

Commission 1 meeting, IAA, September 28, 2008, Glasgow

Attendees:

Susan McKenna-Lawlor
Claudio Maccone
Antonio Viviani
Marlan Othman
Seth Shostak
Stephan Ulamec
Robert Farquhar
Bernard Foing
Tom Krimigis
David Kendall
Gregg Vane, acting chair and secretary

Study Group 1.4: The Next Steps for Human Exploration.... Bob Farquhar reporting

- Team Roster was sent to IAA this summer
- Team meeting Tuesday, September 30 here at IAC
- Will try to identify a new leader for the study on Tuesday
- Session at Conference this week Thursday afternoon, 3-6 PM, 8 papers
- Publication of Final Report, Fall 2010
 - o Preliminary draft, Fall 2009
- *Planetary Report* March/April 2008 published some early concepts and options
- Team roster to be updated by the end of this week after the team meeting and session on Thursday.

Study Group 1.5: Particle Radiation Hazards en route to and at Mars. Susan McKenna-Lawlor reporting.

- Big progress has been made since the Paris meeting in March 2008
- Key questions to be addressed have been identified and eight study groups have been formed to address them
- End of calendar year 2008 is the deadline for input from each study group in the form of a book chapter
- In addition to the team-generated chapters, Susan has identified a few additional topics for chapters by colleagues external to the team
- At least one chapter will be ready for submission to Academy for review within the next week or two.
- Overall, Susan presented a very detailed status report, chapter by chapter.
- Publication goal: no later than end of CY09.
- Tom Krimigis suggests external publication in addition to Academy publication of this, "the Bible," of the radiation environment between earth and Mars orbit.

Study Group 1.6: Protected Antipode Circle on Lunar Farside. Claudio Maccone reporting.

- The chief concern of this study is with the legal situation, not the scientific one. The case is clear, scientifically, but there is a US company “selling” land on the Moon that could cause problems in the future.
- The goal is to have IAA study ready in advance of negotiations for an international treaty banning human activity in the protected region. The UN is likely to lead the creation of such a treaty.
 - o **The UN representative at this Commission 1 meeting suggests that IAA make a presentation to the UN in Vienna at the February (scientific) and April (legal) meetings.**
- Some small progress has begun on this study but other events have distracted the study group from making significant progress to date.
- Goal: Report at next IAC, 2009, with major progress to be reported there, and a progress report at the Paris meeting in March 2009.

Potential new study: Suggested by Seth Shostak.

- Pull together past SETI-related research papers and presentations into an IAA book
- Re-work the SETI protocols and instruments used for detection
- There will be proposals for these new studies at the March 2009 Paris meeting

The committee unanimously recommends a later start, 10 AM, for future Commission 1 meetings as they rarely require four hours.