

OMEGA  
1st Quarter

# 1st Quarter

## FY18 Omega Schedule OMEGA EP



















Rev. 27 31 August 2018 1st Quarter

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI	No. shots
2-Oct-17	PB	DT Cryo 60 SG5	PCryo ICF 60 SG5	ICF 6 SG5		Cryo-18A Uniformity-18A OTFB-18A	Knauer Marshall Theobald	11 11 11
9-Oct-17		H7/H14 HED 15 IDI	ICF 10SG5	NLUF 6SG8/6E865		FlyerEOS-ID-18A/MachEOS-18A NTDabsTime-18A DirectDAC-18A	Coppari/Jenei Stoeckl Millot	11 5.5 5.5
16-Oct-17		ICF None	MIFEDS HED 20 IDI	HED 7 IDI		GasJetAct-18A DebrisPlasma-18A DSPlanar-18A	Froula Pollock Palaniyappan	11 11 11
23-Oct-17 APS		Laser	Laser	Laser	BWA PB	100Gbar - Power Balance 100Gbar - Power Balance 100Gbar - Power Balance	Kelly Kelly Kelly	
30-Oct-17	PB	DT Cryo 60 SG5	DT HED 60 SG5	ICF 60 SG5		Cryo-18B n2nReactions-18A LowModeUniformity-18A	Forrest/Cao Forrest Michel	11 11 11
6-Nov-17		MIFEDS ARPA-E 40 PD600	HED None	MIFEDS HED 40 IDI		SmallMagLiF-J-18A Marble-VC-18A MagXRSA-18A	Peebles Kim Kemp/May	11 11 11
13-Nov-17		MIFEDS NLUF None	MIFEDS NLUF 6 SG5	Beam Timing	BWA PB	DynMagRecon-18A pMagShock-18A	Bhattacharjee Li	11 11
20-Nov-17	PB	DT Cryo 60 SG5		Holiday	Holiday	Cryo-18C	Knauer	11
27-Nov-17 FTS #1 Maint		ICF 59 SG5	LBS 30SG5;6SG8	ICF		AuSphereInFoam-18A MeteorImpact-18A DiamondSS-18A	Swadling Krygier Fernandez-Panella	11 11 5.5
4-Dec-17 FTS #1 Maint		DT ICF 60 SG5	DT ICF 60 SG5	DT HED 60 SG5	H7/H14 HED 15 IDI	NIS-18A NIS-18B EnergeticNeutron-18A AMFoam-18A	Wilde Wilde Martin Smith	11 11 11 5.5
11-Dec-17 FTS #1 Maint		12 SG8 HED	P1/P12 HED 40 IDI			InsituPressure-XRD-18A SRS-Xray-18A	Coppari Poole	5.5 5.5
18-Dec-17 FTS #1 Maint								
25-Dec-17 FTS #1 Maint	Holiday							

Days per quarter 24.0

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI	No. shots
2-Oct-17								
9-Oct-17		Target	4UV NLUF	4UV HED		UV Timing HotEScaleEP-18A HiPresEOSEP-18A	Wei Rygg	7 7
16-Oct-17		4UV NLUF	4UV HED	Laser		XRDEOSEP-18A NiFeEOSEP-18A	Duffy McCoy	7 7
23-Oct-17 APS		Laser	Laser	Target		SP UV Timing		
30-Oct-17		2S+2UV ICF	2S+2UV NLUF	2S+2UV ICF		LineShapeEP-18A RelReconEP-18A NcritEP-18A	Nilson Krushelnick Lemos	7 7 7
6-Nov-17		Joint ICF/ARPA-E dds	config for SL+3UV	SL+3UV HED dds		SmallMagLiF-J-18A TOPA 1ns act DuRTEP-18A	Peebles McNaney	7 7
13-Nov-17		2S+2UV ICF	config for BL+3UV	BL+3UV NLUF dds		MeanEEP-18A MagReconAccelEP-18A	Nilson Ji	7 7
20-Nov-17		2S+2UV ICF		Holiday	Holiday	GasJetActivationEP-18A	Haberberger	7
27-Nov-17		2S+2UV ICF	2S+2UV ICF	Laser		LineShapeEP-18B GoldLeafEP-18A TOPA HED Cal	Nilson Williams	7 7
4-Dec-17		4UV LBS	4UV HED	4UV HED		dEdxEP-18A PhasTrnsRIsEP-18A ModConsEP-18A	Zylstra Smith Flippo	7 7 7
11-Dec-17		4UV ICF	4UV HED	Laser	Laser	LPlonEP-18A StrkDiffEP-18A TOPA HED Cal	Rosenberg Benedetti	7 7
18-Dec-17		4UV ICF	4UV HED	4UV HED		HybridEP-18A ShkSndSpdEP-18A CompPhasTrmsEP-18A	Theobald Henderson Gong	7 7 7
25-Dec-17	Holiday							

