



## Sea Level CCI project

### Phase II 1<sup>st</sup> annual review





# Work progress status and Project management

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### **Work Progress Status (CLS)**

- The different WPs
- The schedule

### **Project management (CLS/CGI)**

- Contractual aspects
- Deliverables status: phase I and phase II
- Reporting
- Project meetings



**WP6: Project Management**

**WP1: Requirements management**

**WP2: Thematic investigations**

**WP3: System evolution**

**WP4: Sea Level products generation**

**WP5: Assessment of products**

**Options**

## **SL-CCI Phase II**

*In Progress*

*In Progress*

*In Progress*

*In Progress*

*In Progress*

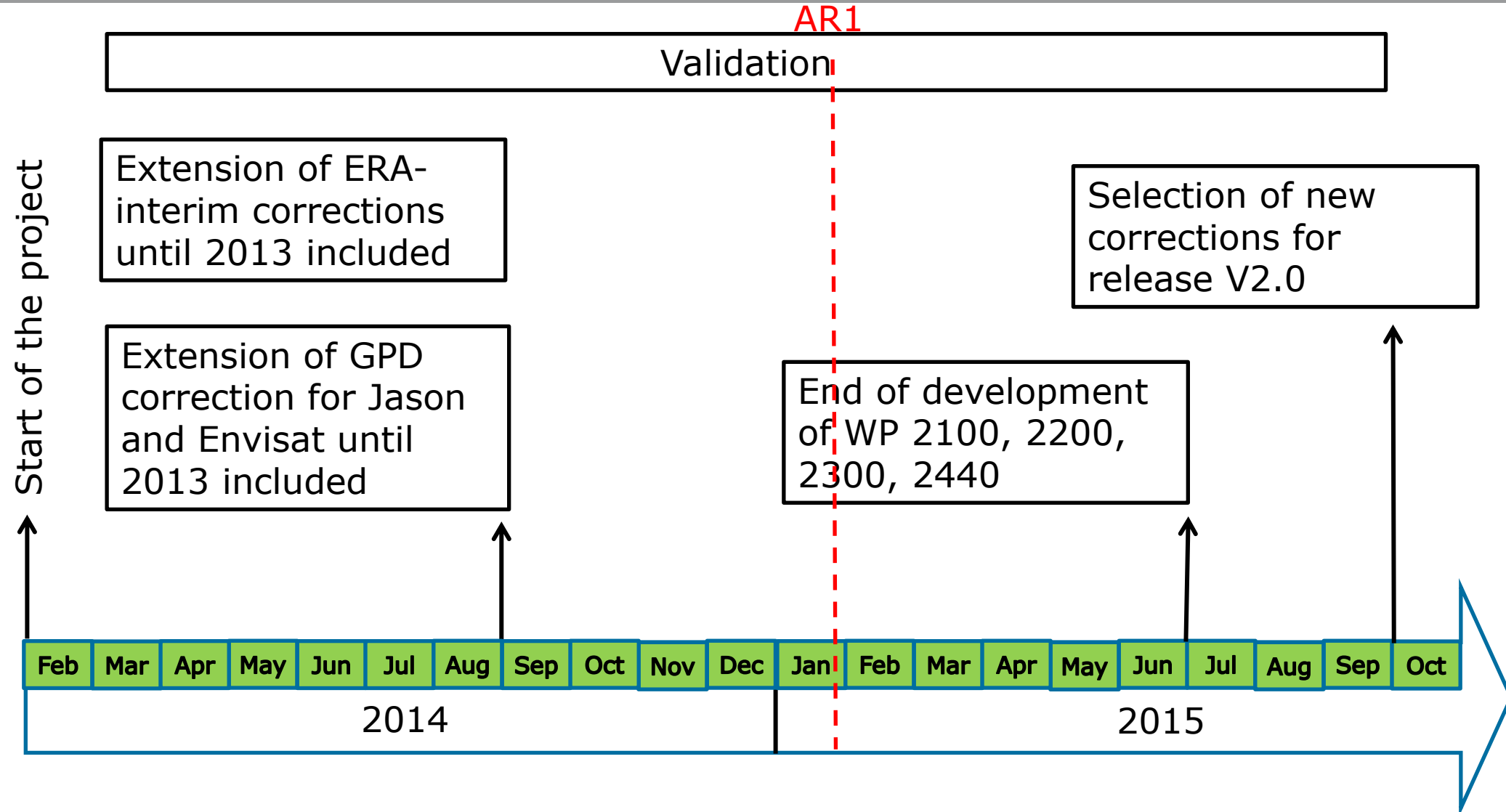
*In Progress*



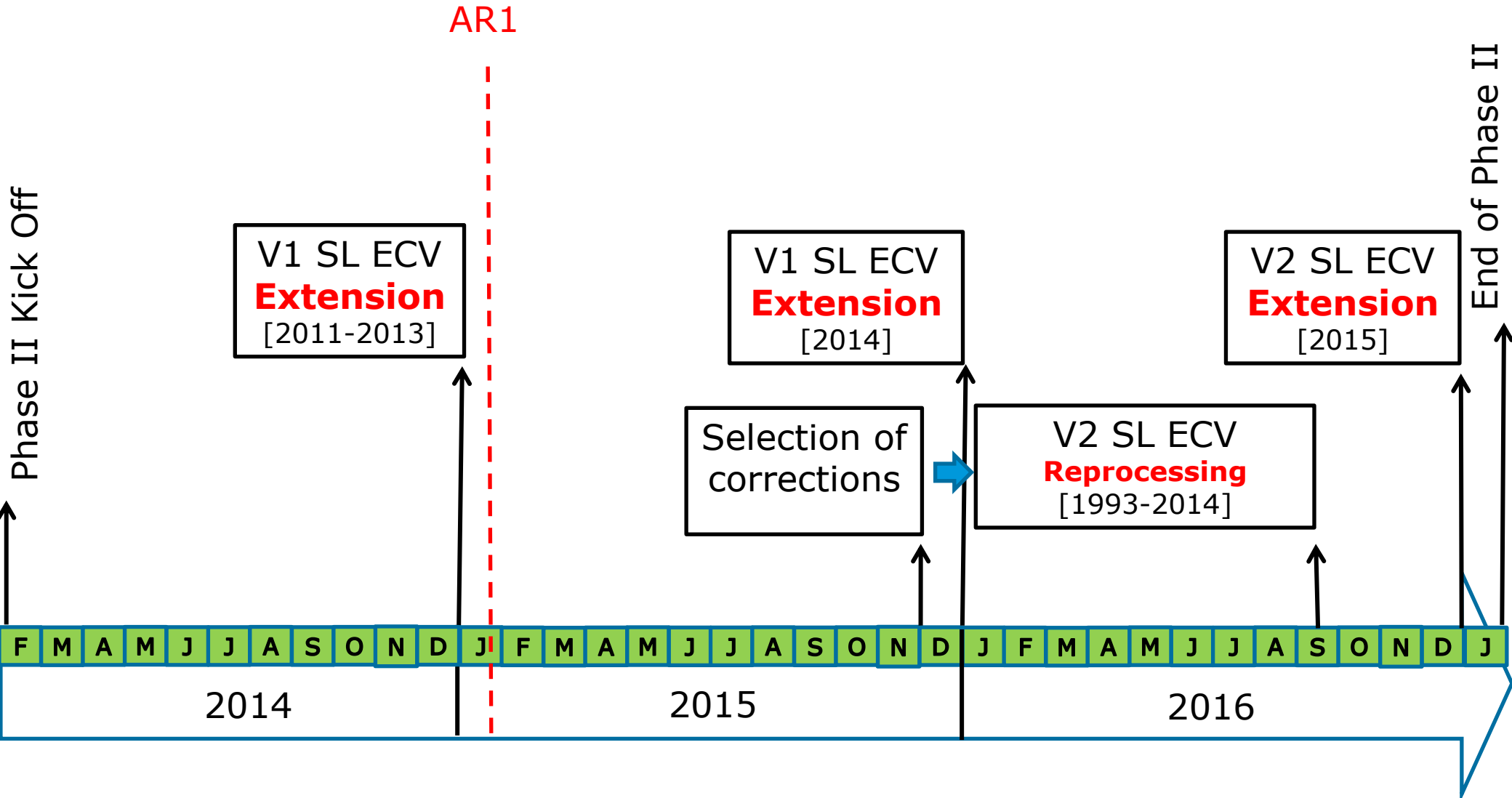
**AR1**

		year	2014					2015				2016			
		months	1	4	7	10	13	16	19	22	25	28	31	34	
<b>WP 1000</b>	<b>Requirements management</b>														
WP 1100	URD update														
WP 1200	PSD, DARD, CECR update														
WP 1300	Participation to CMUG														
<b>WP 2000</b>	<b>Thematic investigations</b>														
WP 2100	Integration and development of new corrections														
WP 2200	Improvement of data quality in arctic area														
WP 2300	Improvement of data quality at the coast														
WP 2400	Impact and sensitivity to the atmospheric fields														
WP 2500	Impact of ENVISAT preparation of S-3														
WP 2600	Validation and Selection of best altimeter standards														
WP 2700	Option NOC + PML														
<b>WP 3000</b>	<b>System Evolution</b>														
