Herschel/SPIRE
MULLARD SPACE SCIENCE LABORATORY
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SPIRE - STRUCTURE INTERFACE DRAWING ISSUE 16 AND MODIFICATION SHEET ISSUE 1.0
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Distribution:

| Spire Project Office | B Winter | SHEET | MODIFICATION |
| :---: | :---: | :---: | :---: |
|  |  | 2 | JFET note modified. |
| ESA PX | A Heske J Bruston J Rautakoski | 1 | Dimensions over Blade Mounts added. |
|  |  | 1 | ' Zu ' axis added. Spacecraft co-ordinates note added. |
|  |  | 1 | "Optical Datum Pin" note deleted. |
|  |  | 4 | Mounting referencing hole added (fixed mounting). |
| RAL | B Swinyard <br> E Sawyer <br> J Delderfield <br> J Long (Project Office) | 2 | Section description note changed. |
|  |  | 3 | 10 mm mechanical clearance zone deleted. |
|  |  | 3 | Shaded optical beams extended. |
|  |  | 3 | Note wrt. Beam dimensions added. |
|  |  | 3 | Reference cube angular mounting ad absolute accuracy note added. |
| Mullard Space Science Laboratory | A Smith <br> J Coker C Brockley-Blatt A Dibbens | 4 | Floating details removed. |
|  |  | 4 | Alignment of HOB wrt. Herschel to permit Spire to be aligned. |
|  |  | 5 | Unit axes added. |
|  |  | 5 | Cold Straps detail deleted (saved on new drawing A1/5264/300A). |
|  |  | 5 | JFET thermal Interfaces note added. External to MSSL note added. |
| ATC | C Cunningham <br> I Pain <br> T Paul | 5 | HSFPU thermal finishes added. Note wrt. JFET thermal interfaces added. |
|  |  | 6 | Electrical isolation note wrt. Cold straps added. |
|  |  | 1 | Mass updated. Moments of Inertia added. |
| Cardiff <br> CSA <br> COMDEV <br> JPL | P Hargrave <br> D Peterson <br> J Hacket <br> J Bock <br> J Lilienthal <br> J Taylor <br> L Duband <br> Herschel.Planck@esa.int | 4 | FPU mounting cone interface holes modified. |
|  |  | 4 | Contact area of FPU interface Vespel insulators added. |
|  |  | 4 | Note wrt. HOB flatness and tilt to Herschel X Axis added. |
|  |  | 5 | Detail of FPU internal Level ' 0 ' straps deleted - Now on drawing A1/5264/300A |
| UofS <br> CEA <br> Herschel Project |  | 6 | JFET harness "Stay Out" zones added. |
|  |  | 7 | FPU cone to PACS clearance dimension added. |
|  |  | ALL | BDA- Obsolete harness feedthroughs deleted. |
|  |  | 2 | Addition of RF Filter connector numbers |

ISSUE 16....PRE-ISSUE ONLY

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Checked:
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Approved:

Date:
Date:
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