

**SUBJECT:** CWG Steering Committee - 3rd meeting-**PLACE:** ESTEC - Room AF205, on Wednesday 15th September

Participants	Organ.	Distribution
O. Bauer	MPE/Garching	Participants + G. Pilbratt (ESTEC/SCI-SA) J. Tauber (ESTEC/SCI-SA) H. Aarts (SRON/Utrecht) J. Dodsworth (ESOC/TOS-OFC) F. Vandebussche (SCI-PT) FIRST/Planck Project File
C. Butler	ASI	
J. Charra	IAS/Orsay	
K. King	RAL/Oxfordshire	
P. Roelfsema	SRON/Groningen	
T. Passvogel	ESTEC/SCI-PT	
P. Estaria	ESTEC/SCI-PT	
H. Schaap	ESTEC/SCI-PT	
P. Claes	ESTEC/SCI-SA	
J. Riedinger	ESTEC/SCI-SA	

AGREEMENTS STATEMENTS**ACTION**

The 3rd meeting of the CWG Steering Committee took place on the 15.09.1999 in ESTEC. Please refer to the handouts attached to these minutes. H. Aarts (HIFI) who could not attend was replaced by P. Roelfsema.

1. Introduction

The Agenda (Appendix 1 p. 1) was accepted.

2. Approval of Minutes of 2nd meeting

The minutes of the 2nd meeting (16.03.1999 in ESTEC) were approved

3. Review of Action Items from 2nd meeting

All AIs (STC-AI:2/1 to STC-AI:2/5) from the 2nd meeting have been closed. For AI: 2/5 "PACS to produce a Report on CUS suitability to FIRST/Planck" O. Bauer will check that the CUS Document has been sent to both FIRST and Planck.

STC-AI:3/1**4. Status Report by CWG chairmen****4.1 S/C Interfaces (CWG #1/2)**

H. Schaap (Secretary) reported on the activities of the WG (see Appendix 1 pages 2-4). The following was noted:

- ESA-SPIRE need to define how SPIRE will empty their TM buffer at the end of an observation ("burst" mode) to cope with the



AGREEMENTS STATEMENTS	ACTION
<p>somewhat slower than expected and the visibility on specific activities (e.g. OBSW) has been poor. This is possibly due to the fact that unlike the other working groups, the scope of CWG #4/5 was too large and many related activities were carried out outside the WG (e.g. Ground Segment Workshops). See point 7.</p> <p>4.4 FINDAS-IDIS (CWG #6)</p> <p>P. Claes presented the activities of the WG. (See Appendix 3). The following was noted/agreed:</p> <ul style="list-style-type: none"> • FINDAS prototype evaluation has the highest priority. • SCI-SA (P. Claes) shall be responsible for the coordination of the activities required to integrate the various ICC "clients" into the overall scheme needed to test FINDAS as a "system" • A dedicated meeting will be scheduled on the 21.09.99 to address these issues. • Draft # 0.5 of the FINDAS URD (including PACS comments received on the 15.09.1999) will be distributed on the 17.09.1999. Planck will be included in the distribution and invited to participate in the URD review (date TBD). The goal is to have a "final" URD by end-'1999. • The extent to which Planck will make use of FINDAS still needs to be clarified (follow-up to the Planck GS meeting of 28-29.06.1999 in Geneva). It is already agreed that the "final" Planck products generated by the DPCs (Level 4) will be eventually stored into FINDAS. <p>4.5 Cold vibration facility</p> <p>Presented by T. Passvogel (see Appendix 1 p. 8). It was noted that about one year was needed to prepare the test facility once a decision had been made. A start of the development activities in mid 2000 is therefore compatible with the instr. needs.</p> <p>5. PM's view of the CWG activities</p> <p>K. King has been requested (on short notice!) to provide SPIRE's view of the CWGs activities. This feedback is very useful to ESA and it is the intention to request such a report (from alternating PM's!) at every Steering Committee meeting. It is intended by ESA as a basic rule <u>at this agenda point</u> not to comment the view expressed by the PM. Here a summary of SPIRE's view:</p> <ul style="list-style-type: none"> • The CWG's have generally been useful: (i) early identification of potential problems, (ii) improved understanding of the various programme elements, (iii) face-to-face meetings of the various actors. SPIRE still sees a potential for reducing their overall costs through commonality, although this has not yet been the case 	



