

GNC Progress Documentation

Week 1 (Jan 13 - Jan 17)

Subsystem Progress

- Decided short term goals for the subsystem
- Decided the global state-machine execution relevant to ADCS in FSW

Individual Progress

Karthik Karumanchi

- Identified a potential IC for RW to replace the STM32, motor driver and encoder
- Caught up to RW work from the previous semester
- Worked with FSW team to decide on the state-machine for FSW

Derek Fan

- Added additional unit tests for corner cases.
- Removed software conflicts with CircuitPython
- Conceptualized the remaining ADCS task structure in FSW

Arvind Car

- Caught up to Vision work from the previous semester/year

(Contributors not signed up for the course)

Pedro Cachim

- No progress

Frederik Markus

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