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| 2.12 | Software Defined Radio Weekly Status Report | | |
|  | February 6, 2019 | Submitted by: James Bell | |
|  | Course Instructor: Mr. Welker  Faculty Advisor: Dr. Stapleton  Sponsor: Texas State University | Team Members:  James Bell [PM]  Samuel Hussey | Zachary Schneiderman |

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| Green | Current Project Status |
| Our project is going well. We are assembling parts and implementing code and testing the subsystems as we work. | |

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| Individual Updates (Activities Completed, Activities Planned) | |
| James | Built the audio transformer, and low pass filter sub-system, will make the RF splitter and combiner as well as updating documents. |
| Zachary | Started working with the software on the Teensy, able to get it working with the Arduino IDE. Started interfacing with the SI5351 Clock Gen Breakout Board |
| Samuel | Assembled and began testing bandpass filters. |

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| Upcoming Deliverables (course and project due in next 2 to 3 weeks) | | |
| Deliverable | Due Date | Status |
| Bandpass Filters | 2/13/2019 | In progress |
| Mixer Circuit | 2/20/2019 | In progress |
| RF splitter and Combiner | 2/6/2019 | Completed |
| Speaker Circuit | 2/20/2019 | In progress |
| LCD for Teensy | 2/20/2019 | In progress |
| Encoder for Frequency Selection | 2/20/2019 | In progress |

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| Sponsor and Faculty Advisor Meetings/Calls Held & Planned | | | |
| Who | Last | Topic(s) | Next |
| Mr. Welker | 2/6 | Weekly Meeting | 2/13 |
| Dr. Stapleton | 2/6 | How to do proper system testing of our radio with available off the shelf radios. | 2/11 |