

CCR Number: 0041

CRITICALITY: URGENT

DUE: 11/26/98

DISTRIBUTION SHEET  
EO-1 LEVEL II CCB

EO-1 S/C Manager - Swales, Mike Cully  
Business Manger, Elaine Blazosky  
Systems Assurance Manger, Mike Kelly  
Systems Manger, Pete Spidalier  
New Technology Manger, Nick Speciale  
Safety Manger, Karen Fisher  
Operations Manger, Dan Mandl  
Hyperion Instrument Manger, Bill Browne  
ALI Instrument Manager, Ralph Welsh  
Observatory Manger, John Thurber  
EO-1 Project Manager, Dale Schulz  
Software Manager, Ray Whitley

**NEW MILLENNIUM PROJECT CONFIGURATION CHANGE REQUEST**

<b>PROGRAM</b> <u>EO-1</u> <b>CCR NO.</b> 0041 <b>DATE INITIATED</b> 11/26/1999	<b>TITLE</b> INCORPORATE CHANGES INTO EO-1 LFSA ICD-020 <b>ORIGINATOR</b> John Thurber <b>ORIGINATOR'S CHG. NO.</b> <b>SPONSOR/CODE</b> John Thurber <b>PHONE</b> x8360
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<b>EFFECTIVITY</b> <b>ITEM:</b> <u>EO-1 LFSA</u> <b>S / N</b> _____  <b>ITEM:</b> _____ <b>S / N</b> _____  <b>ITEM:</b> _____ <b>S / N</b> _____	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:50%;">CHANGE CLASS</th> <th style="width:50%;">TYPE OF CHANGE</th> </tr> <tr> <td style="text-align: center;">                     I    II                      PRELIMINARY    <input type="checkbox"/>   <input type="checkbox"/>                      FORMAL            <input type="checkbox"/>   <input type="checkbox"/> </td> <td style="text-align: center;">                     MILESTONE    <input type="checkbox"/>    INTERFACE    <input type="checkbox"/>    SOFTWARE    <input type="checkbox"/>                      DOCUMENT      <input checked="" type="checkbox"/>    POWER        <input type="checkbox"/>    OTHER        <input type="checkbox"/>                      COST             <input type="checkbox"/>      WEIGHT        <input type="checkbox"/>            <input type="checkbox"/> </td> </tr> <tr> <td colspan="2"> <b>DOCUMENTS OR SOFTWARE AFFECTED</b>                      EO-1 MISSION OPS CENTER (MOC) TO MISSION SCIENCE USER WORKING GROUP (MSUWG) ICD-04 - <u>ICD-020 MM</u> </td> </tr> </table>	CHANGE CLASS	TYPE OF CHANGE	I    II PRELIMINARY <input type="checkbox"/> <input type="checkbox"/> FORMAL <input type="checkbox"/> <input type="checkbox"/>	MILESTONE <input type="checkbox"/> INTERFACE <input type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENT <input checked="" type="checkbox"/> POWER <input type="checkbox"/> OTHER <input type="checkbox"/> COST <input type="checkbox"/> WEIGHT <input type="checkbox"/> <input type="checkbox"/>	<b>DOCUMENTS OR SOFTWARE AFFECTED</b> EO-1 MISSION OPS CENTER (MOC) TO MISSION SCIENCE USER WORKING GROUP (MSUWG) ICD-04 - <u>ICD-020 MM</u>	
CHANGE CLASS	TYPE OF CHANGE						
I    II PRELIMINARY <input type="checkbox"/> <input type="checkbox"/> FORMAL <input type="checkbox"/> <input type="checkbox"/>	MILESTONE <input type="checkbox"/> INTERFACE <input type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENT <input checked="" type="checkbox"/> POWER <input type="checkbox"/> OTHER <input type="checkbox"/> COST <input type="checkbox"/> WEIGHT <input type="checkbox"/> <input type="checkbox"/>						
<b>DOCUMENTS OR SOFTWARE AFFECTED</b> EO-1 MISSION OPS CENTER (MOC) TO MISSION SCIENCE USER WORKING GROUP (MSUWG) ICD-04 - <u>ICD-020 MM</u>							

**PROBLEM**

The purpose of this CCR is to implement changes to EO-1 Lightweight, Flexible Solar Array (LFSA) ICD-020. The specific changes address removal of service from a plug and terminate the wires to the backshell.

**PROPOSED SOLUTION**

Incorporate the attached Preliminary Interface Revision Notice (PIRN) 002 into EO-1 LFSA ICD-020. The signed CCR will officially update the ICD to reflect the latest changes. Future changes will be initiated by submittal of Configuration Change Requests (CCRs) and PIRNs. This document is maintained by the EO-1 Configuration Management Office.

BOARD ACTION	APPROVAL LEVEL REQUIRED	CRITICALITY LEVEL	PROCUREMENT CHANGE ORDER CLASSIFICATION		
APPROVE <input checked="" type="checkbox"/>	LEVEL I HQS <input type="checkbox"/>	EMERGENCY <input type="checkbox"/>	ROUTINE	URGENT	EMERGENCY <input type="checkbox"/>
APPROVE WITH CHANGE <input type="checkbox"/>	LEVEL II GSFC <input checked="" type="checkbox"/>	URGENT <input checked="" type="checkbox"/>	OPTION 1 <input type="checkbox"/>	OPTION 1 <input type="checkbox"/>	
DISAPPROVE <input type="checkbox"/>	LEVEL III <input type="checkbox"/>	ROUTINE <input type="checkbox"/>	OPTION 2 <input type="checkbox"/>	OPTION 2 <input type="checkbox"/>	
WITHDRAW <input type="checkbox"/>					