Days per quarter 22.0

	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/CELIA			
	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  
2nd Quarter

# 2nd Quarter

FY18 Omega Schedule  
OMEGA EP  
2nd Quarter

Rev. 27 31 August 2018

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI	No. shots
1-Jan-18 FTS #1 Maint	Holiday			HED Calib.				
8-Jan-18		Laser	Laser	BWA PB	PB	100Gbar - Power Balance 100Gbar - Power Balance	Kelly Kelly	
15-Jan-18	Holiday	DT Cryo 60 SG5	DT Cryo 60 SG5	ICF 6 SG5		Cryo-18D Cryo-18D' OTFB-18B	Knauer Knauer Theobald	11 11 11
22-Jan-18		HED 60 PD600	HED 60 PD600	PCryo ICF 2 PD600		Revolver-18A Revolver-18B D2Radiography-18A	Hsu Hsu Boehly	11 11 11
29-Jan-18	OHRV	PCryo ICF 20 IDI	H7/H14 HED NLUF	HED 36 SG5	BWA PB	CapSeedHDCryo-18A/CapSeedHDCWa RampWater-18A /DirectDAC-18B GBarEOS-18A	Ali/Ali Gregor/Jeanloz Rygg	11 11 11
5-Feb-18	PB	DT Cryo 60 SG5	DT ICF 60 SG5	PCryo ICF 36 SG5	Focus Scan	Cryo-18E WarmImpOff-18A ShockTiming-18A	Shah Forrest Boehly	11 11 11
12-Feb-18		HED 52 Small	NLUF None	ICF No DPP		GBarFoameEOS-18A WDMStopPow-18A GasJetAct-18B	Jenei Lahmann Hansen	5.5 11 5.5
19-Feb-18		MIFEDS NLUF 6 SG5	HED None	ICF 60 SG5		pMagShock-18B mShock-18A CBETBeamlets-18A	Li Desjardins Edgell	11 11 11
26-Feb-18	OHRV	PCryo LBS 20 IDI	H7 LBS 21 IDI	P6/P7 HED 20 IDI	BWA PB	DiamondFailure-18A/CapSeed2ShockCr FeThermID-18A/AMFoam-18B Planar2Shell-18A	Ali/Ali Smith/Smith Ping	11 11 5.5
5-Mar-18	PB	DT Cryo 60 SG5	NLUF 60 SG5	HED 40 SG5		Cryo-18F ieRate-18A CyIDRT-18A	Knauer Frenje Palaniyappan	11 11 11
12-Mar-18		ICF No DPP	LBS 12 SG5	Rutherford		GasJetAct-18C MagReconnection-18A UKHydroKinetics-18A	Hansen Rosenberg Scott/Woolsey	11 11 11
19-Mar-18								
26-Mar-18		Laser	Laser	Laser	BWA PB	100Gbar - Power Balance 100Gbar - Power Balance 100Gbar - Power Balance	Kelly Kelly Kelly	

