weekly memorandum

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| to: | James Pettit |
| from: | Bradford Stricklin |
| subject: | srt week 4 |
| date: | September 27, 2015 |
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**LAST WEEK**

This past week, I worked on getting the IMU to display its data directly through a link with the Arduino as opposed to through the FTDI board. Though the IMU has a bad connection, I was able to get it to display data for a limited amount of time. The permanent solution to this will require some minor soldering. On top of this, I began figuring out what would be required for launch operations, specifically what would be required for wireless launch capabilities. To this end, I became heavily interested in XBees and have obtained two Series 2 to prove functionality as well as familiarize myself with their actual implementation.

**THIS WEEK**

This week I will continue to work with the IMU and will hopefully have the motor connected to it and running with the Arduino. The secondary goal for the week is to connect my Arduino’s together with the XBees. If both the primary and secondary goals are accomplished, I will attempt to stream the data across my Arduinos by way of XBees.