

OMEGA  
2nd Quarter

# 2<sup>nd</sup> Quarter

FY18 Omega Schedule  
Rev. 24 09 July 2018  
OMEGA EP  
2nd Quarter

| Week Starting            | Mon     | Tue                     | Wed                   | Thur                   | Fri           | Campaign(s)  | PI                                   | No. shots        |
|--------------------------|---------|-------------------------|-----------------------|------------------------|---------------|--|--------------------------------------|------------------|
| 1-Jan-18<br>FTS #1 Maint | Holiday |                         |                       | HED Calib.             |               |  |                                      |                  |
| 8-Jan-18                 |         | Laser                   | Laser                 | BWA PB                 | PB            | 100Gbar - Power Balance<br>100Gbar - Power Balance                                       | Kelly<br>Kelly                       |                  |
| 15-Jan-18                | Holiday | DT<br>Cryo<br>60 SG5    | DT<br>Cryo<br>60 SG5  | ICF<br>6 SG5           |               | Cryo-18D<br>Cryo-18D'<br>OTFB-18B  | Knauer<br>Knauer<br>Theobald         | 11<br>11<br>11   |
| 22-Jan-18                |         | HED<br>60 PD600         | HED<br>60 PD600       | ICF<br>2 PD600         |               | Revolver-18A<br>Revolver-18B<br>D2Radiography-18A  | Hsu<br>Hsu<br>Boehly                 | 11<br>11<br>11   |
| 29-Jan-18                | OHRV    | PCryo<br>ICF<br>20 IDI  | H7/H14<br>HED<br>NLUF | HED<br>36 SG5          | BWA<br>PB     | CapSeedHDCryo-18A/CapSeedHDCWarm-18A<br>RampWater-18A /DirectDAC-18B<br>GBarEOS-18A      | Ali/Ali<br>Gregor/Jeanloz<br>Rygg    | 11<br>11<br>11   |
| 5-Feb-18                 | PB      | DT<br>Cryo<br>60 SG5    | DT<br>ICF<br>60 SG5   | PCryo<br>ICF<br>36 SG5 | Focus<br>Scan | Cryo-18E<br>WarmImpOff-18A<br>ShockTiming-18A  | Shah<br>Forrest<br>Boehly            | 11<br>11<br>11   |
| 12-Feb-18                |         | HED<br>52 Small         | NLUF<br>None          | ICF<br>No DPP          |               | GBarFoamEOS-18A<br>WDMStopPow-18A<br>GasJetAct-18B                                       | Jenei<br>Lahmann<br>Hansen           | 5.5<br>11<br>5.5 |
| 19-Feb-18                |         | MIFEDS<br>NLUF<br>6 SG5 | HED<br>None           | ICF<br>60 SG5          |               | pMagShock-18B<br>mShock-18A<br>CBETBeamlets-18A  | Li<br>Desjardins<br>Edgell           | 11<br>11<br>11   |
| 26-Feb-18                | OHRV    | PCryo<br>LBS<br>20 IDI  | H7<br>LBS<br>21 IDI   | P6/P7<br>HED<br>20 IDI | BWA<br>PB     | DiamondFailure-18A/CapSeed2ShockCryo-18A<br>FeThermID-18A/AMFoam-18B<br>Planar2Shell-18A | Ali/Ali<br>Smith/Smith<br>Ping       | 11<br>11<br>5.5  |
| 5-Mar-18                 | PB      | DT<br>Cryo<br>60 SG5    | NLUF<br>60 SG5        | HED<br>40 SG5          |               | Cryo-18F<br>ieRate-18A<br>CyIDRT-18A   | Knauer<br>Frenje<br>Palaniyappan     | 11<br>11<br>11   |
| 12-Mar-18                |         | ICF<br>No DPP           | LBS<br>12 SG5         | Rutherford             |               | GasJetAct-18C<br>MagReconnection-18A<br>UKHydroKinetics-18A                              | Hansen<br>Rosenberg<br>Scott/Woolsey | 11<br>11<br>11   |
| 19-Mar-18                |         |                         |                       |                        |               |  |                                      |                  |
| 26-Mar-18                |         | Laser                   | Laser                 | Laser                  | BWA<br>PB     | 100Gbar - Power Balance<br>100Gbar - Power Balance<br>100Gbar - Power Balance            | Kelly<br>Kelly<br>Kelly              |                  |

Days per quarter 25.5

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