CS 350 Emerging Systems Architectures & Technologies

5-1 Milestone Three Submission

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14. After working through this process, you will need to address the following questions:

• What is the purpose of the timerCallback() function?

It controls the LED to blink the Morse code.

• What does period mean in this context?

The time between each timer trigger.

• How does the Timer\_CONTINUOUS\_CALLBACK parameter impact the driver?

Makes the timer run repeatedly.

• What is gpioButtonFxn0() used for?

Changes the message between "SOS" and "OK" when the button is pressed

• What is the purpose of GPIO\_CFG\_IN\_INT\_FALLING?

It sets the button to trigger when pressed.