

Title:	NCTS R2.8 Release Note		
Reference:	SW-2667		
Issue:	1.0	Date:	4 January 2011



## **NCTS R2.8 Release Note**

**Reference: SW-2667**

**Issue: 1.0**

**Prepared By: Sapienza Consulting**

**Issue Date: 4 January 2011**

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# 1 Document Information

## 1.1 Change History

Date	Issue	Revision	Description of Change	Section(s) Modified
4 January 2011	1	0	First Issue	All

## 1.2 Related Documents

### 1.2.1 Applicable Documents

The following documents are applicable to the extent specified herein:

AD	Title	Author	Reference	Date
1	NCTS R2.8 User Guide	Sapienza	SW-2667	4 January 2011

### 1.2.2 Reference Documents

The following documents are not applicable but provide useful information:

RD	Title	Author	Reference	Date
1				

## 1.3 List of Abbreviations/Terms

Abbreviation/Term	Description
N/A	Not Applicable
PT	Product Tree

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## 2 Introduction

This document identifies the changes made to NCTS R2.8 (as compared to R2.7.X).

It provides:

- A high-level overview of the changes (enhancements and new functionality)
- A description of system requirements
- A summary of supported client operating systems and Internet browsers
- A detailed, screen-by-screen description of the changes made
- A description of other changes made

### 2.1 Overview of Changes

The following table highlights:

- Enhancements made to existing functionality
- New functionality implemented.

Function	Type	Change(s)
<b>Actions</b>	Enhancement(s)	<ol style="list-style-type: none"> <li>1. Searching for Actions:               <ol style="list-style-type: none"> <li>a. Screen layout revised to improve usability.</li> <li>b. Can now search against all Action-related fields (i.e. those populated by the Add/Edit screens).</li> <li>c. In addition to MS Excel, search results can now be exported to Adobe PDF format.</li> <li>d. New 'Creation Date' search criterion is provided.</li> </ol> </li> <li>2. Adding and Editing Actions:               <ol style="list-style-type: none"> <li>a. Per project, new Action types can now be defined and made visible (available).</li> <li>b. New 'Creation Date' field is provided.</li> </ol> </li> <li>3. For ADMIN roles, action types are now customisable.</li> </ol>
<b>Attachments</b>	New Functionality	<ol style="list-style-type: none"> <li>1. Searching for Attachments:               <ol style="list-style-type: none"> <li>a. Can now search against all Attachment-related fields.</li> <li>b. Search results can be exported to MS Excel and Adobe PDF format.</li> </ol> </li> </ol>
	Enhancement(s)	<ol style="list-style-type: none"> <li>1. NCs and Internal/Customer NRBs:               <ol style="list-style-type: none"> <li>a. The source of an attachment is now tracked (i.e. from NC or NRB).</li> <li>b. Attachments are now uniquely identified.</li> </ol> </li> </ol>

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Function	Type	Change(s)
<b>ECSS Q-ST-10-09C (15 Nov 08) Compliance</b>	Enhancement(s)	<p>1. For Customer NRB Dispositions, new 'RFW Approved' field is provided.</p> <p>2. When Creating, editing and searching for NCs, additional fields provided.</p> <p>3. When generating ECSS Status List and NC reports, addition fields provided.</p> <p><i>Note: On 15 November 2008, the former ECSS-Q20-09B standard (8 Mar 02) was superseded by ECSS-Q-ST-10-09C.</i></p>
<b>Help</b>	New Functionality	1. Project-specific documentation can now be downloaded.
<b>Nonconformances (NCs)</b>	Enhancement(s)	<p>1. Adding/editing NCs:</p> <ul style="list-style-type: none"> <li>a. Screen layout revised to improve usability.</li> <li>b. Can now specify private comments for a NC, including those XML-Imported from Industry NC tools.</li> <li>c. Changes are now tracked sequentially.</li> <li>d. Can now add/remove PT element using a visual PT hierarchy or PT element's textual description.</li> </ul> <p>2. Searching for NCs:</p> <ul style="list-style-type: none"> <li>a. Screen layout revised to improve usability, including collapsible/extensible sections.</li> <li>b. Can now search: <ul style="list-style-type: none"> <li>• Using all NC-related fields (i.e. as specified in the Add Nonconformance screen)</li> <li>• For NCs with or without document attachments</li> <li>• For NCs with or without NRBs</li> <li>• For NCs which are XML-Imported or -Exported</li> </ul> </li> <li>c. The 'No of Results per Page' option is now saved, as part of the Saved Query function.</li> <li>d. In addition to MS Excel, search results can now be exported to Adobe PDF format.</li> <li>e. Deleted/archived NCs are no longer visible to VIEW-ONLY, VIEW and UPDATE roles.</li> </ul>
<b>Notifications</b>	Enhancement(s)	<p>1. For NCR Notifications, can now select recipients of the e-mail notification by PT level, by the user's name or by the user's organisation.</p> <p>2. When configuring NCR Notification Groups, can now select members for a NCR Notification group, by sorting on the user names or by organisation.</p>
<b>NRB</b>	New Functionality	<p>1. Searching for NRBs:</p> <ul style="list-style-type: none"> <li>a. Can now search against all NRB-related fields.</li> <li>b. Search results can be exported to MS Excel and Adobe PDF format.</li> </ul> <p>2. For Customer NRB Dispositions, new 'RFW Approved' and 'Implementation Status' fields are provided.</p>

