

LDL
3rd Quarter

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FY21 LDL Schedule

Revision 10 June 11, 2021

LDL Annex
3rd Quarter

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI	Sub-Systems (Maint. Activities)
29-Mar-21			RA1 (UDPTC)			Raman Amplification 1	J. Shaw/S.Bucht	TBWP, CLARA, OPCPA, RA, DA, MTW GCC, UDPE, UDPTC Special Eyewear
5-Apr-21	Maint			Prep for N5PWT		Prep for N5 Pump Wavefront Transfer	I.Begishev	(N5 Pump)
12-Apr-21			N5PWT (N5 Table)			N5 Pump Wavefront Transfer	SW. Bahk	CLARA, RA, DA, N5 pump
19-Apr-21			2WC (MTW GCC)			2W Contrast Measurements	I. Begishev	TBWP, CLARA, OPCPA, RA, DA, MTW GCC
26-Apr-21			2WC (MTW GCC)			2W Contrast Measurements	I. Begishev	TBWP, CLARA, OPCPA, RA, DA, MTW GCC
3-May-21			2WC (MTW GCC)			2W Contrast Measurements	I. Begishev	TBWP, CLARA, OPCPA, RA, DA, MTW GCC
10-May-21			THz (STC)			Terahertz Diagnostic Development	G. Bruhaug	TBWP, CLARA, OPCPA, RA, DA, MTW GCC, STC
17-May-21			Maint			TBWP Repair	I. Begishev	
24-May-21			Maint			TBWP Repair	I. Begishev	
31-May-21			Maint		THz	Terahertz Diagnostic Development	G. Bruhaug	TBWP, CLARA, OPCPA, RA, DA, MTW GCC, STC
7-Jun-21				Prep for RA			I. Begishev	
14-Jun-21			RA 2 (UDPTC)			Raman Amplification 2	J. Shaw/S.Bucht	TBWP, CLARA, OPCPA, RA, DA, MTW GCC, UDPE, UDPTC Special Eyewear
21-Jun-21			RA 2 (UDPTC)			Raman Amplification 2	J. Shaw/S.Bucht	TBWP, CLARA, OPCPA, RA, DA, MTW GCC, UDPE, UDPTC Special Eyewear

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI	Sub-Systems (Maint. Activities)
29-Mar-21			RA1 (UDPTC)			Raman Amplification 1	J. Shaw/S.Bucht	UFE, CLARA, N4 amp, OI, OPAL GCC Special Eyewear
5-Apr-21	Maint			Prep for N5PWT		Prep for N5 Pump Wavefront Transfer	I. Begishev/ B. Webb	(N5 Pump) (GCC Re-qualification)
12-Apr-21			N5PWT (N5 Table)			N5 Pump Wavefront Transfer	SW. Bahk	UFE, CLARA, N4 Amp, N5 Amp
19-Apr-21			Maint.			UFE and NOPA 4 maint	R. Roides	(UFE, CLARA, N4)
26-Apr-21			GCC OPT (GCC)			GCC Optimization	B.Webb	UFE, CLARA, N4 Amp
3-May-21			RSCO (RSC)			Raman Seed Compression Optimization	S. Bucht	UFE, CLARA, N4, OI, RSC
10-May-21			RSCO (RSC)			Raman Seed Compression Optimization	S. Bucht	UFE, CLARA, N4, OI, RSC
17-May-21			N4CWC (CLARA)			N4 CLARA Wavefront NF/FF Phase Retrieval	C. Feng	CLARA
24-May-21			N4CWC (CLARA)			N4 CLARA Wavefront Characterization with New Probe Beam	C. Feng	CLARA
31-May-21			Maint.			UFE and NOPA 4 maint	R. Roides	(UFE, CLARA, N4)
7-Jun-21			Prep for FEC (OPAL GCC)			Preparations for Full Energy Contrast	B. Webb	UFE, CLARA, N4, N5 amp OPAL GCC
14-Jun-21			RA 2 (UDPTC)			Raman Amplification 2	J. Shaw/S.Bucht	UFE, CLARA, N4, OI, RSC, OPAL GCC Special Eyewear
21-Jun-21			RA 2 (UDPTC)			Raman Amplification 2	J. Shaw/S.Bucht	UFE, CLARA, N4, OI, RSC, OPAL GCC Special Eyewear

	Maint & Reconfiguration
	Laser Development
	Experiment Spherical Target Chamber
	Experiment UDP Target Chamber
	Experiment Other
	Contingency
	Joint Facility Efforts (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 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