

meeting date	5 <sup>th</sup> of February, 2003	ref./réf.	page/page	1
date de la réunion				5
meeting place	ESOC	chairman	A. Parmar	
minute's date	7 <sup>th</sup> of February, 2003	participants	A. Parmar, M. Schmidt, S. Scaglioni, L. Hansson, R. Walter, D. Texier, C. Larigauderie (p.t), G. la Rosa (p.t.)	
subject/objet	GS-CCB meeting # 3	copy/copie	All participants + Project Scientist + M. Kessler + J. Carranza + T. Lock	

**description**

### 1. Approval of agenda

The agenda distributed before the meeting was approved, with the move of three MOC GS-CR (# 7, 8 & 9) from the "Open Change Requests" in section 4 into the "Closed Change Requests" in section 3.

### 2. Review of actions

There are no open actions from the previous GS-CCB meetings.

### 3. Change Requests closed since the last meeting

The following GS-CRs have been implemented in the end of the PV phase :

- MOC GS-CR 07 ("On-Board Pulseheight Conversion Table in both JEMX") on 27/11/2002.
- MOC GS-CR 08 ("New image for JEM-X 1 and 2 DPE") on 25/11/2003.
- MOC GS-CR 09 ("New DFEE images for JEM-X 1 and 2") on 25/11/2003.

### 4. Review of the open Change Requests

Note that the timeline for the update of all the ICDs is a point of the agenda of the coordination meeting.

#### 4.1. ISOC SCREW 293 "RMU cal windows in POS"

The Change Request was implemented in OSS v7.2. The POS-ICP ICD is still to be updated.

#### 4.2. ISOC SCREW 294 "Pointing ID during GS handover"

The Change Request was implemented in OSS v8.1. The POS-ICP ICD is still to be updated.

meeting date  
date de la réunion

ref./réf.

page/page 2 / 5

description

#### 4.3. ISOC SCREW 298 "Two minor changes to ECS"

The Change Request was implemented in ISOC v8.0, and the ISDC system has been updated as well.  
The ISOC-ISDC ICD is updated.  
The Change Request can be closed.

#### 4.4. ISOC SCREW 300 "Data distribution for CP pointed observations"

No software is impacted by this Change Request. It is only an update (to be done) of the ISOC-ISDC ICD.

#### 4.5. ISOC SCREW 315 "JEM-X dormant/safe mode in IOP/POD"

The Change Request was implemented in ISOC v8. The ISOC-ISDC ICD has to be updated.

#### 4.6. ISOC SCREW 317 "Minor updates"

This Change Request is only an update (to be done) of the ISOC-ISDC ICD. Change Request accepted.

#### 4.7. MOC GS-CR 03 "Missing IFTS File Types"

The IFTS S/W was updated on 20/11/2002. The IFTS ICD needs to be updated.

#### 4.8. MOC GS-CR 04 "Add SCSI host adapter to isdsa"

This Change Request is needed to have a full redundancy between the ISDS-A and ISDS-B machines (ISDC-B does not provide auxiliary files to ISDC).  
Its implementation will take a few hours (max half a day).  
The Change Request is accepted.

*Action GS\_03\_01 on M. Schmidt to propose a date for the update. Due date : 28/02/2003.*

#### 4.9. MOC GS-CR 10 "Remove MOUTP Stuff from the MOUT/MOUTP App. L"

It was decided to move the MOUT part of the current Appendix L into the ISOC-ISDC ICD and to leave the MOUT part in the Appendix L ICD.

MOC S/W still needs to be updated to remove the MOUTs from the OLF for the non-executed commands (CCCF). The priority of this SPR will be raised.

#### 4.10. MOC GS-CR 11 "Class of OE Message F0 for SPI"

The Change Request is accepted. It will be fixed by the uplink of SPI IASW v4.2.0. (see the discussion under point 4.12).

meeting date  
date de la réunion

ref./réf.

page/page 3 / 5

description

#### 4.11. MOC GS-CR 12 “No spectra treatment for SPI when Accumulation duration=0”

The Change Request is accepted. It will be fixed by the uplink of SPI IASW v4.2.0. (see the discussion under point 4.12).

#### 4.12. MOC GS-CR 14 “New SPI IASW version 4.2.0”

The impact on ISOC has been analysed and already implemented in v8.1 (first rev scheduled : 39).  
There is no software change in ISDC.  
MOC has tested the patch and found no problem.