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Function	Type	Change(s)
	Enhancement(s)	1. NRB Participants: <ul style="list-style-type: none"> <li>a. Changes to NRB Participants are now logged.</li> <li>b. Can now filter on participant names or organisation.</li> </ul>
<b>Report: ECSS Status List</b>	Enhancement(s)	1. Modified to be further compliant with ECSS Q-ST-10-09C. 2. Now provided in MS Excel format.
<b>Report: Nonconformance</b>	Enhancement(s)	1. Modified to be further compliant with ECSS Q-ST-10-09C. 2. Attachments are now uniquely numbered and have the same identifier in NCTS.
<b>Usability</b>	New Functionality	1. When a screen is refreshed, the current context is now maintained (i.e. the same screen and tab are displayed).
	Enhancement(s)	1. For NCs and NRB screen tabs (i.e. located at the bottom of the screen), all records are now displayed (i.e. instead of only the first 5 records).
<b>XML Interface</b>	New Functionality	1. PA and ADMIN roles can now choose to be notified about successful and unsuccessful XML Imports. 2. Can now search for XML-Imported or -Exported NCs. 3. When viewing a XML-Imported NC, this is clearly indicated. 4. NCTS Homepage now indicates when a NC was last XML Imported.
	Enhancement(s)	1. Updates to XML-Imported NCs are now logged.

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### 3 System Requirements

The following table identifies the minimum system requirements for NCTS R2.8:

<b>Operating System</b>	Oracle Sun Solaris 10.X or higher
<b>Database Software</b>	Oracle OC4J 10.1.3.5 Oracle RDBMS Standard/Enterprise Edition 10.2.0.1 or higher
<b>Supporting Software (*)</b>	Oracle Application Server 10.1.3.4 or higher Sapienza Web Admin R3.5.19 or higher

(\*) For the full list of supporting software, refer to the *NCTS R2.8 Architectural Design Document (ADD)*, Sapienza SW-2489, Issue 2.0, 25 August 2010.

### 4 Client Operating System and Internet Browsers

The following table identifies the supported client operating system and Internet Browser versions:

Client Operating System	Internet Browser	Version(s)
Microsoft Windows XP Service Pack 3	Microsoft Internet Explorer	6.X, 7.X, 8.X
	Mozilla Firefox	3.6.X

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## 5 Screens (Accessed via Main Menu)

For screens which are directly accessible from the Main Menu, this section explains the:

- New screens
- Changes to existing screens

### 5.1 New Screens

This section identifies the new screens which are directly accessible from the Main Menu:

#### 5.1.1 Search ... Attachment (Attachment Search)

For all roles, it is now possible to search using attachment-specific criteria.

Attachment Search ?

<input checked="" type="checkbox"/>	<b>Attachment ID:</b>	<input type="text"/>
<input checked="" type="checkbox"/>	<b>Attachment Description:</b>	<input type="text"/>
<input checked="" type="checkbox"/>	<b>Attachment Filename:</b>	<input type="text"/>
<input checked="" type="checkbox"/>	<b>Attachment Filesize:</b>	from: <input type="text"/> Bytes <input type="button" value="v"/> to: <input type="text"/> Bytes <input type="button" value="v"/>
<input checked="" type="checkbox"/>	<b>Attachment Source:</b>	<input type="text"/>
<input checked="" type="checkbox"/>	<b>Attachment Last Updated:</b>	from: <input type="text"/> dd/mm/yy to: <input type="text"/> dd/mm/yy
<input checked="" type="checkbox"/>	<b>NCR Nr:</b>	<input type="text"/>
<input checked="" type="checkbox"/>	<b>NCR Title:</b>	<input type="text"/>
<input checked="" type="checkbox"/>	<b>Internal NRB Date:</b>	from: <input type="text"/> dd/mm/yy to: <input type="text"/> dd/mm/yy
<input checked="" type="checkbox"/>	<b>Customer NRB Date:</b>	from: <input type="text"/> dd/mm/yy to: <input type="text"/> dd/mm/yy

[Check All](#) - [Clear All](#)

No of results per page

Clicking the [Search] button will display the **Attachment Search Results** screen. See Section 6.1.1 for more information.

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### 5.1.2 Search ... NRB (NRB Search)

For all roles, it is now possible to search using NRB-specific criteria.

NRB Search ?

