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Part Oiler with shift register-based sequence

Start/stop/pause. Start prevented if reset in progress.

Start push button,
on when starting
START_PB
<Local:1:I.Data.0>

Internal reset
Int_Reset

Stop push button,
off when stopping
STOP_PB
<Local:1:I.Data.1>

Internal run
indication
Run

Internal run
indication
Run

Generate first start if run and no steps active

Internal run
indication
Run

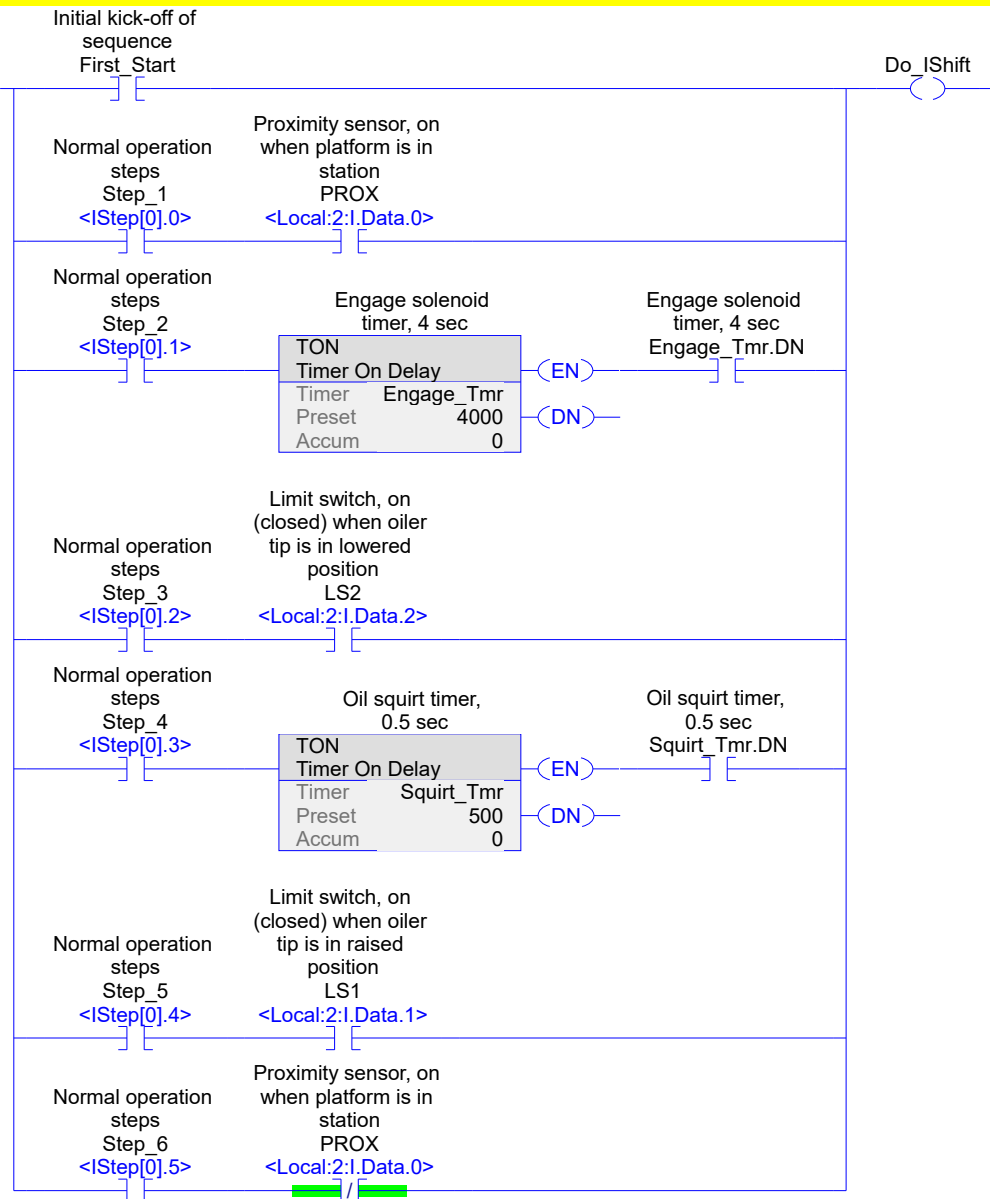
Normal operation
steps

EQ Equal	
Source A	IStep[0] 1048704
Source B	0

Initial kick-off of
sequence
First_Start

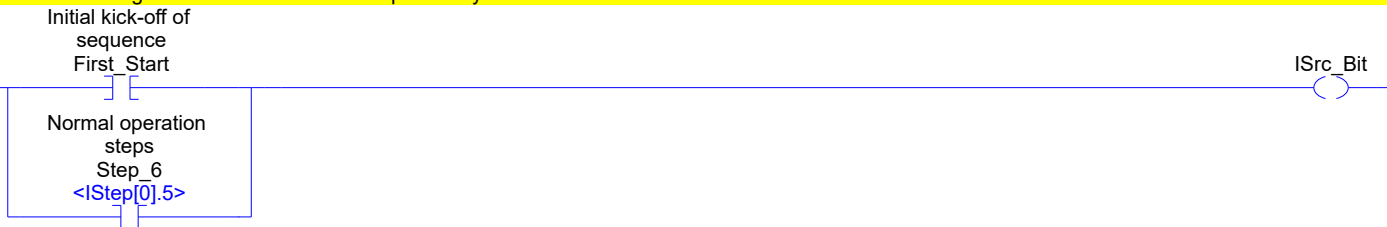
2

All transition conditions. Any one causes shift.



3

Bit shifted into register. First start and last step are only "1" shifted in.



4

Shift register shifting. Clear shift register on reset.

