

OMEGA
1st Quarter

FY21 Omega Schedule

Rev 16a 22 February 2021

OMEGA EP
1st Quarter

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI	No. shots
28-Sep-20		MIFEDS NLUF 36 PD600	HED 15 IDI	P6-P7 HED 6 SG5	BWA PB	RelEPlasma-J-20A PorousEOS-20B HiResXImagingDev-20B	F. Beg A. Jenei P. Nilson	11 11 11
5-Oct-20	Target	DT Cryo 60 SG5	ICF LBS	HED 14 SG8 Flat		CryoBL-J-20A SuperIonicMix-20B/DiamondMelt-20B FoamXRFTS-20B	C. Stoeckl M. Millot M. MacDonald	11 11 5.5
12-Oct-20		NLUF 60 none	D3He AIBS 25 none	D3He AIBS 5 SG5		MagJetCollision-20A LsrCapCoils-20A-aibs MagRecon-20A-aibs	E. Liang H. Ji W. Fox	11 11 11
19-Oct-20		ICF 5 SG5	Laser	Laser	BWA PB P9-3w	HiResXImagingDev-20C MPD Qualification Energy Transport Study	P. Nilson System Science L. Waxer / J. Knauer	11
26-Oct-20	PB	DT Cryo 60 SG5	LBS 60 SG5	DT HED 60 SG5		Cryo-20K Tbreak-20A EnergeticNeutron-20B	J. Knauer H. Rinderknecht B. Aguirre	11 11 11
2-Nov-20		MIFEDS ARPA-E 40 PD600	NLUF 40 PD600	MIFEDS/GJ ICF 9 SG5/M30	HED 5 SG8	SmallMagLIF-20A BCoilCompress-20A LatHeatTrans-20B' XRDAFS-20A	J. Peebles M. Bailly-Grandvauz Z. Barfield A. Krygier	11 11 5.5 5.5
9-Nov-20 APS		ICF 39 SG5	AIBS 4 SG8	DT NLUF 60 SG5		Revolver-20C XRDEOS-aibs-21A PXTD-20B	B. Scheiner T. Duffy N. Kabadi	11 11 11
16-Nov-20		HED 36 SG5	Gas Jet ICF 5 IDI	ICF 5 SG5	BWA PB	NLTEFormation-20B AuGasJet-20B HiResXImagingDev-20D	D. Bishel G. Swadling P. Nilson	11 11 11
23-Nov-20	PB	DT Cryo 60 SG5		Holiday	Holiday	CryoRtrB-21A	J. Knauer	11
30-Nov-20 CT&F Maint		Joint HED 15 IDI		Target		FoamGrw-J-21A L1 Pointing Study PointL1-21A	D. Martinez J. Kwiatkowski C. Stoeckl	11 11
7-Dec-20 CT&F Maint		Joint LBS 60 SG5-650	Joint Laser	Joint ICF 60 SG5		XPCI-J-21A FSD Calibration NeutronTime-J-21A	W. Theobald C. Stoeckl	11 11
14-Dec-20 CT&F Maint		HED none	D3He ARPA-E 60 SG5	LBS 20 IDI		MShock-20B DDnTOFCalib-21A ExtrDef-21A	K. Flippo J. Davies S. Zhao	11 11 5.5
21-Dec-20 CT&F Maint					Holiday	Cryopump Isolation Cryopump Isolation Cryopump Isolation		

Days per quarter 29

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI	No. shots
28-Sep-20		Joint NLUF dds	Laser	2S+UV LBS		RelEPlasma-J-20A Sheath-Rad-EP-20A	F. Beg N. Lemos	3.5 7
5-Oct-20	Target	DT Cryo 60 SG5		2SP+2UV Marvel		CryoBL-J-20A Marvel-EP-21A	C. Stoeckl C. Stoeckl	3.5 7
12-Oct-20		4UV HED	4UV HED	4UV HED		DbIshkMeltEP-20B PreCompHMixEP-20A AblatorDev-EP-21A	Zaghoo/Crandall S. Duwal R. Smith	7 7 7
19-Oct-20		4UV LBS	4UV NLUF	4UV AIBS		SIXRTS-EP-20A MGO-XRD-EP-20B LDHydroEP-20A-aibs	H. Poole J. Wicks C. Kuranz	7 7 7
26-Oct-20								
2-Nov-20		4UV ICF	4UV HED	4UV HED		HiZcoatingSphereEP-20B StreakDiff-EP-20A ModConsEP-20B	M. Karasik D. Polsin A. Rasmus	7 7 7
9-Nov-20 APS		4UV HED	4UV HED	4UV HED		WDMEOS-EP-20A WDM-DACsEP-20A Materials-Combo-EP-21A	M. Huff G. Tabak F. Coppari	7 7 7
16-Nov-20		Laser	Laser	2SP+2UV Target		SPDP Cal SP UV Timing-EP-21A	J. O'Sullivan R. Brown	
23-Nov-20		2SP+2UV Marvel		Holiday	Holiday	Marvel-EP-21B	M. Schollmeier	7
30-Nov-20		Joint HED	Laser	CoProp ICF dds		FoamGrw-J-21A MeVGammaFrat-EP-21A	D. Martinez D. Rusby	3.5 7
7-Dec-20		Joint LBS	Laser	Joint ICF		XPCI-J-21A FSD Calibration to Omega NeutronTime-J-21A	W. Theobald C. Stoeckl	3.5 3.5
14-Dec-20		4UV Target	4UV NLUF	4UV AIBS		4UV Timing-EP-21A PhotoPlasma-EP-21A DACPlanet-EP-aibs-21A	R. Brown R. Mancini R. Jeanloz	7 7 7
21-Dec-20					Holiday			

Days per quarter 20.5

Red	Maint & Reconfiguration	SSG	Small Signal Gain, F-Cal
Light Blue	ICF LLE	BWA	Blast window assembly replacement
Light Green	Joint Facility Shots	ICF	Inertial Confinement Fusion
Light Purple	ICF LLNL/LANL/SNL/NRL	PB	Power Balance
Light Yellow	HED Stockpile Science	LBS	Laboratory Basic Science
Light Cyan	NLUF	NLUF	University Basic Science
Light Blue-Gray	CEA		
Light Green-Gray	System Shots- reduced shot crew		
Light Yellow-Gray	ARPA-E/DTRA/Rutherford/OFES/LNet/APL/Other		
Light Green-Gray	Reserved - unfunded		
Light Yellow-Gray	Contingency		
Light Blue-Gray	LBS		

Hash shading indicates beams terminating to OMEGA

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