WP 3100	Review of Phase 1 & dev plan for phase 2														
WP 3200	System Evolution														
WP 3300	Participation to SEWG & DHWG														
<b>WP 4000</b>	<b>Sea-Level products generation</b>														
WP 4100	Sea Level Products Extension														
WP 4200	Sea Level Products full reprocessing														
WP 4300	Product validation														
<b>WP 5000</b>	<b>Assessment of output Product by CRG</b>														
WP 5100	Assessment by CRG														
WP 5200	Error characterisation														
WP 5300	Intercomparison exercise														
<b>WP 6000</b>	<b>Project Management</b>														
<b>Option</b>															
	Option TUD														

# Project status: WP2 technical developments



# Project status: WP4 Production planning





## Contractual Aspects

- **Options to the baseline**

Two options have been accepted by ESA in May 2014:

- The contract of **TUD option** has been signed and the work has started (see this afternoon presentation)

- **NOC + PML option:** A 1st version of the CCN had been proposed but the schedule had to be changed and the ESA/CLS CCN has also to be modified. The document has been recently finalized and the contracts are being signed.

=> Presentation of the options task this afternoon

- **Next milestone of the payment plan: February 2016**

=>The partners are asked to send their invoice to CLS as soon as possible





The **Project Management Plan (PMP)** has been updated (now V1.5), including:

- Start of phase II and kick off meeting results
- Acceptance of options
- WP descriptions
