

## 1st Quarter

## FY22 OMEGA Schedule

## OMEGA

1st Quarter

Rev. 06 08 October 2021

## OMEGA EP

1st Quarter

| Week Starting                 | Mon   | Tue                          | Wed                        | Thur                   | Fri             | Campaign(s)                                                     | PI                                                           | No. shots      |
|-------------------------------|-------|------------------------------|----------------------------|------------------------|-----------------|-----------------------------------------------------------------|--------------------------------------------------------------|----------------|
| 27-Sep-21                     |       |                              |                            |                        |                 | Network Storage Upgrade                                         |                                                              |                |
| 4-Oct-21                      |       |                              |                            |                        | BWA PB          | Quarterly Maintenance Week                                      |                                                              |                |
| 11-Oct-21                     | Laser | Laser                        | PB                         | DT Cryo<br>60 SG5      |                 | Cryo_Optimization-22A                                           | J. Knauer                                                    | 11             |
| 18-Oct-21                     |       | H10-H11<br>APL<br>42 IDI     | HED<br>6 SG8-Flat          | LBS<br>12 SG8          |                 | APLRad-20C<br>FeMelt-22A<br>ExtChmDAC-21A                       | A. Davis<br>A. Coleman<br>Y.J. Kim                           | 11<br>11<br>11 |
| 25-Oct-21                     |       | HED<br>30 SG5                |                            |                        | BWA PB          | DoubleShell-21A                                                 | D. Barnak                                                    | 5.5            |
| 1-Nov-21                      | PB    | MPD/DT<br>Cryo<br>60 SG5     | D2<br>ICF<br>60 SG5        | ICF<br>60 SG5          | Beam Timing     | Cryo_DT_Liners-22A<br>SysEllipse-22A<br>CoreHeat-22A            | C. Forrest<br>R. Shah<br>P. Nilson                           | 11<br>11<br>11 |
| 4w<br>8-Nov-21<br>APS         |       | Joint<br>NLUF<br>20 IDI, 2w  | Joint<br>LBS<br>10 SG5, 4w | PCryo<br>HED<br>12 SG8 |                 | HotEScale-J-21A<br>snShock-J-21A<br>D2SndSpd-22A                | C. Krauland<br>Chen / Gregori<br>M. Huff                     | 11<br>11<br>11 |
| 4w<br>15-Nov-21               |       | AIBS<br>4 SG5, 4w            | ICF<br>59 SG5, 4w          | NLUF<br>40 SG5, 4w     | BWA PB<br>P9-2w | MagRecon-aibs-21A<br>AuSphere-22A<br>TDyno-21B                  | W. Fox<br>G. Swadling<br>P. Tzeferacos                       | 11<br>11<br>11 |
| 22-Nov-21                     | PB    | DT<br>Cryo<br>60 SG5         |                            | Holiday                | Holiday         | Cryo-KoDi3D-22A                                                 | H. Rinderknecht                                              | 11             |
| 2w<br>29-Nov-21<br>CT&F Maint |       | Gas Jet<br>ICF<br>10 650, 2w | D2<br>ICF<br>60 SG5-650    | AIBS<br>20 none, 2w    |                 | Absorption-22A<br>PreheatMitigation-22A<br>LsrCapCoils-aibs-21A | D. Turnbull<br>K. Churnetski<br>H. Ji                        | 11<br>11<br>11 |
| 6-Dec-21<br>CT&F Maint        |       | DT<br>ICF<br>60 SG5          | HED<br>21 IDI              | HED<br>none            |                 | NucD-22A<br>ESPADA-22A<br>Marble-VC-22A                         | H. Geppert-Kleinrath<br>D. Rusby / F. Albert<br>P. Kozlowski | 11<br>11<br>11 |
| 13-Dec-21<br>CT&F Maint       | SLUI  | SLUI<br>ICF<br>60 SG5        | HED<br>12 IDI              | ICF<br>36 SG5          |                 | CBET-NonUniformity-22A<br>MachEOS-22A<br>SSDOptShockTiming-22A  | D. Edgell<br>A. Jenei<br>Z. Sprowal                          | 11<br>11<br>11 |
| 20-Dec-21<br>CT&F Maint       |       |                              |                            |                        | Holiday         |                                                                 |                                                              |                |
| 27-Dec-21<br>CT&F Maint       |       |                              |                            |                        | Holiday         |                                                                 |                                                              |                |

