

 FIRST/Planck Project	MINUTES of MEETING	Date : 16/03/1999
		Ref : PT-MM-06511
		Page : 1 of 5

SUBJECT: Commonality Steering Committee: 2nd Meeting

PLACE: ESTEC - 16 March 1999

Participants	Organ.	Distribution
H. Aarts	SRON/Utrecht	Participants + J.M Herreros (IAC) J. Dodsworth (TOS-OFC) F. Vandenbussche (SCI-PT) FIRST/Planck Project file
O. Bauer	MPE/Garching	
C. Butler	ASI/Roma	
J. Charra	IAS/Orsay	
K. King	RAL/Oxfordshire	
P. Estaria	SCI-PT/ESTEC	
T. Passvogel	SCI-PT/ESTEC	
G. Pilbratt	SCI-SA/ESTEC	
J. Tauber	SCI-SA/ESTEC	
A. Heras	SCI-SA/ESTEC	
P. Roelfsema	SRON/Groningen	
H. Schaap	SCI-PT	

AGREEMENTS STATEMENTS	ACTION
<p>The meeting took place on the 16.03.1999 in ESTEC. Please refer to the handouts attached to these minutes.</p> <p>1. Introduction</p> <p>The agenda (Appendix 1 p. 5) was accepted. It was agreed that the status reports as presented by the chairmen(woman) of the various CWGs to the Steering Committee will replace the reports which were to be formally issued one month prior to each Steering Committee meetings (as stated in the minutes of the 1st meeting). It was further agreed that the CWGs will be renamed to more meaningful names (see also sections 4.1 to 4.4) The following is proposed:</p> <ul style="list-style-type: none"> • "S/C Interfaces" CWG ("old" CWG #1/2) • "RTA" CWG ("old" CWG #3) • "OBSW and Operations" (merging "old" CWG# 4 and "old" CWG#5) • FINDAS-IDIS CWG ("old" CWG #6) <p>See updated list of WG members (Appendix 1)</p> <p>The participants re-confirmed commitment of their respective organisations to the Commonality effort.</p> <p>2. Approval of the Minutes of the 1st Meeting</p> <p>The minutes as amended by Pilbratt/Tauber comments (E-mail of 16-11-1998 forwarded to the members of the Steering Committee) were accepted. All the points covered in above referenced E-mail have</p>	

AGREEMENTS STATEMENTS	ACTION
<p>been subsequently addressed by the corresponding Working Groups.</p>	
<p>3. Review of Action Items from 1st meeting</p>	
<p>No formal AIs have been allocated during the 1st meeting. The tasks assigned by the Steering Committee to the chairmen(woman) of the various WGs have been fulfilled, namely to kick-off their WGs and to report to the Committee. For each WG the list of tasks has been defined, priorities assigned and a plan of work for the next 6 months agreed.</p>	
<p>4. Status Reports by CWG chairmen(woman)</p>	
<p>4.1 S/C Interfaces:</p>	
<p>H. Schaap (Secretary) reported on the activities of the WG (see Appendix 1 pages 4-7). The following was noted:</p>	
<ul style="list-style-type: none"> • The choice of "common" microprocessors (SPUs and DPUs) will be confirmed (or otherwise) by the next meeting (15 June 1999) • ESA will specify whether RTUs or DBU/RBIs will be used to interface to the OBDH (DBU/RBI likely). P. Armbruster (TOS-ETD) will make a presentation, if required, explaining how to interface DBU/RBI to the baselined TSC21020E DSP. • Definition of the S/C interfaces shall be carried out prior to issuing the ITT (i.e. before end-1999). • Coordinated Parts Procurement (under M. Von Hoegen) will become one major task of the CWG and will last much longer than definition of interfaces. CPP in the framework of the WG will cover the instruments only since a corresponding activity for the Spacecraft would start much later. • A "common" buy would be advantageous for the S/C Simulators. • A dedicated AOCS-to-instruments Interface meeting has been planned on the 21-05-1999 for FIRST. • No specific meeting is planned for Planck since the interface is much simpler. 	<p>STC-AI:2/1</p>
<p>4.2 RTA</p>	
<p>A. Heras (Chairwoman) reported on the activities of the WG (see Appendix 2). The following was noted:</p>	
<ul style="list-style-type: none"> • There is no interface between RTA and QLA • RTA requirements are very similar for all 5 instruments except Command Verification (much simpler for Planck) • QLA will not be a "common" development • LFI, HFI and SPIRE do not require FINDAS for the 1st RTA version, whereas PACS want to interface to FINDAS from the start. • The "generic" SCOS-2000 system (to be delivered to ESOC end- 	<p>STC-AI:2/2</p>

