Discussion Points for Splinter Sessions

Project Scientists

Discussion questions

Jason-2 issues

Interest in reprocessing the last part of the 2nd LRO not available in GDR?

Jason-3 issues

- Should Jason-3 be placed in an interleaved orbit (like Jason-2)? Or should Jason-3 go directly into a geodetic phase? Likely End 2021.
- What end-of-life orbits should be considered for after the interleaved phase?
- Reconstitute an EoL group to study possibilities?

Other

- **QUESTIONS FROM THE AUDIENCE**
- Value of extending the reference period to 30 years?
- MDT issues – MSS-> MDT errors.
- Data for validation (Independent satellite)
- MSS with/withour DAC(IB)

Other from organizers

- How should we advance coastal, hydrology, cryosphere, and ocean altimetry?
- Should the OSTST try a joint meeting with other teams (Argo, SWOT, etc.)? If so, what other groups?
- Are there suggestions about how lower the carbon footprint of the meeting?

The Future of the OSTST

How should we advance coastal, hydrology, cryosphere, and ocean altimetry?

Should the OSTST try a joint meeting with other teams (Argo, SWOT, etc.)? If so, what other groups?

Are there suggestions about how lower the carbon footprint of the meeting?

5G Contamination

Concerns have been raised on radio frequency interference from the 5G spectrum on the 23.8 GHz radiometer channel

- Splinters are encouraged to comment on the possible impacts of 5G interference.
- Are any additional studies needed to determine the risk to altimetry?

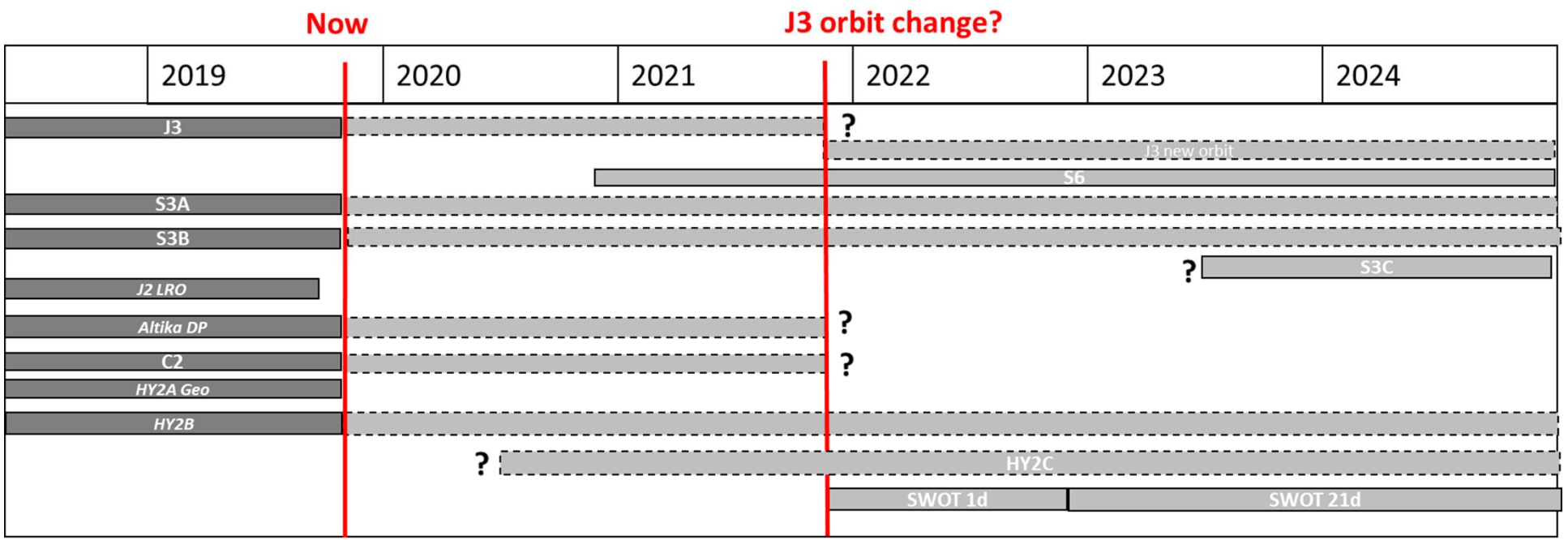
Sentinel-3 altimeter stability

A stability issue has been identified in the Sentinel-3A altimeter.

What cal/val and instrument processing studies should conducted in advance of Sentinel-6/Jason-CS? Sentinel-3A could be a good testbed for these studies.

Sentinel-6/Jason-CS Annual Reprocessing

- Notes:
  - Jason-2/3 products are to be updated to GDR-F standards and format, which is consistent with the Jason-CS standards and format at launch
  - From experience, because most evolutions are instrument specific (e.g. sea state bias), many S6/JCS updates would not break the consistency


Now
J3 orbit change?
2019
2020
2021
2022
2023
2024
J3
?
J3 new orbit
S6
S3A
S3B
?
S3C
J2 LRO
Altika DP
?
C2
?
HY2A Geo
HY2B
?
HY2C
SWOT 1d
SWOT 21d