Days per quarter 23.5

| Week Starting   | Mon | Tue                  | Wed                  | Thur                 | Fri     | Campaign(s)                                                    | PI                                                    | No. shots   |
|-----------------|-----|----------------------|----------------------|----------------------|---------|----------------------------------------------------------------|-------------------------------------------------------|-------------|
| 27-Sep-21       |     |                      |                      |                      |         | Network Storage Upgrade                                        |                                                       |             |
| 4-Oct-21        |     |                      |                      |                      |         |                                                                |                                                       |             |
| 11-Oct-21       |     | Target               | 4UV<br>NLUF          | 4UV<br>HED           |         | 4UV Timing-EP-21A<br>MGO-XRD-EP-21B<br>BeShockRamp-EP-22A      | R. Brown<br>J. Wicks<br>A. Coleman                    | 7<br>7<br>7 |
| 18-Oct-21       |     | 4UV<br>ICF           | 4UV<br>HED           | 4UV<br>HED           |         | HighZExpansion-EP-22A<br>MgORamp-EP-22A<br>SapphireRamp-EP-22A | M. Karasik<br>G. Tabak<br>X. Gong                     | 7<br>7<br>7 |
| 25-Oct-21       |     | Laser                | Target               | 2S+2UV<br>HED<br>dds |         | SPDP Cal<br>SP UV Timing-EP-22A<br>FocusHEBL-EP-22A            | J. O'Sullivan<br>R. Brown<br>S. Khan                  | 7<br>7<br>7 |
| 1-Nov-21        |     | 2S+2UV<br>NLUF       | 2S+2UV<br>NLUF       | 2S+UV<br>LBS         |         | RelRecon-EP-21B<br>DirectLaserAccel-EP-21B<br>SPMagCoil-EP-21A | K. Krushelnick<br>R. Brown<br>L. Willingale<br>L. Gao | 7<br>7<br>7 |
| 8-Nov-21<br>APS |     | Joint<br>NLUF<br>dds | Joint<br>LBS<br>dds  | Laser                |         | HotEScale-J-21A<br>SnShock-J-21A<br>LC to SL FSM               | C. Krauland<br>Chen/Gregori<br>Sys Sci                | 3.5<br>3.5  |
| 15-Nov-21       |     | 2SP+2UV<br>ICF       | 2S+UV<br>LBS         | 2S+2UV<br>NLUF       |         | AdvRad-EP-22A<br>uChannel-EP-21A<br>ProtonWDM-EP-21A           | J. Shaw<br>H. Rinderknecht<br>F. Beg                  | 7<br>7<br>7 |
| 22-Nov-21       |     | SL+3UV<br>CEA<br>dds |                      | Holiday              | Holiday | CEA_TAP-EP-20A                                                 | C. Courtois                                           | 7           |
| 29-Nov-21       |     | 2SP+2UV<br>ICF       |                      | 2SP+2UV<br>LBS       |         | IonAccelHY-EP-22A<br>WakefieldLBS-EP-22A                       | McGuffey/Mariscal<br>F. Albert                        | 7<br>7      |
| 6-Dec-21        |     | SL+3UV<br>HED<br>dds | SL+3UV<br>ICF<br>dds | SL+3UV<br>ICF<br>dds |         | TinRT-EP-22A<br>MagEOS-EP-22A<br>GasJetMagShock-EP-22A         | C. Stan<br>H. Sio<br>Heuer/Davies                     | 7<br>7<br>7 |
| 13-Dec-21       |     | 4UV<br>ICF           | 4UV<br>CMAP          | 4UV<br>HED           |         | DiamondMelt-EP-22A<br>CoreMantleDiff-EP-22A<br>ModCons-EP-22A  | M. Millot<br>D. Polsin<br>A. Rasmus                   | 7<br>7<br>7 |
| 20-Dec-21       |     |                      |                      |                      | Holiday |                                                                |                                                       |             |
| 27-Dec-21       |     |                      |                      |                      | Holiday |                                                                |                                                       |             |

Days per quarter 22

|  |                                            |      |                                   |
|--|--------------------------------------------|------|-----------------------------------|
|  | 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/SLNL/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/OFES/LNet/APL/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                          |