

PASSWORDS: <https://secrets.ligo.org/secrets/>

HUGO
LAB#
LAB#
CELL

PREPS

CLEAR OUT SDF DIFFS
CAPTURE ALIGNMENT OFFSETS
LMC + IFO TO DOWN + OFFLINE
GRD TO SAFE STATE
SEI/SUS TO SAFE

TUESDAY MORNING TIMELINE

- TIMING MASTER
GPS REF SWAP

- UPGRADE BIOS ON NEW
EX/EY FES

- HEPI PUMP
STATION REPAIR

RECOVER LMC
+ CORNER STATION
SEI/SUS

- REPLACE/REPAIR EY
TIMING FAN OUT

- EX/EY RCG 2.9.
UPDATE

- INSTALL EX
LVLN ESD

RECOVERY
OF FULL IFO

- PEM ACCELS INTO MX/MY MODELS

- SUSANX MODEL UPGRADE(ESD) EX/EY

- PI MODEL INSTALL EX

← POWER CYCLE NETWORK SWITCH (FE)

- REBOOT CONLOG, EPICS,
GATEWAYS, GRD NODES

PEM CABLE PULLING

- FIX COMMUNICATION FIBER
HARDWARE FOR LDAS

POTENTIAL RCG 2.9.

CS UPDATE

(cs)
IFF TIMING KILLS FRONTENDS

MAINTENANCE 7/21

- ② - REPLACE/REPAIR EY TIMING FANOUT - ^{DEFINITELY KILLS ALL EY FRONT ENDS} → SETTINGS!
(30 min - 2hr) - JIM / DAVE
- ① - TIMING MASTER GPS REFERENCE SWAP MAY NEED TO RESTART ALL → SETTINGS!
(30 min - 2hr) - RICHARD / JIM / DAVE
(AFTER 6a) FRONT ENDS
- ④ - SUS AUX MODEL UPGRADE FOR ESD MON - DAQ RETART
- ② - INSTALL EX LVLN ESD DRIVER
(2hr) - RICHARD / FIL → BIO / REMOTE SWIRLING / HY DRIVER RAILS
TOTALLY CHANGES
- ④ - PI MODEL INSTALL EX - DAQ RESTART
(5min) - DAVE / JIM
- ③ - POWER CYCLE NETWORK SWITCH for FE
(5min) - DAVE / JIM → WORKSTATIONS DISAPPEAR BRIEFLY
- ③ - REBOOT CONLOG MACH, ETICS, GATEWAY MACH, → SCREENS GO WHITE BRIEFLY
(5min) GUARDIAN (NODE RESTARTS NEEDED ANYWAYS)
- DAVE / JIM
- ② - UPGRADE BIOS ON NEW END STATION SUS FRONT ENDS. - KILLS END STATION SUS AND ISL COMPUTERS
(1 hr) - DAVE / JIM
- ⑤ - FIX COMMUNICATION FIBER HARDWARE FOR LPAS → LPAS TAPE DATA IS CORRUPTED BRIEFLY
- ④ - PEM ACCELEROMETERS INTO MIDSTATION PEM MODELS
- DAVE / JIM L DAQ RESTART
- ① - CORNER STATION HEP1 PUMP REPAIR
(30 min) - HUGH
- ②-3 - PEM EY SENSOR CALIBRATIONS
(30 min) - JORDAN / VINNY / KATE
- ③ - PEM / COSMIC RAY DETECTOR CABLE → POTENTIAL TRS X LASER TRIP
(2 hr) PULLING - JORDAN / VINNY / FIL

AUG 10 CODE FREEZE

(ABSOLUTELY NECESSARY CHANGES POSSIBLE, JUST MUST BE REVIEWED WORK PERMIT, AND BE PREPARED

AUG 17 ERS START
("ANNEALING" - OBSERVING OF THE IFO IS SOLIDIFIED ON > 70% DUTY CYCLE)

AUG 24 CALIBRATION FOCUS
AUG 28 "INVASIVE" NON-FULL CONFIGURATIONS
ANNEALING RESUMES.

SEPT 14 OBSERVING RUN

THUR? PSL ISS TRANSIMP AMP UPGRADE
PSL PSS ELECTRONICS UPGRADE? H2/H4 TRIPS LIKE
PSL PMC ALIGNMENT

TUES JULY 28 QUAD MODEL REPAIR
ESD REMOTE RESTART & MONITORING CABLE INSTALL
RCG 2.9.6 UPGRADE