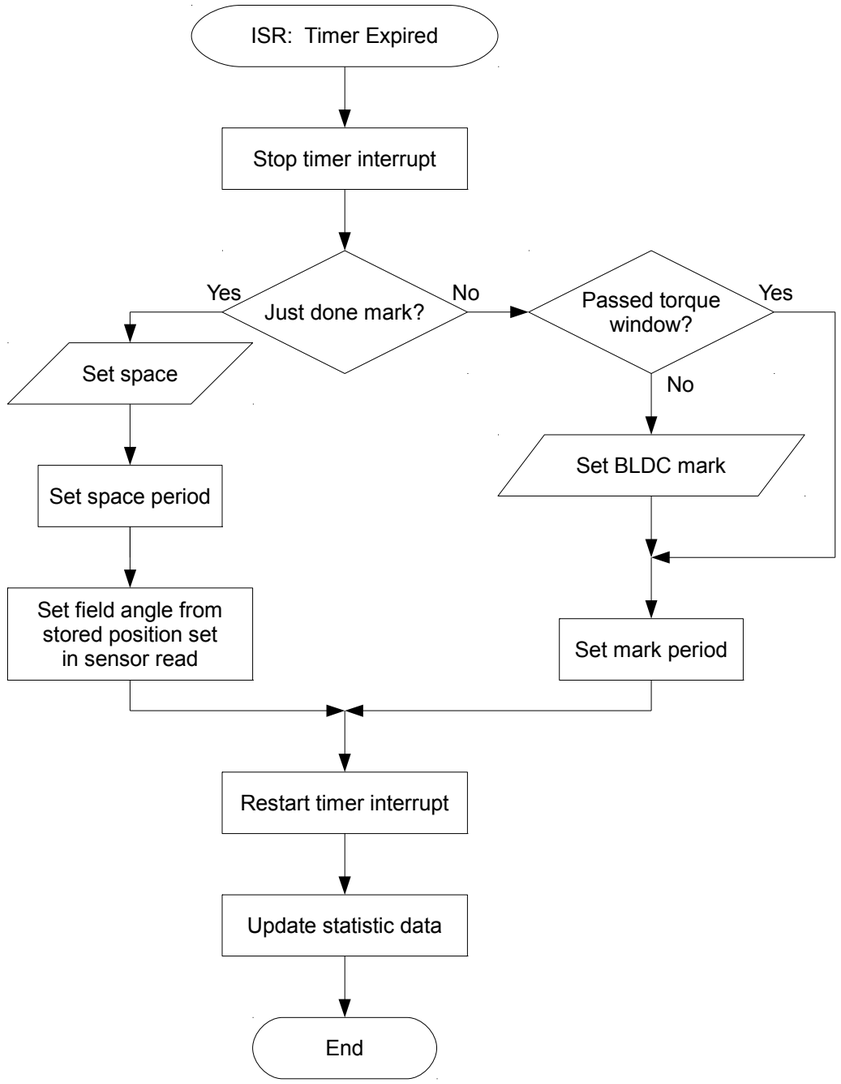
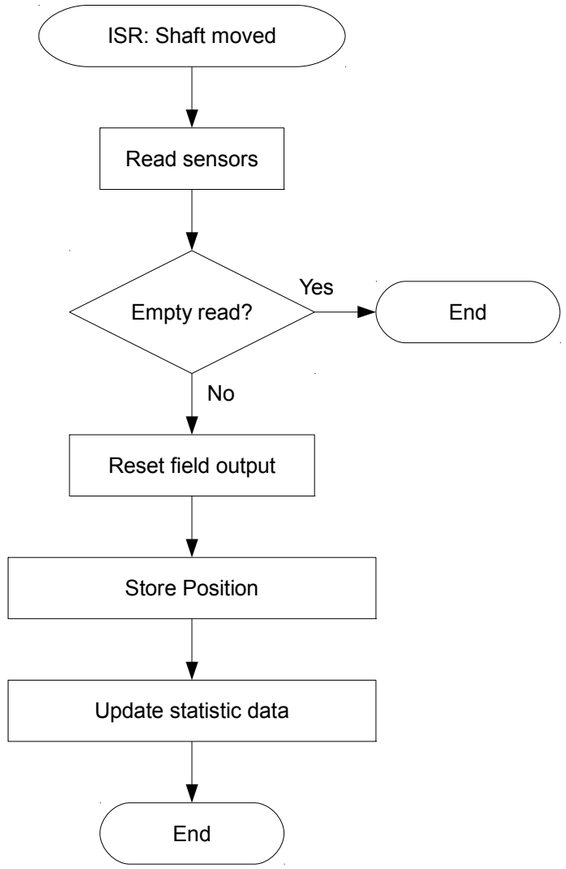

ISR: Timer Expired
Stop timer interrupt
Just done mark?
Yes
No
Set space
Set space period
Set field angle from stored position set in sensor read
Passed torque window?
Yes
No
Set BLDC mark
Set mark period
Restart timer interrupt
Update statistic data
End


ISR: Shaft moved
Read sensors
Empty read?
Yes
End
No
Reset field output
Store Position
Update statistic data
End