<input checked="" type="checkbox"/>	NCR Nr:	<input type="text"/>
<input checked="" type="checkbox"/>	NCR Title:	<input type="text"/>
<input checked="" type="checkbox"/>	NRB ID:	<input type="text"/>
<input checked="" type="checkbox"/>	Classification: Initiator:	<input type="text" value="v"/>
<input checked="" type="checkbox"/>	Classification: Customer:	<input type="text" value="v"/>
<input checked="" type="checkbox"/>	Classification: Prime:	<input type="text" value="v"/>
<input checked="" type="checkbox"/>	NRB Disposition:	<input type="text" value="v"/>
<input checked="" type="checkbox"/>	Description:	<input type="text"/>
<input checked="" type="checkbox"/>	Implementation Status:	<input type="text"/>
<input checked="" type="checkbox"/>	Ref to MoMs:	<input type="text"/>
<input checked="" type="checkbox"/>	RFW:	<input type="text" value="v"/>
<input checked="" type="checkbox"/>	RFW Ref:	<input type="text"/>
<input checked="" type="checkbox"/>	RFW Approved:	<input type="text" value="v"/>
<input checked="" type="checkbox"/>	Alert:	<input type="text" value="v"/>
<input checked="" type="checkbox"/>	Alert Ref:	<input type="text"/>
<input checked="" type="checkbox"/>	NCR Confirmed:	<input type="text" value="v"/>
<input checked="" type="checkbox"/>	NRB Date:	from: <input type="text"/> dd/mm/yy to: <input type="text"/> dd/mm/yy
<input checked="" type="checkbox"/>	Customer Notification Date:	from: <input type="text"/> dd/mm/yy to: <input type="text"/> dd/mm/yy

[Check All](#) - [Clear All](#)

No of results per page

Clicking the [Search] button will display the **NRB Search Results** screen. See Section 6.1.2 for more information.

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### 5.1.3 Admin ... Preferences (User Preferences)

For PA and Administrator roles only, it is possible to enable (or disable) notification (by e-mail) when successful and unsuccessful XML Imports are performed.

User Preferences ?

Notification for XML Import

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### 5.1.4 Help ... Project Documents (Project Specific Documents)

For all roles it is now possible to download project-specific documentation.

Note: This screen is only visible if at least 1 project-specific document was made available by the Administrator.



### 5.1.5 Other Screens

The following table identifies new screens which are directly accessible from the Main Menu:

Menu Option	Screen	Description
Admin ... Reports	Admin Report	1. Moved from 'Report ... Admin Report' menu option. (See above for details.)

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## 5.2 Existing Screens

This section identifies the changes made to existing screens which are directly accessible from the Main Menu:

### 5.2.1 NCR ... Add (Add Nonconformance)

Add Nonconformance

Company:		NCR Nr: *	<input type="text"/>
Classification:		Revision: *	<input type="text"/>
NCR Title: *	<input type="text"/>	Related Internal NCR Nr:	<input type="text"/>
Description:	<input type="text"/>		
Critical Item: *	<input type="text"/>	Detected During: *	<input type="text"/>
Subsystem:	<input type="text"/>	Model: *	<input type="text"/>
NC Observation Date: *	<input type="text"/> dd/mm/yy	Location:	<input type="text"/>
Initiator Name: *	<input type="text"/>	Initiator Date: *	<input type="text"/> dd/mm/yy
Serial Nr:	<input type="text"/>	Drawing/Part Nr:	<input type="text"/>
Supplier:	<input type="text"/>	Purchase Order:	<input type="text"/>
Procedure Nr:	<input type="text"/>	Effect On:	<input type="text"/>
Requirements Violated:	<input type="text"/>		
Category:	<input type="text"/>		
Safety Related:	<input type="text"/>		
Safety Assessment:	<input type="text"/>		
Comments:	<input type="text"/>	Note: Comments are visible to you only.	

Undo Next

Field(s)/Column(s) Affected	Modification(s)
Critical Item Detected During Description Drawing/Part Nr Effect On Initiator Name Initiator Date Location Model NC Observation Date Serial Nr Initiator Date Initiator Name Procedure Nr Purchase Order Requirements Violated	1. Position in screen changed.
Comments	1. New field added to record private comments. 2. These comments are: <ol style="list-style-type: none"> <li>Not visible to any other user</li> <li>Not XML exported to Industry.</li> <li>Preserved if the same NC is subsequently re-XML-Imported.</li> </ol>

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## 5.2.2 Search ... NCR (NCR Search)

NCR Search

Select query: Default

**NCR Description**

NCR Nr:

Revision:

NCR Title:

Related Internal NCR Nr:

Company:

Critical Item:

Description:

Detected During:

Effect On:

Initiator Name:

Item Identification:

Model:

Status:

Supplier:

**NCR Details**

**NCR Details (Dates)**

**NRBs**

**Actions**

**Attachments**

**Close-out**

**Generate**

[Check All](#) - [Clear All](#)

No of results per page 50

Field(s)/Column(s) Affected	Modification(s)
Company Critical Item Description Detected During Effect On Item Identification Model NCR Nr NCR Title Related Internal NCR Nr Revision Status Supplier	1. Moved to new 'NCR Description' expandable/collapsible section
Category Drawing/Part Nr Serial Nr Safety Related	1. Moved to new 'NCR Details' expandable/collapsible section
Initiator Date Last Update Date	1. Moved to new 'NCR Details (Dates)' expandable/collapsible section

