

2018-01-11/12 Meeting#03


11 Jan 2018 12 Jan 2018


@ ESAC, Spain




Attendees


- Sebastien Besse
- Claire Vallat
- Guido De Marchi (Webex)
- Ernst Hauber
- Sonia Fornasier
- Paolo Tortora
- Jan Soucek
- Elliot Sefton-Nash
- Francesca Altieri
- Antonio Garcia Munoz
- Dmitry Titov (Webex/Partially)
- David Heather
- Santa Martinez
- Thomas Cornet
- Emmanuel Grotheer
- Tanya Lim
- Daniela Coia
- Arnaud Masson (Partially)



Discussion items



Item	Time	Notes
Thursday		
Welcome and Logistics	9:30	
		Claire
#1 Review of Action Items from previous UG meeting	10:00	


<p>AI1. Browse products: As much as possible, the mission archiving plan/guide should enforce the delivery of browse products by the instrument science teams. Ernst Hauber will discuss this with the TGO Cassis team.</p> <p>--> The Browse product discussion at CASSIS will be done in February. At this meeting, DTM will also be an important discussion. Output of these discussion will be important for the PSA.</p> <p>AI2: Radio Science: Paolo Tortora to investigate the radio-science.eu website to see what the team is doing outside the PSA. + to check the availability of the open loop at ESOC.</p> <p>--> The website radio-science.eu is not easily accessible to the public, as dedicated credentials must be obtained (quoting from the website "The access to the server is restricted, protected by username and password, and requires approval and registration with the MaRs/VeRa PIs").</p> <p>--> Open loop data are partially available at ESOC (but not complete and not well documented). However this is expected as they were not part of the ESOC commitment.</p> <p>No further actions for now on radio science investigations for the PSA. The final recommendation has been produced as an official memo, and is available to the project scientists for use.</p> <p>Emphasis remains that more than a 1-year YGT is necessary for development of a real radio science archive and reprocessing of VEx and MEx raw data. Effort is expected more to be on the order of 2 postdoc-years, as a starting point.</p>	All	
<h2>#2 Statistics</h2>	10:30	
<p>The UG recommends to also track the nature of the query being done by the users. Important parameters are the missions and instruments that are queried by the user. Ideally parameters of every query would be tracked.</p> <p>The statistics highlight the fact that we probably need to better advertise to the Asian community.</p> <p>Although not null, we need to have more users being aware of the User Group. Better advertisement should be done during conferences (more useful than during SWT where all participants are part of PI team and have direct access to the data through the PI institute). e.g. during Project Scientists talks.</p> <p>Providing access to the PSA UG to the statistics could be useful (or send them periodic reports on statistics).</p> <p><u>Overall comment</u></p> <p>Statistics show an average of 35 users per month, which seems to be a reasonable number.</p> <p>Distribution of countries is good, diversity within the products being downloaded is good indicator that the PSA reaches a diversity of scientific communities.</p> <div data-bbox="142 1262 643 1761">  <p>PSA-Statistics.ppt</p> </div>		Sebastien
<h2>#3 Use Cases</h2>	11:20	


<p>The roadmap was presented to the User Group to discuss the implementation of use cases. No major comments arose.</p>  <p>Action: Distribute the roadmap to the User Group</p> <div data-bbox="142 556 643 1058">  <p>PSA-Science_Ca..._2018Jan11.ppt</p> </div>		<p>Claire, All</p>
<p>#4 Geometry Search Capabilities</p>	<p>12:00</p>	
<p>An update on the EXPRO contract that is starting in January 2018 was presented by Claire.</p> <p>The PSA-UG provided feedback on the definition and calculation of the geometric parameters.</p> <div data-bbox="142 1257 643 1759">  <p>Parameters_list...18jan15_PDF.pdf</p> </div>		<p>Claire, All</p>
<p>Lunch at ESAC</p>		
<p>#5 Status of the TGO Archive</p>	<p>14:00</p>	

<p>The Archive is in preparation, some data are already available.</p> <p>Significant efforts on Cassis are needed given the interest in the products by the scientific community.</p> <p>ACS development started at the end of 2016, great progress has been made.</p> <p>The public release plan is defined and moving forward. Similarly for geometric information in the labels.</p> <div data-bbox="142 323 643 825">  <p>PSA_UG_Jan16.pptx</p> </div>		<p>Tanya</p> <p>Santa</p> <p>Thomas</p> <p>All</p>
<p>#6 Browse products</p>	<p>14:30</p>	

