**DOCUMENT CHANGE NOTICE**

**E1100262-v1 DCN-Revision of TMS 2nd Fold Mirror 1st Article**

REASON FOR CHANGE:

The first article Second Fold Mirror (F2) Nest will use a modified mirror due to a fit discrepancy, i.e., the purchased mirror, EAV-PM-3550-C (CVI Melles Griot), has a 3.500" ground-to-order O.D., while the Mirror Nest (steering mount) was designed for a 3.375" O.D. mirror. This DCN documents the modified mirror, assembly, & BOM. Future Mirror Nest articles will use a 3.375" O.D. mirror, TBD.

DOCUMENTS AFFECTED:

[D1000088](https://dcc.ligo.org/DocDB/0008/D1000088/002/D1000088-v2%20aLIGO_F2_MIRROR_NEST.PDF)-v2: aLIGOaLIGO\_F2\_MIRROR\_NEST

[D1100522](https://dcc.ligo.org/DocDB/0040/D1100522/001/D1100522-v1%20TMS%20Telescope%20Second%20Fold%20Mirror.PDF)-v1: TMS Telescope Second Fold Mirror

[E1000734](https://dcc.ligo.org/DocDB/0025/E1000734/002/E1000734-v2%20BOM-TMS%20F2%20Mirror%20Mount.pdf)-v2: BOM-TMS F2 Mirror Mount

CHANGE DESCRIPTION (FROM / TO)

[D1000088](https://dcc.ligo.org/DocDB/0008/D1000088/002/D1000088-v2%20aLIGO_F2_MIRROR_NEST.PDF)-v2 aLIGO\_F2\_MIRROR\_NEST

Contained in assemblies: [D1003120](https://dcc.ligo.org/DocDB/0025/D1003120/001/D1003120-v1%20aLIGO%20TMS%20Telescope.PDF)-v1

1. On Sheet 1 BOM, Changed Item 9 P/N:

-FROM- EVA-PM-3550-C (CVI Laser)

-TO- [D1100522](https://dcc.ligo.org/DocDB/0040/D1100522/001/D1100522-v1%20TMS%20Telescope%20Second%20Fold%20Mirror.PDF)-v1 (per this notice)

[D1100522](https://dcc.ligo.org/cgi-bin/private/DocDB/ShowDocument?docid=8453)-v2 TMS Telescope Second Fold Mirror

Contained in assemblies: [D1000088](https://dcc.ligo.org/DocDB/0008/D1000088/002/D1000088-v2%20aLIGO_F2_MIRROR_NEST.PDF)-v2 (per this notice)

1. Initial Release

[E1000734](https://dcc.ligo.org/DocDB/0025/E1000734/002/E1000734-v2%20BOM-TMS%20F2%20Mirror%20Mount.pdf)-v2 BOM-TMS F2 Mirror Mount

For assembly #: [D1000088](https://dcc.ligo.org/DocDB/0008/D1000088/002/D1000088-v2%20aLIGO_F2_MIRROR_NEST.PDF)-v2 (per this notice)

1. Changed Item 9 P/N:

-FROM- EVA-PM-3550-C (CVI Laser)

-TO- [D1100522](https://dcc.ligo.org/DocDB/0040/D1100522/001/D1100522-v1%20TMS%20Telescope%20Second%20Fold%20Mirror.PDF)-v1 (per this notice)