

FY24 Omega Schedule

OMEGA

4th Quarter

Rev. 26, 12 July 2024

OMEGA EP

4th Quarter

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI	No. shots
1-Jul-24				Holiday		Maintenance Week		
8-Jul-24	BWA PB <small>P9 to 3w</small>	Laser	PB	DT Cryo <small>60 SG5</small>		Cryo-Optimization-24D	J. Knauer	11
15-Jul-24		HaP <small>20 none</small>	Pcryo MAT <small>6 SG8-Flat</small>	D2 OSE <small>60 SG5</small>		MultiModelInt-24B H2Ice-24B MLYieldOptimization-24B	P. Nilson A. Schwemlein C. Forrest	11 11 11
22-Jul-24		LBS <small>59 SG5, 3w</small>	Beam Timing <small>60 SG5, 3w</small>	TNB <small>60 SG5</small>		CBET-Mitigation-24B BeamTiming-Cal-24A BeamletsAbsorption-24A	D. Edgell W. Donaldson D. Turnbull	11 11
29-Jul-24		TNB <small>15 IDI</small>	MAT <small>12 SG8-Flat</small>	NLUF <small>26 IDI</small>	BWA PB <small>P9 to 4w</small>	DSPlanar-24C RamanPhases-24A PumpFluor-24B	M. Huff A. LaPierre C. Krauland	11 11 5.5
5-Aug-24	PB	MPD/DT Cryo <small>60 SG5</small>	MAT <small>32 SG8, 4w</small>	TNB <small>60 SG5</small>		Cryo_FlashFreeze_ReturnShock-24A CuXFS-24B / BeamBending-24A CISfoamImp-24B / HiZ_imp_CIS-24A	C. Forrest Cordova / Bruulsema Peebles / Karasik	11 11 11
12-Aug-24		PRUVS HaP <small>38 None, 4w</small>	H10-H11 APL <small>40 none</small>	DT OSE <small>60 SG5</small>		SpectraThomson-24B APLPD-24A EnergeticNeutrons-24B	E. Marley Davis / King B. Aguirre	11 11 11
19-Aug-24		OSE <small>10 IDI</small>	CEA <small>59 SG5, 4w</small>	MFDS LBS <small>40 PD800</small>	BWA PB <small>P9 to 2w</small>	SolarCellESD-24A CEA_XRSRC-24A BCoilCompress-24B	K. Widmann A. Grolleau M. Bailly-Grandvaux	11 11 11
26-Aug-24	PB	DT Cryo <small>60 SG5</small>	DT NLUF <small>60 SG5</small>	HaP <small>12 IDI</small>	MAT <small>12 IDI</small>	Cryo-Subcool-RbRt1-24A OnionMix-24A XFOL-24B FlyerEOS-24B	C. Stoekli Gatu-Johnson / Reichelt A. Elshafiey F. Coppari	11 11 11 5.5
2-Sep-24	Holiday		NLUF <small>SG5-650, 2w</small>	TNB <small>6 SG5</small>	FLX <small>P9 to 3w</small>	ResistiveB-24A TargetDefects-24B	S. Dannhoff R. Shah	11 11
9-Sep-24	Laser	FLX Target	FLX Target	FLX/GJ TNB <small>12 SG5, 3w</small>	BWA PB <small>P9 to 2w</small>	FLUX-Activation-24A FLUX-Activation-24B FLUX-PumpProbe-24A		11
16-Sep-24	Target	Target	PB	DT Cryo <small>60 SG5-650</small>		Cryo-Optimization-24C	L. Ceurvorst	11
23-Sep-24		NLUF <small>16 none</small>	Pcryo TNB <small>40 SG5</small>	D2 TNB <small>20 none</small>	DRSV <small>30 SG5</small>	Silicates-XRD-24A Cryo-WetFoam-24A JetInD2-24A HybridSpherical-24A	D. Kim M. Rosenberg P. Nilson L. Ceurvorst	11 11 11 5.5

Days per quarter 28.5

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI	No. shots
1-Jul-24				Holiday				
8-Jul-24			Target	HaP 4UV		4UV Timing-EP-24B ModCons-EP-24D	A. Rasmus	7
15-Jul-24		MAT 4UV	TNB 4UV	MAT 4UV		ComplexStructures-EP-24A HybridFoam-EP-24B LantDiff-EP-24A	H. Wadhurawa L. Ceurvorst C. McCoy	7 7 7
22-Jul-24		MAT 4UV	NLUF 4UV	Laser		HydroMix-EP-24A PhotoPlasma-EP-24B TMPS Integration/ Cavity Holdoffs	T. Suer R. Mancini	7 7
29-Jul-24		Laser	Laser	Target		TMPS Activation SPDP Cal SP UV Timing-EP-24D	M. Barczys J. O'Sullivan R. Brown	
5-Aug-24		TNB 2SP	HaP 2SP	HaP 2SP		PlanarFoamImprint-EP-24A Con_Chann-EP-24B UHEDCu-EP-24B	J. Peebles M. VanDusen-Gross A. Raymond	7 7 7
12-Aug-24		TNB 2SP dds	OSE 2SP dds			DNRadio-EP-24A MeVGamma-EP-24A	M. Selwood D. Rusby	7 7
19-Aug-24		TNB 2SP	Laser	Target		ZapImp-EP-24A TMPS Activation Fluence Conditioning	L. Ceurvorst	7
26-Aug-24		MAT SL dds		MAT SL dds		HeatEOS-EP-24B TinPairRT-EP-24B	S. Jiang Y.J. Kim	7 7
2-Sep-24	Holiday		CMAF 4UV	LNet 4UV		DiamondHeat-EP-24B FoamIFES-EP-24B	M. Signor C. Kuranz	7 7
9-Sep-24		LBS 4UV	DRSV 4UV	NLUF 4UV		BMO-EP-24B SP_ShellinFlight-EP-24B SulfXRD-EP-24B	M. Nakajima D. Haberberger D. Shim	7 7 7
16-Sep-24		L Net 4UV	CMAF 4UV	MAT 4UV		QuasarLab-EP-24A H2Reflect-EP-24A ViscPert-EP-24A	D. Riley N. Kabadi H. Pantell	7 7 7
23-Sep-24								

Days per quarter 22

	Maint & Reconfiguration
	Thermonuclear Burn (TNB)
	Materials (MAT)
	Hydrodynamics and Properties (HaP)
	Outputs, Survivability, and Effects (OSE)
	University Basic Science (NLUF)
	CEA
	System Shots- reduced shot crew
	Other
	Reserved - unfunded
	Contingency
	Laboratory Basic Science (LBS)

	Other
	CMAF
	LNET
	APL
	ARPA-E
	DTRA
	Rutherford (RAL)
	OFES
	AWE

Hash shading indicates Joint shots

CP	Co-prop
LC	OMEGA single beam from lower compressor
UC	OMEGA single beam from upper compressor
BL	EP Backlighter single beam (UC or LC)
SL	EP Sidelighter
T-OPA	Tunable OPA
TOP-9	Tunable OPA Joint shots
PB	Power Balance
SSG	Small Signal Gain, F-Cal
BWA	Blast window assembly replacement