AGREEMENTS STATEMENTS	ACTION
<p>(meeting-related costs).</p> <ul style="list-style-type: none"> The effectiveness of the various WGs has been very variable. In general the effectiveness has been greater when the WG's scope had been well defined (limited). Not much problems with CWG #1/2. CWG #3 has led to very useful decisions taken early: (i) removal of QLA as a commonality item, (ii) evaluation of SCOS-2000. CWG #4/5 has been more problematic: (i) scope of the group too large (ii) It has been a mistake (in retrospect) to combine OBSW and Operations, (iii) some activities have started much too early (e.g. instrument commanding). CWG #6 has been very useful as a tool to get early training on O-O aspects, CORBA, OODBMS, various COTS, etc. but ESA has not really be the "driver" of the group. On the negative side it is noted that: (i) at this early stage SPIRE does not have the resources required to support so many WGs, (ii) the information requested by the WGs is sometimes in conflict with SPIRE internal schedule, (iii) attendance is uneven (mixture of managers, designers, implementers), (iv) WGs sometimes too susceptible to "bright" ideas. For the future it is necessary to: (i) clarify groups' objectives and limit the scope of activities, (ii) clearly identify deliverables and milestones, (iii) nominate a single leader for each group, (iv) clearly separate activities such as specification of interfaces and S/W development. <p>It was clear that the other steering committee members shared SPIRE's view.</p>	
<p>6. Role of the Steering Committee (pre- and post-ITT)</p>	
<p>It was agreed that there is no specific difference between the pre- and post-ITT w.r.t. the Steering Committee role. On the other hand it is essential to define the Terms of Reference (of), relationships (between) and activities (of) all the groups (e.g. Steering Committee, GSAG, System Group(s), "FIRST Ground Segment System Engineering" group, Instrument Project(s), etc.). The Steering Committee could not come to a clear definition. ESA will present a proposal (due date: 08.10.1999)</p>	<p>STC-AI:3/5</p>
<p>7. Merging/re-arrangement of the CWGs</p>	
<p>It was agreed that:</p> <ul style="list-style-type: none"> CWG #1/2 ("S/C Interface") should remain as is. The activities concerned with interface definition should be completed before the ITT is issued. Parts Procurement activities will continue independently when an overall scheme has been agreed and ESA's role clarified. 	

**AGREEMENTS STATEMENTS****ACTION**

- CWG #3 (RTA) will be terminated when SCOS-2000 evaluation has been completed and when the RTA Delta-URD has been produced.
- CWG #4/5 is disbanded.
- The OBSW and Operations activities will be separated. The OBSW activities will consist of (i) production of the VIRTUOSO Evaluation Report by **end- November '1999**, (ii) Generation of the FIRST-OBSW URD (DPU only -1st Draft by 15.11.1999-), (iii) Generation of the Planck-OBSW URD (DPU only -1st Draft by 01.12.1999-), (iv) identification of F- and P- common elements in the URDs. ESA will review the URDs and provide comments where necessary but will **not** otherwise be involved in related co-ordination activities. The "Operations" activities will be taken over by the F- and P- "Systems Engineering" Groups.
- CWG #6 (FINDAS-IDIS) will be terminated when: (i) Generation of the FINDAS prototype Evaluation Report will be completed (due date TBD -was 15.10.1999-), (ii) The FINDAS URD has been produced.

8. AOB

The next meeting of the Commonality Steering Committee will take place on 03.02.2000 in ESTEC.

Reporting: ESA had proposed (December '1998) that Instruments, ICCs and DPCs report on their activities to ESA on a monthly and quarterly basis. It is agreed that for the time being **monthly** reporting is sufficient. It is further agreed that the reports will **not** be made available on the SA-DMS.

Whereas PACS and HIFI ICC reporting has been satisfactory, SPIRE has produced a unique report (covering Jan-Feb '1999), LFI reporting has stopped with the report ending on 30.04.1999 and HFI has produced no report. The corresponding PMs will ensure that proper reporting is resumed

HIFI-ESTEC meeting on SCOS-2000/PROBA: A working meeting has taken place between ESTEC (the PROBA group) and HIFI in ESTEC on the 24.08.1999. HIFI wanted to explore the possibilities of implementing an EGSE based on SCOS-2000. The PROBA group (B. Melton, S. Valera and P. Hemso) is willing to support on a good will/availability basis the other FIRST and Planck Instruments until end' 1999 if so requested. In case support is needed please E-mail B. Melton (bmelton@estec.esa.nl) with copy to Estaria. Furthermore F. Felici has accepted to request technical support from the PROBA group to a level of 0.5 man-year for the year '2000.

