

# OMEGA 1st Quarter

# FY20 Omega Schedule OMEGA EP

1st Quarter

Rev. 27 24 July 2020

1st Quarter

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI	No. shots
30-Sep-19	Laser	Laser	Laser	Laser	BWA PB	MPD Activation HiCops Testing FCC Transmission	L. Waxer K. Bauer S. Sampat	
7-Oct-19	PB	Cryo 60 SG5	DT LBS 60 SG5	DT ICF 60 SG5		Cryo-20A HighTempGamowShift-20A KoDI-dev-20A	J. Knauer O. Mannion H. Rinderknecht	11 11 5.5
14-Oct-19								
21-Oct-19	Laser	Laser	Laser	Laser	Laser	100Gbar - Power Balance 100Gbar - Power Balance 100Gbar - Power Balance	L. Waxer K. Bauer S. Sampat	
28-Oct-19		DT ICF 60 SG5-650	Laser	HED	BWA PB	XPScaling-20A MPD Activation MShock-20A	M. Rosenberg K. Filippo	11 11
4-Nov-19	PB	Cryo 60 SG5	HED 50 SG5	LBS 6 SG5	AngRes	Cryo-20B XEST-20A TurbulentTransMag-20A	J. Knauer J. Ruby/A. Chin W. Fox	11 11 11
11-Nov-19	AngRes	ICF 9 SG5/5 IDI	ICF 8 IDI	LBS 20 SG5	OHRV	AngResTS-20A TRXISpatRes-20A BFieldOTS-20A	A. Milder S. Ivancic G. Swadling	11 5.5 11
18-Nov-19	OHRV	OHRV ICF 5 SG5-650	OHRV HED 5 SG5-Flat	OHRV HED 10 SG8-Flat	BWA PB	OHRVFoamImprint-20A ShockSmooth-20A Ejecta-O-20A/ExtremeDef-20A	J. Peebles M. Gorman S. Ali/C. Stan	11 11 11
25-Nov-19	PB	DT Cryo 60 SG5-650		Holiday	Holiday	Cryo-20C	W. Theobald	11
2-Dec-19		NLUF 6 SG5	H7-H14 HED 12 SG8-Flat	HED		BubbleTS-20A EXAFS-Ledge-20A/DiamondMelt-20A FoamXRFTS-20A	G. Sutcliffe F. Coppari/M. Millot M. MacDonald	11 11 5.5
9-Dec-19		Gas Jet ICF 9 SG5/5 IDI	Gas Jet ICF 9 SG5/5 IDI	HED 40 SG5-650		MBeamCBETSat-J-20A Top9CBET-Transient-J-20A Revolver-20A	A. Hansen D. Turnbull B. Scheiner	11 11 11
16-Dec-19		DT HED 60 SG5	HED 5 SG8	NLUF 60 SG5		EnergeticNeutron-20A MOEXAFS-20A ieRate-20A	B. Aguirre A. Chin P. Adrian	11 11 11
23-Dec-19			Holiday					

Days per quarter 22.5

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI	No. shots
30-Sep-19		Laser	Laser	Target				
7-Oct-19		4UV HED	4UV HED	4UV ICF		HE-XRD-EP-20A ShkSndSpeEP-20A DiamondRefreezeEP-20A	M. Marshall M. Huff M. Millot	7 7 7
14-Oct-19		4UV HED		4UV HED		RampWaterEP-20A QuartzSapphireEP-20A	M. Marshall C. McCoy	7 7
21-Oct-19		Laser	Laser	Target		SP LP Timing		
28-Oct-19		2S+2UV ICF	2S+2UV ICF	2S+2UV ICF		PlasmaLens-EP-20A SiBLDevEP-20A TeBoostEP-20A	J. Shaw C. Stoeckl D. Mariscal	7 7 7
4-Nov-19		2S+2UV NLUF	2S+2UV NLUF GasJet	Target		RelRecon-EP-20A DirectLaserAccel-EP-20A	K. Krushelnick L. Willingale	7 7
11-Nov-19		Laser	2S+2UV ICF			CapillaryXRayEP-20A	H. Chen	7
18-Nov-19		Target	2S+2UV L Net dds	2S+2UV LBS dds		TalbotLauXRDefEP-20A PionZ-EP-20A LabDynamoEP-20A	P. Valdivia S. Jiang K. Filippo	7 7 7
25-Nov-19		SL+3UV LBS dds		Holiday	Holiday			
2-Dec-19		2S+2UV L Net	2S+2UV HED	2S+2UV ICF		PairYieldEP-20A BuriedLayerEP-19A AdvRadEP-20A	H. Chen P. Nilson J. Shaw	7 7 7
9-Dec-19		TOPA J ICF	TOPA J ICF	4UV NLUF		MBeamCBETSat-J-20A Top9CBET-Transient-J-20A PhotoPlasma-EP-20A	A. Hansen D. Turnbull R. Mancini	3.5 3.5 7
16-Dec-19		4UV HED	4UV LBS	4UV NLUF		ShockRampEP-20A SilicateEOS-EP-20A MGO-XRD-EP-20A	M. Gorman M. Millot J. Wicks	7 7 7
23-Dec-19			Holiday					