AGREEMENTS STATEMENTS	ACTION
<p>March 1999) will be investigated as potential framework for RTA. If not suitable other options will be evaluated.</p> <p>4.3 OBSW and Instrument Operations</p> <p>P. Estaria (Secretary) reported on the activities of the WG (see Appendix 1 pages 9-12). The following was noted:</p> <ul style="list-style-type: none"> • The "old" CWG #5 (Operations and Test Language) will be merged with the "old" CWG #4 into a single Group. • No specific AIV WG need to be created (as was contemplated during the 1st meeting of the OBSW and Operations WG) • The combined WG (now called OBSW and Operations) is seen as a "systems" group which will remain active till the Ground Segment Readiness Review (December 2006). Its membership will be expanded as required. J.M Herreros (IAC representative) and J. Dodsworth (MOC representative) should become members immediately. • The major short-term activity is the update of the FIRST and Planck OIRDs. The OIRD requirements will have an impact on the overall instrument commanding and Command Verification schemes. • ESTEC (TOS-ETD) are currently evaluating the VIRTUOSO Operating System under consideration by the FIRST and Planck Instrument Groups for DPU OBSW support. <p>4.4 FINDAS-IDIS</p> <p>P. Claes (Chairman) reported on the activities of the WG (see Appendix 3). The following was noted:</p> <ul style="list-style-type: none"> • The working assumption (pending final agreement Project/SCI-SA on respective responsibilities) is that the FSC Team (P. Claes) will initiate the FINDAS URD based on the results of the FINDAS-prototype evaluation (report due in September 1999). • Specific FINDAS activities will be carried out within the existing FINDAS-IDIS CWG (no specific WG as was envisaged) <p>5. Role of ESA</p> <p>It was clarified that the role of ESA was to "direct" the activities of the "S/C Interfaces" WG (after the corresponding instrument groups inputs have been provided). For the "OBSW and Instrument Operations" WG where the tasks are much more extensive ESA's role is more of a "coordinating" nature. The respective roles of ESA and instrument groups did not need to be clarified for the RTA and FINDAS-IDIS WGs.</p>	<p>STC-AI:2/3</p>

AGREEMENTS STATEMENTS	ACTION
<p>6. Update of Working Group Tasks</p> <p>With the clarifications listed in sections 4.1 to 4.4 no further updates were deemed necessary. The list of tasks allocated to the various WGs is defined and agreed.</p> <p>7. Commonality Working Group #7</p> <p>In response to ESA's proposal (Ref. PT-06148 dated 22 December 1998) SPIRE have organised a FIRST FPU Commonality meeting at CMWC (7-8 April 1999) which will be attended by ESA and the three FIRST Instruments. The instrument groups are requested to bring to ESA's attention other "commonality" elements that they might wish to pursue.</p> <p>8. AOB</p> <p>The 7 July 1999 had been allocated to the next meeting of the Steering Committee. The Steering Committee Chairman has subsequently agreed to reschedule the meeting (new date TBD) due to a clash with a FIRST Ground Segment meeting planned for 4-7 July. Several members of the Steering Committee (Bauer, Estaria, King, Pilbratt) need to attend the FIRST GS meeting.</p> <p>PACS (Bauer) have installed and are currently investigating the former ISO Calibration Uplink System (CUS), now re-named "Common Uplink System" (CUS) as a potential candidate for FIRST/Planck. The system is table-driven and has proven to be very flexible and successful on ISO. PACS will produce a Report (September-October) on CUS suitability for FIRST/Planck. If interesting the CUS will be included as a commonality element in the OBSW and Instrument Operations WG.</p>	<p>STC-AI:2/4</p> <p>STC-AI:2/5</p>

