

Minutes of Teleconference  
(SOP-RSSD-MN-065, 1.0, from 26 July 2006)  
26 July 2006

Planetary Archive Interoperability, PDS-PSA

Date: 26 July 2006, 14:00-14:45 UTC

Participants:

PDS-EN,JPL: Steve Hughes, Dan Crichton, Sean Kelly

PDS-Geoscience Node: Susan Slavney

PDS-Atmos: -

PDS-SBN: Mike A'Hearn

PDS: Reeta Bebe, Nancy

PSA ESAC: Christophe Arviset, Pedro Osuna, Jesus Salgado

PSA ESTEC: Dave Heather, Maud Barthelemy, Marta Castro

**1. Action Items**

AI-NO	Actionee	Description
200602-03	PO	Pedro to draft the "Standard Specification for Protocols" (or similar) document. 2006Jul26: Item is ongoing but is moved to the Action Item list of the Data Access group.
200604-01	SS	SS to prepare a list of data types for GRS and send to Steve. 2006Jun22: was done. GRS is using PDS TABLE object.
200604-02	JS	JS to add new value for RESOURCE_CLASS, value = PRODUCT and PO to change technical document. 2006Jun22: was implemented, change in document pending (close action item and carry document change over to AI: 200604-02)
200606-01	PO	Update Technical Note on Protocol (SOP-RSSD-TN-063): <ul style="list-style-type: none"> <li>• to add to document that the keyword values are taken from the PDS dictionary by default;</li> <li>• to replace the MAXIMUM/MINIMUM LATITUDES by the EASTERNMOST AND WESTERNMOST LONGITUDES</li> <li>• to update the TN in respect of the RESOUCES_CLASS and PARAMETER keyword. (see section 3 of MoM from 26 April 2006)</li> <li>• to describe definition and model for spatial queries</li> </ul> 2006Jul26: Item is ongoing but is moved to the Action Item list of the Data Access group.
200604-05	SS	to prepare a drawing (user case) for the EASTERNMOST and WESTERNMOST LONGITUDES and send to Dan; 2006Jun22: done (closed)

200605-01	PO	Clarify the IPDA role in VOTable standards, especially the parts of the VOTable that are not applicable (universal content descriptor) before July 2006 2006Jul26: PO reports that this is still open and he aims to meet with the IVOA people again in August/September. The deadline for this action is shifted to the mid-end September timeframe.
200605-02	SK,JS	Update existing agency prototypes to support for spatial response (15 June 2006) 2006Jun22: done on PSA side (closed), SK will do before end of June 2006 2006Jul26: Item can be closed. Implemented on both sides.
200605-03	ALL	Develop individual clients to demonstrate interoperability • Map-based demonstration (for mid July) as IDL search and map-based search • Integration into the PDS-D search (30 June) 2006July26: The prototype from PDS will be demonstrated at the PDS Council Meeting next week. Problems were experienced by Sean recently. This was discussed in the Data Access telecon previously and in the MoM there. DC stressed here that a solution had been found and this was now a non-issue.
200605-04	DC,JZ	Prepare IPDA briefing package 2006July26: DC has done this and is awaiting feedback from JZ.
200605-05	ALL	Draft an IPDA White Paper 2006Jun22: start with a set of powerpoint slides that will move into a WP later; DC to kick off . 2006July26: This was given a lower priority and it was decided to concentrate on the briefing package first.
200605-06	ALL	Draft an IPDA charter before the PDS MC begin of August; DC and JZ to kick off 2006July26: Charter drafted and discussed in the telecon.
200505-07	SK	Establish twiki for online IPDA access 2006Jun22: Sean reports that planetarydata.org is available and he is investigating on possibilities regarding this site using a host already existing at JPL (15 Sep 2006) 2006July26: The twiki is now operational. MoM will be placed there from now on.
200606-01	JZ	Prepare a clear livelink structure for IPDA related documentation as it is difficult to find MoMs etc.
200607-01	DC, JZ	Update the Charter according to recommendations and re-distribute
200607-02	DC	Contact Chuck Acton to investigate the status of potential

## 2. Welcome, Action Items

Due to the summer break and meeting schedules, many participants were unavailable for the telecon. Joe Zender requested that Dave Heather chair the telecon in his place. It was felt that the telecon should go ahead primarily as a means to discuss the draft charter before the PDS council meeting.

The Action Items were discussed (details in the table above). A point of discussion was raised concerning the difficulties experienced by Sean while trying to implement the PDAP at JPL. DC stated that in fact this is a non-issue and a way forward has been found. With the initiation of the Data Access WG telecon earlier in the week, it was decided that the relevant Action Items from this meeting be closed and carried over into their list.

## 3. Discussion on the Draft Charter

The draft Charter distributed by Dan and Joe was discussed and met with general approval. Some minor alterations were suggested:

- The list in Section 3 (Objectives) has ‘interoperability’ as the last point. This should be promoted to the top as it is the over-riding aim of the group.
- The list is also not comprehensive (e.g Registry is missing) and should not appear to be closed. It was recommended to soften the wording before the list to something like: ‘...and will implement accompanying tools in areas related to interoperability, such as:’
- A potentially major issue was raised regarding the acceptance of any possible IPDA Standards for any new member. The sentence in Section 4 (Membership) states: ‘New representatives from organizations interested in participating in the IPDA will be asked to approve and accept this Charter, providing a best level of effort to ensure the support and usage of the IPDA proposed standards and tools.’ This is not very clear, and in real terms, how strictly should new member be asked to comply to any standard the IPDA propose? What if they decide they are PDS or PSA compliant but refuse to implement an IPDA specific standard? Where do we draw the line? MA suggested all decisions regarding standards and membership should be ratified by the IPDA committee to avoid these issues, but SS suggested that it may not even be easy to find an agreement within the committee on some matters regarding the standard. This was originally a concern of JZ as well, so it was decided to table the discussion for the next telecon. For now, this section of the charter can remain as it is.

## 4. Agency Contacts

DJH reported that the PSA have made positive contacts with colleagues in India working on their Chandrayan mission. Two contacts have been made via Olivier Witasse who is working to support the European payload to be included on the mission. The mission will certainly aim to archive in PDS standards and would like to be kept informed of the IPDA progress.

MA mentioned some potential contacts at ISAS-JAXA although nothing positive has

been discussed specifically regarding the IPDA.

For the Russian contacts, DC will contact Chuck Acton to see if any progress has been made.

## **5. AOB**

The Working Groups for Data Access and for Archiving are now getting started. There was a telecon earlier in the week concerning the Data Access WG, and the first telecon for the Archiving WG is scheduled for 8<sup>th</sup> August. A draft Charter for the Archiving WG was distributed by Steve.

The twiki is now up and running, and accessible through planetarydata.org. It was suggested that we place the MoM on there from now on as many people have problems accessing Livelink at the moment.

## **6. Next Telecon/Meeting**

IPDA Telecon:

Next telecon will be on 30 August 2006, 15:00 UTC (17:00 ESTEC, 8am JPL, 10am St. Louis).

Archive WG Telecon (tbc): 8<sup>th</sup> August 2006 15:00 UTC (17:00 ESTEC, 8am JPL, 10am St. Louis).