

LDL
1st Quarter

1st Quarter

FY23 LDL Calendar

Revision 5 Dec 19, 2022

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI (Operations)	Sub-Systems
3-Oct-22			Redwood Upgrade			Redwood Upgrade	Joe DiVincenzo	
10-Oct-22			5W			5W	I. Begishev (IB)	CW Beam
17-Oct-22 APS			5W			5W	I. Begishev (IB)	CW Beam
24-Oct-22			Maint			Maintenance	I. Begishev (IB)	
31-Oct-22			Maint			Maintenance	I. Begishev (IB)	Prep for NPC
7-Nov-22			NPC			Nonlinear Pulse Compression	S.W Bahk (IB)	TBWP, CLARA, OPCPA, RA, DA, MTW GCC
14-Nov-22			SCI			SCI Development	C. Stoeckl (IB,CM)	TBWP, CLARA, OPCPA, RA, DA, MTW GCC, STC
21-Nov-22			Maint	Holiday	Holiday	Maintenance	I. Begishev (IB)	
28-Nov-22			R8			Raman 8	J. Shaw (IB,JS)	TBWP, CLARA, OPCPA, RA, DA, MTW GCC, UDPE, UDPTC Special Eyewear
5-Dec-22			R8			Raman 8	J. Shaw (IB,JS)	TBWP, CLARA, OPCPA, RA, DA, MTW GCC, UDPE, UDPTC Special Eyewear
12-Dec-22			R8			Raman 8	J. Shaw (IB,JS)	TBWP, CLARA, OPCPA, RA, DA, MTW GCC, UDPE, UDPTC Special Eyewear
19-Dec-22			Maint			Maintenance FLUX Testing	I. Begishev (IB)	
26-Dec-22	Holiday		Maint			Holiday-Maintenance	I. Begishev (IB)	

	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

LDL Annex
1st Quarter

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI (Operations)	Sub-Systems
3-Oct-22			Redwood Upgrade			Redwood Upgrade	Joe DiVincenzo	
10-Oct-22			Maint			Maintenance	R. Roides (RR)	
17-Oct-22 APS			Maint			Maintenance	R.Roides (RR)	
24-Oct-22			BC			OPAL-Baseline Campaign (Diagnostic Baseline)	R. Roides/ S. Bucht (RR)	UFE, CLARA, N4
31-Oct-22			CDCP			Contrast at DCP	B. Webb (RR,BW)	UFE, CLARA, N4
7-Nov-22			CDCP			Contrast at DCP	B. Webb (RR,BW)	UFE, CLARA, N4
14-Nov-22			GST			GCC Spatial Temporal	S.W Bahk (RR)	UFE, CLARA, N4, OPAL GCC
21-Nov-22			Maint	Holiday	Holiday		R. Roides (RR)	
28-Nov-22			R8			Raman 8	J. Shaw (SB,BW)	UFE, CLARA, N4, OI, RSC, OPAL GCC Special Eyewear
5-Dec-22			R8			Raman 8	J. Shaw (SB,BW)	UFE, CLARA, N4, OI, RSC, OPAL GCC Special Eyewear
12-Dec-22			R8			Raman 8	J. Shaw (SB,BW)	UFE, CLARA, N4, OI, RSC, OPAL GCC Special Eyewear
19-Dec-22			CDCP			Contrast at DCP	B. Webb (RR,BW)	UFE, CLARA, N4
26-Dec-22	Holiday		Maint			Holiday-Maintenance	C.Jeon	

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

MTW
2nd Quarter

MTW-OPAL
2nd Quarter

2nd Quarter

Week Starting	mon	tue	wed	Thur	Fri	Campaign(s)	PI (Operations)	Sub-Systems
2-Jan-23	Holiday		Maint			Maintenance	I. Begishev (IB)	
9-Jan-23			GLX Base		Sequoia	GLX Baseline	I. Begishev (IB)	TBWP
16-Jan-23	Holiday		1W Cont			MTW Contrast at 1W	I. Begishev (IB)	TBWP, CLARA, OPCPA, RA, DA, MTW GCC
23-Jan-23			R9			Raman 9	J. Shaw (IB,JS)	TBWP, CLARA, OPCPA, RA, DA, MTW GCC, UDPE, UDPTC Special Eyewear
30-Jan-23			R9			Raman 9	J. Shaw (IB,JS)	TBWP, CLARA, OPCPA, RA, DA, MTW GCC, UDPE, UDPTC Special Eyewear
6-Feb-23			R9			Raman 9	J. Shaw (IB,JS)	TBWP, CLARA, OPCPA, RA, DA, MTW GCC, UDPE, UDPTC Special Eyewear
13-Feb-23			Maint			Maintenance	I. Begishev (IB)	
20-Feb-23			2w on MTW			High Contrast 2W on MTW	I. Begishev (IB)	TBWP, CLARA, OPCPA, RA, DA, MTW GCC
27-Feb-23			2w on MTW			High Contrast 2W on MTW	I. Begishev (IB)	TBWP, CLARA, OPCPA, RA, DA, MTW GCC
6-Mar-23			2w on MTW			High Contrast 2W on MTW	I. Begishev (IB)	TBWP, CLARA, OPCPA, RA, DA, MTW GCC
13-Mar-23			Maint		Redwood	Maintenance (MTW GCC Turbo)	I. Begishev (IB)	
20-Mar-23			Maint			Maintenance (Rewood Migration Testing)	I. Begishev (IB)	
27-Mar-23			NPC			Nonlinear Pulse Compression	S.W Bahk (IB)	TBWP, CLARA, OPCPA, RA, DA, MTW GCC

