

SPIRE-ESA-MAG-001008

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Subject: Herschel Optical System Working Group Meeting - 14 November
2001 - Estec - room Af 205 (Noordwijk - The Netherlands)

Mesdames, Sirs

Please find herebelow the agenda for the Herschel Optical System Working Group meeting (N 2). The meeting will be concentrated mainly on Herschel stray light analysis and Herschel payload alignment. As an introduction, Astrium-France will provide a short presentation on the progress of the telescope development but this will not be the main topic of the agenda as there will be a MTR (Mid-Term Review) end of November on the telescope itself for which an agenda will be sent later on.

Main objectives of the meeting are to get a proper and common understanding of the optical system of Herschel and to identify the open points with clear actions to tackle them. Please note that the meeting date cannot be moved due to the HST taking place on Nov 15 and 16, 2001. We know unfortunately that this is giving problem for our HIFI colleagues but we will make sure that they will be kept informed of the outcome of the meeting if they confirmed that they are unable to come.

November 14, 2001 starting at 10:30 in room Af 205

- 10:30 - 10:45 Introduction - ESA - 15 min
- 10:45 - 11:30 Herschel telescope design - Astrium-F - 45 min
with emphasis on major optical issues: diameter central hole; tripod shape; M2 central obscuration, coating definition, coating emissivity measurements
- 11:30 - 11:45 Coffe break - 15 min
- 11:45 - 12:30 Herschel stray light analysis - 45 min
Reminder of requirements and system analysis approach - ESA - 15 min
Herschel payload stray light analysis work carried out until now (Astrum-ASED) - 30 min
- 12:30 - 13:30 Lunch break
- 13:30 - 14:30 Stray light analysis (next) - 60 min
Herschel telescope preliminary stray light analysis work (Astrum-ASEF) - 30 min
Stray light analysis analysis work carried out by instrument team (Instrument team TBC? or anybody else) - 15-30 min
Recommendations for future modelling and analysis work and conclusions - ESA/all - 15 min
- 14:30 - 16:00 Alignment - 90-120 min
Herschel Payload Alignment approach - (Astrum-ASED) - 30 min
Comments to alignment approach - (Alcatel) - 15 min
Comments to alignment approach by SPIRE and PACS teams with presentation of their alignment budget and the effects of misalignment - 40 min (20-30 min each)
- 16:00 - 16:30 Conclusions and review of actions - 30 min

As reminder, the alignment plan of Astrium-ASED (H-P-2-ASED-TN-002) is included in the SRR data package. To my knowledge, comments have already been

al System Working Group Meeting - 14 November 2001 - Estec - room Af 205 (Noordwijk - The Netherlands) done by Alcatel and SPIRE teams on the plan.

In order to be able to prepare your access to Estec, we will be grateful to get well in advance the list of your participants by company/ consortium. Please let us know whether you need hotel arrangement

Thanks and regards

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