<p>TGO <u>Cassis</u>: Numerous products, great progress.</p> <p><u>FREND</u>: Nothing planned yet.</p> <p><u>ACS/NOMAD</u>: Nothing planned yet.</p> <p>PSA and PSA-UG to provide feedback on what should be to to help defining browse products would be helpful.</p> <p>RSP <u>PANCAM</u>: Many thumbnails, no product for all thumbnails will be available in the archive.</p> <p>There is a plan to make it public on a daily basis, but not at the PSA. It could not even be on a weekly basis at the PSA. --> The pipeline at Altec must be automated, but the software does not allow this. How can the PSA change this? Discussion with the Project Scientist would be useful.</p> <p>BepiColombo</p> <p>Science quick-look system to generate/analyse browse products.</p> <p>SOC is interacting with the team the definition of the browse products.</p> <p>The team is supporting the concept of "well described browse products", similar to what is done on Cassini.</p> <div data-bbox="142 743 1153 1245"> <div>  <p>bepicolombo_browse_products.pptx</p> </div> <div>  <p>bepicolombo_browse_examples.pptx</p> </div> </div> <p>Recommendation is that the PSA should have a clear policy on browse products so that it can be incorporated in the archiving plan.</p>		Tanya Santa Thomas All
#7 House Keeping	14:30	

<p>TGO</p> <p>All instruments are archived.</p> <p>S/C are selected by the SOC and archived.</p> <p>RSP</p> <p>Instrument team and IDS will define the list of HK archived.</p> <p>Recommendation from the UG is to have a specific person from the archive team present at ALTEC for archiving activities.</p> <p>BepiColombo</p> <p>SOC is processing House Keeping to be archived. Currently, around 100 parameters will be archived.</p> <p>Rosetta</p> <p>SOC is identifying the parameters to archive.</p> <p>Development is on-going.</p> <div data-bbox="142 667 643 1167">  <p>PSA-UG_meeting...2018_rosHK.ppt</p> </div>		<p>Tanya</p> <p>Santa</p> <p>Thomas</p> <p>All</p>
<p>#8 High Level Science Products</p>	<p>16h00</p>	
<p>Ernst Hauber presented what he defended at the MEX SWT.</p> <div data-bbox="142 1339 643 1839">  <p>PSA-UG.Presentation.pptx</p> </div>		<p>All</p>

#10 Software Tools	17h00	
<p>Recommendation is to have the IPDA to push PDS for tools urgently. An Expro contract on creating this software could be possible at the PSA side, but will need some clarification.</p> <div data-bbox="142 273 643 772">  </div>		Sebastien All
Adjourn		
<u>Dinner in Madrid</u>		
Tuesday		
#10 Review of the ASPERA archives	9:00	

<p>2 separate PIs on MEX and VEX</p> <p>VEX</p> <p>RIDS not closed, only RAW data. Calibrated data are not available because the team disagrees on the calibration to apply.</p> <p>Jan Soucek: There could be a genuine reason for some sub-unit, but not for the electrons ELS (which are good on MEX).</p> <p>MEX</p> <p>1 sub-instrument with few observations NPD, has an issue with calibration. No observations in the past few years (maybe only in 2004).</p> <p>Arnaud Masson: This information need to be captured in the User Manual.</p> <p>ELS MEX: Calibrated (by SWRI), best ASPERA data. Some improvement possible.</p> <p>ELS VEX: Only raw counts. Calibration tables are not numerical.</p> <p>IMA MEX: Not calibrated</p> <p>IMA VEX: Not calibrated, tables not numerical</p> <p>Difficult to get everything calibrated, but it is possible. Publications are done.</p> <p>NPD/NPI MEX: Not calibrated</p> <p>NPD/NPI VEX: Not calibrated, tables not numerical</p> <p>NPD VEX could have some data in the archive.</p> <p>In general, documentation is good.</p> <p>Next actions are for Jan Soucek and Vincent Genot to interact on a more detailed analysis and prepare a recommendation on how to improve.</p> <div data-bbox="142 1287 643 1789">  <p>psaug_aspera.pdf</p> </div>		Emmanuel, All
#11 Atmosphere workshop	10:30	

<ul style="list-style-type: none"> ■ This point (which would be the best format for a workshop to address the needs from the atmosphere community and provide added value for the PSA) will be discussed during the UPWARDS meeting taking place end of February at ESAC. Francesca, Antonio ?, Ernst and Sebastien will attend the meeting. 		All
#12 PSA at conferences	11:30	
UPWARD, Ernst, Francesca LPSC, Tanya Lim, Dave heather, Elliot EGU, Dave Heather, Paolo, Ernst ESLAB Workshop, Elliot AOGS, Sebastien Besse COSPAR, nobody scheduled yet, very likely, Paolo, Antonio, Francesca EPSC, Sebastien Besse, Ernst, Elliot, Sonia, Antonio DPS, nobody scheduled to go AGU, Paolo, Jan A general guideline, as much as possible, the UG should mention the PSA and the PSA-UG where relevant on slides of talks or posters.		All
#13 AOB		
<ul style="list-style-type: none"> • It would be useful if the various user groups (PSA, helio-, astro-) could provide, as part of their end of mandate report, a section with their feedback based on their experience as a UG (how it went, what could be improved, how it was perceived...) • Next meetings - Nearby Bologna - 📅 14 Jun 2018 📅 15 Jun 2018 Paolo Tortora will follow up on the organisation 		
Lunch at ESAC		
Adjourn		