



**California Institute of Technology**  
**Massachusetts Institute of Technology**

# Document Change Notice (DCN)

DCN No. E010212-00-C

Sheet 1 of 1

| DOCUMENT No.<br>(DOC-REV-GP.ID) | TITLE           | NEW<br>REV |
|---------------------------------|-----------------|------------|
| D000325-B                       | LOS Coil Driver | B1         |
|                                 |                 |            |
|                                 |                 |            |

**CHANGE DESCRIPTION (FROM/TO):**

Swap connection from pin 10 to pin 12 of relays K1, K2, K3, K4, K5. The change is done by removing the relays from the board and inserting a special socket that swaps the connection from pin 10 to pin 12.

**REASON FOR CHANGE:** The change is done in order to invert the polarity of the enable signal and make the switch normally open on power up.

**ACTION:**       Incorporate Change       Attach DCN to Drawings       Other Action (specify):

| DISPOSITION OF HARDWARE (IDENTIFY SERIAL NUMBERS)                       | DCN DISTRIBUTION                                                                                                                                                                                                                                                                                                                                                                                                                              |           |          |       |           |           |         |           |         |       |       |          |          |      |          |        |          |  |  |        |  |  |
|-------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|-------|-----------|-----------|---------|-----------|---------|-------|-------|----------|----------|------|----------|--------|----------|--|--|--------|--|--|
| <input type="checkbox"/> No hardware was affected (record change only): | <table border="0"> <tr> <td>Barish</td> <td>Coles</td> <td>Coyne</td> </tr> <tr> <td>Lazzarini</td> <td>Lindquist</td> <td>Sanders</td> </tr> <tr> <td>Shoemaker</td> <td>Stapfer</td> <td>Tyler</td> </tr> <tr> <td>Weiss</td> <td>Whitcomb</td> <td>Matherny</td> </tr> <tr> <td>Raab</td> <td>McCarthy</td> <td>Wooley</td> </tr> <tr> <td>McCarthy</td> <td></td> <td></td> </tr> <tr> <td>Wooley</td> <td></td> <td></td> </tr> </table> | Barish    | Coles    | Coyne | Lazzarini | Lindquist | Sanders | Shoemaker | Stapfer | Tyler | Weiss | Whitcomb | Matherny | Raab | McCarthy | Wooley | McCarthy |  |  | Wooley |  |  |
| Barish                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                               | Coles     | Coyne    |       |           |           |         |           |         |       |       |          |          |      |          |        |          |  |  |        |  |  |
| Lazzarini                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                               | Lindquist | Sanders  |       |           |           |         |           |         |       |       |          |          |      |          |        |          |  |  |        |  |  |
| Shoemaker                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                               | Stapfer   | Tyler    |       |           |           |         |           |         |       |       |          |          |      |          |        |          |  |  |        |  |  |
| Weiss                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                               | Whitcomb  | Matherny |       |           |           |         |           |         |       |       |          |          |      |          |        |          |  |  |        |  |  |
| Raab                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                               | McCarthy  | Wooley   |       |           |           |         |           |         |       |       |          |          |      |          |        |          |  |  |        |  |  |
| McCarthy                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |          |       |           |           |         |           |         |       |       |          |          |      |          |        |          |  |  |        |  |  |
| Wooley                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |          |       |           |           |         |           |         |       |       |          |          |      |          |        |          |  |  |        |  |  |
| <input type="checkbox"/> List S/Ns which comply already:                |                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |          |       |           |           |         |           |         |       |       |          |          |      |          |        |          |  |  |        |  |  |
| <input type="checkbox"/> List S/Ns to be reworked/scrapped:             |                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |          |       |           |           |         |           |         |       |       |          |          |      |          |        |          |  |  |        |  |  |
| <input type="checkbox"/> List S/N's to be built with this change:       |                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |          |       |           |           |         |           |         |       |       |          |          |      |          |        |          |  |  |        |  |  |
| <input type="checkbox"/> List S/Ns to be retested per this change:      |                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |          |       |           |           |         |           |         |       |       |          |          |      |          |        |          |  |  |        |  |  |
| <input checked="" type="checkbox"/> Upgrade all boards                  |                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |          |       |           |           |         |           |         |       |       |          |          |      |          |        |          |  |  |        |  |  |

**SAFETY, COST, SCHEDULE, REQUIREMENTS IMPACT?**       NO       YES (If YES, enter CR (CCB) or TCP (TRB) #)

| APPROVALS:                    | DATE     | OTHER APPROVALS (SPECIFY) | DATE |
|-------------------------------|----------|---------------------------|------|
| <b>ORIGINATOR:</b> J. Heefner | 10/29/01 |                           |      |
| <b>TASK LEADER:</b>           |          |                           |      |
| <b>GROUP LEADER:</b>          |          |                           |      |
| <b>DCC RELEASE:</b>           |          |                           |      |