

MTW
3rd Quarter

FY24 MTW Facility Calendar

Revision 6 June 17, 2024

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign (Additional Activities)	PI (Additional Support)	Sub-Systems (Key Vacations)
1-Apr-24		eSCATTER				eScatter	T.Raymond (IB,CM)	TBWP, CLARA, OPCPA, RA, DA, MTW GCC, STC
8-Apr-24		eSCATTER				eScatter	T.Raymond (IB,CM)	TBWP, CLARA, OPCPA, RA, DA, MTW GCC, STC
15-Apr-24 OLUG			Maint			Maintenance	I. Begishev	
22-Apr-24		F LBO				Fused LBO	C. Dorrer (IB,RC)	TBWP, CLARA
29-Apr-24	DC		Maint			LDL Deep Clean (CW to UDP)	I. Begishev	Lasers Off Monday CW to UDP T-F
6-May-24		LWFA Prep				Laser Wakefield Acceleration Prep	M.V. Ambat	CLARA, OPCPA, RA, MTW GCC, UDPTC
13-May-24		LWFA prep				Laser Wakefield Acceleration Prep	M.V. Ambat	CLARA, OPCPA, RA, MTW GCC, UDPTC
20-May-24			Maint			Maintenance (UDP Extend Work)	I. Begishev	Lasers Off Thursday (IB)
27-May-24	Holiday		Maint			Maintenance	I. Begishev	(IB)
3-Jun-24		LWFA Prep				Laser Wakefield Acceleration Prep	M.V. Ambat	CLARA, OPCPA, RA, MTW GCC, UDPTC
10-Jun-24		MCA				MTW Compressor Alignment	I. Begishev	TBWP, CLARA, OPCPA, MTW GCC, STC
17-Jun-24			Holiday			MTW Compressor Alignment	I. Begishev	TBWP, CLARA, OPCPA, MTW GCC, STC
24-Jun-24		LWFA				Laser Wakefield Acceleration	M.V. Ambat	MTW SE, UDPTC

	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 (Additional Activities)	PI (Additional Support)	Sub-Systems (Key Vacations)
1-Apr-24		DP CLARA Align				DP CLARA Alignment	R.Roides (ND)	UFE, CLARA
8-Apr-24		DP CLARA WO				DP CLARA Wavefront Optimization	C.Feng (RR, CD, ND)	UFE, CLARA
15-Apr-24 OLUG		DP CLARA ER				DP CLARA Energy Ramp (CW to UDP prep)	C.Feng (CD, ND)	UFE, CLARA
22-Apr-24		DP CLARA ER				DP CLARA Energy Ramp (CW to UDP prep)	C.Feng (CD, ND)	UFE, CLARA (SB)
29-Apr-24		DC	Retro Inv			Retro Investigation Apodizer Fabrication LDL Annex Deep Clean	C. Feng	Lasers Off Tuesday (RR)
6-May-24		DP CLARA ER				DP CLARA Energy Ramp (CW Alignment to UDP)	C.Feng (CD, ND)	UFE, CLARA (RR,CD)
13-May-24		DP CLARA ER				DP CLARA Energy Ramp	C.Feng (RR, CD, ND)	UFE, CLARA
20-May-24		DP CLARA WC				DP CLARA Wavefront Characterization	C.Feng (RR, ND)	UFE, CLARA Lasers Off Monday
27-May-24	Holiday	DP CLARA SHG				DP CLARA Second Harmonic Gen.	C.Feng (RR, SB, ND)	UFE, CLARA
3-Jun-24		BC				Baseline Campaign	S. Bucht (RR)	UFE, CLARA, N4
10-Jun-24		GLX Align				GLX Alignment	R. Roides (ND)	UFE, CLARA, N4
17-Jun-24			Holiday			Baseline Campaign	S. Bucht (RR)	UFE, CLARA, N4
24-Jun-24		BC				Baseline Campaign	S. Bucht (RR)	UFE, CLARA, N4

Standard LDL Annex Sub-systems
UFE- Ultra Broadband Front End
CLARA- Crystal Large Aperture Ring Amplifier
N4- NOPA4
N5 seed- NOPA5 seed unamplified
N5 amp- NOPA5 amplified
OPAL GCC- OPAL Compression Chamber
DCP- Diagnostic compressor package
PCC- Pulse Conditioning Chamber
AVC- Auxillary Vacuum Chamber