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

TBWP- Time Bandwidth Pro

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

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI (Operations)	Sub-Systems
2-Jan-23	Holiday		Maint			Maintenance	R.Roides (RR)	
9-Jan-23			CAD		Sequoia	COS Alignment Diag	S. Bucht (SB, MS)	UFE, CLARA, N4
16-Jan-23	Holiday		Maint			Maintenance	R.Roides (RR)	
23-Jan-23			R9			Raman 9	J. Shaw (SB,BW)	UFE, CLARA, N4, OI, RSC, OPAL GCC Special Eyewear
30-Jan-23			R9			Raman 9	J. Shaw (SB,BW)	UFE, CLARA, N4, OI, RSC, OPAL GCC Special Eyewear
6-Feb-23			R9			Raman 9	J. Shaw (SB,BW)	UFE, CLARA, N4, OI, RSC, OPAL GCC Special Eyewear
13-Feb-23			Maint			Interlocks	C Mileham (SB, RR)	Lasers Off
20-Feb-23			Maint			Maintenance (NOPA2/3 Pump Repair)	R.Roides (RR)	
27-Feb-23			CDCP			Contrast at DCP	B. Webb (RR,BW)	UFE, CLARA, N4
7-Mar-23			CDCP			Contrast at DCP	B. Webb (RR,BW)	UFE, CLARA, N4
14-Mar-23			Maint		Redwood	Maintenance (OHRV Support)	R. Roides (RR)	
20-Mar-23			Maint			Maintenance (N3Pump/N4A Damage)	R.Roides (RR)	
27-Mar-23			DM Test			Deformable mirror test	C. Jeon (RR,BW,MS)	UFE, CLARA, N4

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

MTW

3rd Quarter

FY23 LDL Calendar

Revision 11 June 13, 2023

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 OLUG			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

	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

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 (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 OLUG	****		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

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

4th Quarter

MTW
4th Quarter

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI (Operations)	Sub-Systems
3-Jul-23		Holiday	Maint			Maintenance	I. Begishev	
10-Jul-23			CML			CML	S. Bucht (IB)	
17-Jul-23			Maint			Maintenance (set-up for iSNAP)	S. Bucht (IB)	
24-Jul-23			iSNAP			In-Situ Nuclear Activation Products	C. Forrest (IB,CM)	TBWP, CLARA, OPCPA, RA, DA, MTW GCC, STC
31-Jul-23			Sid 4			Sid 4 Measurements (PHAROS Installation)	J. Shaw (IB,JS)	
7-Aug-23			MTW THz			Terahertz Development	G. Bruhaug (IB,CM)	TBWP, CLARA, OPCPA, RA, DA, MTW GCC, STC
14-Aug-23			R10			Raman 10	J. Shaw (IB,JS)	CLARA, OPCPA, RA, DA, MTW GCC, UDPE, UDPTC Special Eyewear
21-Aug-23			R10			Raman 10	J. Shaw (IB,JS)	CLARA, OPCPA, RA, DA, MTW GCC, UDPE, UDPTC Special Eyewear
28-Aug-23			R10			Raman 10	J. Shaw (IB,JS)	CLARA, OPCPA, RA, DA, MTW GCC, UDPE, UDPTC Special Eyewear
4-Sep-23	Holiday		Maint			Maintenance (HTS Crate B Down - 2 days)	I. Begishev	
11-Sep-23			NPC			Nonlinear Pulse Compression	S.W Bahk (IB)	TBWP, CLARA, OPCPA, MTW GCC
18-Sep-23			eSCATTER			eScatter	T.Raymond (IB,CM)	TBWP, CLARA, OPCPA, RA, DA, MTW GCC, STC
25-Sep-23			MTW THz			Terahertz Development	G. Bruhaug (IB,CM)	TBWP, CLARA, OPCPA, RA, DA, MTW GCC, STC

	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

FY23 LDL Calendar

MTW OPAL
4th Quarter

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI (Operations)	Sub-Systems
3-Jul-23		Holiday	Maint			Maintenance (Mid-Lift Cabling Install)	C. Mileham	Lasers Off
10-Jul-23			Maint			Maintenance (Controls Cabinet Commissioning)	C. Mileham	Lasers Off
17-Jul-23			Maint			Maintenance (Laser Interlocks)	C. Mileham	Lasers Off
24-Jul-23		2w on OPAL				2w on OPAL	S-W Bahk (SB,BW)	UFE, CLARA, N4
31-Jul-23			CDCP			Contrast at DCP	B. Webb (RR,BW)	UFE, CLARA, N4
7-Aug-23			Maint			Maintenance	R.Roides (RR)	
14-Aug-23			R10			Raman 10	J. Shaw (IB,RR,SB,JS)	UFE, CLARA, N4, OI, RSC, OPAL GCC Special Eyewear
21-Aug-23			R10			Raman 10	J. Shaw (IB,RR,SB,JS)	UFE, CLARA, N4, OI, RSC, OPAL GCC Special Eyewear
28-Aug-23			R10			Raman 10	J. Shaw (IB,RR,SB,JS)	UFE, CLARA, N4, OI, RSC, OPAL GCC Special Eyewear
4-Sep-23	Holiday		Maint			Maintenance	S. Bucht (RR)	
11-Sep-23			CDCP			Contrast at DCP (Raman Seed Optic Removal)	B. Webb (RR,BW)	UFE, CLARA, N4 (Possibly No CLARA/N4)
18-Sep-23			CDCP			Contrast at DCP (Raman Seed Optic Removal)	B. Webb (RR,BW)	UFE, CLARA, N4 (Possibly No CLARA/N4)
25-Sep-23			Maint			Maintenance (AVC Roughing Install)	M. Spilatro	Lasers Off

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
 CDCP- Diagnostic compressor package