(Please note that this does not necessary mean that this support will be granted!). P. Roelfsema has agreed to send to the other groups

STC-AI:3/6

 FIRST/Planck Project	MINUTES OF MEETING	Date : 16/09/1999 Ref : SCI-PT/MM/07053 Page : 6 of 7
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AGREEMENTS STATEMENTS	ACTION
any existing record of the meeting as well as the viewgraphs presented. The meeting adjourned at 5:00 pm.	



FIRST/Planck Project

Action Item Initiation Sheet

Date : 16/09/1999

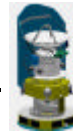
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Title: CWG Steering Committee - 3rd meeting-

Place: ESTEC - Room AF205

Ordinal Action Number	Title and Description	Due Date	Originator		Actionee		Completion	
			Firm	Person	Firm	Person	Date	By Document No.
AI: 3-1	O. Bauer to send (as required) the PACS-CUS document to the other groups	24.09.99		Steering_Com	PACS	Bauer		
AI: 3-2	ESA to find a temporary solution to the unavailability of S. Thuerey	Urgently		Steering_Com	ESA	Passvogel		
AI: 3-3	All Instrument groups (except PACS) to take the necessary steps to provide support to SCOS-2000 evaluation	Urgently	ESA		HIFI/SPIRE/LFI/HFI			
AI: 3-4	O. Bauer to set up SCOS-2000 coordination meeting	mid-'Oct	ESA		PACS			
AI: 3-5	ESA to make a proposal for proper organisation related to commonality of the various groups	08.10.99		Steering_Com	ESA			
AI: 3/6	HIFI to distribute SCOS-2000 /PROBA related documentation	30.09.99		Steering_Com	HIFI	Roelfsema		



FIRST/Planck

Commonality Steering Committee

Third Meeting

ESTEC (Af205) - 15.09.1999

15 September 1999

Commonality Steering Committee meeting (SCI-PT/FIN/07053)



Agenda

1. Introduction (TP)
2. Approval of Minutes of second meeting (PE)
3. Review of Action Items from 2nd meeting (PE)
4. Status report by CWG Chairmen(woman) (various)
5. PM's view of CWGs' activities (KJK)
6. Role of the Steering Committee and CWGs in the frame of the ITT
(pre-ITT role / post -ITT role)
7. Merging/re-arrangement of the CWGs (as/if required)
(confirmation of memberships)
8. A.O.B.
 - Date and place of next meeting
 - Instrument, ICC and DPC reporting (ESA)
 - HIFI-ESTEC meeting of 24.08.99 on SCOS-2000/PROBA (PE)
 - Other AOBs

15 September 1999

Commonality Steering Committee meeting (SCI-PT/FIN/07053)



FIRST/Planck
Commonality Working Group
S/C Interfaces
Status Report

ESTEC, 15 September 1999

H. Schaap (SCI-PT)

15 September 1999

Commonality Steering Committee meeting (SCI-PT/FIN/07053)



Commonality Working Group "S/C Interfaces"

- 1st meeting of CWG S/C I/F held on 3 March 1999 at ESTEC
- 2nd meeting of CWG S/C I/F held on 2 July 1999 at ESTEC
- Next meeting scheduled for 19 November 1999

15 September 1999

Commonality Steering Committee meeting (SCI-PT/FIN/07053)



CWG “S/C Interfaces”*Technical Results*

- Coordinated parts procurement:
 - Parts list received from Instrument Teams have been commented by ESA
 - Next iteration, i.e. Instrument input (due 15.09.1999) - ESA comments, planned before next CWG meeting
 - Role of ESA in the CPPA approach not yet clear - proposed ESA approach to be presented at next CWG meeting

15 September 1999

Commonality Steering Committee meeting (SCI-PT/FIN/07053)

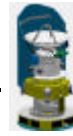


CWG “S/C Interfaces”*Technical Results*

- OBDH Interface:
 - Principle of OBDH interface defined during the last meeting
 - Further definitions to be given by ESA (hardware and software)
 - capability to support burst modes (PACS) discussed during dedicated meeting on data rate

15 September 1999

Commonality Steering Committee meeting (SCI-PT/FIN/07053)



CWG "S/C Interfaces"

Technical Results

ACMS interfaces:

