

About the Cover:

Ken Walsh, an optical engineer in the Materials Sciences Group, is shown looking into the OMEGA Upgrade target chamber through one of the 60 beam ports. This photograph was taken with a wide-angle lens from the opposite beam port. A set of cross-hair fiducials are installed on each pair of 30 beam ports and the corresponding opposite port to define the optical axis for this pair of laser beams. A second set of cross hairs are then installed on the outer end of the hexagonal beam tubes aligned to the beam axis. The hexagonal-beam-tube cross hairs are used as an alignment fiducial for the installation and alignment of the turning mirrors and the targeting mirrors for each beam. The status of the OMEGA Upgrade is part of this LLE Review.

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