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| **ECR Title: Move PEM H0,L0 channels to H1,L1** | | | DCC No: Exxxxxxx-vy |
| Date: |
| **Requester: Robert Schofield** | **Impacted Subsystem(s): PEM CDS** | |  |
| **Description of Proposed Change(s):** Change the H0 and L0 in PEM channel names to H1 or L1. | | | |
| **Reason for Change(s):** To make finding a channel easier for the user. The distinction between 0 and 1 channels no longer has meaning: all fast channels must begin with 1, even if they are not specific to the interferometer. So the only “0” channels are the epics slow ones. Users would not necessarily know which channels are epics, so they must look in 2 very separated menus (H1 and H0) for their channel. | | | |
| **Estimated Cost: Dave Barker estimates 2 or 3 days but thinks it should be done.** | | | |
| **Schedule Impact Estimate: None** | | | |
| **Nature of Change (check all that apply):**  **Safety**  **Correct Hardware**  **Correct Documentation** | | **Improve Hardware**  **Change Interface**  **XImprove/Clarify Documentation**  **Change Requirement** | |
| **Importance: Desirable for ease of use, maintenance, safety**  **X Desirable for improved performance, reliability**  **Essential for performance, reliability**  **Essential for function**  **Essential for safety** | | **Urgency:**  **No urgency**  **Desirable by date/event: \_\_Summer 2015\_\_\_\_\_\_\_\_\_\_**  **Essential by date/event: \_\_\_\_\_\_\_\_\_\_\_\_**  **Immediately (ASAP)** | |
| **Impacted Hardware (select all that apply):**  **Repair/Modify. List part & SNs: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Scrap & Replace. List part & SNs:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Installed units? List IFO, part & SNs: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Future units to be built** | | **Impacted Documentation** (list all dwgs, design reports, test reports, specifications, etc.): | |
| **Disposition of the proposed change(s):**  The disposition of this proposed engineering change request is to be completed by Systems Engineering and indicated in the “Notes and Changes” metadata field in the DCC entry for this ECR. The typical dispositions are as follows:   * **Additional Information Required**: in which case the additional information requested is defined. The ECR requester then re-submits the ECR with the new information using the same DCC number for the ECR but with the next version number. * **Rejected**: in which case the reason(s) for the rejection are to be given * **Approved** * **Approved with Caveat(s)**: in which case the caveat(s) are listed * **TRB**: the ECR is referred to an ad-hoc Technical Review Board for further evaluation and recommendation. It is the System Engineer’s (or designee’s) responsibility to organize the TRB. The System Engineer (or designee) then makes a technical decision based on the TRB’s recommendation. Links to the TRB’s documentation (charge, memos, final report, etc.) are to be added to the “Related Documents” field for this ECR. * **CCB**: a change request for approval of additional funds or schedule impact is to be submitted to the Configuration Control Board. Links to the CCB’s documentation (CR, etc.) are to be added to the “Related Documents” field for this ECR.   **Concurrence by Project Management:**  Acknowledgement/acceptance/approval of the disposition is to be indicated by the electronic “signature” feature in the DCC entry for this ECR, by one the following personnel:   * Systems Scientist * Systems Engineer * Deputy Systems Engineer | | | |