- FIRST
 - Dedicated meeting on ACMS held for FIRST on 11.6.1999 at ESTEC
 - In order to obtain better assessment of s/c performance instrument teams will provide input on realistic operations to be evaluated by ESA
- Planck
 - Questionnaire from LFI has been addressed briefly during CWG meeting
 - It appears that there is no need for dedicated meeting

15 September 1999

Commonality Steering Committee meeting (SCI-PT/FIN/07053)



CWG "S/C Interfaces"

Next Activities

- Draft parts list update by 15. September 1999
- Further definition of OBDH interfaces 31. July/1. November 1999
- Review of Instruments Comments on ACMS is part of System Specification review - end September 1999
- Next meeting 19 November 1999

Critical Items

- None

Concerns

- None

15 September 1999

Commonality Steering Committee meeting (SCI-PT/FIN/07053)



CWG#3 RTA chairperson summary report:

- My apologies for being absent due to the birth of my son Sergio on 8 September
- CWG#3 RTA meeting 2 held on 19 May 1999
 - All instrument teams agreed that adoption of SCOS-2000 *could* potentially effectively reduce effort needed for RTA development by a factor of ~2
 - The suitability of SCOS-2000 need to be properly assessed!
- PACS will take the lead for this activity, but will need support from ESA and the other instrument teams (FIRST and Planck)
- Obviously PACS cannot decide on the suitability for someone else!
- Adopted timescale
 - Acceptance Test Plan (ATP) drafted by FSC & PACS; draft 0.3 circulated on 13 August by FSC (A. Heras)
 - Final version of SCOS-2000 ATP due 10 October (E. Wiezorrek, PACS)
 - Installation of SCOS-2000 in MPE, Garching in September; evaluation commences



- Adopted timescale cont'd
 - Demonstration/testing in MPE, Garching, of the usage of SCOS-2000 as RTA framework on 3-4 November
 - Next CWG#3 RTA meeting in Garching on 5 November
 - Preparation of the RTA Delta-URD starting in November
 - Report on SCOS-2000 suitability as framework for RTA due end November
- Agressive timescale, lack of manpower/support
- Future (activities) of CWG#3 RTA to be discussed after the conclusion of this activity



FIRST/Planck

Commonality Working Group #4/5

(On-Board Software and Operations)

Status Report

ESTEC, 15 September 1999

P. Estaria (SCI-PT)

15 September 1999

Commonality Steering Committee meeting (SCI-PT/FIN/07053)



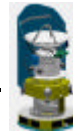
Commonality Working Group #4/5 (OSW and Operations)

General

- Commitment to “commonality” has been stated/re-stated several times by the PI groups (and ESA!)
- Commonality
 - minimises duplication of effort
 - minimises costs (for instrument and spacecraft)
 - minimises development time and risk
- It is acceptable (desirable?) to have more than one representative per Instrument in any given WG but then a **lead person** (co-ordinator) shall be nominated
- Inputs must be circulated to all; available at least 2 weeks prior to meeting
- At some suitable point in time the Steering Committee shall be replaced by the GSAG (Ground Segment Advisory Group) - see agenda point 6 ⇒ F-GSAG ? P-GSAG ?

15 September 1999

Commonality Steering Committee meeting (SCI-PT/FIN/07053)

**Commonality Working Group #4/5 (OBSW and Operations)***Overall Status*

- 2nd meeting of CWG held at ESTEC on 19th May 1999
- 3rd meeting planned for 14th September replaced by a OIRD meeting
- CWG#4 (Instrument Operations and On-Board S/W) and CWG#5 (Operations and Test Language) merged on 16.03.1999 ⇒ Steering Committee decision
- New group seen as a “System Group” (see Agenda point 7)
- Command Verification (CV) moved from RTA CWG to CWG #4/5
- Role of ESA is to **co-ordinate** (rather than direct) activities of the CWG ⇒ Steering Committee clarification (16.03.1999)
- CWG membership is currently unclear!!!
- Chair: Estaria (ESA/ESTEC)
- Secretary: none
- HFI: Charra, Couchot, Cougrand, Pajot *
- LFI: Butler, TBD (Laben)

15 September 1999

Commonality Steering Committee meeting (SCI-PT/FIN/07053)

**Commonality Working Group #4/5 (OBSW and Operations)***Overall Status (cont'd)*

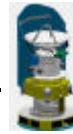
- HIFI: Roelfsema
- PACS: Feuchtgruber, Benedetti? (PACS ICC report - July '99)
- SPIRE: Pike (?) TBD (Sap) *
- Cross Instrument Support: Herreros (IAC), Cerulli (IFSI), Pezzuto (IFSI), Gomez (IAC), Dodsworth (ESOC)
- **(Much) more than half of the CWG members have never given any sign of life!**

