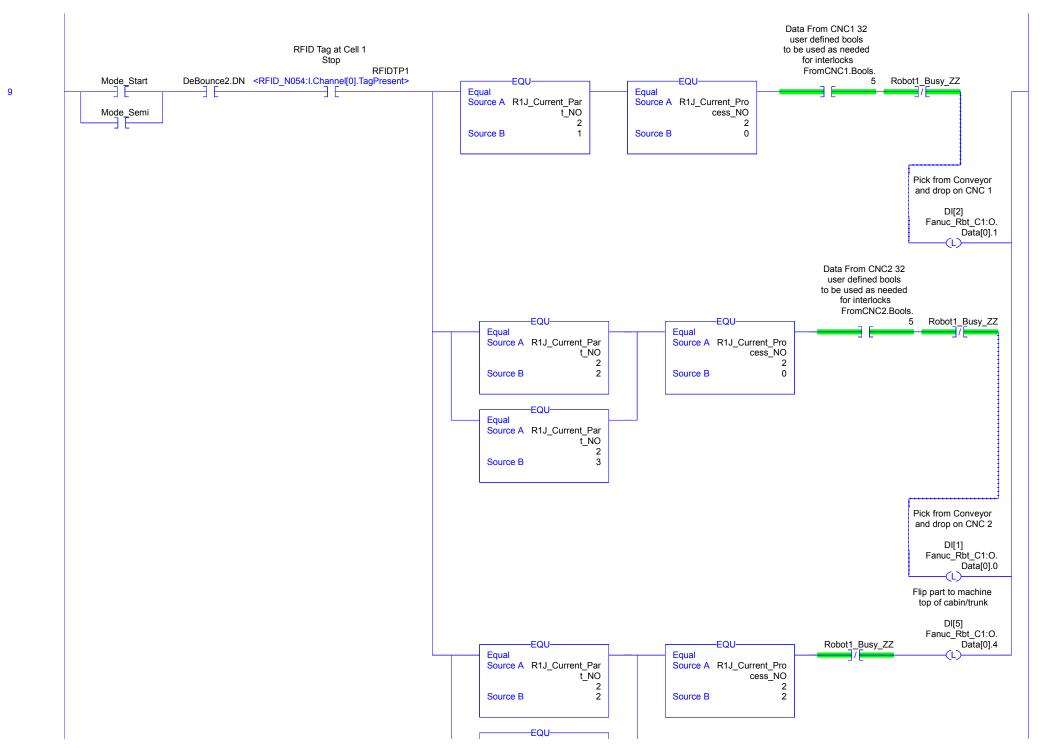
Total number of rungs in routine: 20

Page 3 11/15/2017 6:42:27 PM

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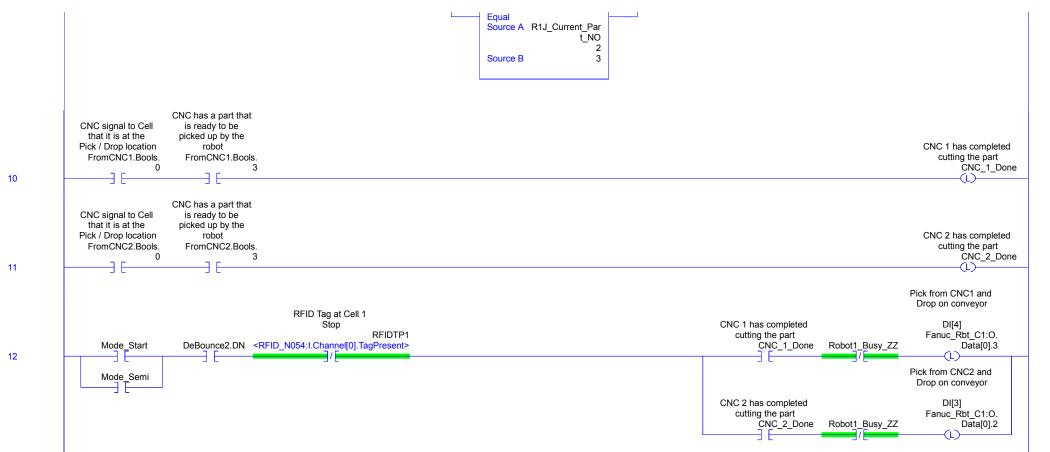
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Cell 1 **ZZ** - Ladder Diagram

AdvManLab:MainTask:MainProgram

Total number of rungs in routine: 20 C:\Users\VRMILLING\Documents\control_team_manuals\Logic W2017\Separate branches\Chris_branch_20171115.ACD



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Cell_1_ZZ - Ladder Diagram
AdvManLab:MainTask:MainProgram
Total number of rungs in routine: 20