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<b>Field(s)/Column(s) Affected</b>	<b>Modification(s)</b>
Customer Classification Disposition Initiator Classification NRB Prime Classification	1. Moved to new 'NRBs' expandable/collapsible section
Display Actions Display Open Actions	1. Moved to new 'Actions' expandable/collapsible section
Attachment Size	1. Moved to new 'Attachments' expandable/collapsible section and renamed to 'Display Attachments'.  2. Can now search for NCs with or without document attachments.
Generate ECSS Report (PDF) Generate Export (XML) Generate Archive (ZIP)	1. Moved to new 'Generate' expandable/collapsible section.
Initiator Name	1. New search criterion, provided in new 'NCR Description' expandable/collapsible section
Comments Location Procedure Nr Purchase Order Requirements Violated Safety Assessment Subsystem	1. New search criteria, provided in new 'NCR Details' expandable/collapsible section  2. New 'Subsystem' field provided.
XML	1. New search criterion field provided in new 'NCR Details' expandable/collapsible section.  2. Can now search for NCs which are XML Imported or Exported.
NC Observation Date	1. New search criterion field, provided in the new 'NCR Details (Dates)' expandable/collapsible section.
NRB Date	1. New search criterion field, provided in the new 'NRBs' expandable/collapsible section.  2. Can now search for date NRB was held.
Cause of NCR Close-out Date Close-out Reference Reason for Closure	1. New search criteria fields, provided in the new 'Close-out' expandable/collapsible section.
Output	1. MS Excel output no longer contains bullet points when 2 or more PT elements are specified.  2. Can now export to Adobe PDF.

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### 5.2.3 Search ... Action (Action Search)

#### Action Search

<input checked="" type="checkbox"/>	NCR Nr:	<input type="text"/>
<input checked="" type="checkbox"/>	Action:	<input type="text"/>
<input checked="" type="checkbox"/>	Internal Reference Nr:	<input type="text"/>
<input checked="" type="checkbox"/>	Description:	<input type="text"/>
<input checked="" type="checkbox"/>	Actionee:	<input type="text"/>
<input checked="" type="checkbox"/>	Type:	<input type="text" value="v"/>
<input checked="" type="checkbox"/>	Remark:	<input type="text"/>
<input checked="" type="checkbox"/>	Conclusion:	<input type="text"/>
<input checked="" type="checkbox"/>	Status:	<input type="text" value="Open"/> v
<input checked="" type="checkbox"/>	Creation Date:	from: <input type="text"/> dd/mm/yy to: <input type="text"/> dd/mm/yy
<input checked="" type="checkbox"/>	Due Date:	from: <input type="text"/> dd/mm/yy to: <input type="text"/> dd/mm/yy
<input checked="" type="checkbox"/>	Closed Date:	from: <input type="text"/> dd/mm/yy to: <input type="text"/> dd/mm/yy

[Check All](#) - [Clear All](#)

No of results per page  v

Field(s)/Column(s) Affected	Modification(s)
Action Actionee Conclusion Description Due Date NCR Nr Remark Status Type	1. Position in screen changed.
Type Creation Date Closed Date	1. New search criteria field
Output	1. Can now export to Adobe PDF.

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## 5.2.4 Other Screens

The following table identifies changes made to other existing screens which are directly accessible from the Main Menu:

Menu Option	Screen	Field(s)/ Column(s) Affected	Modification(s)
<b>Admin ... Data Configuration</b>	<b>Data Configuration</b>	Action Type	1. For Administrator roles only: Can now configure the 'Action Type' field. 2. Tabs are now displayed in alphabetical order.
<b>Admin ... Project Settings</b>	<b>Project Settings</b>	Project Specific Documents	1. For Administrator roles only: Create/update project-specific documentation
<b>Help ... User Guide ... User Guide (PDF)</b>	<b>User Guide</b>		1. Updated to describe R2.8.0 functionality
<b>Report ... Admin Report</b>	<b>Admin Report</b>		1. Moved to Admin menu. (See below for details.)
<b>Report ... Status List</b>	<b>Status List Report</b>	Output	1. In addition to the existing PDF output, can now generate MS Excel format. 2. Further aligned with ECSS-Q-ST-10-09C standard.
<b>Search ... Component</b>	<b>Component Search</b>		1. Deleted NCs are: <ul style="list-style-type: none"> <li>a. No longer visible VIEW-ONLY, VIEW and UPDATE roles.</li> <li>b. Visible to PA and ADMIN roles.</li> </ul>

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## 6 Screens (Not Accessed via Main Menu)

For screens which are not directly accessible from the Main Menu, this section explains the:

- New screens
- Changes to existing screens

### 6.1 New Screens

This section identifies the new screens which are not directly accessible from the Main Menu:

