

ASRS Overview

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Form Processing

- **The forms are designed with Menus and Toolbars similar to those in the MS Office Products.**
- **Functions are available from Drop Down Menus on the Menu Bar.**
- **Commonly Used Functions are available as icons with hints on the Toolbar.**

Menu Bar

Action Forms Query Reports Edit Record Help

Action

Clear All
Save
Print
Exit

Forms

Requirement Maintenance
Requester Maintenance
Supplier Maintenance
Document Maintenance
Administration
Request Tracking
Security Manager
Special Processing
Copy/Move ASRS Data
Global Requirement Changes
Find/Replace Text
Requirement Priority

Query

Enter Query
Execute Query
Cancel Query
Last Criteria
Count Hits

Reports

Online Reports
Requirement Format
Standard Retrievals
DBR - Associated Document Retrieval
DBR - Level II as Level III
DBR - Suppliers Retrieval
DBR - Testcodes Retrieval
Requirements Labels Retrieval
Document Sections Retrieval
Tracking Number Retrieval
Batch Reports
Report Request
Go to Report2Web

Edit

Cut (Highlighted Data)
Copy (Highlighted Data)
Paste
Edit

Record

Previous Record
Next Record
Clear Record
New Record
Delete Record

Help

Help
Keys
List
Display

Menu Bar Processing

Action Menu

- **Clear All**
clears all the data on the form
- **Save**
saves all pending changes on the form
- **Print**
prints the current window to a file or selected printer
- **Exit**
closes the form, prompts if outstanding changes exist.

Menu Bar Processing – con't

Query Menu

- **Enter Query**
clears all the fields on the form to allow query criteria to be entered.
- **Execute Query**
retrieves all records meeting the query criteria that was entered.
- **Cancel Query**
cancels the query, clearing any criteria entered, to allow new records to be added.
- **Last Criteria**
clears all the fields on the form to allow query criteria to be entered.
- **Count Hits**
returns the number of records the entered query criteria will retrieve.

Menu Bar Processing – con't

Edit Menu

- **Cut (Highlighted Data)**
cuts the selected data from the field on copies it to the clipboard.
- **Copy (Highlighted Data)**
puts a copy of the selected data from the field onto the clipboard.
- **Paste**
pastes (inserts) the current clipboard into the current at the current cursor location.
- **Edit**
brings up the current default editor with the data in the current field.

Menu Bar Processing – con't

Record Menu

- **Previous Record**
moves focus to the record prior to the one current.
- **Next Record**
moves focus to the record after the one current.
- **Clear Record**
removes the current record from the form, but does not mark the record for deletion.
- **New Record**
inserts a blank record in the current block for insertion.
- **Delete Record**
deletes up the current default editor with the data in the current field.

Menu Bar Processing – con't

Help Menu

➤ Help

displays the properties of the current field – not very useful to the user community.

➤ Keys

produces a list of some Oracle functions and the associated hot keys.

➤ List

brings up the List of Values (LOV) for the current field if it is insert/update allowed.

➤ Display Error

displays additional error message detail for database errors. This is needed information when reporting errors to the developers.

Tool Bar



 **Save**

 **Next Record**

 **Exit**

 **Clear Form**

 **Enter Query**

 **New Record**

 **Execute Query**

 **Delete Record**

 **Cancel Query**

 **Screen Help**

 **Edit**

TEST_DEV

Security Group

 **Previous Record**

P

Environment

ASRS Entry Form



Requirement Maintenance Form

Automated Support Requirements System (ASRS)

Action Forms Query Reports Edit Record Help

TEST_DEV

Requirements Maintenance

Revision Type

Document Id **Title** **Owner Code**
Program Number **Prefix** **Published Date**

DBR Number	Approval Code	Test Codes	Associated Documents
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Approval Date
Initial Approval Date
Last Update Date
Referenced DBR

Section Number **Sequence Number** **Section Title**

R G/A Form Override **Form Number**
 Copy Text from DBR

Requirement Text Copy Text Labels Priority Requirement Format Next Form

Enter a query; press F8 to execute, Ctrl+q to cancel.
Record: 1/1 Enter-Query List of Values <OSC> <DBG>

Requirement Maintenance Form – con't

Functional Description

This form is used to enter and maintain Support Requirements. This includes associating the requirement with a Document ID, a Section Number, Test Codes, listing Associated Documents, and the text associated with the support requirement and the labels.

