

Communications Subteam

Weekly Updates, Spring 2025

Week 1

Team Progress:

- Defined current progress and milestones for the first few weeks of Spring 2025
- Filed subsystem issues on GitHub for FSW, GS hardware, and GS SW / infrastructure
 - <https://github.com/cmu-argus-2/FSW-mainboard/issues>
 - <https://github.com/cmu-argus-2/Comms-GS-Hardware/issues>
 - <https://github.com/cmu-argus-2/GSW-backend/issues>
 - <https://github.com/cmu-argus-2/Comms-GS-Database-Interface/issues>

Individual Progress:

- Akshat Sahay
 - Merged FSW updates for the v2 mainboards to main branch
 - <https://github.com/cmu-argus-2/FSW-mainboard/pull/61>
 - Contained HAL changes, driver changes and improved modularity within the comms task
 - Issues in other subsystems blocked merge and required some bug fixes, issue has been created to address these bugs
 - Started comms + CDH integration
 - Planned [GS commands for CDH](#) added in [comms message database](#)
 - Met with CDH FSW people (Ibrahima and Alexis) to discuss interfacing
- Adrian Walker
 - Got GPS code onto FSW repo
 - Need to still create PR and merge
 - Mounted the GPS module to a current main board
 - Still need to test
 - Started trying to understand the licensing needed for the cubesat launch
 - Started reviewing board designs