Record data : One data recording = 1 Loop

Send Results : Sending ALL data = 1 Loop

FFT : 1 minute of data = 1 Loop

OTHER INFO to consider

Record Data can end at any time. We will simply lose last 10 seconds of data.

Sending Results should have a built in way of knowing data is all sent.

FFT should also have a built in way of knowing data is all analyzed.

While recording data, you can press button to move on whenever.

When Sending Results and doing FFT,

1. set fftDone to TRUE when we find “FINISHED” keyword at end of x y z accel val TXT files.
2. Set sendResults to TRUE when a single loop is done.