13

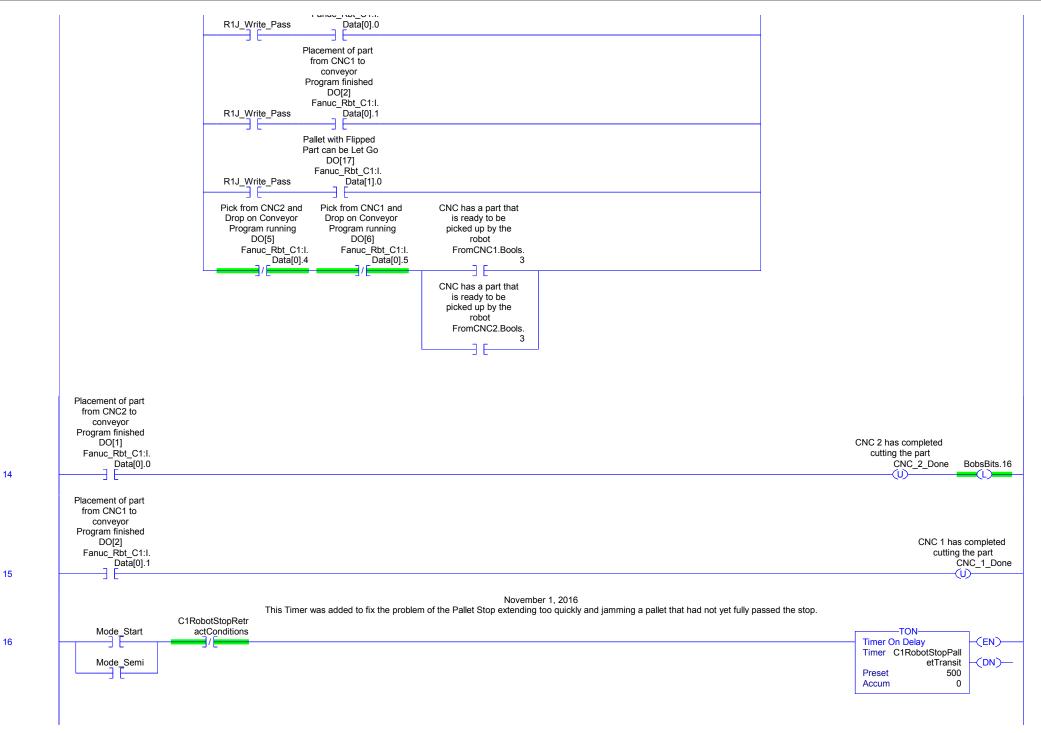
	veyer (has written process number and check Added DeBounce2 time d Robot2_DroppedP1 and P2 FALSE condition Pick from CN0	ed), or both CNC1 and CNC2 running (I Part A is in cell, or CNC1 is not idle November 1, if done condition to ensure PartEntering November 5, Fixed Error: RFID 3 tags were bein November 9, ions in front of some rungs to avoid release	of the Cell 1 Robot Stop. The conditions are: both busy now), or the pallet is empty and both CNCs are not do and part B or C is in cell. 2016 tag is unlatched. Changed tags to match RFID_1_JW. 2016 g used instead of RFID 1	
Mode_Start DeBounce2	Flipping Part Drop on Con Program is Running DO[16] DO[5] Fanuc_Rbt_C1:I. Fanuc_R DN Data[0].15 [nning Program running DO[6]		
RFID Tag at Cell 1 Stop	CNC 1 has completed CNC RFIDTP1 cutting the part	2 has completed cutting the part CNC_2_Done		C1RobotStopRetr actConditions
R1J_Read_Finish ed	NEQ	NEQ	NEQ	Extend Stop C1RobotStop.Ext
J L	Source A R1J_Current_Par t NO	Source A R1J_Current_Par t NO	Source A R1J_Current_Par t NO	Retract Stop
	Source B 1	Source B 2	Source B 2	C1RobotStop.Ret L Part in transit from hold back to
	Equal Equal	NEQ		robot stop Cell_1.PartEnte
	Source A R1J_Current_Par t_N0 2 Source B 1	Source A R1J_Current_Pro cess_NO 2 Source B 0		ring
	Equal	Not Equal	Not Equal	
	Source A R1J_Current_Par t_NO 2	Source A R1J_Current_Pro cess_NO 2	Source A R1J_Current_Pro cess_NO 2	
	Source B 2	Source B 0	Source B 2	
	Equal Equal	NeQ	NeQ	
	Source A R1J_Current_Par t_NO	Source A R1J_Current_Pro cess_NO	Source A R1J_Current_Pro cess_NO	
	Source B 2 3	Source B 0	Source B 2 2	
	Placement of part from CNC2 to conveyor Program finished DO[1] Fanue Rht C1:1			

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AdvManLab:MainTask:MainProgram Total number of rungs in routine: 20



Cell 1 ZZ - Ladder Diagram

AdvManLab:MainTask:MainProgram

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Total number of rungs in routing: 20

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Total number of rungs in routine: 20 C:\Users\VRMILLING\Documents\control_team_manuals\Logic W2017\Separate branches\Chris_branch_20171115.ACD



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AdvManLab:MainTask:MainProgram
Total number of rungs in routine: 20

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