

# Downtime Readiness Review (DTRR)

HEF Life Extension-DSS 45

Part II

August 4, 2004

# DTRR HEF Life Extension-DSS 45 Review Board

- **Fred Battle** – DSMS Safety Engineer
- **Dennis Buck** – DSMS Operations
- **Gene Burke** – Review Board Chair, Office 930
- **Michael Coluzzi** – ITT O&M Manager
- **William Dobie** – CDSCC Antenna Structural Supervisor
- **Jean Patterson** – Division 33 IND Representative
- **Wayne Sible** – 940 Engineering Program Office
- **Bruce Wiley** – CDSCC Antenna and Facilities Manager

# DTRR HEF Life Extension-DSS 45 Agenda/Schedule

## HEF-LE Task Status

- 3:10 RFA Status
- 3:20 Modkit/Hardware Status
- 3:30 OE Status Report
- 3:40 Schedule Review
- Board Discussion

# DTRR HEF Life Extension-DSS 45

## Success Criteria per 813-101

- Detailed Schedule
- Modkits on site 3 weeks before start of downtime
- Pre-install testing complete
- Installation instructions complete and reviewed by OE
- Spares shipment per MSA
- On-site facilities, tools and personnel are available
- Training materials are ready and training scheduled

## RFA List and Status from 7/12/04 Review

<b>RFA #</b>	<b>Description</b>	<b>Resolution</b>	<b>Assigned to</b>	<b>Disposition</b>
1	Wiper Blocks not seen by OE or station personnel during visit to manufacturer	MTC has confirmed shipment	A. Sehic	Closed
2	Station Ref location may change	VLBI Tests incorporated into schedule	J. Cucchissi	Closed
3	Add instruction in HIP to test & verify mods to drive control before operating antenna	Instructions added to HIP	A. Sehic	Closed
4	Track reconstructions requires antenna pointing and recalibration	Added testing detail to schedule	A. Sehic	Closed
5	Base line present state of antenna	Added to schedule	S. Hampton	Closed
6	OE Test Plan for antenna	Added to schedule	S. Hampton	Closed
7	USC Implementation	Added to schedule	C. Link/A.Sehic	Closed
8	Grout cure above 16 degrees C	MTC will provide heaters as required	A. Sehic	Closed
9	Overall downtime schedule	Revised schedule to cover all downtime tasks	A. Sehic/J.Sosnowski	Closed

# DTRR HEF Life Extension-DSS 45 Downtime Overview

- Downtime scheduled from 8/9/04 to 12/5/04
- Paper Modkits delivered to DLF on 7/8/04
- Hardware arriving from multiple ports as follow:

Major Component Description	Point of Origin	Destination	Shipment Status	Estimated Arrival	Notes
Pintle Bearing/Hardware/Tools	Pasadena	CDSCC	Shipping 7/9/04	8/2/2004	
Gearboxes	Sumitomo/ Japan	CDSCC	Shipping 7/20/04	7/30/2004	
Motors (GE)	NA	NA	NA	NA	On Site
Grout	NA	NA	NA	NA	On Site
Az Track/Support Plate/Wheels	Townsville, Australia	CDSCC	NA	NA	On-site

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## Dependencies and other tasks

- ASC Modkit, 105.302
  - Modkit Shipped 7/29/04
- Installation of Jacking Pads by CDSCC
  - ECR 03.0017, CI 105.101
    - Status 60% complete by August 9, 2004
    - 100% complete during 1<sup>st</sup> week of downtime
- USC Modkit, NIB
  - ECR 02.0007, CI 110.101
  - Currently NIB to task, 11/22/04 – 12/05/04

# DTRR HEF Life Extension-DSS 45 Modkit/MESkitStatus

ECR 03.0015						
CI	Acronym	ETA	Shipping Status	Liens	MSA	Installation Procedure
105.102	DMA	#040213	At DLF 7/7/04	2	#39 (signed)	Signed-off
105.302	ASC	pending	7/30/04	n/a	n/a	
*ASC is in process on a modkit and procedure for installing resistor mod. No resistor change would have been required for Life Extension. Change is anticipating ACR.						

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## Lien Status

<b>Liened Items</b>			
<b>Doc No.</b>	<b>Description</b>	<b>Status</b>	<b>Committed Date</b>
868-000139	34M HEF Installation & Alignment Procedure	Signed	PDMS 8/3/04
867-000061	34M HEF Life Extension OMM	Released 8/2/04	

# DTRR HEF Life Extension-DSS 45 Safety Plan

- MTC Document SP-12544564, 3/4/04
  - Latest revision 7/28/04
- System Safety Checklist- 6/30/04