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HP-ASED-FX-0112-05

**Date:**

07.03.2005

**Subject: EQM Instrument AIT Near Term Planning****Reference: HP-ASED-FX-0005-05, dated 13.01.05**

Dear Sirs

In referenced fax we asked for instrument warm unit deliveries during the next weeks. After delivery we want to finally integrate the warm units onto the SVM simulator panels - mechanically as well as electrically. This means that we don't want to give the units back to you until end of the EQM test campaign.

According to the last information from Alcatel Space, the PLM EGSE cable will be delivered from SSBV by end of this week (CW 10/2005). This test cable ends at the SVM simulator interfaces. The cable from the SVM simulator interface to the warm

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units will be delivered from Alcatel Space by end of March. Thus we need both cables for the electrical integration of the warm units we propose the following approach for the next activities.

- |                     |   |
|---------------------|---|
| Until 11.03.05      | Delivery of PLM EGSE cable  |
| Until 31.03.05      | Delivery of SVM I/F bracket ↔ WU I/F cable  |
| 01.04.05 – 08.04.05 | Test of EGSE set-up with all EGSE cables  |
| 08.04.05            | Delivery of PACS DEC/MEC  |
| 11.04.05            | Unpacking, incoming inspection, mechanical integration of PACS DEC/MEC onto SVM simulator panel     |
| 12.04.05            | Grounding verification, connection of WIH, bench test of PACS warm units                            |
|                     | Mechanical integration of SVM simulator PACS panel into SVM simulator                               |
| 13.04.05 – 15.04.05 | Electrical integration of PACS warm units and functional tests                                      |
| 15.04.05            | Delivery of SPIRE warm units  |
| 18.04.05            | Unpacking, incoming inspection, mechanical integration of SPIRE warm units onto SVM simulator panel |
| 19.04.05            | Grounding verification, connection of WIH, bench test of SPIRE warm units                           |
|                     | Mechanical integration of SVM simulator SPIRE panel into SVM simulator                              |
| 20.04.05 – 22.04.05 | Electrical integration of SPIRE warm units and functional tests                                     |
| 22.04.05            | Delivery of HIFI warm units   |
| 25.04.05            | Unpacking, incoming inspection, mechanical integration of HIFI warm units onto SVM simulator panels |
| 26.04.05            | Grounding verification, connection of WIH, bench test of HIFI warm units                            |
|                     | Mechanical integration of SVM simulator HIFI panels into SVM simulator                              |
| 27.04.05 – 29.04.05 | Electrical integration of HIFI warm units and functional tests                                      |

As soon as the functional tests of an instrument are completed, the SIH could be connected to the warm units and to the FPU and the warm functional tests of the integrated FPUs could be performed.



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This timeline will be incorporated in a recovery schedule, which will be established in CW 10 + 11. The instrument test phases will be taken from the recovery schedule and presented in a fax to all instruments in CW 12.

According to ESA agreement all DRB's shall be held one week before delivery. We kindly ask ESA to organise these DRB's accordingly.

During a combined AIT meeting it has been discussed whether it is possible to perform a power / 1553 bus interface test of the instruments within the SVM AVM at Alenia when the warm units are available. We kindly ask Alcatel to check whether there is a slot before above given delivery dates to ASED.

Kind regards

**EADS ASTRIUM**

A handwritten signature in black ink, appearing to read "I. V. W. Rühle".

I. V. W. Rühle

A handwritten signature in black ink, appearing to read "I. A. Schlosser".

for I. A. Schlosser