- New people in the team of some partners
- SE activities: change of key personal
- Meetings dates
- Publications

PMP available on the ftp site of the SL\_cci team



## **Deliverables (CGI)**

- **Status of the Phase I deliverables**

All Phase I deliverables have been accepted by ESA.



## Status of the Phase II deliverables (year 1)

Tasks	Deliverables	Planned	Revision & Date	Contributors
<b>WP 1000</b> Requirements Analysis & Product Specification	D1.1 User Requirement Document	K0 + 3 K0 + 12	22/10/14 (Issue 1.6) No update for KO+12	<b>NERSC</b> , University of Hamburg, CLS
	D1.2 Product Specification Document	K0 + 3 K0 + 12	05/09/14 (Issue 2.5) Issue 2.6 (19/01/15)	
	D1.3 Comprehensive Error Characterization report	K0 + 3 K0 + 12	Issue 2.0 dated 16 <sup>th</sup> Dec 2014 sent to ESA on 19/01/15	
	D1.4 Data Access Requirements Document	K0 + 3 K0 + 12	01/09/14 (Issue 2.2) KO+12 updates in progress	
<b>WP 2000</b> Algorithm Development, Intercomparison and selection	D2.1 ATBD	K0 + 6	No update of this document has been produced at this stage of the project and we have proposed to use the current version - ATBDv1 Issue 2.1	<b>CLS</b>
<b>WP 2520</b>	Sensitivity of the MSL calculation changing the orbit reference mission: Sentinel-3 instead of Jason missions		Issue 1.0 (19/01/2015)	<b>CLS</b>
<b>WP 3000</b> Algorithm Development, Intercomparison and selection	D3.1 System specification document	K0 + 6	Issue 1.0 (29/09/14), accepted?	<b>CLS</b> , CGI
	D 3.2 System verification Report	K0 + 12	Issue 1.1 (19/01/15)	
	D3.3 Product User Guide	K0 + 12	Issue 1.9 (19/01/15)	