Days per quarter 22

<span style="background-color: red; color: black;">■</span>	Maint & Reconfiguration	<span style="background-color: cyan; color: black;">■</span>	SSG	Small Signal Gain, F-Cal
<span style="background-color: lightblue; color: black;">■</span>	ICF LLE	<span style="background-color: grey; color: black;">■</span>	BWA	Blast window assembly replacement
<span style="background-color: lightgrey; color: black;">■</span>	Joint Facility Shots	<span style="background-color: purple; color: black;">■</span>	ICF	Inertial Confinement Fusion
<span style="background-color: lightgrey; color: black;">■</span>	ICF LLNL/LANL/SNL/NRL	<span style="background-color: green; color: black;">■</span>	PB	Power Balance
<span style="background-color: lightgrey; color: black;">■</span>	HED Stockpile Science	<span style="background-color: yellow; color: black;">■</span>	LBS	Laboratory Basic Science
<span style="background-color: lightgrey; color: black;">■</span>	NLUF	<span style="background-color: orange; color: black;">■</span>	NLUF	University Basic Science
<span style="background-color: lightgrey; color: black;">■</span>	CEA			
<span style="background-color: lightgrey; color: black;">■</span>	System Shots- reduced shot crew			
<span style="background-color: lightgrey; color: black;">■</span>	ARPA-E/DTRA/Rutherford/Other			
<span style="background-color: lightgrey; color: black;">■</span>	Reserved - unfunded			
<span style="background-color: lightgrey; color: black;">■</span>	Contingency			
<span style="background-color: lightgrey; color: black;">■</span>	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

# OMEGA 2nd Quarter

## FY20 Omega Schedule

### OMEGA EP

2nd Quarter

Rev. 27 24 July 2020

2nd Quarter

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI	No. shots
30-Dec-19 CT&F Maint			Holiday					
6-Jan-20 CT&F Maint					BWA PB			
13-Jan-20 CT&F Maint		ICF 60 SG5	ICF 5 SG5	LBS 6 E685		Top9CBET-Transient-J-20B AbsorbAsym-20A XRDaIloy-20A	D. Edgell D. Turnbull R. Smith	11 11 5.5
20-Jan-20	Holiday	Laser	Laser	Laser	Laser	100Gbar - Power Balance 100Gbar - Power Balance 100Gbar - Power Balance	L. Waxer K. Bauer S. Sampat	
27-Jan-20		NLUF 20 SG5	HED 9 SG5	ICF 60 SG5	BWA PB	Tdyno-20A AuGasJet-20A/DiamondLaue-20A NeutronTimeOM-20A	P. Tzeferacos G. Swadling/C. Stan C. Stoeckl	11 11 5.5
3-Feb-20	PB	DT Cryo 40 SG5-650	DT Cryo 40 SG5-650	HED none		Cryo-20D Cryo-20D Marble-VC-20A	W. Theobald W. Theobald P. Kozlowski	11 11 11
10-Feb-20		DT3He NLUF 20 SG5	DT3He ICF 5 IDI	ICF 60 SG5-650		HohlraumRT-20A MagHohlMultiPBL-20A MagSDD-20A	G. Sutcliffe B. Pollock J. Davies	11 11 11
17-Feb-20		HED	HED none	H7-H14 AIBS 5 SG8-Flat	BWA PB	PorousEOS-20A AuNLTE-20A XRDEOS-20A-aibs Cryo-20E	A. Jenei E. Marley T. Duffy J. Knauer	5.5 11 11 11
24-Feb-20	PB	DT Cryo 60 SG5	Beam Timing	D2 ICF 60 SG5-650		Preheat-20A	M. Rosenberg	11
2-Mar-20		ICF 60 SG5	D3He NLUF 15 SG5	H7-H14 LBS 7 SG8		Calib_nTOF-20A pMagShock-20A SuperionicMix-20A/MutualDiffusivity-20A	C. Forrest T. Johnson M. Millot/T. Doepfner	11 11 11
9-Mar-20		PCryo ICF 20 IDI	HED 40 IDI	HED none		Ejecta-O-20B/CapSeedHCCryo-20A MagXRSA-20A RadShock-20A	A. Saunders & S. Allis, All E. Kemp H. Johns	11 5.5 11
16-Mar-20		HED 50 SG5	HED 50 SG5			EXAFS-Temp-20A SphericalShockRad-20A COVID-19 Stand Down	F. Coppari J. Ruby	5.5 11
23-Mar-20						Safe Standby		

