

**HERSCHEL
FLIGHT OPERATIONS PLAN**

VOLUME 7

Contingency Flight Control Procedures

CCU CRP's

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

Issue 3.0

13/04/10



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.

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	
26/03/2009	2.2	6	Updated change control history for Issue 2.2	mvoegele-hp	
23/04/2009	2.3	7	Updated change control history for Issue 2.3	mvoegele-hp	
13/04/2010	3.0	8	Updated change control history for issue 3.0	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_CCU_AB00, H_CRP_CCU_AB01, H_CRP_CCU_CCUR, H_CRP_CCU_CRYO, H_CRP_CCU_MANG, H_CRP_CCU_VBN0, H_CRP_CCU_VBN1, H_CRP_CCU_VLV0
			Deleted:	
2	2.0	02/02/09	All – Complete re-print for Issue 2.0	
			Updated:	H_CRP_CCU_AB00, H_CRP_CCU_AB01, H_CRP_CCU_CCUR, H_CRP_CCU_MANG, H_CRP_CCU_VBN0, H_CRP_CCU_VBN1, H_CRP_CCU_VLV0
			Added:	H_CRP_CCU_DEBU, H_CRP_CCU_RTR
			Deleted:	
3	2.1	06/03/09	All – Complete re-print for Issue 2.1	
			Updated:	H_CRP_CCU_CCUR, H_CRP_CCU_CRYO, H_CRP_CCU_RTR
			Added:	H_CRP_CCU_DLCR
			Deleted:	
4	2.2	26/03/09	Front Page, Change Summary, Change Record Sheet and List of Procedures replaced.	
			Updated:	H_CRP_CCU_AB01, H_CRP_CCU_DEBU, H_CRP_CCU_VBN0, H_CRP_CCU_VBN1, H_CRP_CCU_VLV0
			Added:	
			Deleted:	
5	2.3	23/04/09	All – Complete re-print for Issue 2.3	
			Updated:	H_CRP_CCU_CCUR, H_CRP_CCU_CRYO, H_CRP_CCU_DLCR, H_CRP_CCU_VBN0, H_CRP_CCU_VBN1
			Added:	
			Deleted:	
6	2.4	06/05/09	None	
7	2.5	07/10/09	None	
8	3.0	13/04/10	Complete re-print	
			Updated:	
			Added:	
			Deleted:	



Introduction

3.3 CCU Flight Control Procedures

	H_CRP_CCU_AB00	CCU Switch OFF	4	09/01/2009
	H_CRP_CCU_AB01	CCU Switch ON	6	25/03/2009
	H_CRP_CCU_CCUR	CCU Anomaly	4	20/04/2009
	H_CRP_CCU_CRYO	Cryostat Anomaly	3	06/04/2009
	H_CRP_CCU_DEBU	Enable/Disable CCU meas. debug mode	3	25/03/2009
	H_CRP_CCU_DLCL	DLCM anomaly	2	06/04/2009
	H_CRP_CCU_MANG	Start/stop Payload management function	2	26/11/2008
	H_CRP_CCU_RTR	Recovery from a CCU A or CCU B Non-Vital RT Invalid	3	21/02/2009
	H_CRP_CCU_VBN0	Big Nozzle Open	4	22/04/2009
	H_CRP_CCU_VBN1	Big Nozzle Close	6	22/04/2009
	H_CRP_CCU_VLV0	Reinforce V501/503 & V103/106 Opening	5	25/03/2009