#### 6.1.1 Attachment Search Results

Attachment Search Results									
NCR Nr	Attach_ID	Filesize	Source	Last_Updated	INRR Date	cNRR Date			
4QUA001-0189	NC-1	89 KB	NC		23/01/07				
4QUA001-0189	ID-2	332 KB	ID		23/01/07	23/01/07			
4QUA001-0189	ID-3	50 KB	ID		23/01/07	23/01/07			
4QUA001-0197	NC-1	1.53 MB	NC		15/12/06				
4QUA001-0197	ID-2	1.53 MB	ID		15/12/06	15/12/06			
4QUA001-0205	NC-4	366 KB	NC		02/04/07				
4QUA001-0205	NC-3	233 KB	NC		31/01/07				
4QUA001-0205	NC-1	3.75 MB	NC		23/01/07				
4QUA001-0205	NC-2	387 KB	NC		26/01/07				
4QUA001-0209	NC-1	545 KB	NC		08/03/07				
4QUA001-0210	NC-1	89 KB	NC		26/04/07				
4QUA001-0211	C1-3	112 KB	C1		22/03/07				15/03/07
4QUA001-0211	NC-1	25 KB	NC		02/04/07				
4QUA001-0211	NC-2	89 KB	NC		07/03/07				
4QUA001-0217	ID-4	378 KB	ID		23/03/07	23/03/07			
4QUA001-0217	NC-2	89 KB	NC		22/03/07				
4QUA001-0217	ID-3	174 KB	ID		23/03/07	23/03/07			
4QUA001-0217	NC-1	70 KB	NC		27/03/07				
4QUA001-0226	NC-1	500 KB	NC		10/04/07				
4QUA001-0226	NC-3	110 KB	NC		10/04/07				
4QUA001-0226	NC-2	89 KB	NC		10/04/07				
4QUA001-0233	NC-1	128 KB	NC		11/05/07				
4QUA001-0234	NC-1	89 KB	NC		11/05/07				
4QUA001-0244	NC-2	104 KB	NC		07/06/07				
4QUA001-0244	NC-3	294 KB	NC		07/06/07				

27 items found, displaying 1 to 25.  
[First/Prev] 1, 2 [Next/Last]

Export options: [Excel](#) | [PDF](#)

The above screen is displayed after executing a search in the **Attachment Search** screen.

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## 6.1.2 NRB Search Results

NCR Nr	NRB ID	I.Class	C.Class	P.Class	NRB Disposition	RFW	RFW Ref	RFW Approved	Alert	Alert Ref	NCR Confirmed	NRB Date	Cust. Notif. Date
1-0153	C1	Major	Major	Minor								18/06/09	
NIRS-ASD-NC-0003	10	Major			Rework							21/11/05	
NIRS-ASD-NC-0038	11	Minor			Fix							29/11/06	
NIRS-ASD-NC-0039	11	Major			Rework							29/11/06	
NIRS-ASD-NC-0040	11	Minor			Rework							29/11/06	
NIRS-ASD-NC-0041	C1	Major			Fix					Y		29/11/06	
NIRS-ASD-NC-0042	11	Major										29/11/06	
NIRS-ASD-NC-0053	10	Minor			Rework							02/11/06	
NIRS-ASD-NC-0054	11	Minor										29/11/06	
NIRS-ASD-NC-0055	11	Minor										29/11/06	
NIRS-ASD-NC-0076	10	Minor			As is							27/10/06	
NIRS-ASD-NC-0077	C1	Major	Major	Major	Fix					Y		29/11/06	
NIRS-ASD-NC-0078	C1	Major	Major	Major	Fix					Y		29/11/06	
NIRS-ASD-NC-0096	12	Minor			Repair							02/03/07	
NIRS-ASD-NC-0099	10	Minor			Rework							19/01/07	
NIRS-ASD-NC-0133	C1	Major	Major	Major						Y		21/03/07	
NIRS-ASD-NC-0141	10	Major			Return to Supplier							17/04/07	17/04/07
NIRS-ASD-NC-0142	10	Major										17/04/07	17/04/07
NIRS-ASD-NC-0143	10	Major										17/04/07	17/04/07
NIRS-BTI-NC-0004	10	Major			As is							22/12/05	
NIRS-BTI-NC-0005	10	Major			As is							22/12/05	
NIRS-BTI-NC-0006	10	Major			Scrap							22/12/05	
NIRS-BTI-NC-0007	10	Major			As is							22/12/05	
NIRS-BTI-NC-0008	C2	Major	Major	Major	As is	Y		Y	N		Y	31/08/06	
NIRS-BTI-NC-0009	C1	Major	Major	Major	As is	Y		Y	N		Y	31/08/06	

136 items found, displaying 1 to 25.  
 [First/Prev] 1, 2, 3, 4, 5, 6 [Next/Last]

Export options: [Excel](#) | [PDF](#)

The above screen is displayed after executing a search in the **NRB Search** screen.

