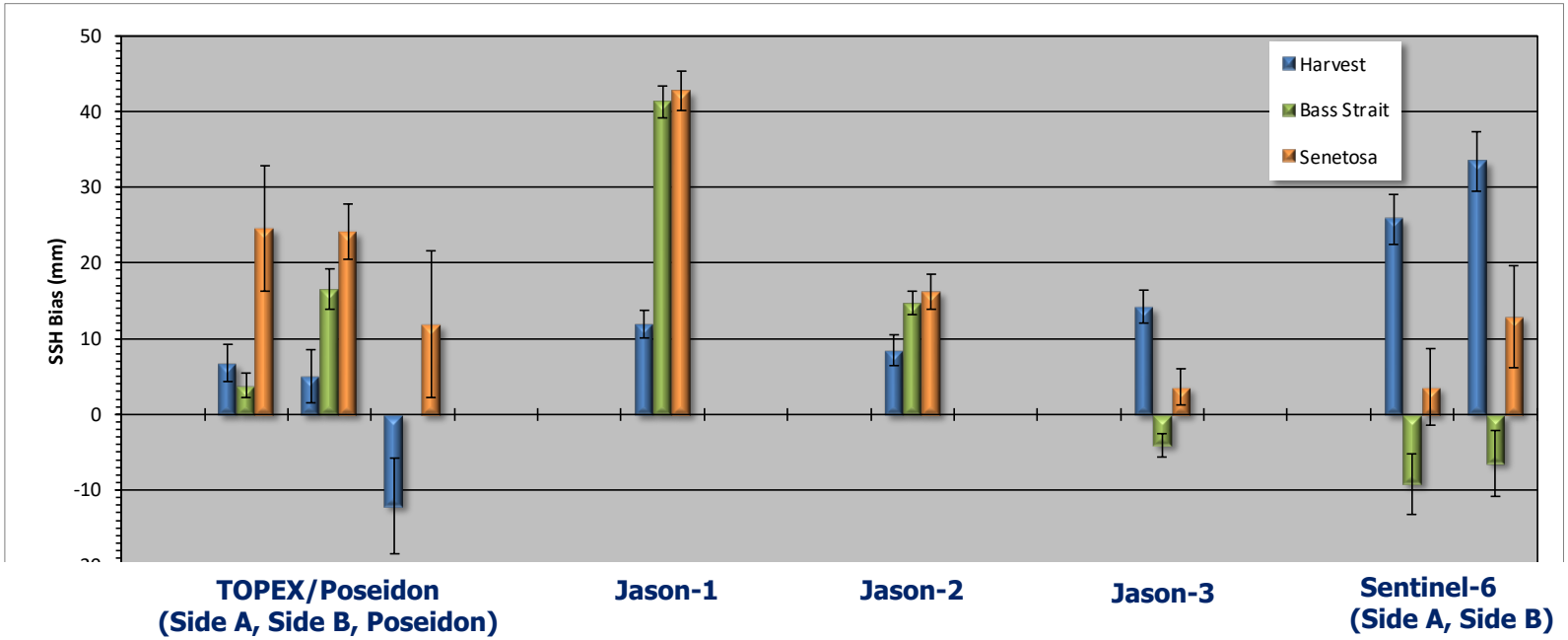
Current Results from Dedicated Calibration Sites

Compilation of Absolute SSH Bias Estimates *(Bonnefond et al., Watson et al., Haines et al.)*



Some Highlights from the Oral and Poster Sessions

- ~ 1 cm inter-mission bias between Sentinel-6 Low-Rate and Jason-3 (*Bignalet-Cazalet et al., Bonnefond et al., Haines et al., Watson et al., Mertikas et al., Nilsson et al.)*
- *< 1 cm geographically correlated sea surface height errors observed in Sentinel-6* Low-Rate *vs Jason-3 tandem differences, exposing errors in each. (Bignalet-Cazalet et al., Nilsson et al., Beckley et al., Leuliette et al.)*
- Historical cal/val sites (Bass Strait, Harvest, Corsica, Crete) continue to support in-situ cal/val of reference missions from diverse locations, approaches, and in-situ instruments. (*Bonnefond et al., Haines et al., Watson et al., Mertikas et al.)*
- Newer cal/val sites and approaches demonstrating value of increasing diversity of locations and techniques, including for benefit of historical missions. e.g., Noumea, Catalina (*Chupin et al., Desjonqueres et al., Elipot et al.)*
- Altimetry can also be used as method to correct datum errors in tide gauges, with care to maintain history (*Ray et al*.)
- Loss of tide gauges from network impacting altimeter drift estimates *(Leuliette et al.)*

Some Highlights from the Oral and Poster Sessions

- Jason-3 data continue to demonstrate good performance, including after transition to interleaved orbit, with data from adaptive retracking showing better performance except very close to coasts (*Roinard et al., Forster et al.)*
- Sentinel-3 A and B data demonstrating good performance and consistency with other missions. Has some understood processing errors to be corrected. (*Nencioli et al., Cancet et al.)*
- HaiYang-2B and 2C data demonstrating good performance, with some planned processing updates (Philip et al., Mertikas et al.)
- Cryosat (Vignudelli et al, Flores de la Cruz et al., Naeije et al.) data demonstrating excellent performances (despite the single freq altimeter and the lack of radiometer data)
- SARAL (G.Jettou et al, Prandi & al) data demonstrating excellent performances, nearly 10 years after launch date
- TOPEX and Poseidon reprocessing to GDR-F is complete with products planned for release in January 2023. (*Desjonqueres et al., Roinard et al., Guerou et al.)*

Almost no Discussions!

- We will make use of the Forum ☺ In particular for the 2nd tandem between JA3 and S6-MF