## Status of the Phase II deliverables (year 1)

Tasks	Deliverables	Planned	Revision & Date	Contributors
WP 6000 Project Management	Project Management Plan	Each Progress Meeting	12/12/14 (Issue 1.5)	CLS
	Monthly Progress Reports	Each month	monthly	CGI, CLS + All partners
	Quarterly Progress Reports	Every 3 months	March, June, September, November 2014 submitted	
	Project Web Site	Monthly Update	monthly	CGI
	Minutes of meetings	For each meeting	09/12/14 (PM3)	CGI

## Round Robin Data Packages:

- Some **Round Robin Data Packages** (comparison of a new version of some altimeter standards with a reference version) have been performed and have been delivered (Dec. 3<sup>rd</sup>, 2014) on the project ftp: **validation expected from ESA** before upload on the project website.



## Monthly Progress Reports

**When:** Every month!

Input to be provided by 2<sup>nd</sup> Week of month

Submitted: April, May, June, July, August, September, October, November, December 2014 and January 2015

## Quarterly Progress Reports

**When:**

To align with DOSTAG & PB Mtgs submission dates.

Q1 2014 submitted: 12<sup>th</sup> March 2014

Q2 2014 submitted: 26<sup>th</sup> June 2014

Q3 2014 submitted: 10<sup>th</sup> Sept 2014

Q4 2014 submitted: 26<sup>th</sup> Nov 2014

- CGI takes the **minutes of meetings**. They are available on the ftp site of the project

# Project Management

## Project meetings



Meetings	Place	Time	CLS	LEGOS	UoP	GFZ	DTU	isardSAT	NOC	PML	CGI	UoH	ECMWF	NERSC	TUD
Kick-off / Collocation 1	ESRIN	KO	✓	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓
PM1	Video	KO+3	✓	✓							✓				
CMUG 1	Exeter	KO+5	✓	✓									✓		
PM2	Video	KO+6	✓	✓							✓				
PM3	Video	KO+9	✓	✓							✓				
Collocation 2	TBD	KO+9	✓	✓									✓		
Annual Review #1	Toulouse	KO+12	✓	✓	✓	✓	✓	X	✓	✓	✓	✓	✓	✓	✓
PM4	Video	KO+15	✓	✓							✓				
CMUG 2	TBD	KO+17	✓	✓										✓	
PM5	Video	KO+18	✓	✓							✓				
PM6	Video	KO+21	✓	✓							✓				
Collocation 3	TBD	KO+21	✓	✓							✓	✓			
Annual Review #2	TBD	KO+24	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PM7	Video	KO+27	✓	✓							✓				
CMUG3	TBD	KO+29	✓	✓									✓		
PM8	Video	KO+30	✓	✓							✓				
Collocation 4	TBD	KO+33	✓	✓							✓			✓	
AR3	ESRIN	KO+36	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



Meeting	Location	Date	Comments
CMUG 1	Exeter	June 2014	
PM 1	Video	June 2014	
PM 2	Video	Oct. 2014	
Colocation	ESRIN	20-22 Oct. 2014	
PM 3	Video	9th Dec. 2014	
AR 1	Toulouse	29-30 Jan. 2015	All together
PM 4	Video	5th May 2015	
CMUG 2	SMHI Sweden	26-28 May 2015	
PM 5	Video	7th July 2015	
PM 6 + Selection Mtg	Toulouse or ESRIN ?	Nov. 2015 19-20; 23-24; 26-27	All together
Colocation	ESRIN ?	Sep. 29 - Oct. 1st 2015 ?	TBC
AR 2	TBD	Feb. 2016	TBD



