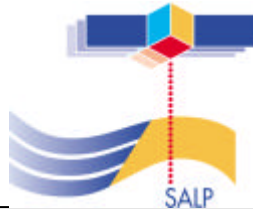


SALP and Jason-1 project status

S. Coutin-Faye and G. Kunstmann

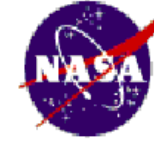
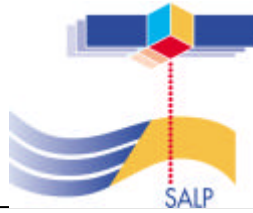




SALP project status

SALP (Service d'Altimétrie et de Localisation Précise) is the CNES Service devoted to elaboration and distribution of products for altimetry, orbitography and DORIS precise positioning related science and applications

- Geophysical mission products (IGDR, GDR, SGDR, OSDR, orbit ephemeris, beacon coordinates, auxiliary files...)
- Validation products (SLA and NRT-SLA, MSLA and NRT-MSLA, CORSSH)
- Outreach products



SALP means

- DORIS instruments on-board SPOT2/4/5/Envisat/Topex/Jason-1
 - POSEIDON instruments on-board Topex and Jason-1
 - Jason-1 satellite
 - Jason Command and Control Center including Aussaguel TM/TC station
 - SSALTO mission center including the value-added processing chain DUACS
 - AVISO user services
 - F-PAC user services for ESA/ENVISAT mission
 - DORIS beacons network
-
- SALP operations approved through at least 2012



