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Reference:

HP-ASED-FX-0601-05

Date:

16.12.2005

**Subject: Removal of Instruments from EQM****Reference: HP-2-ASED-MN-1133**

Dear Sirs

With your inputs from referenced meeting we reworked our planning to open the cryostat. It turned out that disconnection of the FPU and warm units has to be done in another EQM configuration than the dismantling of the FPU. Disconnection has to be done as long as the PLM is mated with the SVM and the composite is standing on the floor. Access to the connectors is given via the working platform we already used for connection.

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# EADS ASTRIUM

From: C. Schlosser  
 Ref.: HP-ASED-FX-0601-05  
 Date: 16.12.2005

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Dismounting of the FPU's has to be done with the PLM in the small test dolly. For that we have to de-mate the PLM from the SVM simulator. As a consequence instrument disconnection and FPU removal cannot be done in one slot. To reduce travel times we propose to combine the FPU dismounting with the warm units' removal.

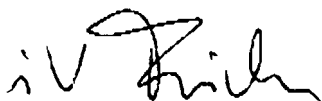
The instrument related parts of the EQM schedule are as summarized in the table below. Start and finish dates are "calculated". A fine adjustment of the dates below to tighten instrument presence at Astrium site will have to be done on short notice.

Activities where we believe that instrument presence is not required, which are for information only, are in italics.

Activity	Start	Finish
De-integration HIFI Warm Units	Mon, 09.01.2006	Fri, 13.01.2006
De-integration HIFI panels from SVM simulator	Mon, 09.01.2006	Tue, 10.01.2006
Remove HIFI WUs from panel and handover to HIFI	Wed, 11.01.2006	Fri, 13.01.2006
removal of waveguides & LOU harness	Wed, 11.01.2006	Wed, 11.01.2006
removal of LOU	Thu, 12.01.2006	Thu, 12.01.2006
<i>disconnection of CVSE, EGSE and SV121 airlock</i>	<i>Fri, 13.01.2006</i>	<i>Fri, 13.01.2006</i>
<i>transfer of PLM/SVM to CR 100 airlock</i>	<i>Fri, 13.01.2006</i>	<i>Mon, 16.01.2006</i>
<i>Opening of Cryostat</i>	<i>Mon, 16.01.2006</i>	<i>Wed, 01.02.2006</i>
disconnect PACS thermal straps (by PACS)	Wed, 01.02.2006	Wed, 01.02.2006
disconnect PACS SIH from FPU and WU (by PACS)	Wed, 01.02.2006	Fri, 03.02.2006
disconnect SPIRE thermal straps (by SPIRE)	Fri, 03.02.2006	Fri, 03.02.2006
disconnect SPIRE SIH from FPU and WU (by SPIRE)	Mon, 06.02.2006	Tue, 07.02.2006
disconnect HIFI thermal straps (by HIFI)	Wed, 08.02.2006	Wed, 08.02.2006
disconnect HIFI SIH from FPU (by HIFI)	Wed, 08.02.2006	Fri, 10.02.2006
<i>PLM / SVM Demating</i>	<i>Fri, 10.02.2006</i>	<i>Wed, 15.02.2006</i>
<i>Transfer of PLM in test dolly</i>	<i>Wed, 15.02.2006</i>	<i>Fri, 17.02.2006</i>
PACS removal	Fri, 17.02.2006	Wed, 22.02.2006
dismount PACS FPU	Fri, 17.02.2006	Mon, 20.02.2006
dismount PACS panel from SVM simulator	Tue, 21.02.2006	Tue, 21.02.2006
remove PACS WUs and handover to PACS	Tue, 21.02.2006	Wed, 22.02.2006
SPIRE removal	Wed, 22.02.2006	Mon, 27.02.2006
dismount SPIRE FPU & J-FETs	Wed, 22.02.2006	Thu, 23.02.2006
dismount SPIRE panel from SVM simulator	Fri, 24.02.2006	Fri, 24.02.2006
remove SPIRE WUs and handover to SPIRE	Fri, 24.02.2006	Mon, 27.02.2006
HIFI removal	Mon, 27.02.2006	Tue, 28.02.2006
dismount HIFI FPU	Mon, 27.02.2006	Tue, 28.02.2006

Kind regards

EADS ASTRIUM



i. V. Dr. W. Fricke



i. A. C. Schlosser