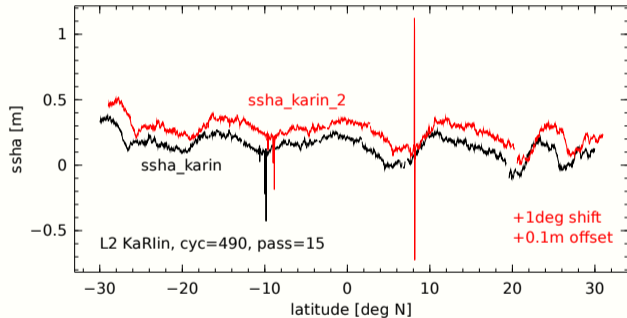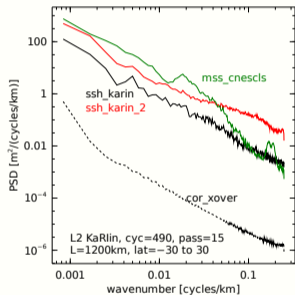# Tides & Inertia-Gravity Waves WG Splinter

- Loren Carrere et al: Estimating baroclinic tides from and for SWOT

- Florent Lyard et al: Barotropic corrections for SWOT: FES2022 and DAC

- Y. Badarvada and R. Thakur: Exploring the potential of hydrodynamical models for nadir and swath internal tide corrections

- Maarten Buijsman: Nonlinear internal tides in global HYCOM

- Noe Lahaye et al: High-frequency variability, Noé Lahaye, Aurélien

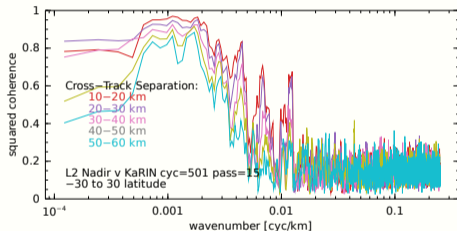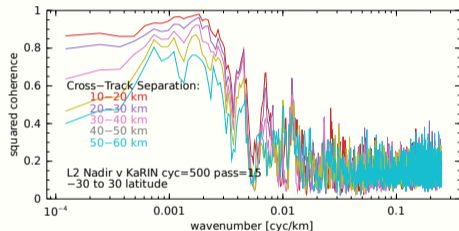- 10 minutes each + 20 minutes Discussion

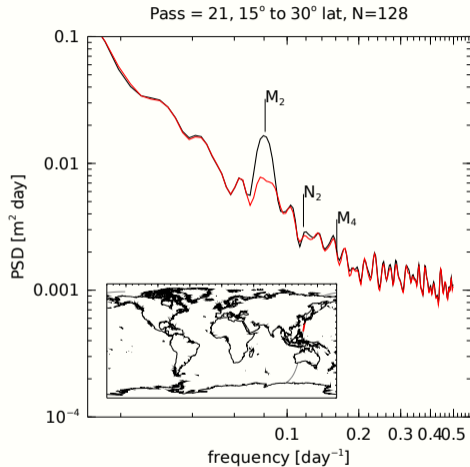21 September 2023
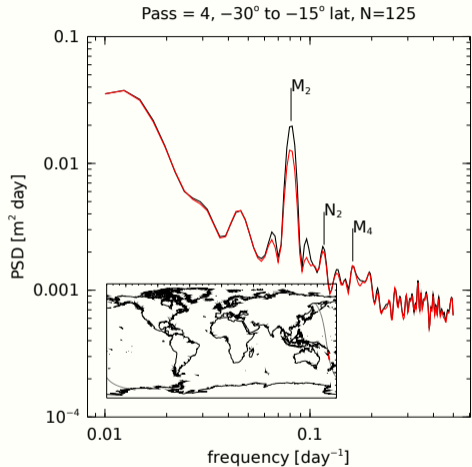SWOT ST Meeting, Toulouse

Example 1

We need to help the project team identify anomalies. Still need to do our own outlier rejection for even the most basic analysis.

Peaks in the cross-track coherence are (more-or-less) consistent with expectactions for propagating low-mode internal tides near Hawaii.

Example 3a: L2 Nadir

Pass = 4, −30° to −15° lat, N=125

Pass = 21, 15° to 30° lat, N=128

Pass = 5, −30° to −15° lat, N=132

Pass = 8, −30° to −15° lat, N=52