Title:	NCTS R2.8 Release Note		
Reference:	SW-2667		
Issue:	1.0	Date:	4 January 2011



## 6.2 Existing Screens

### 6.2.1 Nonconformance Description

Nonconformance Description

**NCR** **NRB10**

<b>Company:</b>	University of Birmingham	<b>NCR Nr: *</b>	S2-UBS-NCR-1002
<b>Classification:</b>	Minor	<b>Revision: *</b>	1
<b>NCR Title: *</b>	Transformer Inductance Out of Specification	<b>Related Internal NCR Nr:</b>	
<b>Description:</b>	Inductance are outside the specified value after burn in and after high temperature storage		
<b>Critical Item: *</b>	No	<b>Detected During: *</b>	Test
<b>Subsystem:</b>		<b>Model: *</b>	PFM
<b>NC Observation Date: *</b>	14/06/10 dd/mm/yy	<b>Location:</b>	UBS
<b>Initiator Name: *</b>	D. Jones	<b>Initiator Date: *</b>	19/06/10 dd/mm/yy
<b>Serial Nr:</b>	2-3	<b>Drawing/Part Nr:</b>	S2-UBS-DRAW-2909
<b>Supplier:</b>	UBS	<b>Purchase Order:</b>	
<b>Procedure Nr:</b>	S2-UBS-PR-3019	<b>Effect On:</b>	Interface
<b>Requirements Violated:</b>	Inductance Tolerance of 5% violated		
<b>Category:</b>	EEE		
<b>Safety Related:</b>	No		
<b>Safety Assessment:</b>	N/A		
<b>Comments:</b>	Note: Comments are visible to you only.		

Undo Refresh Delete Clone New NRB Save

NCR Items Attachments Actions Changes Notifications Linked NCRs Close-out

Item Id	Description	Company	Next Higher Assembly
LT-23	Phasemeter Assembly	University of Birmingham	LT-2

Displaying 1 - 1 of 1 Update

Tab Name	Field(s)/Column(s) Affected	Modification(s)
<b>Attachments</b>	Filesize Source	<ol style="list-style-type: none"> <li>New columns added: <ol style="list-style-type: none"> <li>Filesize: Indicates size of document attachment</li> <li>Source: Indicates where the document was attached (i.e. NC, Internal NRB or Customer NRB)</li> </ol> </li> <li>Existing 'Id' column modified to uniquely identify document attachments in NCTS and its ECSS NCR report.</li> </ol>
<b>Changes</b>	Nbr	<ol style="list-style-type: none"> <li>Former 'Rev(ision)' column renamed to 'Nbr'. Column now contains sequential numbers corresponding to the order of changes to the NC.</li> </ol>
<b>Linked NCRs</b>	NCR Nr	<ol style="list-style-type: none"> <li>Former 'Ncr Number' column renamed to 'NCR Nr'.</li> </ol>
<b>PDF (Icon)</b>		<ol style="list-style-type: none"> <li>ECSS NC Report: <ol style="list-style-type: none"> <li>All fields are re-sized to fit the information available.</li> <li>Attachments are uniquely numbered and correspond to the same numbering in the 'Attachments' tab.</li> </ol> </li> </ol>

Title:	NCTS R2.8 Release Note		
Reference:	SW-2667		
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## 6.2.2 Add/Remove Component

**Add/Remove Component Item**

**Search Type:**

- Product Tree
- Text  **Filter**

**All Components:**

- 12424412 (Tank)
- 12424414 (Emitter)
- 12424415 (Thruster Assembly)
- 1242442 (FEEP PCU)
- 1242443 (Needle Thruster Tecnology)
- 12424431 (LMIS)
- 1242444 (Neutraliser)
- 1242600 (Harness)
- 1242700 (X-Band Communications)
- 1242710 (X-Band Transponder)
- 1242720 (X-Band SSPA)
- 1242730 (RF Distribution Set)
- 1242740 (Wider Angle Antenne)
- 1242750 (High Gain Antenne)
- 1242800 (Customer Finished Equipment)
- 1242810 (LISA Test Package)
- 1242820 (Disturbance Reduction Package)
- 1243000 (Flight Software)
- 1243100 (Mission and DFACS)
- 1243200 (Data Handling and Transfer)

**Assigned Components:**

- LT-23 (Phasemeter Assembly)

Tab Name	Field(s)/Column(s) Affected	Modification(s)
		<ol style="list-style-type: none"> <li>PT element can now be selected using the following filters: <ol style="list-style-type: none"> <li>PT: Graphically, using PT hierarchy.</li> <li>Text: Using PT element textual names</li> </ol> </li> <li>'All Components' section (from which PT elements are selected) is now displayed on the left side of the screen.</li> <li>'Assigned Components' section (to which PT elements are assigned) is now displayed on the right side of the screen.</li> </ol>

Title:	NCTS R2.8 Release Note		
Reference:	SW-2667		
Issue:	1.0	Date:	4 January 2011



### 6.2.3 NCR Notification

#### NCR Notification

**Email Subject:**

NCR Notification: S2-UBS-NCR-1002 - Transformer Inductance Out of Specification

**Email Body:**

NCR Number: S2-UBS-NCR-1002  
 NCR Title: Transformer Inductance Out of Specification  
 Item Identification: LT-23(Phasemeter Assembly)  
 Next Higher Assembly: LT-2(Optical Metrology Subsystem)  
 Company: University of Birmingham  
 Model: PFM  
 Issue Date: 19/06/10  
 Classification: Minor  
 Disposition:  
 Please Reply To: troy.spetz@sapienzaconsulting.com

If you are accessing NCTS outside the ESA firewall, click:  
[https://pp-ext.sapienzaconsulting.com/ncts/home.do?command=view\\_ncr&ncrid=403&project=30](https://pp-ext.sapienzaconsulting.com/ncts/home.do?command=view_ncr&ncrid=403&project=30)