OBSW Status

- VIRTUOSO presentation by ESTEC/TOS-ETD (D. Giunta) on 19.05.1999
- VIRTUOSO evaluation/demo at ESTEC (D. Giunta) on 12.10.1999
- Otherwise OBSW status unknown (not covered in Instruments' or ICC/DPC reports)
- ISVR's: (Ref. PT-06692 from 27.04.1999). One of the objective is: “Verify that the conceptual design of the OBSW has been finalised”!
- MOC OBSW maintenance concept known: ESOC presentation on 19.05.1999

15 September 1999

Commonality Steering Committee meeting (SCI-PT/FIN/07053)

**Commonality Working Group #4/5 (OBSW and Operations)***Operations Status (mainly commanding)*

- MOC telecommanding concept known: ESOC presentation on 19.05.99
- LFI: Detailed input provided on commanding + Command Verification (CV) - 19.05.99
- HFI: Statement that: “LFI scheme fits **almost** perfectly with HFI ideas” - 19.05.99
- IFSI: “Coordinated” (FIRST) “requirements” on commanding - 19.05.99
- PACS: Input on commanding and CV - 19.05.99
- HIFI: “High level” input on commanding - 19.05.99
- SPIRE: No input
- Commanding briefly discussed at FIRST GS Workshop (5-7 July 99) - No real progress
- FIRST and Planck requirements on commanding are very different

15 September 1999

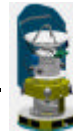
Commonality Steering Committee meeting (SCI-PT/FIN/07053)

**Commonality Working Group #4/5 (OBSW and Operations)***Conclusions*

- Visibility on OBSW development and schedule is **very poor**
- Some progress on instrument commanding but pace is **too slow**
- **Overall progress of CWG disappointing**
 - too many CWG members do not contribute - or contribution is not visible!
 - lack of technical co-ordination at ICC/DPC level
 - ESA manpower limitations
- We need (short term):
 - to elaborate a “**common**” FIRST instrument commanding scheme covering all aspects of command preparation, execution and verification - on-board and on ground - all/most of the ingredients are there! 1st draft to be available for next FIRST GS Workshop (13.10.99). (PE will not do it! - WHO ?)
 - idem for Planck?

15 September 1999

Commonality Steering Committee meeting (SCI-PT/FIN/07053)



Commonality Working Group #4/5 (OBSW and Operations)

Conclusions (cont'd)

- Area's of "useful" commonality between FIRST and Planck seem to be shrinking (Chairman's view!) as detailed work progresses
- Much operations-related work carried out outside CWG#4/5 e.g. OIRD, SCOS-2000, FIRST CUS, GS Workshop, other WGs (FINDAS, RTA, TM/TC definition)
 - ⇒ wasted resources, duplication of work, **lack of "system" approach**
- FIRST have therefore decided to set-up a FIRST "GS "System Team" to cover all FIRST GS and operations-related aspects:
 - This team should start work in November '99 - co-location? -
 - It should report to the F-GSAG (still to be established)
 - Second FIRST GS Workshop will take place in VILSPA from 13-15 October 1999
- Should a similar structure be set-up for Planck? (see Agenda point 7)
- How would "useful" FIRST/Planck commonality be maintained?

15 September 1999

Commonality Steering Committee meeting (SCI-PT/FIN/07053)



Cold Vibration Facility

- Cold Vibration Facility:
 - ROM cost estimates received from some facilities
 - ESA project pursues the approach to develop the facility at CSL as part of the ESA investment budget
 - General idea not rejected at last Coordinated Facilities Steering Meeting
 - Next step to be taken - proposal from project to D/TOS to include cryo-vibration facility in investment plan

15 September 1999

Commonality Steering Committee meeting (SCI-PT/FIN/07053)

Results of Commonality WG no. 6

FINDAS-IDIS Commonality Status Report

ESTEC, 15 Sep 1999

Peter Claes

ESA Astrophysics Division, Space Science Department

3rd Mtg. of Commonality Steering Committee

1. Structure of the CWG6 meetings

Part 1 : FINDAS-IDIS prototype activities

- status of the FINDAS-prototype
- architecture and steps for client-development
- presentation of client-development by the different development groups
- integration at and support from ESTEC
- discussion

