

D. LHO O4 Break Plan as of JAN 8, 4:45pm	Blue = VAC maneuvers for ease of seeing large activities		
HAM6, HAM8, EX, NOW W/ HAM3 AND HAM7 expanded	Red = Other interactions needing coord with Cranes/lasers		
Alignment using SQZ beam			
Schedule			
Prep Cleanrooms, Clean HAM3, 6, 7 chambers, rooms ON, 1st/2nd cleanings, lock HEPIs, stow port hardware, prep areas	JAN 16 (Tues)	2d	
VAC RGA scans, Purge air on, Close GV 5, 7 &2, close FC GVs, Vent Relay Tube, Remove Relay Tube, Vent Corner, HAM6, HAM7		2-3d	West Bay crane Doors Crane Cleanroom over QUAD containers
Doors OFF HAM6 +X, -X		1d	EX & EY PCAL TX/RX maintenance Laser Haz ENDS
Doors OFF HAM7 +X, -X		1d	Map L/VEA IAS/FARO
Prep EX Cleanrooms		1d	
Finish VAC work to vent/open, platforms (rollover from week before)	JAN 22	4hr	Retreive BSC8 Spare Feedthrus off chamber
Regain control of all SUS, in-air SQZ beam checks/locks		4hr	LVEA Laser Haz all week
Set irises using SQZ beam (500uW to HAM6 from Sqz) in HAM6 & 7		4hr	
HAM6 - Prep/Swap OMC, set OSEMIs, cables, suspend, TFs, Realign OMC, reinstall baffles, ISI checks closeout		4d	EY - Wind Fence Repair
Swap TCS CO2X Laser		2d	Crane/Open QUAD containers and unload
Vent EX		1d	Remove single unused 12" adapter port BSC5 EX
EX SLiC work, open/close some ports		1d	alog 60376, SLiC scope
Start EX Pump Down		1d	
Door OFF HAM3 West	JAN 29	4hr	LVEA Laser SAFE all week
HAM3 - MCA & MCB2 Baffle rework, check ISI, SUS		3d	SLiC scope
Door ON HAM3 West		1d	Map L/VEA IAS/FARO
HAM6 Ground Loop checks, ISC checklist, troubleshooting			
EX pumpdown con't		2d	Crane 3IFO Piers from HAM12 out of LVEA to MX/MY
HAM7 laser safe in-chamber work			
HAM7 - ZM4 & ZM5 PSAMs range offloading, realign, SQZ work (Las Haz), checks ISI, SUS for closeout (maybe early start week before)	FEB 5	3.5d	PSAMs E2300463
Finish HAM6 & HAM7, check SQZ beam, remove irises		4hr	LVEA Laser Haz early in the week
Doors ON HAM6 +X, -X		1d	Crane inspections, End/Mids MON TUES, then LVEA
NCAL work EX, BRS repair/update - M.Ross here FRS 14311			FIRE DEPT Burning along X-Arm all month
Start Corner Pump Down(s)	FEB 12	1.5d	Forklift to HAM8 for door
Doors ON HAM7 +X, -X		1d	Map L/VEA IAS/FARO
Start HAM7 Pump down (small GVs, etc)		1d	
Vac work - Rebuild new Relay Tube, pump Relay, pump FCA		2d	FIRE DEPT Burning along X-Arm all month
SQZ PMC in-air table work, alignment/commission		5d	New SQZT0 - PMC , Local Laser Haz, no work at height Move SQZ table away from HAM8
CDS Network Switch Core swap	FEB 19	5d	Network core switch work (~1week, blind to FEs and control stations) Lasers could go down
20bit installs		2d	DAC card updates - priority list 73518 - TBD
VAC work - Vent, Open HAM8 (+Y door only, -X 12" access port)		1d	
HAM8 - Swap broken GS13 sensor		2d	
VAC work - Close, pump HAM8 (+Y door only, -X 12" access port)		1d	FIRE DEPT Burning along X-Arm all month
Vac Work - Leak checking everywhere	FEB 26		Crane ISI over BT if time still available
Gate Valves Open, Commissioning start	~MAR 4		Commission to work through list https://docs.google.com/document/d/1P6JXVV_bhdN2M5k2PLoa0tu-AmY-PiC98zZ0nzBIJ2l/edit#heading=h.us7ld7jh1cgk
Commissioning Continued	MAR 11		Commission to work through list above
ER-O4b Start (MON)	MAR 18		
O4b Start (MON)	APR 1		
HAM8 Pump down in ~1week			
HAM7 Pump down in ~2 weeks			
EX Pump down ~2 weeks			
Corner Pump down ~3 weeks			