

**HERSCHEL  
FLIGHT OPERATIONS PLAN**

**VOLUME 7**

**Contingency Flight Control Procedures**

**PACS CRP's**

**PT-HMOC-OPS-FOP-6001-OPS-OAH**

**Issue 3.1**

**05/09/11**



## DOCUMENT APPROVAL

The Approval Page for all Volumes of the FOP can be found in Volume 1.



## DISTRIBUTION LIST

The Distribution List for all Volumes of the FOP can be found in Volume 1.

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## CHANGE SUMMARY

| Date       | FOP Issue | Version | Modification Description                     | Author      | SPR Ref |
|------------|-----------|---------|--|-------------|---------|
| 01/08/2008 |           | 1       | Created                                      | mvoegele-hp |         |
| 04/08/2008 |           | 2       | Updated for Issue 1.0                        | mvoegele-hp |         |
| 05/08/2008 | 1.0       | 3       | Changed title                                | mvoegele-hp |         |
| 02/02/2009 | 2.0       | 4       | Updated change control history for Issue 2.0 | mvoegele-hp |         |
| 06/03/2009 | 2.1       | 5       | Updated change control history for Issue 2.1 | mvoegele-hp |         |
| 23/04/2009 | 2.3       | 6       | Updated change control history for Issue 2.3 | mvoegele-hp |         |
| 08/10/2009 | 2.5       | 7       | Updated change control history for Issue 2.5 | dbleakle-hp |         |
| 13/04/2010 | 3.0       | 8       | Updated change control history for issue 3.0 | mvoegele-hp |         |
| 05/09/2011 | 3.1       | 9       | Updated change control history for issue 3.1 | mvoegele-hp |         |










## CHANGE RECORD SHEET

| Change No. | Type of Change | Date of Issue | Section Affected  |
|------------|----------------|---------------|---|
| 1          | 1.0            | 06/08/08      | All   |
|            |                |               | Updated:  |
|            |                |               | Added: H_CRP_PAC_CSSF, H_CRP_PAC_NSIF, H_CRP_PAC_RSIF                                 |
|            |                |               | Deleted:  |
| 2          | 2.0            | 02/02/09      | All – Complete re-print for Issue 2.0   |
|            |                |               | Updated: H_CRP_PAC_NSIF, H_CRP_PAC_RSIF   |
|            |                |               | Added: H_CRP_PAC_OBCP   |
|            |                |               | Deleted:  |
| 3          | 2.1            | 06/03/09      | All – Complete re-print for Issue 2.1   |
|            |                |               | Updated: H_CRP_PAC_NSIF, H_CRP_PAC_OBCP, H_CRP_PAC_RSIF                               |
|            |                |               | Added:  |
|            |                |               | Deleted:  |
| 4          | 2.2            | 26/03/09      | None  |
| 5          | 2.3            | 23/04/09      | All – Complete re-print for Issue 2.3   |
|            |                |               | Updated:  |
|            |                |               | Added:  |
|            |                |               | Deleted:  |
| 6          | 2.4            | 06/05/09      | None  |
| 7          | 2.5            | 07/10/09      | All – Complete re-print for Issue 2.5   |
|            |                |               | Updated: H_CRP_PAC_NSIF, H_CRP_PAC_RSIF   |
|            |                |               | Added:  |
|            |                |               | Deleted:  |
| 8          | 3.0            | 13/04/10      | Complete re-print   |
|            |                |               | Updated:  |
|            |                |               | Added:  |
|            |                |               | Deleted:  |
| 9          | 3.1            | 05/09/11      | Complete book replaced.   |
|            |                |               | Updated: H_CRP_PAC_CSSF, H_CRP_PAC_NSIF, H_CRP_PAC_RSIF                               |
|            |                |               | Added: H_CRP_PAC_BOLO, H_CRP_PAC_PEPI, H_CRP_PAC_PHOT, H_CRP_PAC_PPRO, H_CRP_PAC_SPEC |
|            |                |               | Deleted:  |



## Introduction

### 3.5 PACS Flight Control Procedures

|   |                                |                                    |   |            |
|---|--------------------------------|------------------------------------|---|------------|
|  | <a href="#">H_CRP_PAC_BOLO</a> | PacsEng_BOLO_cooler                | 5 | 18/01/2011 |
|  | <a href="#">H_CRP_PAC_CSSF</a> | Transition to SAFE mode            | 4 | 19/11/2010 |
|  | <a href="#">H_CRP_PAC_NSIF</a> | Immediate switch OFF (Nominal)     | 9 | 19/11/2010 |
|  | <a href="#">H_CRP_PAC_OBCP</a> | PACS OBCP Recovery                 | 2 | 04/03/2009 |
|  | <a href="#">H_CRP_PAC_PEP1</a> | SpirePacsEng_Parallel_PacsEpilogue | 5 | 18/01/2011 |
|  | <a href="#">H_CRP_PAC_PHOT</a> | PacsEng_PHOT_orbit_prologue        | 5 | 18/01/2011 |
|  | <a href="#">H_CRP_PAC_PPRO</a> | SpirePacsEng_Parallel_PacsPrologue | 5 | 18/01/2011 |
|  | <a href="#">H_CRP_PAC_RSIF</a> | Immediate switch OFF (Redundant)   | 9 | 19/11/2010 |
|  | <a href="#">H_CRP_PAC_SPEC</a> | PacsEng_Spec_setup_Flex            | 4 | 18/01/2011 |