Part 2 : FINDAS-IDIS commonality

- FINDAS URD and IDIS URD
- commonality of DMS, Configuration Control, CASE-tools, (Database ?)
- potential of other types of commonality



2. Chairman perception

- very active and enthusiastic meetings with inputs from all different test groups
- strong variation of stages of progress, resources of FINDAS prototype development, of the different groups
- need for dispersion of information (DMS, Tutorial, lessons learnt, problems encountered)
- quantity of input-information received varied strongly but quality was very high
- everyone realised that prototype testing is now very serious, and made excellent presentations of their clients, some of them in advanced stage of development.
- quite some input received for FINDAS URD, Test Activities, although more visibility on Test development is desirable
- desire from all parties to construct a common Object Data Model across the Scientific Ground Segment
- commonality areas are now well defined as well as non-commonality areas



3. Technical results

- high information dispersion on FINDAS-IDIS client development during meetings
 1. 3 tier architectures/technologies
 2. steps to take for development
 3. subject areas of the various clients
 4. UML-modelling (analysis and design)
 5. RMI and CORBA
 6. JAVA and C++
 7. ODBMS (OQL) and RDBMS (SQL)
 8. lessons learnt from the first developed clients



3. Technical results (cont'd)

- development plans (schedule and resources) provided, however exchange of “lessons learnt” and “problems encountered” needed.
- agreement on areas where commonality can/should be achieved
 - Configuration Management System (CMS)
 - Document Management System (DMS)
 - a common approach to the FINDAS/IDIS Infrastructure Package
 - the use of “cvs” to achieve configuration control at software level
 - the use of the same CASE-tools (e.g. Rational Rose)
 - the use of the same utilities to generate documents via “Rose” containing UML-modeling information
 - commonality by using the PUS (Packet Utilisation Standard) as the application-level interface between ground and space and as complement to the Packet Telecommand and Packet Telemetry standards.
 - the strong intent to investigate the usage of SCOS-2000 (ESOC-system) as area of commonality
 - common COTS-database/OODBMS ???
- common Object/Data Model for the prototype as a way to test interoperability



3. Technical results (cont'd)

- WWW-pages for support of prototype testing
- Coherent Test Plan with contributions of all groups
- Work on Coherent Test Report on-going
- agreement/re-assessment on areas where commonality may not be achievable (but to be determined after prototype-evaluation)
 - networks
 - physical OO-model (direct use of class definitions and objects) between FIRST and Planck



3. Technical results (cont'd)

- agreement that CWG6 should specify/define the FINDAS Infrastructure Package (FIP) as part of its commonality mission

Note : the FIP is the small brain of FINDAS taking care of functions such as versioning, security, logging, session management, query management, etc. FIP was initiated by VEGA (called FIL in their documents) but prototype FIP has to be evaluated and expanded.



4. Next activities

- FINDAS URD review
- FINDAS URD issuing
- Middle of October : issue of the FINDAS-prototype Evaluation Report
- CWG6_5-meeting on 27 October
agenda points/activities :
 - test-report review and round-up
 - follow-up of realisation of commonality in the previously defined areas
 - FINDAS- and IDIS URD discussion and comparison ?
 - client development cross-fertilisation
- Interoperability Testing activities between various FINDAS-clients in order to gain experience with an operational distributed development environment
- FINDAS URD and IDIS URD Commonality meeting ???
- FIP SSD initiation and discussion (part of commonality between ICCs) ???



5. Critical Items

- Regular feedback on problems encountered and lessons learnt is needed during the prototype exercise and not occurring enough
- Working together on geographically distributed locations is not evident
- FIRST (Planck) Science Ground Segment (O-O)-Software Commonality and Consistency : where addressed ?



6. List of Tasks of the CWG no. 6

- FINDAS-prototype support and evaluation
- mutual exchange of FINDAS- and IDIS- "lessons learnt and problems encountered"
- FINDAS URD generation/definition and IDIS URD description and comparison
- FIP SSD initiation, evaluation and discussion
- FINDAS SSD initiation, evaluation and discussion
- (re-)assessment of FINDAS- and IDIS-architectures in order to identify areas of commonality
- (re-)assessment of communication- and network needs of both FINDAS and IDIS
- definition of a set of requirements for potential FINDAS-IDIS (sub)system commonalities
- definition of the Planck user community FINDAS-interface
- mutual usage/communication between FINDAS and IDIS-databases: requirements, purpose, practical implementation, etc.
- research/exchange of information on a common OODBMS COTS product together with Planck