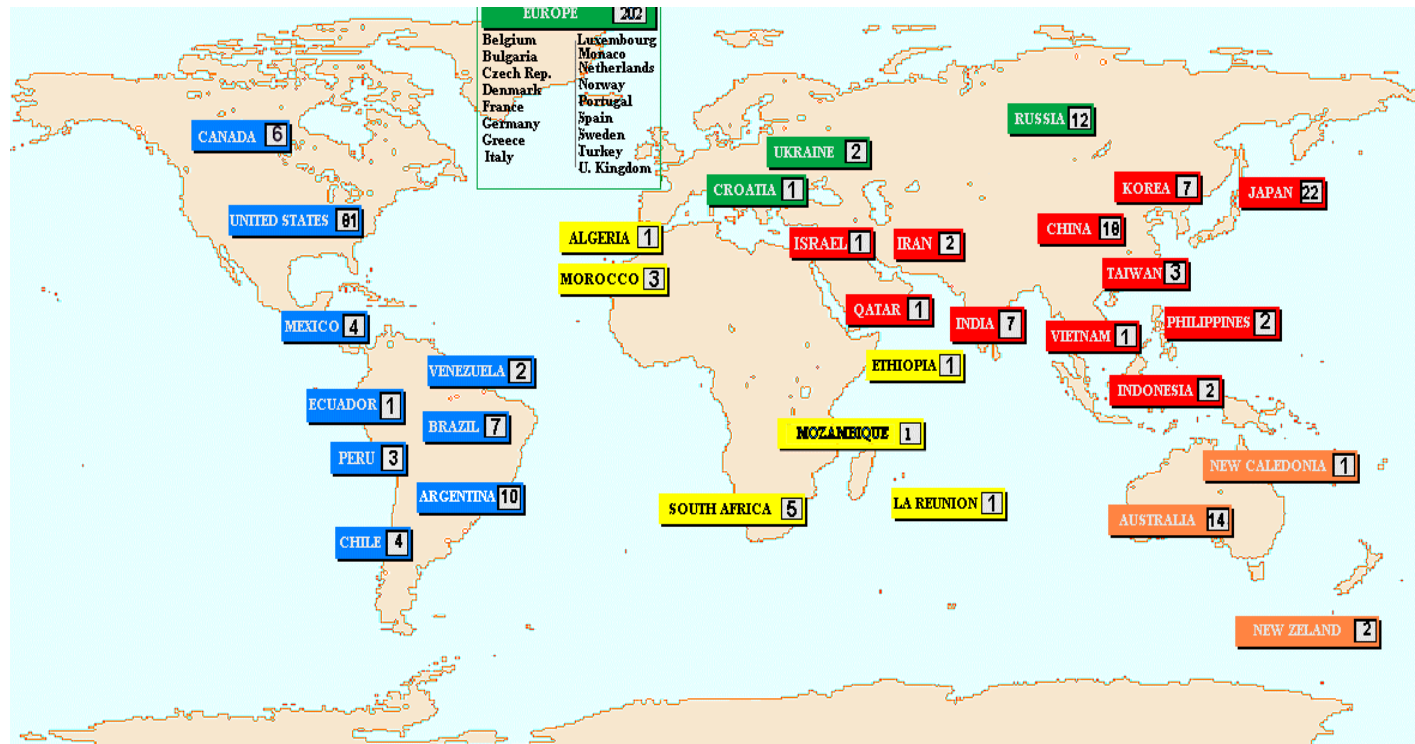
SALP missions products

| Missions | Launch date | Duration | Altimetry | Beacon positioning | Orbit determination |
|---|-----------------|----------|-----------|--------------------|---------------------|
| Doris/Envisat, French processing and Archiving Center | 1 mars 2002 | On going | X | | X |
| Jason-1 | 7 décembre 2001 | On going | X | (X) | X |
| Doris/Spot 5 | 4 mai 2002 | On going | | X | X |
| Doris/Spot 4 | 24 mars 1998 | On going | | X | X |
| Doris/Spot 2 | 22 janvier 1990 | On going | | X | X |
| TOPEX/POSEIDON | 10 août 1992 | On going | X | (X) | X |
| GFO-1 | 10 février 1998 | On going | X | | |

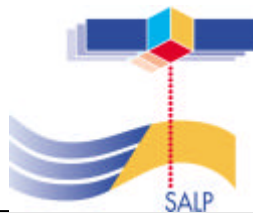
NB : GFO-1 is used in the SSALTO/DUACS processing chain for validation products elaboration



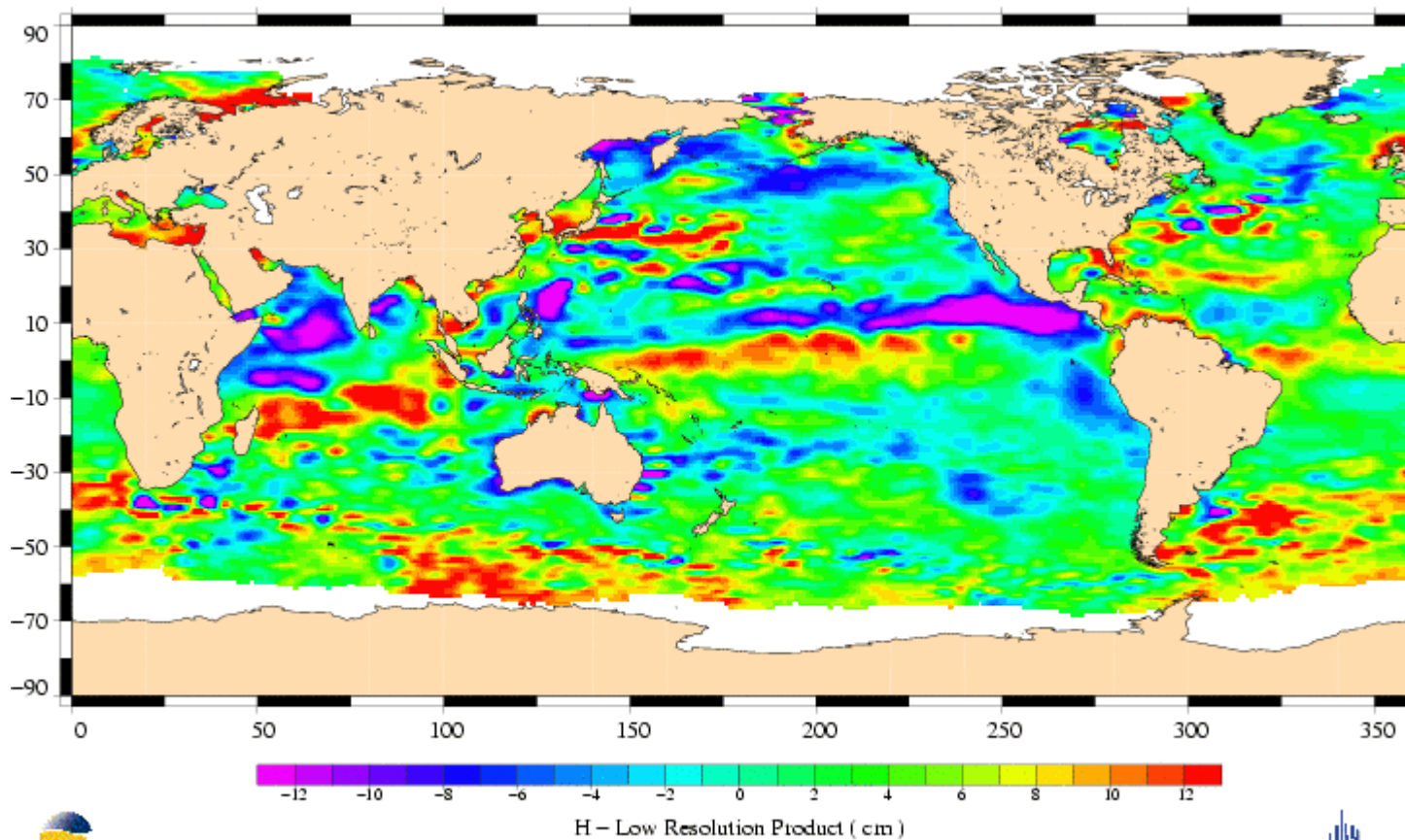
SALP products users in the world



June 2003 : 433 MSLA users in the world (49 countries)