Days per quarter 22.5

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI	No. shots
30-Dec-19			Holiday					
6-Jan-20		4UV ICF	4UV HED	4UV ICF		HiZcoatingSphereEP-20A DbIshkMelt-EP-20A ZonePlateRT-EP-20A	M. Karasik Crandall/Zaghoo P. Nilson	7 7 7
13-Jan-20		ICF 60 SG5	4UV HED	4UV ICF		Top9CBET-Transient-J-20B PtDiffEP-20A FoilThicknessEP-20A	D. Edgell M. Ginnane D. Haberberger	3.5 7 7
20-Jan-20	Holiday		4UV ICF	4UV HED		LPlonEP-20A CompPhsTrnsEP-20A	M. Rosenberg X. Gong	7 7
27-Jan-20		Target	Laser			UV Timing	TBD	
3-Feb-20		Target	2S+UV ICF	2S+2UV LBS		SP LP timing AdvRadEP-20B LsrCapCoilsEP-20A	TBD J. Shaw L. Gao	7 7 7
10-Feb-20		SL+3UV LBS dds	SL+3UV HED dds	SL+3UV HED dds		LabDynamoEP-20B TinRT-EP-20A MultiProbTechEP-20A	K. Filippo C. Stan S. Palaniyappan	7 7 7
17-Feb-20		2S+2UV NLUF	2S+2UV HED	2S+2UV LBS		ProtonWDM-EP-20A WakefieldEP-20A NuclTNSA-EP-20A	C. McGuffey F. Albert A. Schwemlein	7 7 7
24-Feb-20		BL+3UV ICF		2S+2UV HED dds		BFieldLoopEP-20A EjectaEP-20A	B. Pollock A. Saunders/C. Stan	7 7
2-Mar-20		4UV HED		4UV L Net		BBReflectEP-20A MagReconEnergizationEP-20A	B. Henderson w. Fox	7 7
9-Mar-20		4UV HED	4UV HED			TR-XRD-EP-20A ModConsEP-20A COVID-19 Stand Down	R. Benedetti A. Rasmus	7 7 7
16-Mar-20								
23-Mar-20						Safe Standby		

Days per quarter 21.5

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

OMEGA 3rd Quarter

FY20 Omega Schedule

3rd Quarter

Rev. 27 24 July 2020

OMEGA EP

3rd Quarter

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	No. shots
30-Mar-20						Safe Standby	
6-Apr-20						Safe Standby	
13-Apr-20						Safe Standby	
20-Apr-20						Safe Standby	
27-Apr-20						Safe Standby	
4-May-20						Safe Standby	
11-May-20						Safe Standby	
18-May-20	Laser	Laser	Laser	Laser	Laser	System Restart System Restart System Restart	L. Waxer K. Bauer S. Sampat
25-May-20	Holiday	Laser	Laser	Laser	Target	System Restart System Restart System Restart	L. Waxer K. Bauer S. Sampat
1-Jun-20		MIFEDS HED 40 IDI	HED 50 SG5	HED 3 SG8	BWA PB	SRSXRay-20A SphericalShockRad-20B FbDiff-20A	P. Poole J. Ruby A. Krygier
8-Jun-20	PB			DT Cryo 60 SG5-650		LP Clamp Repair Cryo-20F	W. Theobald
15-Jun-20		MIFEDS/GJ ICF 9 SG5/M30	DT3He NLUF 30 SG5	HED 37 IDI		LatHeatTrans-20A pProbeHohl-20A ESPADA-20A	Z. Barfield J. Percy D. Rusby
22-Jun-20		ICF 9 SG5/5 IDI	HED 60 SG5	DT ICF 60 SG5-650		AngResTS-20B HDC-ExpSh-20A KoDI-dev-20B	A. Milder M. Hohenberger H. Rinderknecht

