

LDL 2nd Quarter

FY21 LDL Schedule

LDL Annex 2nd Quarter

Revision 6 March 15, 2021

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI	Sub-Systems (Maint. Activities)
28-Dec-20			Maint.		Holiday	Maintenance	I. Begishev	(UDP-E, OAP Testing, PCU Room LDL Laser/Door Interlocks)
4-Jan-21			Maint.			Maintenance	I. Begishev	
11-Jan-21			TXD (Spherical)			Talbot-Lau X-ray Deflectometry	P. Valdivia	TBWP, CLARA, OPCPA, RA, DA, MTW GCC, STC
18-Jan-21	Holiday		THz (Spherical)			Terahertz Diagnostic Development	G. Bruhaug	TBWP, CLARA, OPCPA, RA, DA, MTW GCC, STC
25-Jan-21			THz (Spherical)			Terahertz Diagnostic Development	G. Bruhaug	TBWP, CLARA, OPCPA, RA, DA, MTW GCC, STC
1-Feb-21			Seed Alignment (UDP)			Seed Alignment	S. Bucht/J. Shaw	UDPTC Special Laser Eyewear
8-Feb-21			RSI 1 (UDP)			Raman Seed Integration 1	S. Bucht/J. Shaw	OPCPA, MTWGCC, UDPTC Special Laser Eyewear
15-Feb-21			RSI 1 (UDP)			Raman Seed Integration 1	S. Bucht/J. Shaw	OPCPA, MTWGCC, UDPTC Special Laser Eyewear
22-Feb-21			NOPA5 (N5 Table)			NOPA 5 Efficiency	I. Begishev	CLARA, RA, DA, N5 Pump
1-Mar-21			N5 PWT (N5 Table)			N5 Pump Wavefront Transfer	SW Bahk	CLARA, RA, DA, N5 Pump
8-Mar-21			PWCC			Pulse Width Control and Characterization	I. Begishev	
15-Mar-21			PWCC			Pulse Width Control and Characterization	I. Begishev	
22-Mar-21			RA 1 (UDP)			Raman Amplification 1	J. Shaw/S. Bucht	TBWP, CLARA, OPCPA, RA, DA MTWGCC, UDPE, UDPTC Special Laser Eyewear

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI	Sub-Systems (Maint. Activities)
28-Dec-20			Maint.		Holiday	Maintenance		
4-Jan-21			Maint.			Maintenance	B. Webb/C. Feng	(GCC Upgrade + NOPA4)
11-Jan-21			Maint.			Maintenance	B. Webb/C. Feng	(GCC Upgrade + NOPA4)
18-Jan-21	Holiday		GCC Qual (OPAL GCC)			GCC Qualification	Ben	
25-Jan-21			DCP (DCP)			DCP Contrast Measurement	C. Feng	UFE, CLARA, N4, DCP
1-Feb-21			Seed Alignment (UDP)			Seed Alignment	S. Bucht/J. Shaw	OPAL GCC
8-Feb-21			RSI 1 (UDP)			Raman Seed Integration 1	S. Bucht/J. Shaw	UFE, CLARA, N4, OI OPAL GCC, RSC Special Laser Eyewear
15-Feb-21			RSI 1 (UDP)			Raman Seed Integration 1	S. Bucht/J. Shaw	UFE, CLARA, N4, OI OPAL GCC, RSC Special Laser Eyewear
22-Feb-21			NOPA5 (N5 Table)			NOPA 5 Efficiency	I. Begishev	UFE, CLARA, N4, N5 amp
1-Mar-21			N5 PWT (N5 Table)			N5 Pump Wavefront Transfer	SW. Bahk	UFE, CLARA, N4, N5 amp (GCC HW Integration)
8-Mar-21			Maint.			Maintenance	R. Roides	(UFE, CLARA, N4) (GCC HW Integration)
15-Mar-21			DCP (DCP)			DCP Compression and Contrast	C. Feng	UFE, CLARA, N4, DCP (GCC HW Integration)
22-Mar-21			RA 1 (UDP)			Raman Amplification 1	J. Shaw/S. Bucht	UFE, CLARA, N4, OI OPAL GCC, RSC Special Laser Eyewear

	Maint & Reconfiguration
	Laser Development
	Experiment Spherical Target Chamber
	Experiment UDP Target Chamber
	Experiment Other
	Contingency
	Joint Facility Effort (Hashed over color)

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 Grating 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- NOPA 5 seed unamplified
 N5 amp- NOPA 5 amplified
 OPAL GCC- OPAL Compression Chamber
 DCP- Diagnostic compressor Package