This form is made up of 5 blocks:

- **Requirements**
- **Requirement Text**
- **Referenced DBRs**
- **Test Codes**
- **Associated Documents**

Requirement Maintenance Form – con't

Requirement Text – R G/A

Requirement Text

Label Name: 1. DESCRIPTION:

Requirement Text: 50 72
This document defines requirements which must be met to support the FORCE spacecraft ground processing and launch from Cape Canaveral Air Station, Florida on an Orbital Sciences Pegasus XL launch vehicle.

Label Number: R03

Label Name: 1. DESCRIPTION:

Return Delete Text

Requirement Maintenance Form – con't

Requirement Text – non R G/A

The screenshot shows a window titled "Requirement Text". At the top, there is a "Label Name" field containing "1. NAME:". Below this is a list of "Label Number" entries: R03, R04, R05, R06, R07, R08, and several empty slots. The "Requirement Text" field is currently selected, showing the text "JOSEPH AQUINO (L&L R/R MANAGER & FLIGHT DBM)". The text is positioned between vertical markers at 50 and 72. At the bottom of the window, there is another "Label Name" field with "1. NAME:", a "Return" button, and a "Delete Text" button.

Requirement Maintenance Form – con't

● Copy Requirement Text from Label to Label

To DBR Number

<u>From DBR Number</u>	<u>From Label</u>	<u>To Label</u>

Requirement Priority Maintenance Form

Automated Support Requirements System (ASRS)

Action Forms Query Reports Edit Record Help

TEST_DEV

Requirement Priority

Requirements Priority Maintenance

DBR Number

Document IDs

Requirement Priority

Rationale Text 60

Requester

Enter a query: press F8 to execute, Ctrl+q to cancel.
Record: 1/1 Enter-Query <OSC> <DBG>

Requirement Priority Maintenance Form – con't

Functional Description

This form is used to maintain the Priority and Rationale Text for a requirement. This information is entered after a PRD Scrub.

This form is made up of 1 block:

Requirements

Requester/Subrequester Maintenance Form

Automated Support Requirements System

Action Forms Query Reports Edit Record Help

TEST_DEV

Requester/Subrequester Maintenance

DBR Number

Requester	Priority	Primary Indicator	Subrequester	Information Only
		<input type="checkbox"/>		<input checked="" type="checkbox"/>
		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>		<input type="checkbox"/>
		<input type="checkbox"/>		<input type="checkbox"/>

Requester Rationale

Tracking Requirement Format Next Form

Enter a query: press F8 to execute, Ctrl+q to cancel.
Record: 1/1 Enter-Query <OSC> <DBG>

Requester/Subrequester Maintenance Form – con't

Functional Description

This form is used to maintain Requesters and Subrequesters for a Support Requirement.

This form is made up of 2 blocks:

- **Requesters**
- **Subrequesters**

Tracking Number Maintenance Form

Automated Support Requirements System (ASRS)

Action Forms Query Reports Edit Record Help

TEST_DEV

Request/Response Tracking Maintenance

Request/Response Tracking Number Maintenance

DBR Number

Request Tracking Number

Response Tracking Number Supplier

Response Tracking Number	Supplier

Suppliers

Enter a query: press F8 to execute, Ctrl+q to cancel.
Record: 1/1 Enter-Query List of Values <OSC> <DBG>

Tracking Number Maintenance Form – con't

Functional Description

This form is used to maintain Request and Response Tracking Numbers. Tracking Numbers are used to track correspondence between analysts and suppliers. Request Tracking Numbers track requests to suppliers for a commitment on a requirement. Response Tracking Numbers track commitment responses from suppliers.

