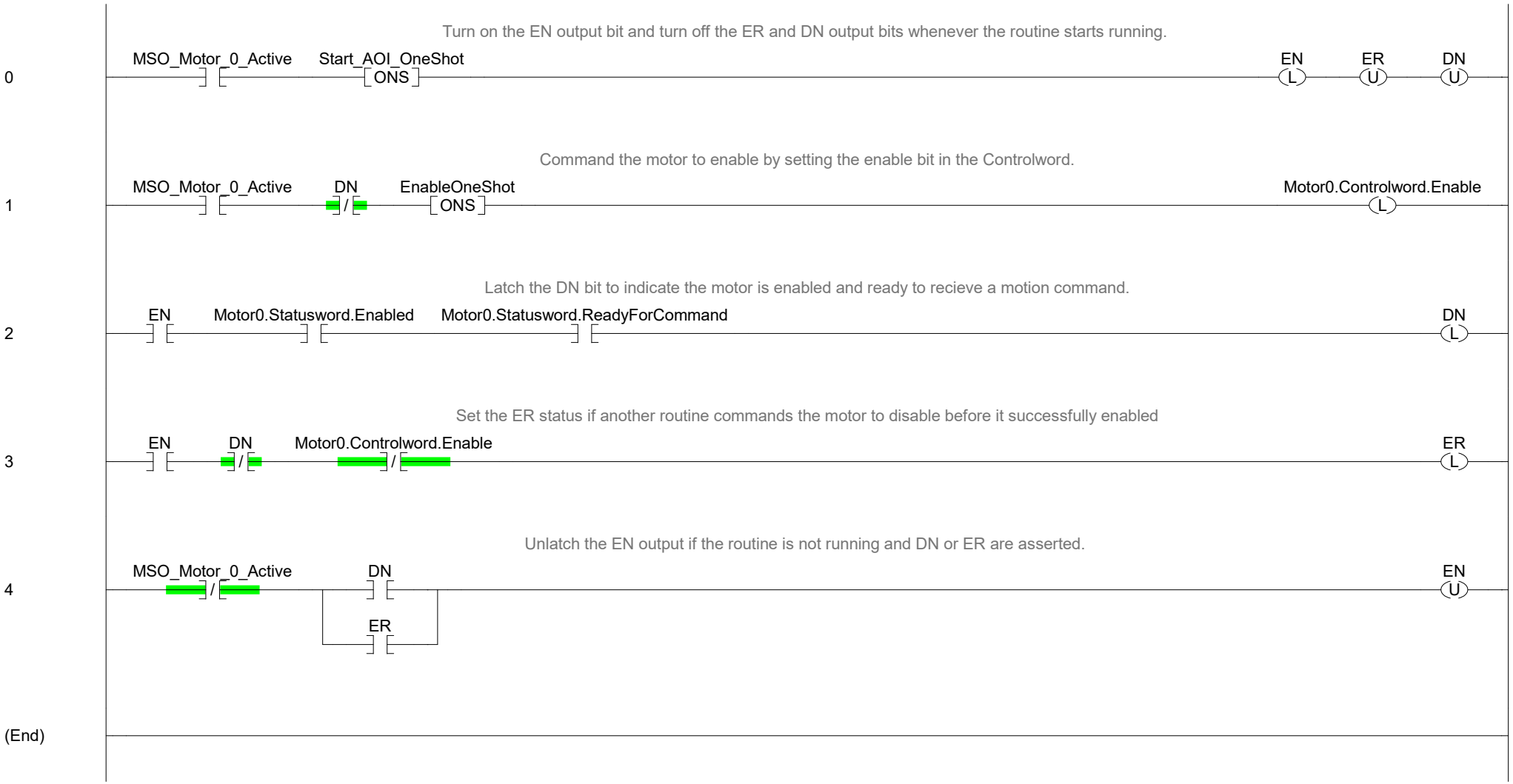
Turn on the EN output bit and turn off the ER and DN output bits whenever the routine starts running.
0
MSO_Motor_0_Active
Start_AOI_OneShot
ONS
EN
L
ER
U
DN
U
Command the motor to enable by setting the enable bit in the Controlword.
1
MSO_Motor_0_Active
DN
/
EnableOneShot
ONS
Motor0.Controlword.Enable
L
Latch the DN bit to indicate the motor is enabled and ready to recieve a motion command.
2
EN
Motor0.Statusword.Enabled
Motor0.Statusword.ReadyForCommand
DN
L
Set the ER status if another routine commands the motor to disable before it successfully enabled
3
EN
DN
/
Motor0.Controlword.Enable
/
ER
L
Unlatch the EN output if the routine is not running and DN or ER are asserted.
4
MSO_Motor_0_Active
/
DN
ER
EN
U
(End)