Days per quarter 25.5

Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI	No. shots
1-Jan-18	Holiday			Target				
8-Jan-18		Target	Target	Target		FCC tuning for reactivation TOPA FCC tuning		
15-Jan-18	Holiday		Target	Target		TOPA focus scan TOPA timing		
22-Jan-18		4UV HED	4UV NLUF	4UV HED		TS-VISAREP-18A XRDEOSEP-18B HiPresEOSEP-18B	Theobald Duffy Huff	7 7 7
29-Jan-18		4UV ICF	4UV ICF	4UV ICF		HiZCoatingEP-18A FoilThicknessEP-18A TPDTPAEP-18A	Karasik Haberberger Haberberger	7 7 7
5-Feb-18		Laser	Target			SP LP Timing		
12-Feb-18		BL+3UV NLUF dds	reconfig for 2S+2UV	2S+2UV LBS dds??		DynMagReconEP-18A PairPlasmaEP-18A	Bhattacharjee Chen	7 7
19-Feb-18		2S+2UV ICF	2S+2UV ICF	2S+2UV ICF		HiResDiagDevEP-18A BFieldLoopEP-18A SmallSpotBLEP-18A	Nilson Pollock Tommasini	7 7 7
26-Feb-18		2S+2UV ICF	reconfig for dds	2S+2UV LBS dds		LsrDrvnCoilsEP-18A PionzEP-18A	Peebles Jiang	7 7
5-Mar-18		4UV LBS	4UV HED	Laser		SiStructuresEP-18A ShkSndSpdEP-18B HED Cal Series	Saha Crandall	7 7 7
12-Mar-18		4UV HED	4UV LBS	4UV HED		RippleMTFEP-18A ShRadEP-18A CompPhasTrmsEP-18B	Gumbrell Theobald Polsin	7 7 7
19-Mar-18								
26-Mar-18			Target	Target				

Days per quarter 18.0

	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
ICF	Inertial Confinement Fusion
PB	Power Balance
LBS	Laboratory Basic Science
NLUF	University Basic Science

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

# 3rd Quarter

FY18 Omega Schedule

OMEGA EP

Rev. 27 31 August 2018

3rd Quarter

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	No. shots
2-Apr-18	PB	DT Cryo 60 SG5	DT Cryo/ICF 60 SG5	LBS 10 SG5	ICF 6 SG5	Cryo-18G Cryo-18G/OTFB-18C FoamXRFTS-18A OTFB-18C	Knauer 11 Knauer/Theobald 11 MacDonald 11 Theobald 5.5
9-Apr-18		H7 CEA 21 IDI	NLUF 6 SG8	HED None		ABSANORM-18A XRDEOS-18A Marble-VC-18B	Depierreux 11 Duffy 11 Kim 11
16-Apr-18	OHRV	PCryo ICF LBS	HED 12SG8	HED 10SG8/8SG5		CapSeedShellCryo-18A/DiamondFailure DiamondFlyer-DD-18A ComplexHydro(UM)-18A	Ali/Ali 11 Coppari 5.5 Kuranz/Huntington 11
23-Apr-18		LBS None	HED None	HED 12 PD600		RadPropOpenL-18A AuNLTE-18A Coax-18A	Marley 11 Marley 11 Johns 11
30-Apr-18		MIFEDS/Gas LBS 15SG8/4SG5	MIFEDS NLUF 20 SG5	LBS 20 SG8	BWA PB	ACSEL-O-18A TDYNO-18A IonSepPlasma-18A	Pollock 11 Lamb 11 Kagan/Ross 11
7-May-18	PB	ICF	CEA 60 SG5	Gas Jet ICF None		SmallMagLIF-18B NeutronDetectorCal-18A Ti-Ion/Electron-18A	Peebles 11 Philippe 5.5 Hansen 11
14-May-18		DT ICF 60 SG5	DT HED 60 SG5	HED NLUF		NeutronDiagDev-18A EnergeticNeutron-18B SRS-Xray-18B/DirectDAC-18C	Glebov 11 Martin 11 Poole/Jeanloz 11
21-May-18		MIFEDS NLUF 36 PD600	H7/H14 HED 7 IDI	HED 7 SG8		RelEPlasma-J-18A DSPlanar-18B CuDiff-18B	Beg 11 Wan 11 Fernandez-Panella 11
28-May-18	Holiday		ICF 59 SG5	P6/P7 CEA 30 IDI/10SG5	BWA PB	AuSphereInFoam-18B 3DIRRAD-18A	Swadling 11 Tassin 11
4-Jun-18	PB		10 SG5 ICF	DT NLUF 60SG5	Target	NTDAbsTime-18B KineticsDT-18A TOP9 Activation	Stoeckl 5.5 Frenje 11
11-Jun-18	PB	DT Cryo	NLUF 33 SG5	PCryo ICF 36 SG5	HED	Cryo-18H RadShpere-18A ShockTiming-18B MachEOS-18B	Knauer 11 Drake 11 Boehly 11 Jenei 5.5
18-Jun-18	OHRV	PCryo LBS 20 IDI	NLUF 6SG8/6E865	21 IDI H7 LBS 15 IDI		DiamondFailure-18C/CapSeed2ShockCr DirectDAC-18D/RampWater-18B FeTherm-ID-18B/AMFoam-18C	Ali/Ali 11 Jeanloz/Gregor 11 Smith/Smith 11
25-Jun-18		Laser	Laser	Laser		100Gbar - Power Balance 100Gbar - Power Balance 100Gbar - Power Balance	Kelly Kelly Kelly

