



2k MMT1 Wire fix, HAM 7 Incursion

APPROVALS	DATE	REV	DCN NO.	BY	CHECK	DCC	DATE
AUTHOR: Betsy Bland	6/16/03						
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DCC RELEASE							

PREPARATIONS

- Process/vacuum bake spare MMT1 (Done as of 6/18/03)
- Receive Class A Baffles from CIT (Done as of 6/17/03)
- Mark and move ISCT7 and IOT7
- Clean HAM 7 area
- Turn on HAM 7 cleanroom (Done as of 6/17/03)
- Crane Forklift to 2k area (Done as of 6/17/03)

THE BIG DAY

Pull HAM7 E door, and HAM 7 W door
 Plank into HAM7 and assess MMT1 damage (Are the magnets broken?) Do razorblade test.
 Clamp all 5 SOSes and 1 LOSes from plank (1 hr)
 Check Table level: _____

Option 1

Fix wire in-situ if magnets aren't broken – this involves: (~2 hrs)
 Remove OSEMs
 Rehang optic (Involves use of a height gage, winches)
 **Turn over wire clamps for fresh use!
 Reinstall OSEMs
 Install Baffle(s)
 Check Table Level: _____
 Release optics from stops

Option 2

Magnets are broken and total MMT1 swap must be done: (1-2 hrs)
 Dog stops against original MMT1 tower for location
 Remove whole original MMT1 SOS assembly
 Install new MMT1 SOS assembly (complete with new OSEMs)
 Install Baffle(s)
 Check Table Level: _____
 Release optics from stops

Exit Chamber Checks
 Replace doors and tables

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Pump down

Relock MC and see how the pointing from MMT1 to MMT2 is (by Thurs.) night

Things I need on hand (notes for myself):

New MMT1 SOS assembly

MMT1 Baffle

OSEM Wire cable shields

Winch fixture

Height Gage

New Wire

Razor Blades

SOS tool pan

8" level

Dog clamps and hardware

Baffle(s) and Hardware

O-scope and octopus cable

Laser pointer

Belly Bar clamp

Laminate maps

Camera

HAM inst. stuff: (Already prepped by Corey and Vagesh as of 6/17/03)

(2sets) Stairs

(2) belly bars

(2sets) Flange protectors

(4) HAM door covers