

FY23 LDL Calendar

MTW 3rd Quarter

3rd Quarter

Revision 11 June 13, 2023

MTW OPAL

3rd Quarter

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI (Operations)	Sub-Systems
3-Apr-23			BC			Operational Joint-Baseline Campaign	M.Spilatro (IB)	TBWP, CLARA, OPCPA, RA, DA, MTW GCC
10-Apr-23			Maint			Maintenance (Prep for THz)	I. Begishev (IB)	STC
17-Apr-23			Maint			Maintenance (CLARA REPAIR)	I Begishev (IB,BC)	TBWP, CLARA
24-Apr-23 OUG			MTW THz			Terahertz Development	G. Bruhaug (IB,CM)	TBWP, CLARA, OPCPA, RA, DA, MTW GCC, STC
1-May-23			NPC			Nonlinear Pulse Compression Prep.	S.W Bahk (IB)	TBWP, CLARA, OPCPA, MTW GCC
8-May-23 CLEO			Maint			Maintenance (Laser Interlocks) (Booster Fan)	C. Mileham	Lasers Off
15-May-23			1W Cont			MTW Contrast at 1W	S.Bucht (IB)	TBWP, CLARA, OPCPA, RA, DA, MTW GCC
22-May-23			1W Cont			MTW Contrast at 1W	S.Bucht (IB)	TBWP, CLARA, OPCPA, RA, DA, MTW GCC
29-May-23	Holiday		Maint			Maintenance (eScatter Vacuum Tests)	C. Mileham (BC)	
5-Jun-23			PSLIM Dev			PSLIM Development (Prep for eScatter)	S-W Bahk (BC)	OPCPA
12-Jun-23			SHG-fs			SHG with fs pulses	J. Pigeon (IB,JS)	CLARA, OPCPA, RA, DA, UDP
19-Jun-23	Holiday		SHG-fs			SHG with fs pulses	J. Pigeon (IB,JS)	CLARA, OPCPA, RA, DA, UDP
26-Jun-23			MTW THz			Terahertz Development	G. Bruhaug (IB,CM)	TBWP, CLARA, OPCPA, RA, DA, MTW GCC, STC

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI (Operations)	Sub-Systems
3-Apr-23			BC			Operational Joint-Baseline Campaign	M.Spilatro (RR)	UFE, CLARA, N4, N5 amp OPAL GCC
10-Apr-23			CDCP			Contrast at DCP	B. Webb (RR,BW)	UFE, CLARA, N4
17-Apr-23			CDCP			Contrast at DCP	B. Webb (RR,BW)	UFE, CLARA, N4
24-Apr-23 OUG	****		Maint			Maintenance (**** Dehumidifier Work) (N4 and COS Alignment)	S. Bucht (RR)	UFE, CLARA, N4
1-May-23			Maint			Maintenance	R.Roides (RR)	
8-May-23 CLEO			Maint			Maintenance (Laser Interlocks) (UDP Booster Fan)	C. Mileham	Lasers Off
15-May-23			Maint			Maintenance (N3 Pump/Nano-Tec)	R.Roides (RR)	
22-May-23			CDCP			Contrast at DCP	B. Webb (RR,BW)	UFE
29-May-23	Holiday		Maint			Maintenance (Double Pass Amp)	R.Roides (RR)	
5-Jun-23			SHG-fs			SHG with fs pulses	J. Pigeon (SB,RR,BW)	UFE, CLARA, N4, N5 amp OPAL GCC
12-Jun-23			SHG-fs			SHG with fs pulses	J. Pigeon (SB,RR,BW)	UFE, CLARA, N4, N5 amp OPAL GCC
19-Jun-23	Holiday		SHG-fs			SHG with fs pulses	J. Pigeon (SB,RR,BW)	UFE, CLARA, N4, N5 amp OPAL GCC
26-Jun-23			Maint			Maintenance SPDP Install (Controls Enclosure Install)	C. Mileham (RR)	Lasers Off

	Maint & Reconfiguration
	Laser Development
	Experiment Spherical Target Chamber
	Experiment UDP Target Chamber
	Experiment Other
	Baseline Campaign
	Joint Facility Efforts

Standard LDL Sub-systems

TBWP- Time Bandwidth Product Laser
 CLARA- Crystal Large Aperture Ring Amplifier
 OPCPA- Optical Parametric CPA
 RA- Rod Amplifier
 DA- Disk Amplifier
 MTWGCC-MTW Compression Chamber
 STC- Spherical Target Chamber
 UDPTC- Under Dense Plasma Target Chamber
 UDPE- Under Dense Plasma Laser
 N5 Pump- Pump for NOPA 5

Standard LDL Annex Sub-systems

UFE- Ultra Broadband Front End
 CLARA- Crystal Large Aperture Ring Amplifier
 N4- NOPA4
 OI- OPAL Idler
 RSC- Raman Seed Compressor
 N5 seed- NOPA5 seed unamplified
 N5 amp- NOPA5 amplified
 OPAL GCC- OPAL Compression Chamber
 DCP- Diagnostic compressor package