Meeting objectives

Plenary objectives

- **Data products**
  - Products with short latency (2-3 days) and less accuracy for science and applications.
  - Simulated data products getting users ready for SWOT. For both Science Team and early adopters.
  - Access and analysis infrastructure in and out of clouds

- **HR Mask**
  - Fine-tune the ocean/coastal/sea-ice HR data coverage during the CalVal and nominal phases
    => Revive the HR mask working group

- **Algorithm development**
  - ATBD roadmap and schedules
  - Recruitment of Subject Matter Experts

- **CalVal plans** to be updated for the mission's measurement review (December) and CDR (February 2018)

Ocean & coastal splinter objectives

- Major challenge & opportunity for SWOT is the presence of internal waves and balanced dynamics at similar wavelengths in 15-200 km band. At this meeting the ocean splinters will address this in detail

- Update the ST on progress on the SWOT observation of ocean surface roughness/waves, and their impact on the SSH error

- Day 3 Plenary : update on SWOT observations in the coastal and estuary regions, cryosphere and for the marine geoid/bathymetry

- Day 4 : Dedicated ocean CalVal session – progress on our CalVal plan is needed for the Mission CDR (measurement review in Dec), and to have enough lead time to prepare larger ocean campaigns with ships …

Hydrology splinter objectives

- Day 2 Breakouts: Introduce and discuss in detail SWOT HR algorithms and data products, including the pixel cloud, raster, river and lake vectors, discharge, water detection, layover detection, a priori datasets etc.

- Day 3 Breakouts: Update the ST on progress in SWOT hydrology simulations, model integration, and data assimilation efforts.

- Day 3 Plenary : update on SWOT observations in the coastal and estuary regions, and the cryosphere

- Day 4 : Dedicated hydrology cal/val session, with focuses on defining prelaunch and postlaunch implementation strategies, status of the progress in coordinating work among the U.S., France, Canada, and international partners.