

# Key Points to be Discussed during Tides - Internal tides – HF Splinter - Discussions



## Jason-2 Extension of Life

- If the Jason-2 is still healthy enough by the end of the second geodetic phase that just started, what ought to be the next orbit?
  - Repeat the first geodetic orbit
  - Repeat the second geodetic orbit
  - Interleave again

Discussions for each splinter are organized at the end of each session.  
Plenary discussion and recommendations will take place on Friday afternoon.

# Key Points to be Discussed during Tides - Internal tides – HF Splinter - Discussions



## Jason-3 Extension of Life

- What are the recommendations for the Jason-3 orbit after tandem cal/val phase with Sentinel-6A and SWOT will also be on orbit
- Continue an interleaved orbit (as per usual) or something different?

Discussions for each splinter are organized at the end of each session.  
Plenary discussion and recommendations will take place on Friday afternoon.

# Tides - Internal tides – HF Splinter - Discussions



- Do we wish to recommend an internal tide model for use by the community (e.g., in CMEMS processing, in RADS, etc.)?
- Any such recommended model is likely to be upgraded in the near future, as there is currently much work being done on this
- Still need to better understand/estimate internal tides variability (seasonal, inter-annual, climate change trend), from data or (multi) model (realistic/academic) based approaches

# Tides - Internal tides – HF Splinter - Discussions



- Should we start to worry/investigate about barotropic tides non-stationarity or long-term change (linked with ice-cover change, sea level rise, etc...) ?
- We want to continue efforts to make tidal correction errors more homogeneous with dedicated efforts toward shallow water/high latitudes regions - bathymetry improvements/regional modeling configurations studies ...
- The DAC/tides separation issue, especially for the shelf/coastal seas problem - do we still wish to keep as independent corrections as possible ?
- DAC RT/forecasts products = GDR-E → SARAL in 2019