

	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		Duration Est	Concurrent	Non in-chamber work
	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
	Doors OFF HAM6 +X, -X		1d		Crane Cleanroom over QUAD containers
	Doors OFF HAM7 +X, -X		1d		EX & EY PCAL TX/RX maintenance Laser Haz ENDS
	Prep EX Cleanrooms			1d	Map L/VEA IAS/FARO
	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 OSEMs, 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				Crane ISI over BT if time still available
		FEB 26			
	Gate Valves Open, Commissioning start	~MAR 4			Commiss to work through list https://docs.google.com/document/d/1P6JXVV_bhdN2M5k2PLoa0tu-AmY-PiC98zZ0nzBIJ2I/edit#heading=h.us7ld7jh1cgk
	Commissioning Continued	MAR 11			Commiss 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				