



e-Traveler

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AN OVERVIEW PRESENTATION

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What is it and How do I find it?

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- The eTraveler is a tool to document the life history of CDS electronics
- The form can be used for: Circuit boards, Chassis, and even racks
- The eTraveler is available within the DCC.
- <https://dcc.ligo.org/e-traveler/>
- A link will be added to the DCC soon

What does it look like?

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- When you first open the form, a default screen offers you guidance
- Note the “Browse Existing Data” section

The screenshot shows a web form titled "e-Traveler". At the top, there is a label "S-Number:" followed by a text input field containing the letter "S". Below this is a large light blue help box with the following text:

To begin, enter a serial number of the form **S1234567** in the S-Number box above ↑
(The serial number you enter must be an *existing LIGO DCC document*.)

After you type the serial number, the **Related Links** list to the right will contain a link to the DCC document and possibly to other associated documents, and the text box beneath this message will include references to other serial numbers that have history files *exactly identical* to the one you entered above.

You may remove serial numbers from the text, or add other serial numbers that were not automatically included. You may add a list of space separated values, or even a range (like this: S1234567-S1234577).

When you press the **Validate** button you will be advised of the action that will be taken when you click **Submit**.

Note that you may need to click outside of the box to force the page to update after a change.

[Browse Existing Data](#)

At the bottom of the form, there are two input fields: "Site" and "Location Detail".

What does it look like?

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- Upon entering a valid serial number, the tool presents more information to the user
- The scope of the change is detailed in the white box
- Related documents are automatically scraped from the DCC
- The Validate button tells you what's about to happen
- The Submit button makes your entry occur

The screenshot shows the 'e-Traveler' tool interface. On the left is the LIGO logo. The main area contains a form with the following elements:

- S-Number:** A text input field containing 'S1101539', followed by a 'Clone' button, a numeric input field, the text 'times', and another 'Clone' button.
- Op Lev 8 Channel Whitening Filter Chassis**
- A large white text box containing the following text:

```
The E-Travelers for these items contain exactly the same entries as the E-Traveler for the Serial Number you entered above (S1101539). You may edit the list by removing items or adding others. All items in the list will be updated when you submit this form.:  
  
S1101539
```
- A 'Validate' button located below the white text box.
- A 'Submit' button located at the bottom left of the form area.

On the right side of the interface, under the heading 'Relevant Links:', there is a list of four blue hyperlinks:

- [D1001530](#)
- [D1100013](#)
- [S1101537](#)
- [S1101539](#)

What does it look like?

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- The Activity History has the life history of the associated serial number
- The “Select Activity” dropdown menu is used to identify the type of transaction you wish to document

Activity History

This form documents the life history of a unique chassis, circuit board, or other assembly. It is essential to capture changes made to the assembly over its operating life. Each activity associated with this assembly constitutes a revision of this E-Traveler. When an activity or a change has been entered, this form is to be saved as a new revision and submitted to the LIGO Document Control Center.

History:

```
2011-05-26 14:14:04 rich.abbott@LIGO.ORG
05/26/2011 - CIF - Build (DeLeon Industries, Los Angeles, CA)

2011-05-26 14:14:07 rich.abbott@LIGO.ORG
05/26/2011 - CIF - Modify (W.A.)
05/26/2011 rich.abbott - Modification Description
This unit was used for testing the low frequency noise (LNs) modification that was considered utilizing OP27s in place of AD829s. The chassis was reverted to the original design after the experiment was completed.
```

Activity	Site	Location Detail	Date Performed
Select Activity	Select Site		07/13/2011

Key Features

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- Each entry automatically generates a revised entry in the DCC
- The file format is plain text
- Any special entry (D-numbers, S-numbers, etc.) are automatically recognized and appear as active hyperlinks
- The system allows cloning of metadata for duplicating similar parts
- Identical entries can be added to multiple S-numbers
- No user manual or special training needed
- All cleverness attributed to Phil Ehrens, Programmer Par Excellence
- No mention is made yet of the existing PDF forms

What does it look like?

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- **Three sections allow specific types of events to be documented (Modification, testing, manufacturing)**