



# Jason-CS status

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# Jason-CS = Continuity of Services (LRM Mode)



**Extending the path/services of T/P, Jason-1/2/3**

**A reference in the OST constellation**



# Jason-CS = Complementing Sentinel-3 (SAR Mode)



**Continuity of improvement**  
**Jason-CS :=**  
**Continuity and SAR**



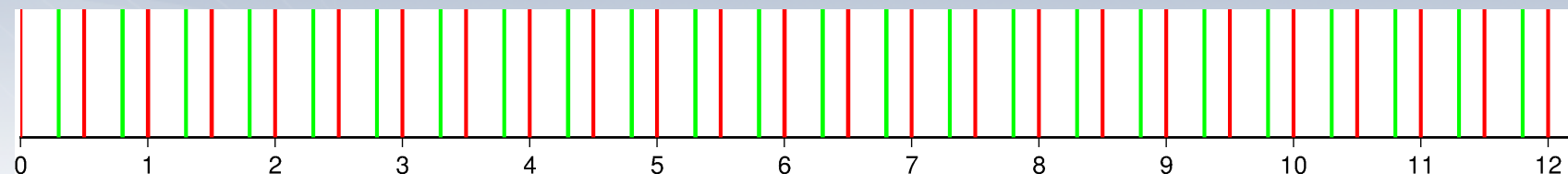
# Jason-CS <> “DauerBaustelle”



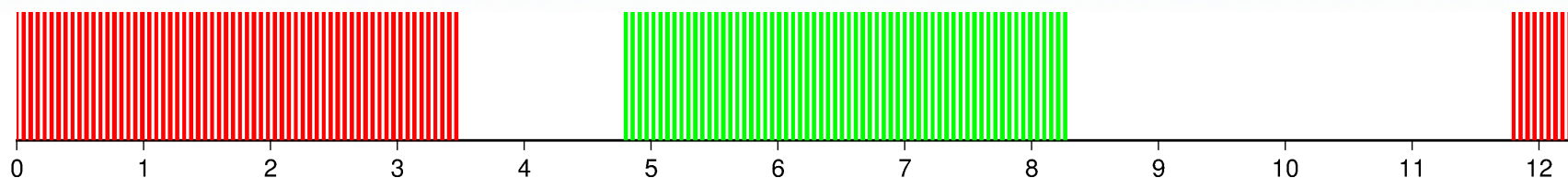
**We have to re-ensure  
and explain the  
benefits**



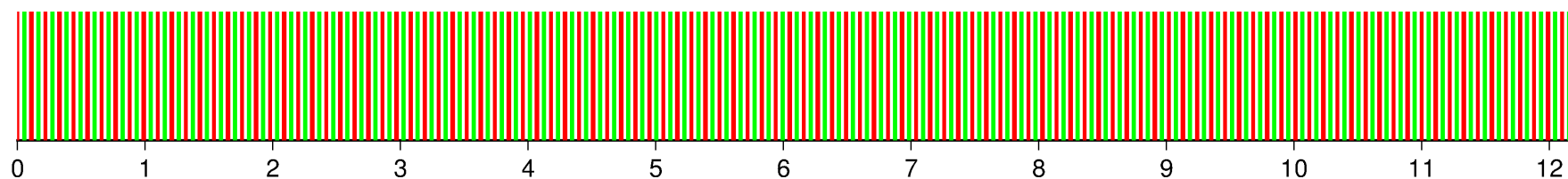
# Interleaved Mode (INTM): LRM + SARM



LRM



SARM



**Figure 6: Sketch of the Interleaves Mode pulse timing over 12 ms. Red (green) stripes represent generated (received) pulses (Courtesy NOAA).**

SARM+LRM



# EUMETSAT SAR MODE ERROR BUDGET Study

## EUMETSAT: Small Support Study with NOC:

To compose an synthesis of the current understanding of the SAR Mode.  
This workshop is part of the study set-up.

### Objectives:

- Scientific and Technical support to the EUMETSAT Potential Participants (member states) deciding on the EUMETSAT programme.
- Support to other Jason-CS Phase B activities. (e.g. Expressing requirements)
- Input for the preparation for the Sentinel-3 Activities.



# EUMETSAT Potential Participants Meetings

1<sup>st</sup> PPM was held on 9 April 2013 with most of the Potential Participating States attending and with observers from ESA, NOAA and EC.

⇒ Supported to further investigate a design allowing the interleaved mode combining the SAR and the LRM modes.