Days per quarter 7.5

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI	No. shots
30-Mar-20						Safe Standby		
6-Apr-20						Safe Standby		
13-Apr-20						Safe Standby		
20-Apr-20						Safe Standby		
27-Apr-20						Safe Standby		
4-May-20						Safe Standby		
11-May-20						Safe Standby		
18-May-20		Laser	Laser	Laser		HED fiber investigation HED fiber investigation Amp inspections / PILCs	M. Guardalben M. Guardalben T. Smith	
25-May-20	Holiday		Laser	Laser		SP Spatial Profile SP Spatial Profile Holdoffs	M Barcysz M Barcysz J. O'Sullivan	
1-Jun-20	Laser	Laser	Target	Target		HED Ca/FCC Tuning Fluence Ramp 4UV Timing	M. Guardalben M Barcysz R. Brown	
8-Jun-20		4UV HED	4UV L Net	4UV HED		XRDMeltEP-20A XRDEOS-EP-20A HE-XRD-EP-20B	D. Polsin T. Duffy M. Marshall	7 7 7
15-Jun-20		Target	4UV HED	4UV ICF		UV Focus Scan DSMGatGradEP-20A DiamondFreezeEP-20B	J. O'Sullivan E. Loomis M. Millot	7 7 7
22-Jun-20		4UV AIBS		Laser		DACPlanetEP-20A-aibs	R. Jeanloz	7

Days per quarter 6.0

	Maint & Reconfiguration
	ICF LLE
	Joint Facility Shots
	ICF LLNL/LANL/SNL/NRL
	HED Stockpile Science
	NLUF
	CEA
	System Shots- reduced shot crew
	ARPA-E/DTRA/Rutherford/Other
	Reserved - unfunded
	Contingency
	LBS

SSG	Small Signal Gain, F-Cal
BWA	Blast window assembly replacement
ICF	Inertial Confinement Fusion
PB	Power Balance
LBS	Laboratory Basic Science
NLUF	University Basic Science

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

OMEGA 4<sup>th</sup> Quarter

FY20 Omega Schedule

OMEGA EP 4<sup>th</sup> Quarter

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI	No. shots
29-Jun-20 Annual FASC		P6-P7 HED 6 SG5	Target 60 PD600		Holiday	HiResXImagingDev-20A Focus Scan	P. Nilson M. Heimbueger	11
3 <sup>rd</sup> 6-Jul-20		Gas Jet ICF 9 SG5/5 IDI	Gas Jet ICF 9 SG5/5 IDI	ICF 60SG5	BWA PB	MBeamCBETSat-J-20B MBeamCBETSat-J-20C 61BeamOMEGA-J-20A	A. Hansen A. Hansen D. Edgell	11 11 11
13-Jul-20	PB		DT Cryo 60 SG5	HED 5 SG8	HED 30 IDI	Cryo-20G EXAFS-Ledge-20B NanoFoam-20A	J. Knauer F. Coppari M. May	11 5.5 5.5
20-Jul-20		D2 LBS 60 SG5	MIFEDS ICF 40 PD600	PCryo HED 14 SG8		ImploSPEC-20A BFieldAmp-20A SapphireCryo-20A/HIZEOS-20A	P. Nilson B. Pollock C. McCoy	11 11 11
27-Jul-20					BWA PB			
3-Aug-20	PB	DT Cryo 60 SG5	ICF 60 SG5	P5-P8 AIBS 39 IDI		Cryo-20H DecelLowModes-20A HohlraumNeutrons-20A-aibs	J. Knauer R. Shah M. Hohenberger	11 11 11
4 <sup>th</sup> 10-Aug-20		HED 36 SG5	ICF 60 SG5	HED 50 SG5-650		NLTFormation-20A LowModeMMI-20A MOEXAFS-20B	D. Bishel R. Shah A. Chin	11 5.5 11
17-Aug-20	Laser	Laser	Laser	Laser	BWA PB	100Gbar - Power Balance 100Gbar - Power Balance 100Gbar - Power Balance	L. Waxer K. Bauer S. Sampat	
24-Aug-20	PB	DT Cryo 40 SG5-650	AIBS 30 SG5	HED 50 SG5		Cryo-20I PionFront-20A-aibs SphericalShockRad-20B	W. Theobald C. Kuranz / H. LeFevre J. Ruby	11 11 11
4 <sup>th</sup> 31-Aug-20		D3He NLUF 5 SG5	NLUF 20 IDI	HED 50 SG5		MagRecon-20A-aibs HotEScale_20A EXAFS-Temp-20B	W. Fox C. Krauland A. Coleman	11 11 5.5
2 <sup>nd</sup> 7-Sep-20	Holiday		D2 AIBS 60 SG5	HED 50 SG5	BWA PB	p11B-20A-aibs XRPartVelocity-20A	B. Srinivasan D. Polsin	11 11
2 <sup>nd</sup> 14-Sep-20	PB	DT Cryo 60 SG5	RAL 60 SG5	MIFEDS/GJ ICF 9 SG5/M30	HED 40 IDI	Cryo-20J UKKinetics-20A LatHeatTrans-20B SRSXray-20B	J. Knauer R. Scott Z. Barfield P. Poole	11 11 11 5.5
21-Sep-20		D2 LBS 60 SG5	PCryo LBS 7 SG8	ICF 39 SG5	H7-H14 LBS 12 SG8-Flat	CNO-20A MutualDiffusivity-20B Revolver-20B XRDaIloy-20B	A. Zylstra T. Doepfner B. Scheiner R. Smith	11 5.5 11 5.5