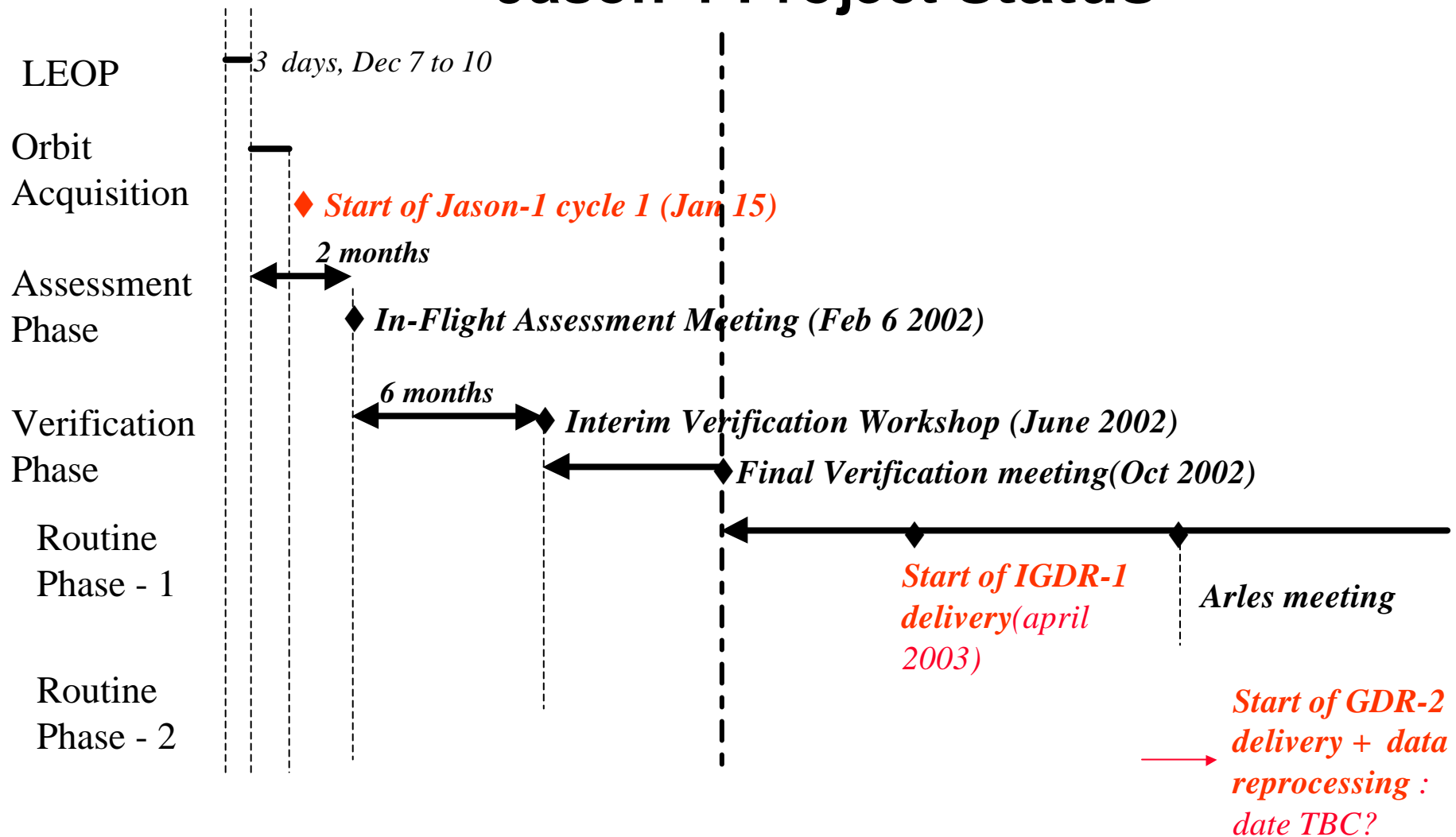


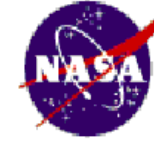
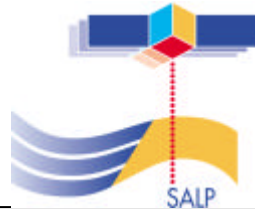
SSALTO/DUACS – NRT MSLA – Merged Product
2003/11/08





Jason-1 Project status





Jason-1 events since New Orleans

- The first NASA/CNES exploitation review (REVEX): successfully held in Toulouse on March 18-19, 2003
- Start of IGDR1 production and delivery: Cycle 46
- Start of GDR1 processing, reprocessing and delivery: 9th of July 2003
- Completion of GDR1 reprocessing thank to the effort of the different US and french teams involved in operations
 - satisfactory product quality (see P. Vincent presentation)
 - Jason-1 system performance is very good (see G. Kunstmann, B. Bonhoure and N. Maléchaux presentations)