IGS

High Frequency EOP - 2019

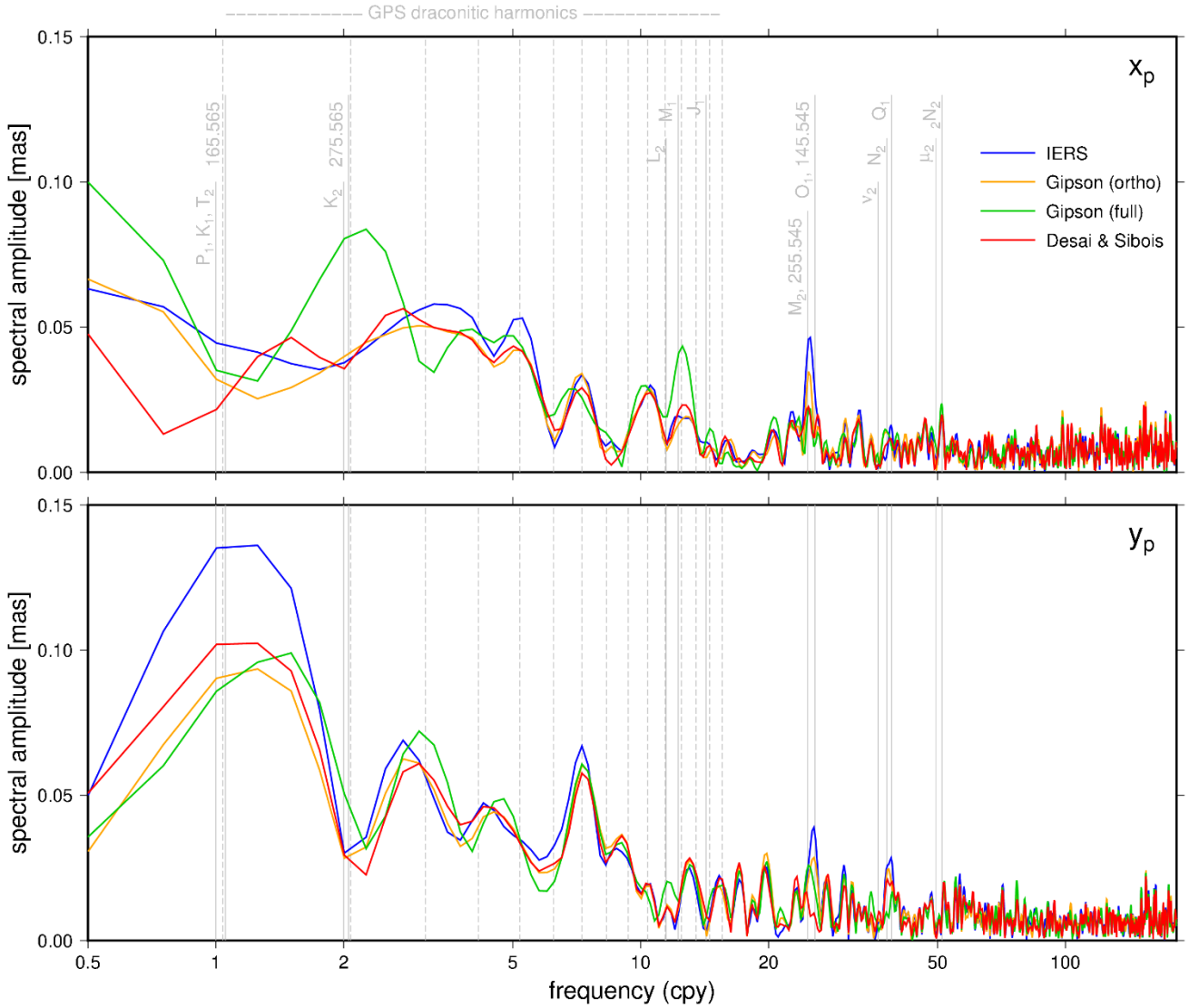
Program

	Monday (April 15)	Tuesday (April 16)	Wednesday (April 17)
09:00 - 10:00	Welcome and overview of repro3	S3: Antenna PCC	S5: other models and repro standards
10:30 - 11:00	Break		
11:00 - 12:30	S1: Orbit Modelling	S3: Antenna PCC	Closing session and recommendations
12:30 - 14:00	Lunch		
14:00 - 15:30	S1: Orbit Modelling	S4: Time variable gravity and tidal models	GFZ tour
15:30 - 16:00	Break		
16:00 - 17:30	S2: High frequency EOP	S5: other models and repro standards	
		Dinner	

High Frequency EOP

- Current Model is over 20 years old
- There is a clear need to adopt a new model
  - Improving the sub-daily components of the EOP will have a positive impact on IGS products
- Investigations into which high frequency Earth Orientation Model to adopt has being going on for many years
- Generally fall into two categories:
  - Those determined from satellite altimetry
  - Those empirically derived from VLBI or VLBI+GPS
- We need to ensure we are consistent between geodetic observation techniques

Midnight Discontinuities Gipson and Desai



Midnight Discontinuities Gipson (ortho)