If you are accessing NCTS inside the ESA firewall, click:  
[https://pp-int.sapienzaconsulting.com/ncts/home.do?command=view\\_ncr&ncrid=403&project=30](https://pp-int.sapienzaconsulting.com/ncts/home.do?command=view_ncr&ncrid=403&project=30)

Proposed NRB Date:

Select Level:  ▾

**Possible Recipients:**

- | Name                  | Organisation             |
|-----------------------|--------------------------|
| M.Bode                | EADS Astrium - Stevenage |
| P.Brotzer             | EADS Astrium - Stevenage |
| G.Catanese            | Sapienza Consulting Ltd  |
| M.Cruise              | University of Birmingham |
| K.Danzmann            | Max-Planck-Institut für  |
| U.Denskat             | EADS Astrium - Stevenage |
| G.Dixon               | University of Birmingham |
| A.Freise              | University of Birmingham |
| C.Garcia Marirrodrgia | ESTEC                    |
| R.Gerndt              | EADS Astrium - Stevenage |
| L.Giulicchi           | ESTEC                    |
| H.Grothues            | DLR                      |
| R.Grunagel            | ESTEC                    |
| M.Holder              | University of Birmingham |
| D.Hoyland             | University of Birmingham |
| HUMEIER               | EADS Astrium GmbH FH     |
| A.Jago                | EADS Astrium - Stevenage |
| B.Johlander           | ESTEC                    |
| G.Kahl                | EADS Astrium - Stevenage |
| M.Kasper              | ESTEC                    |

**Selected Recipients:**

- |            |       |
|------------|-------|
| E.Balaguer | ESTEC |
| D.Fertin   | ESTEC |

**Distribution Groups:**

- |             |
|-------------|
| UBS Members |
|-------------|

Status: On: By:

Title:	NCTS R2.8 Release Note		
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Tab Name	Field(s)/Column(s) Affected	Modification(s)
	Recipients  Group Name	<ol style="list-style-type: none"> <li>1. Former 'Recipients' section replaced with:               <ol style="list-style-type: none"> <li>a. Possible Recipients</li> <li>b. Selected Recipients</li> </ol> </li> <li>2. New 'Select Level' picklist:               <ol style="list-style-type: none"> <li>a. Display possible recipients who have access to the same PT element as the NC is assigned (Level 0) up to and including all PT elements above the selected element (All).</li> <li>b. Select user(s) using '&gt;&gt;' button or de-select using '&lt;&lt;' button.</li> </ol> </li> <li>3. Can now sort by Name or Organisation within the 'Possible Recipients' section.</li> <li>4. Former 'Group Name' replaced with 'Distribution Groups' section. Select group using '&gt;&gt;' button or de-select group using '&lt;&lt;' button.</li> </ol>

Title:	NCTS R2.8 Release Note		
Reference:	SW-2667		
Issue:	1.0	Date:	4 January 2011



## 6.2.4 Notification Groups Configuration (Group Users tab)

Notification Groups Configuration ?

Notification Group | **Group Users**

Group:

**Possible Members:**

Name	Organization
E.Balaguer	ESTEC
M.Bode	EADS Astrium - Stevenage
P.Brotzer	EADS Astrium - Stevenage
G.Catanese	Sapienza Consulting Ltd
M.Cruise	University of Birmingham
K.Danzmann	Max-Planck-Institut für Qua
U.Denskat	EADS Astrium - Stevenage
G.Dixon	University of Birmingham
D.Fertin	ESTEC
A.Freise	University of Birmingham
C.Garcia Marirrodrga	ESTEC
R.Gerndt	EADS Astrium - Stevenage
L.Giulicchi	ESTEC
H.Grothues	DLR
R.Grunagel	ESTEC
M.Holder	University of Birmingham
D.Hoyland	University of Birmingham
HUMEIER	EADS Astrium GmbH FH
A.Jago	EADS Astrium - Stevenage
B.Johlander	ESTEC

>> <<

**Selected Members:**

Close

Tab Name	Field(s)/Column(s) Affected	Modification(s)
<b>Notification Group</b>		1. Now first tab displayed.
<b>Group Users</b>	Select Group	1. Now second tab displayed. 2. Former 'Select Group' renamed to 'Group'. 3. Selecting from the 'Group' picklist list displays a list of possible members. 4. Former 'List of Users' column replaced with 'Possible Members' and 'Selected Members'. 5. Select user(s) using '>>' button or de-select using '<<' button. 6. Possible to sort by Name or Organisation within the 'Possible Members' section. 7. Former 'Delete' button moved to 'Notification Group' tab.

