Upper Left: View of the OMEGA EP target chamber as it is installed within the target chamber structure in the new OMEGA EP Facility that is currently under construction.

Upper Right: Senior Technical Associate Nelson LeBarron inspects a single full-size grating from a three-tile grating array under development for OMEGA EP.

Lower Left: Photograph of cryogenic target holders that are used to hold target assemblies in the OMEGA Cryogenic Target Handling System.

Center: A cryogenic target layering sphere undergoing optical testing to assess its ability to uniformly illuminate a target.

Middle Right: View inside the target chamber for the MTW (multi-terawatt) laser. MTW is a 10-J, 1-ps laser facility that is used to develop diagnostics for OMEGA EP.

Lower Right: Technical Associate Chad Abbott is shown making adjustments during the installation of the second fill station in LLE’s target fill facility.