## Actions closed

### No Description

- 1 Get the meeting presentations and make them available on the website : Publish a web news: "Phase-1 is finished, Phase-2 has started" => link to the 15-slides synthesis of the collocation meeting
- 2 Ask the partners for the list of their publications since 2011, separating 1) the one using the SL CCI dataset, 2) climate-related subject, 3) others
- 3 Ask the partners that they add the list of their publications in their contribution to the next monthly report.
- 4 Jérôme B.: The list of publications should be available on the SL CCI website
- 5 Publish an article "SLCCI": use V1.0 dataset and associated results from phase 1
- 6 Understand small scale signals in the Eastern tropical Pacific: Ok or not?
- 7 Magdalena : Users would prefer to use SSH rather than SLA. Contact her and provide an answer.
- 8 Decide if it is possible to organize a face to face technical discussion at the Eumetsat (mid Oct) or OSTST (end Oct.) meetings. If not: include some partners (WP2) in the videoconf 3rd SLCCI Progress Meeting
- 10 Clearly add on the front webpage: "SL CCI data are available"
- 14 Ask for ERA Interim data over 2011-2013
- 17 Options: Provide a cover letter to ESA describing the table of options, the schedule of the options and above all, a description from the science leader to explain why it makes sense to submit these options.
- 20 Officially release the V1.1 dataset on the web site (news) and mail to users
- 21 Transfer the website hosting from CLS to CGI
- 22 Remove the access to the V1.0 dataset on the ftp for users
- 23 Publish Newsletter #5 (EGU + Web)
- 24 Upload the latest version of the deliverables on the web + ftp
- 25 Prepare the SLCCI V1.1 2011-2013 extension so that it is ready for the AGU 2014
- 26 Provide clarity on the deliverable "CCN Phase I additional developments"
- 27 Make the V1.1 FCDR available on the FTP area
- 28 Next QPR report is due in early July and should be sent to JB by June 27th. JB to provide the team with the details of the QPR content required.

- 29 Prepare a draft oral presentation for Jérôme for the COSPAR meeting, Moscow, before July 30th. Expected contributions from Science leader, CMUG...
- 30 Submit an abstract to the OSTST meeting
- 31 Ask Paolo to submit an abstract to the "Coastal Altimetry" meeting: Focus on the increasing role of the SLCCI in coastal studies.
- 32 Submit an abstract to AGU - focus on the SL ECV extension
- 33 Next Newsletter (#6) to be published in time for the AGU. To focus on the SL ECV extension and mention that more and more people are interested in RT time series and that the SLCCI project has to make efforts to answer this requirement.
- 34 Add altimetry.info@esa.int to the info-sealevel@esa-sealevel-cci.org mailing list so that ESA can see the users' requests.
- 36 Check to see if the new WP4 along-track dataset (along-track altimeter data from all altimeter missions) might be of interest to others – first of all add a news item to the website to say that the product exists and then see if anyone is interested in the product.
- 37 Provide a slide to ESA with the CCI + AVISO NRT data for information purposes (stating that the last months are V0=Aviso)
- 38 Confirm PM2 date as Monday 13th October (PM). The format will be the same as PM1.
- 39 Confirm PM3 date as Tuesday 9th December for possibly the whole day (TBC). Some additional partners will also be included on the Telecon/video as necessary once the agenda is fixed.
- 40 Email to ESA including the new CVs (CGI and PML)
- 42 Deliver WP2500 report as an independant report
- 43 Deliver the RRDp when available
- 44 Provide details on the status of the contracts (CCN) and on the payment plan.
- 45 CLS to contact Nathalie Boisard at ESA to adapt the payment plan for NOC/PML option.
- 46 JFL to provide a response to BL's email detailing what has changed in the last SSD version delivered.
- 47 CLS to check with NERSC whether an update of the URD is required, with CGI about the SVR and with the partners about the DARD and whether a major update of the PSD is needed.
- 48 CGI to send an email of confirmation of PM4 and PM5 to JB, BL, Salvatore Dinardo, JFL, MA, Gilles Larnicol, Anny Cazenave and Benoît Meyssignac. Dates to be added in the next MPR.
- 49 JFL to produce a graph showing user access to the data
- 50 JFL to email Bruno and decide on info to be added in the PUG
- 53 JFL to encourage the partners to submit abstract at EGU 2015 as a means of promotion of their work.





## Conclusions

- Work is in progress!
- 2015 will be very busy:
  - WP2: End of the **technical developments** of new algorithms for the V2.0
  - WP2: **Validation and selection** of the algorithms for V2.0
  - WP3 + WP4: **V1.1 ECV extension** (year 2014)
  - WP5: **Assessment** of products (CRG)
  - **Deliverables** to be updated
- Any questions?