Title:	NCTS R2.8 Release Note		
Reference:	SW-2667		
Issue:	1.0	Date:	4 January 2011



## 6.2.5 Link NCRs

**Link NCRs**

**All NCRs:**

- DRS-001 (Flight Thruster 2 High Voltage Bl
- DRS-003 (Cluster Dynamic Frequency And
- DRS-004 (Thruster Failure To Fire)
- DRS-006 (Cluster 1, Microvalves 2 and 3 k
- DRS-006 (Cluster 1, Microvalves 2 and 3 k
- S2-AAS-M-NCR-3-501 (Particle Generation
- S2-ALT-NC-1001 (No Thruster Emission)
- S2-ALT-NC-1002 (Missing emission at 120
- S2-ALT-NC-1003 (Primary pump failure pr
- S2-ALT-NC-1004 (Missing emission at 180
- S2-ALT-NC-1005 (LOM Motorization Margin
- S2-ALT-NC-1006 (EVT#3 - Loss of insulatic
- S2-ALT-NC-1007 (EVT#3: priming behavio
- S2-ALT-NC-1011 (EVT #4 - no emission af
- S2-ALT-NC-1012 (Capillary test #1)
- S2-ARC.NCR.2003 (Replacement of a figur
- S2-ASD-NC-3-0001 (DMU Pre-EQM: Cross
- S2-ASD-NC-3-0002 (DMU Pre-EQM: Bus C
- S2-ASD-NC-3-0003 (Actuation 1 Hz dither
- S2-ASD-NC-3-0004 (Sensing Actuation Dis

>

<

**Linked NCRs:**

- S2-ASD-SPR-3-0010 (DMU hung up after E

[Close](#)

Tab Name	Field(s)/Column(s) Affected	Modification(s)
		<ol style="list-style-type: none"> <li>1. 'All NCRs' section (from which the NCs are selected) is now displayed on the left side of the screen.</li> <li>2. 'Linked NCs' section (to which the linked NCs are assigned) is now displayed on the right side of the screen.</li> </ol>

Title:	NCTS R2.8 Release Note		
Reference:	SW-2667		
Issue:	1.0	Date:	4 January 2011



## 6.2.6 Customer NRB Disposition

Customer NRB Disposition

NCR NRB ID NRB C1

NCR Nr: S2-ALT-NC-1001 NCR Title: No Thruster Emission

Classification: Initiator: Major Customer: Major Prime: Major

NRB Disposition: Implementation Status:

Description: The assembling processes and propellant management has to be improved.

NRB Date\*: 01/06/06 Ref to MOMs: S2-HSO-MM-2001

RFW: Alert:

RFW Ref: NA Alert Ref: NA

RFW Approved: NCR Confirmed:

Undo Refresh Delete New NRB Save

Actions Attachments Participants Changes

Action	Internal Ref	Due Date	Description	Actionee	Status	Type
C1-2	S2-ALT-MM-2001-002	19/06/06	To perform the TAEM #3 post-test inspection according to the procedures defined in the MoM S2-ALT-MM-2001.	Alta	Closed	
C1-1	S2-ALT-MM-2001-01	12/06/06	Provide the BOF update plan.	Alta	Closed	

Displaying 1 - 2 of 2 << 1 >> Add

Tab Name	Field(s)/Column(s) Affected	Modification(s)
NRB <ID>	Implementation Status Alert Alert Ref RFW Ref RFW Approved	1. New 'Implementation Status' field added. 2. Position of 'Alert' and 'Alert Ref' fields changed. 3. Position of 'RFW Ref' field changed. 4. New 'RFW Approved' field added. Field can only be selected only after 'RFW' field is selected.
Attachments		1. As for the Nonconformance Description screen's 'Attachments' tab.
Changes		1. As for the Internal NRB Disposition screen's 'Changes' tab.



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## 6.2.8 Other Screens

The following table identifies changes made to other existing screens which are not directly accessible from the Main Menu:

Screen	Tab Name	Field(s)/ Column(s) Affected	Modification(s)
<b>Add Action</b>		Creation Date	1. New field added to record date when Action is created. (Defaults to current date.)
<b>Internal NRB Disposition</b>	<b>Attachments</b>		1. As for the Nonconformance Description screen's 'Attachments' tab.
	<b>Changes</b>		1. As for the Nonconformance Description screen's 'Changes' tab. 2. Changes to NRB Participants are now logged.

Title:	NCTS R2.8 Release Note		
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## 7 Other Changes

The following table identifies changes which are not covered by any of the previous sections:

Category	Change Item	Change Details
<b>Usability</b>	<b>Pop-up Screens</b>	1. Pop-up screens are re-sized to show all available function buttons.
	<b>Screen Tab Contents</b>	1. Screen tabs display all records (i.e. formerly, it was the first 5 records only)
	<b>Browser Refresh</b>	1. Using the browser's Refresh button refreshes the currently displayed screen and tab (as applicable).
<b>XML</b>	<b>XML Imported NCs</b>	1. Imported NCs are indicated with the text 'XML Imported' at top right of the Nonconformance Description screen.
	<b>Initiator Date</b>	1. The Nonconformance Description screen's 'Initiator Date' field is populated with the value provided by Industry.
	<b>Changes</b>	1. Improved logging for XML Imported NCs is provided in the Nonconformance Description screen's 'Changes' tab.
	<b>NCTS Homepage</b>	1. NCTS Homepage screen's 'Upd. Date' column is updated with the date when the NC was XML Imported.
	<b>Revision</b>	1. The Nonconformance Revision field is now correctly populated with value provided by Industry.