LAB#2: 650 723 3720
CELL: 650-427-0695

...ation Help Desk: 718-290-3803

9/20

- 8/22/15
- 8/20/15

15 - 8/3/15
- 5/2016
— 10/2015
5 - 8/2015
5 - 8/2015
15 - 8/15/2015
5 - 7/17/15

9:00

BUGS IN GUARDIAN CODE
HAULT IMC RECOVERY

9:45 DAQ RESTART

9:47 IMC RECOVERED

9:53 FULL GRD MALFUNCTIONING RESTART

10:03 IMC_LOCK BUGS MEANS
IMC RELOCKING

10:08 DISCOVER MC's ISCINP PTY
GAINS ARE ZERO

10:11 EY BIOS DONE

10:13 RESTARTING ISI HAM3 FIX DAQ BUG

10:25 RECOVERED EY SEI + SUS BEGIN CHARGE

10:27 IMC RECOVERED (SORT OF - STILL UNSTABLE B/C OF PMC / ISS TFs)
BEGIN ISC MODEL RESTARTS

10:40 ISC MODEL RESTARTS DONE → RESTORED TO 10:10 (WITH IFO IN DOWN)

16:45 PCAL IDENTIFIES BAD AA / AI CHASSIS CHANNEL
IMC RECOVERED
CS BECKHOFF CHANGES DONE

16:50 REBOOT OF DIGITAL VIDEO SYSTEM TO RESOLVE RECORDING BUG

11:00 FIL TO EX FOR UIM DRIVER FIX
DAQ RESTART

11:05 FIX OMC CHANNEL BUG

11:15 DAQ RESTART AGAIN

11:20 ROBERT OUT OF PSL

11:45 ED DONE W/ END STATION
RH ES FILTER
CLEANING CREW

11:50 HAM5 SDF / SPM SYSTEM

12:00 CAMERA REBOOT DONE (DIDN'T FIX PROBLEM)

12:08 ISS PD CALIBRATION
ROBERT / PEM DONE
CHERYL OUT OF PSL

CS RING HEATER FILTER DONE

12:20 FIL OUT OF EX DRIVER FIX

12:26 HEPI FOUND TO HAVE BAD FOTON FILES.
TAKING DOWN HEPI

ALOG ✓

12:29 PCALX OUT OF EX

12:45 REMOTE RESTART OF RED ITMX SPOOL CAMERA

12:50 ETMX ESD RAILED NEGATIVE,
IMC RECOVERED, FLASHES IN AS PORT

FROM THE NIGHT BEFORE

ALOG ✓

12:59 35HZ RING UP of HAM5
ETMX ISI GUARDIAN BUG ON TAKE DOWN
FOR FOTON REPAIR

13:10 HEPI ALL RESTORED

13:20 TS TEAM DONE

13:25 EX ESD BACK, RESUME CHARGE

14:15 CHARGE DONE.
BEGIN RECOVERY

14:23 ITM PUM DRIVER
COIL CURRENT WD TRIPPED

14:30 ETX DRIVER OFF AGAIN.

14:40 FIL TO EX, FOUND HV POWER SUPPLY TRIPPED

FOUND EX END BECKHOFF
FINALLY CRASHED. @ 14:15
BECKHOFF → VACUUM GAUGE → HV PS TRIP.

ALOG ✓

15:25 BECKHOFF BACK UP, RESUME LOCK

15:40 EX DRIVER RESTORED

15:42 EPICS GATEWAY FAILS @ EX
CONTROL ROOM EPICS DIES.

16:00 GATEWAY RECOVERED

16:10 LSC_CONFIGS GUARDIAN BECOMES UNDEAD
STEALS ALIGN IFO

FROM GUARDIAN MACHINE REBOOT

ALOG ✓

16:15 DAQ RESTART
(DAQ FAIL)

16:40 DAQ BACK, RESUME LOCKING

16:55 IR FOUND

16:59 SR3 OPLEV DAMPING FOUND OFF, FIXED

17:07 DECIDE ALIGNMENT TOO POOR, MAY
NEED BURT RESTORE
PUNT AND START AT INITIAL ALIGNMENT.

17:21 IMC RECOVERED

17:26 IR FOUND

18:10 ROTATION STAGE PROBLEMS

FROM BECKHOFF HANG UPS

ALOG ✓

18:54 POWER CYCLE BECKHOFF CHASSIS
(NOT THE COMPUTER)

19:13 BECKHOFF RECOVERED
IMC RECOVERED

19:19 FOUND IR

19:30 ENGAGE ASC

19:34 OMC LOCK ERROR GUARDIAN THROWS

19:37 (UNRELATED) LOCK LOSS

20:05 TCS CO2 LASER POWER CHANGE

MAYBE BECAUSE AUTOLOCKER WAS GETTING JUNK FROM PDHY WHITENED SIGNAL

STILL LOSING LOCK IN VARIOUS PLACES

20:45 DEBUGGING LOCKLOSSES ON ANALOG CARM

20:55 DISCOVERED THAT OMC CHANNEL RATE DECREASE IS MESSING W/ OMC_LOCK
GUARDIAN FOR LOOP ARRAYS

FROM ISC MODEL CHANGES HARD-CODED AT 10:40 a

21:40 FIRST SUCCESSFUL OMC LOCK AFTER OMC_LOCK BUG FIX

22:10 ENGAGE_ISS_SECOND_LOOP

RECOVERY COMPLETE.