Days per quarter 33.5

Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI	No. shots
2-Apr-18		Target	Target	Target		UV Focus Scan UV Pointing Stability		
9-Apr-18		Laser	Laser	Target		UV Timing		
16-Apr-18			4UV LBS	HED		HPNaMeltEP-18A HEEOSEP-18A	Polsin Gregor	7 7
23-Apr-18		4UV HED	4UV HED			StrkDiffEP-18B NiFeEOSEP-18B	Benedetti McCoy	7 7
30-Apr-18		Laser	Laser	SL+3UV NLUF dds		MagShockEP-18A	Spitkovski	7
7-May-18		2S+2UV ICF	2S+2UV NLUF	2S+2UV ICF		MeanEEP-18B RelReconEP-18B SiBLDevEP-18A	Nilson Krushelnick Stoeckl	7 7 7
14-May-18		2S+2UV ICF	config for BL+3UV	BL+3UV NLUF		AdvRadEP-18A DynMagReconEP-18B	Shaw Bhattacharjee	7 7
21-May-18		joint NLUF	config for BL+3UV	BL+3UV NLUF dds??		RelEPlasma-J-18A MagReconAccelEP-18B	Beg Ji	7 7
28-May-18	Holiday			SL+3UV ICF dds		ProtonShockEP-18A	Hua	7
4-Jun-18		Laser	Laser	Laser	Target	TOP9 Activation		
11-Jun-18			4UV HED	4UV HED		DuRTEP-18B CompPhasTrmsEP-18C	Smith Gong	7 7
18-Jun-18		4UV ICF	4UV HED	4UV CELIA		HiZCoatingEP-18B BBReflectEP-18A ShRadCELIA-EP-18A	Karasik Henderson Casner	7 7 7
25-Jun-18								