In the test of the version 4.2.0 done at CNES, the telemetry stopped after 7 h of correct functioning. A repeat of the test at CESR showed a loss of both telemetry and telecommanding after several hours. The run of the v4.0.0 (the current flight version) showed a similar behaviour. It is believed to come from a H/W problem of the test equipment.

It is proposed to load the IASW v 4.2.0 on 10/02/2003 and if the problem seen on ground occurs in flight then to reset the instrument and to roll back to IASW v 4.0.0. Note that the usage of v4.0.0 for the Crab observation requires a rescheduling by ISOC.

The version 4.1.0 has been delivered in case of a problem with the photon buffer.

Images for both v4.2.0 & 4.1.0 are available at MOC.

The Change Request is accepted.

*Action GS\_03\_02 on C. Larigauderie to send an e-mail to summarise the results after the SPI IASW upload.*

As more changes on the SPI on-board software are foreseen, a new test chain is needed for the near future (before end of February).

#### 4.13. MOC GS-CR 15 “Corrections of JEM-X onboard SW to fit reduced microstrip gain”

This change request has no impact on ISOC.

There is no impact on the ISDC S/W. Waiting for the new IC files to be delivered.

The Change Request is accepted. The patch will be loaded on 06/02/2003.

#### 4.14. MOC GS-CR 16 “IBIS configuration”

This is a GS-CCB Change Request because it is a change of the VETO context table of IBIS.

It was implemented on Monday 20/01/2003.

Note that the new context table was dumped.

The Change Request can be closed.

#### 4.15. MOC GS-CR 17 “Update default TC\_parameters”

The updates were part of the new ODB installed for operations on Monday 03/02/2003.

The Change Request can be closed.

meeting date  
date de la réunion

ref./réf.

page/page 4 / 5

**description**

*Action GS\_03\_03 on G. la Rosa to confirm the correct implementation of the CR. Due date : 07/02/2003.*

Note that in the future a GS-CR must be raised to request the update of the ISOC default parameters to ensure everybody is aware of these modifications.

*Action GS\_03\_04 on L. Hansson to provide to ISDC the details of the ISOC default parameters updates since the beginning of the mission. Due date : 20/03/2003.*

**4.16. MOC GS-CR 18 “IBIS IASW patch (ver. 021212)”**

This CR has no impact on ISOC, nor on the ISDC software.  
It is accepted and will be loaded today 05/03/2003.

**4.17. To be submitted : IREM scaling factor patch**

The change of the scaling factor applied to the IREM TC3 in the broadcast packet is currently being investigated.

**5. A.O.B**

**5.1. OCR procedure**

It was agreed to have a new field “Impact on the Science Data” to make sure people will fill in that section of the OCR.

*Action GS\_03\_05 on L. Hansson to confirm that the ISOC distribution list to be used is : isoc\_gs\_cr @ rssid.esa.int Due date : 10/02/2003.*

*Action GS\_03\_06 on S. Scaglioni to check that all required MOC people are in the distribution list “#integralogs @ esa.int”. Due date : 10/02/2003*

*Action GS\_03\_07 on R. Walter to check that all required ISDC people are in the distribution list “isdc-lib @ obs.unige.ch”. Due date 10/02/2003*

*Action GS\_03\_08 on S. Scaglioni to update the OCR form and to re-issue it. Due date : 15/02/2003.*

**5.2. Visibility of all executed OCRs**

The OCRs are tracked by J. Houser from MOC.  
Copies of all the Change Requests implemented during the PV phase will be made available to ISOC & ISDC.

*Action GS\_03\_09 on S. Scaglioni to find how to have the Change Requests implemented during the PV scanned. Due date : 20/02/2003.*

meeting date  
date de la réunion

ref./réf.

page/page 5 / 5

**description**

**5.3. GS-CR procedure**

There was some confusion between the OCR (Operational Change Request) and the GS-CR (Ground Segment Change Request). To summarise :

- A GS-CR is to be raised to request the update of a “multi-site” Configuration Item. See note “Configuration Control Concept for the Integral Ground Segment” for a list of the “multi site” Configuration Item and for the procedure to follow.
- An OCR is to be raised to request operational changes which do not impact any multi-site Configuration Item.

**5.4. DB release in the future**

The installation of the ODB was until now done during the perigee passage. It was accepted to do it from now on during the day (~ 1 h).

**5.6. Next meeting**

No date has been set for the next GS-CCB meeting as it will depend on the Change Requests being raised.