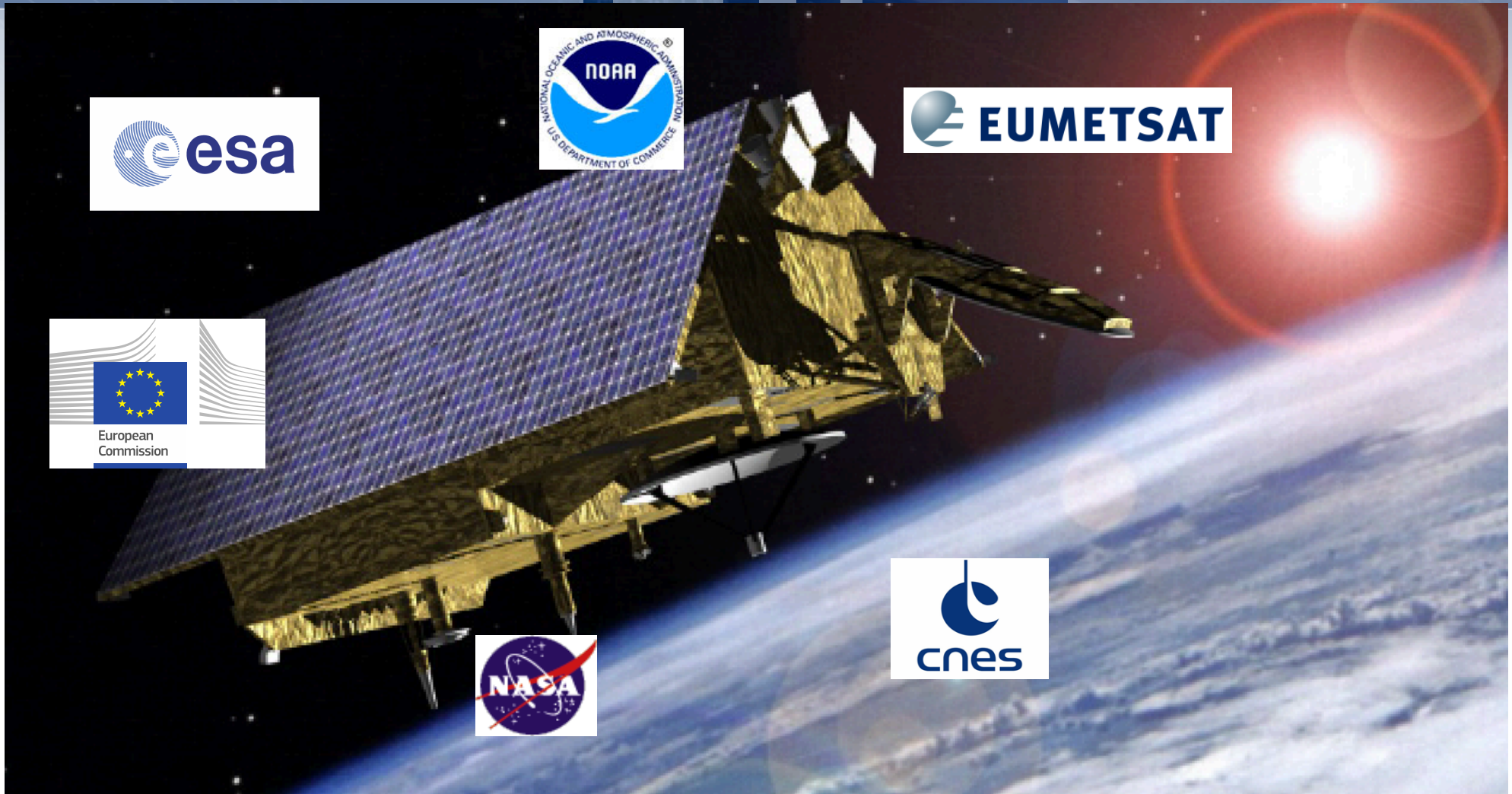
2<sup>nd</sup> PPM will take place on December 3<sup>rd</sup> 2013. the EURD will be presented as well as preliminary results and assessment from the Phase B2.

An outline of a cooperation framework with the co-operating entities will also be provided including assessment of other scenarios.

3<sup>rd</sup> PPM : spring 2014.



# Jason-CS: Cooperation Framework



SAR Altimetry Expert Meeting  
NOC, Southampton ,26-27 June 2013







## We are in Phase B

### Phase B1:

The Satellite Design Review, SDR, was held successfully from December 2012 to February 2013. This was the final review of the extended satellite Phase B1.

### Phase B2:

Kicked off 4th of June 2013.



# Preparation of the set of top level requirements

The End User Requirement Document (EURD)

The Mission Requirement Document (MRD)

The System Requirement Document (SSRD)

- Working meeting next week
- System Requirement Review (SRR) planned at the end of 2013.



## Continuation of Interaction with the Experts

This Workshop is an important element in that

Happy and Successful Workshop!