Manual Cooler Recycle
File: H_COP_SPI_MREC.xls
Author: L.Lucas-hp

Procedure Summary

Objectives

The objective of this procedure is to stipulate which procedures
are required for the SPIRE Manual Cooler Recycle.

Summary of Constraints

The saved stack files should have been generated prior to the
DTCP and sent to the HSC/ICC as defined in the procedure
H_GSP_MCS_MSTK.

1 OBS_ID value is required from the HSC.

Spacecraft Configuration

Start of Procedure

n/a

End of Procedure

n/a

Reference File(s)
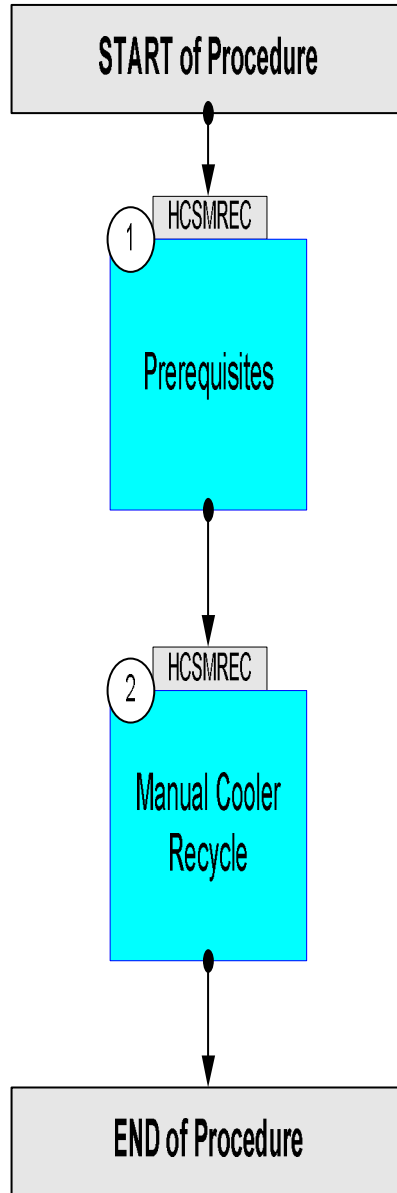
Input Command Sequences

Output Command Sequences

Referenced Displays

ANDs   GRDs   SLDs

Configuration Control Information

DATE	FOP ISSUE	VERSION	MODIFICATION DESCRIPTION	AUTHOR	SPR REF
27/02/09	2.1	1	Created	L.Lucas-hp	

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Procedure Flowchart Overview

```
          ┌────────────────────────┐
          │    START of Procedure  │
          └────────────────────────┘
                     │
                     ▼
          ┌──────────────────────┐
       ①  │ HCSMREC              │
          │                      │
          │     Prerequisites    │
          │                      │
          └──────────────────────┘
                     │
                     ▼
          ┌──────────────────────┐
       ②  │ HCSMREC              │
          │                      │
          │    Manual Cooler     │
          │      Recycle         │
          │                      │
          └──────────────────────┘
                     │
                     ▼
          ┌────────────────────────┐
          │     END of Procedure   │
          └────────────────────────┘
```

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
Beginning of Procedure			
		TC Seq. Name :HCSMREC (Manual Cooler Recyc) *TimeTag Type:* *Sub Schedule ID:*		
1		*Prerequisites*		Next Step: 2
		The following test consists of one activity. An activity is represented by one saved stack file to be generated prior to the DTCP. Each stack should allso be delivered to the HSC/ICC using the procedure defined in **H_GSP_MCS_MSTK**		
		NOTE: Naming Convention for saved stack file: **yyyymmdd_nnnn_H_SAVED_xxvv** yyyy = Year *[of expected uplink]* mm = Month *[of expected uplink]* dd = Day *[of expected uplink]* nnnn = OD *[of expected uplink]* xx = TSF number (defined in each activity) vv = version number		
		Note: The procedure defined below should be brought into the TBC saved stack file prior to the DTCP: **yyyymmdd_nnnn_H_SAVED_xxvv** This file is then called up and executed on the manual stack during the DTCP.		
1.1		*Verify HSC/ICC inputs*		
		Prerequisites, verify: **DPU s/w version/subversion** **SPU s/w version/subversion** FP: OBS_ID (quantity 1)		
2		*Manual Cooler Recycle*		Next Step: END

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Step No.	Time	Activity/Remarks	TC/TLM	Display/ Branch
		Note: The procedure defined below should be brought into the TBC saved stack file prior to the DTCP: **yyyymmdd_nnnn_H_SAVED_xxvv** This file is then called up and executed on the manual stack during the DTCP.		
2.1		*Activity procedures*		
		Run the following one, 1 procedure.		
2.1.1		*Manual Cooler Recycle*		
		PROCEDURE: **H_COP_SPI_MACR [HCSMACR]** FP: **OBS_ID**		

End of Procedure	