This form is made up of 2 blocks:

- Request Tracking
- Response Tracking

Supplier/Subsupplier Maintenance Form

Automated Support Requirements System (ASRS)

Action Forms Query Reports Edit Record Help

TEST_DEV

Supplier/Subsupplier Maintenance

DBR Number

Suppliers

<input type="text"/>	<input type="text"/>

Supplier Agency

Commitment Status Commitment Date Subordinate Commitment Status

Supplier Response 50 72

Responder

Copy Response Text from DBR Supplier

Cost \$ Use

Disposition

Subsuppliers

<input type="text"/>	<input type="text"/>

Commitment Status

Commitment Date

Subordinate Commitment Status

Information Only

Responder

Subsupplier Response 50 72

Copy Response Text from DBR Supplier
Subsupplier

Requirement Format Return to Req Maint

Enter a query: press F8 to execute, Ctrl+q to cancel.
Record: 1/1 Enter-Query <OSC> <DBG>

Supplier/Subsupplier Maintenance Form – con't

Functional Description

This form is used to maintain Suppliers, Supplier Response, and Subsuppliers for a Support Requirement.

This form is made up of 3 blocks:

- **Suppliers**
- **Supplier Response**
- **Subsuppliers**

Document Maintenance Form

Automated Support Requirements System (ASRS)

Action Forms Query Reports Edit Record Help

TEST_DEV

Documents Maintenance

Document Maintenance

Document Id **Document Title**

Status **Published Date** **Abbreviated Title**

Owner Code **Document Type** **Document Prefix** **Program Number**

Revision Control

Revision Number	Revision Date
<input type="text"/>	<input type="text"/>

Enter a query: press F8 to execute, Ctrl+q to cancel.
Record: 1/1 Enter-Query List of Values <OSC> <DBG>

Document Maintenance Form – con't

Functional Description

This form is used to enter and maintain Document Ids and associated data, including Document Revisions.