**COMMENTS**

*Approve to incorporate PIRN 002 into ICD-020.*

*X* CHAIRPERSON *[Signature]*      DATE *11/30/99*

**GODDARD SPACE FLIGHT CENTER**

1. PAGE 1 OF 1

PRELIMINARY SPECIFICATION CHANGE NOTICE (PSCN) No. \_\_\_\_\_

2. INIT. DATE:  
11/26/99

or

PRELIMINARY INTERFACE REVISION NOTICE (PIRN) No. 002

3. CONTRACT NUMBER

4. ASSOCIATED CONTROL NUMBERS: **EO-1CCR 0041**

5. CI'S AFFECTED:  
LFSA

6. DOCUMENT NUMBER:

REVISION:

7. DESCRIPTION OF CHANGE:

1. Delete: The following from Section 1-2 Experiment Description Power Interface:

- 5 VDC regulated: @0.8 A maximum (4 W)
- 15 VDC regulated: @0.3 A maximum (4.5 W)
- 15 VDC regulated: @50 m A maximum (0.75 W)

2. Delete: The following references from Figure 2-1 Interface Box:

+15 V            + 5 V            -15 V

3. Add: The following to J2 LFSA/EO-1 Spacecraft Interface Connector Pin Assignmt:

<u>Pin</u>	<u>Gauge</u>	<u>I/O</u>	<u>Name</u>	<u>Voltage</u>
8	24	O	+28 VDC supply	+28 VDC

4. Change the following in J-2 LFSA/EO-1 Spacecraft Interface Connector Pin Assignmt:

From:

<u>Pin</u>	<u>Gauge</u>	<u>I/O</u>	<u>Name</u>	<u>Voltage</u>
18	20	I	+15 VDC supply	+15 VDC
19	20	I	+5 VDC	+5 VDC
20	20	I	-15 VDC	-15 VDC

To:

<u>Pin</u>	<u>Gauge</u>	<u>I/O</u>	<u>Name</u>	<u>Voltage</u>
18	20	I	No connection	+15 VDC
19	20	I	No connection	+5 VDC
20	20	I	No connection	-15 VDC

PREPARED BY:  
S.Schneider/442

ORIGINATING ORGANIZATION APPROVAL:

ORGANIZATION:

DATE:

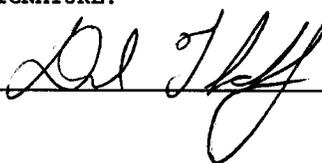
HST CCB ACTION

SIGNATURE:

DATE: 11/30/99

APPROVED:

DISAPPROVED:



MINUTES No:

From: "Karen L. Fisher" <kfisher@pop300.gsfc.nasa.gov>  
To: "Steve Schneider" <:sschneider@hst.nasa.gov>  
Subject: Re: EO-1 CCR 0041 Changes to LFSA ICD-020  
Date: Fri, 26 Nov 1999 13:19:32 -0500  
X-Mailer: Microsoft Outlook Express 5.00.2314.1300

Subject: EO-1 CCR 0041 Changes to LFSA ICD-020

> DATE: 11/26/99  
> TO: EO-1 LFSA CCB REVIEWERS  
> FROM: EO-1 Configuration Management Office (Steve Schneider)  
>  
> SUBJECT: EO-1 CCR NO.: 0041 SPONSOR: John Thurber  
>  
> ORIGINATOR AND ORIG. CHANGE NO. :  
>  
> CHANGE TITLE: INCORPORATE CHANGES INTO EO-1 LFSA ICD-020  
> RESPONSES ARE REQUIRED BY: 11/29/99 URGENT  
>  
> Please review the attached PDF file and submit this form back to the  
> CMO (Steve Schneider).  
>  
> Indicate your approval or disapproval, comments, and impact statement.  
> Impact statement should identify affected document(s), cost and or  
> schedule impact for your area of responsibility.  
>  
> Please return this form to the EO-1 CM Office (Steve Schneider) by the  
> above due date. After all required responses are received the CCR will be  
> scheduled for the CCB meeting and placed on an agenda. Sponsors will  
> be notified when a CCR is scheduled. If you cannot respond by the due  
> date, notify the CM Office of your anticipated date of completion. If  
> submitting this form electronically please type your name and date in  
> the area provided.  
>  
> APPROVED [ x ] APPROVED WITH COMMENT [ ] DISAPPROVED [ ]  
>  
> Hard Copy Marked Up Graphics Mailed Separately [ ]  
>  
> COMMENTS:  
>  
>  
>

X-Sender: speciale@pop500.gsfc.nasa.gov  
X-Mailer: Windows Eudora Pro Version 3.0.1 (32)  
Date: Fri, 26 Nov 1999 15:08:42 -0500  
To: Steve Schneider <sschneider@hst.nasa.gov>, jthurber@pop400.gsfc.nasa.gov  
From: Nicholas Speciale <speciale@popi-f.gsfc.nasa.gov>  
Subject: Re: EO-1 CCR 0041 Changes to LFSA ICD-020  
Cc: Bernie.F.Carpenter@lmco.com

Steve,John

Lockheed Martin (Bernie Carpenter) needs to be on distribution as he needs to approve it from LM point of view and execute change on LFSA.

Nick

At 12:32 PM 11/26/99 -0500, Steve Schneider wrote:

>DATE: 11/26/99  
> TO: EO-1 LFSA CCB REVIEWERS  
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>  
> APPROVED [ ] APPROVED WITH COMMENT [ ] DISAPPROVED [ ]  
>  
> Hard Copy Marked Up Graphics Mailed Separately [ ]  
>  
> COMMENTS:

>

>

>

>Attachment Converted: "c:\eudora\ATTACH\cr0041.pdf"

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