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI	No. shots
29-Jun-20 Annual FASC		Target dds	2S+UV ICF dds		Holiday	SP / UV Timing CapillaryXRayEP-20B	R. Brown N. Lemos	7
6-Jul-20		TOP-9 ICF	TOP-9 ICF	TOP-9 ICF		MBeamCBETSat-J-20B MBeamCBETSat-J-20C 61BeamOMEGA-J-20A	A. Hansen A. Hansen D. Edgell	3.5 3.5 3.5
13-Jul-20		co-prop AIBS dds		co-prop NLUF dds		HotEScale-EP-20A MagLPI-EP-20A-aibs	C. Krauland M. Manuel	7 7
20-Jul-20		4UV HED	4UV ICF	4UV NLUF		DiaFlyerDD-EP-20A FoilThicknessEP-20B PhotoPlasma-EP-20B	F. Coppari D. Haberberger R. Mancini	7 7 7
27-Jul-20		2S+UV LBS	2S+2UV NLUF	2S+2UV ICF		WakefieldLBS-EP-20A RelRecon-EP-20B ReleaseImprintEP-20A	F. Albert K. Krushelnick D. Haberberger	7 7 7
3-Aug-20		2S+2UV NLUF	Laser	co-prop AIBS dds		DirectLaserAccel-EP-20B CoProp FSM TurboXPCI-EP-20A-aibs	L. Willingale W. Theobald	7 7
10-Aug-20		2S+UV ICF dds	2S+2UV HED dds	2S+UV HED dds		MeV-CPC-EP-20A EjectaEP-20B MeVGammaEP-20A	N. Lemos A. Saunders N. Lemos	7 7 7
17-Aug-20								
24-Aug-20		4UV ICF	4UV HED	4UV HED		BFieldLoopEP-20B DVM-EP-20A CHMultiEP-20A	B. Pollock A. Rasmus Z. Sprowal	7 7 7
31-Aug-20		SL+3UV HED dds	SL+3UV HED dds	SL+3UV HED dds		TinRT-EP-20B HeatEOS-EP-20A MultiProbeTechEP-20B	C. Stan S. Jiang S. Palaniyappan	7 7 7
7-Sep-20	Holiday		2S+UV LBS dds	2S+UV HED dds		PairPlasmaEP-20A DoubleHEBL-EP-20A	H. Chen S. Khan	7 7
14-Sep-20		2SP+2UV L Net	2SP+2UV L Net	2S+UV ICF		IonAcceIEP-20A MagReconPlasmaBetaEP-20A DNBeamsEP-20A	J. Kim H. Ji G. Scott	7 7 7
21-Sep-20		2S+UV ICF	2S+UV ICF	2S+UV ICF		PlasmaLens-EP-20B ReleaseImprintEP-20B SiBLDevEP-20B	J. Shaw D. Haberberger C. Stoeckl	7 7 7

Days per quarter Scheduled 28.5 81.0

Days per quarter Scheduled 29.5 79.0

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

- Hash shading indicates beams terminating to OMEGA
- CP Co-prop
- LC OMEGA single beam from lower compressor
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- BL EP Backlighter single beam (UC or LC)
- SL EP Sidelighter