Days per quarter 18.0

	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  
4th Quarter

# 4th Quarter

FY18 Omega Schedule  
OMEGA EP  
4th Quarter

Rev. 27 31 August 2018

Week Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI	No. shots
2 <sup>o</sup> 2-Jul-18		HED Calib.	Holiday	ICF No DPP	BWA PB	GasJetActivation-18D	Hansen	11
9-Jul-18	PB	DT Cryo 60 SG5	HED None	PCryo ICF 2 PD600	Beam Timing	Cryo-18i mShock-18B D2Radiography-18B	Knauer Desjardins Nilson	11 11 11
3 <sup>o</sup> 16-Jul-18		MIFEDS ARPA-E 40 PD600	HED 10SG8/8SG5	HED None	Laser	SmallMagLiF-18C ComplexHydro(UM)-18B SolarCellIESD-18A	Peebles Kuranz/Huntington Widmann	11 11 11
3 <sup>o</sup> 23-Jul-18	Target	TOP9 ICF	ICF 60 SG5	DT NLUF 60 SG5		TOP9-CBET-PQ-J-18A CBETBeamlets-18B KineticT3He-18A	Turnbull Edgell Parker	11 11 11
30-Jul-18		PCryo HED 36 SG5	LBS None	HED 12 PD600	BWA PB	GBarPCryoEOS-18A RadPropOpenL-18B RadiShock-18A	Ruby Marley Johns	11 11 11
6-Aug-18	PB	ICF 60 SG5	DT Cryo 60 SG5	HED 60 SG5	Focus Scan	LowModeUniformity-18B Cryo-18J SphericalEOS-18A	Shah Shah Ruby	11 11 11
13-Aug-18		DT HED 60 SG5	HED None	HED 12 PD600		DarkMix-18A mShock-18C RadiShock-18B	Meaney Desjardins Johns	11 11 11
20-Aug-18	OHRV	PCryo ICF LBS	HED 20 IDI	LBS 60 SG5		CapSeedShellCryo-18B/DiamondFailure Planar2Shell-18B FeAbs-18A	Ali/Ali Ping Nilson	11 5.5 11
Co-Prop 27-Aug-18 DDS		P6/P7 HED 12 IDI	NLUF 60 Small	HED None	BWA PB	FoamGrowth-J-18A HotEScale-J-18A Marble-VC-18C	Martinez Wei Kim	11 11 11
3 <sup>w</sup> /Co-Prop 3-Sep-18 No DDS	Holiday	PB	DT Cryo 60 SG5	Gas Jet ICF TOP9	CEA	Cryo-18K TOP9-CBETBeamlets-J-18A NeutronDetectorCal-18B	Regan Turnbull Philippe	11 11 5.5
10-Sep-18		NLUF 33 SG5	P6/P7 CEA 40 IDI	H7/H14 CEA 20 IDI		IonizationFront-18A BaffleCav-18A CHShockTiming-18A/LiHIDEOS-18A	Kuranz Brygoo Denoeud/Brygoo	11 5.5 11
17-Sep-18		H7/H14 HED 15 IDIs	HED 40 SG5	LBS 60 SG5		Carisbrook-18A CylDRT-18B dEdx-18A	Martinez/Rubery Palaniyappan Zylstra	11 11 11
24-Sep-18		HED 20 IDI	HED H7/H14	NLUF 6SG8/6E865		FoamBubbles-18A FlyerEOS-ID-18B DirectDAC-18E	Huntington Coppari Jeanloz	11 5.5 5.5

Starting	Mon	Tue	Wed	Thur	Fri	Campaign(s)	PI	No. shots
2-Jul-18			Holiday					
9-Jul-18		4UV NLUF	4UV LBS	4UV HED		PhotoPlasmaEP-18A SiStructuresEP-18B TS-VISAREP-18B	Mancini Saha Theobald	7 7 7
16-Jul-18		4UV ICF	4UV HED	4UV HED	Target	FoilThicknessEP-18B ModConsEP-18B GeDiffEP-18A	Haberberger Flippo Bernier	7 7 7
23-Jul-18	Target	TOP9 ICF		4UV HED		TOP9-CBET-PQ-J-18B CuRTEP-18A	Turnbull McNaney	7 7
30-Jul-18		Laser	Target	Target		SP UV Timing SP Focus Scan		
6-Aug-18		2S+2UV ICF	2S+2UV LBS	2S+2UV LBS		HiResDiagDevEP-18B PisoHeatEP-18A PairPlasmaEP-18B	Nilson Mariscal Chen	7 7 7
13-Aug-18			2S+2UV ICF	2S+2UV HED		BFieldLoopEP-18B SpectShiftHDMEP-18A	Pollock Nilson	7 7
20-Aug-18		2S+2UV HED dds	Laser			DbIHEBL-EP-18A	Khan/Martinez	7
Co-Prop 27-Aug-18 DDS		Joint CoP HED dds??	Joint CoP NLUF dds??	4UV HED		FoamGrowth-J-18A HotEScale-J-18A StreakXRD-EP-18A	Martinez Wei Gong	7 7 7
Co-Prop 3-Sep-18	Holiday		2S+2UV ICF	TOP9 ICF		SiBLDevEP-18B TOP9-CBETBeamlets-J-18A	Stoeckl Turnbull	7 7
10-Sep-18		Laser	Laser	Laser				
17-Sep-18		4UV ICF	4UV HED	4UV HED		ImpRedFootEP-18A CompPhasTrmsEP-18D BBReflectEP-18B	Theobald Gong Henderson	7 7 7
24-Sep-18								

Days per quarter 34.5  
Scheduled 117.5

Days per quarter 22.0  
Scheduled 80.0

- 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