Eric & Sarah have been working on the NRL quarterly report and end of FY management issues.

Ryan reported that he is now building new C++-14-compatible stacks on Hera for intel 18, 19, and 20.

Henry reported that their team now has cycling 3DVar UFS applications running with SOCA, working with Travis. They're using GSI as a placeholder for now but will soon integrate jedi.

Rick has been working on improving our github and zenhub monitoring tools, including zenhub integration. He also reported progress on ewok; they now have end-to-end cycling working with the toy models and tools implemented for data movement. He's developing this mainly on his Mac now but will soon move the workflow to Orion.

Maryam has updated the containers for CI testing on CodeBuild and Travis and addressed subsequent test failure on the intel side for ioda-engines. She has also been improving the code pipeline, making them more sophisticated with different pipeline options such as "trigger fv3" or "trigger soca". She has also continued to work on remaining issues from the documentation and testing code sprints.

Mark O's top priority before his imminent paternity leave is to update the NRT app to do 4D $H(x)$ with GEOS. He's working with Dan on this, implementing the workflow on Discover. One challenge he has faced is how to work with the large number of obs files (~1500), which he has addressed by concatenating them into fewer files. This is now working for all osbs types. The goal is to produce another web site that publishes geos 4D $H(x)$, updated independently from the gfs $H(x)$ site.

Jian has continued to work on implementing the coupled ocean S2S workflow on stampede 2. He is also working with fv3-bundle on Orion.

There was then further discussion on outstanding issues from the testing and documentation sprints and September milestone, and a review of the October milestone. Then we discussed what the JEDI 1 team still needs to do for the release, focusing on GitHub migration and preparing $H(x)$ applications for use with tutorial containers and the upcoming Academy.