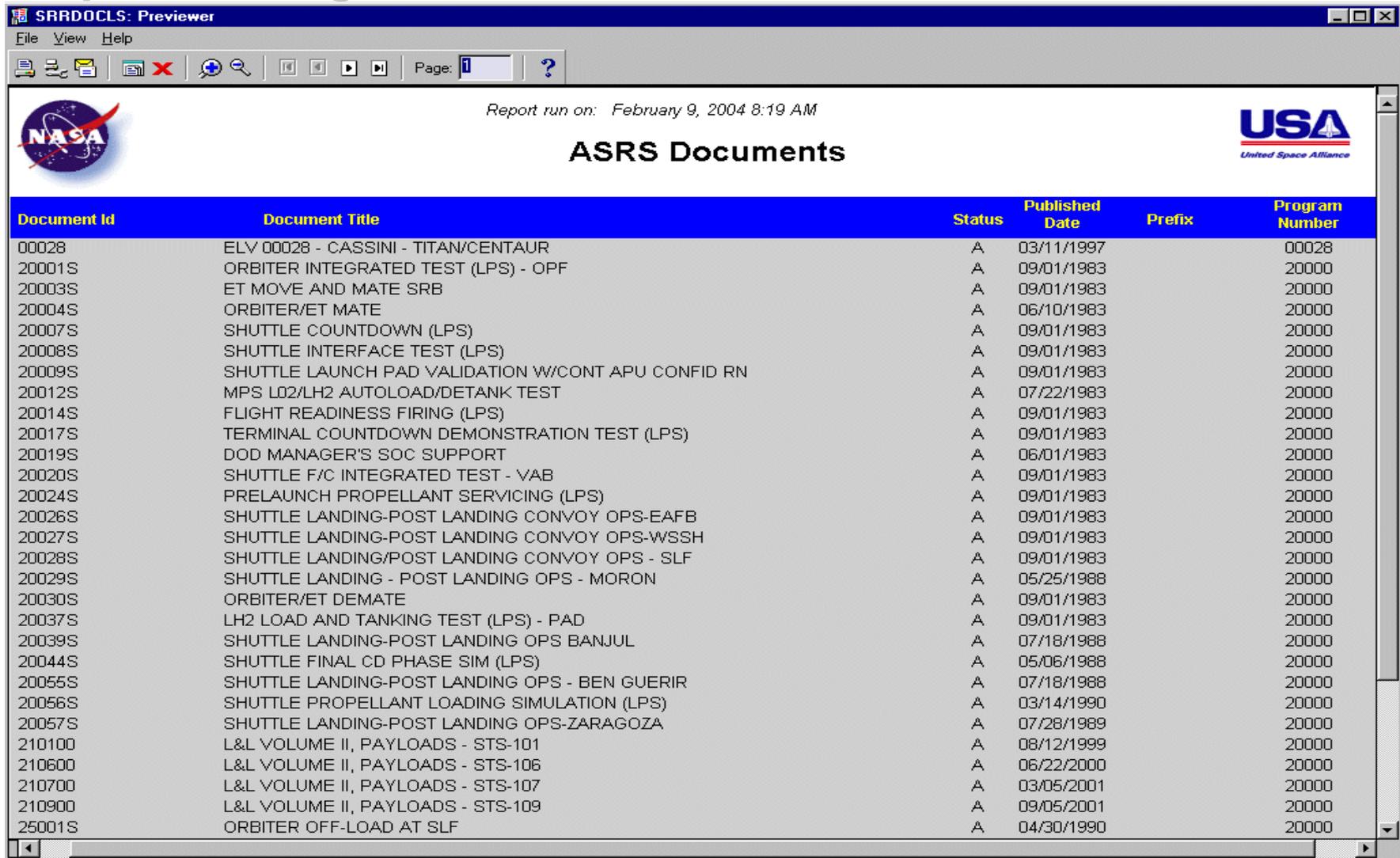
The Document Revision contains the current revision number and a history of revision for an individual document in order to support eh format for Section 1030 as defined in the UDS 501-97 document. As documents are revised, the owner of the document will add an entry to identify the new revision number and the date on which the document will be published.

This form is made up of 2 blocks:

- Documents
- Revision Control

Document Maintenance Form – con't

Report Listing of all Documents in ASRS



Report run on: February 9, 2004 8:19 AM

Document Id	Document Title	Status	Published Date	Prefix	Program Number
00028	ELV 00028 - CASSINI - TITAN/CENTAUR	A	03/11/1997		00028
20001S	ORBITER INTEGRATED TEST (LPS) - OPF	A	09/01/1983		20000
20003S	ET MOVE AND MATE SRB	A	09/01/1983		20000
20004S	ORBITER/ET MATE	A	06/10/1983		20000
20007S	SHUTTLE COUNTDOWN (LPS)	A	09/01/1983		20000
20008S	SHUTTLE INTERFACE TEST (LPS)	A	09/01/1983		20000
20009S	SHUTTLE LAUNCH PAD VALIDATION W/CONT APU CONFID RN	A	09/01/1983		20000
20012S	MPS L02/LH2 AUTOLOAD/DETANK TEST	A	07/22/1983		20000
20014S	FLIGHT READINESS FIRING (LPS)	A	09/01/1983		20000
20017S	TERMINAL COUNTDOWN DEMONSTRATION TEST (LPS)	A	09/01/1983		20000
20019S	DOD MANAGER'S SOC SUPPORT	A	06/01/1983		20000
20020S	SHUTTLE F/C INTEGRATED TEST - VAB	A	09/01/1983		20000
20024S	PRELAUNCH PROPELLANT SERVICING (LPS)	A	09/01/1983		20000
20026S	SHUTTLE LANDING-POST LANDING CONVOY OPS-EAFB	A	09/01/1983		20000
20027S	SHUTTLE LANDING-POST LANDING CONVOY OPS-WSSH	A	09/01/1983		20000
20028S	SHUTTLE LANDING/POST LANDING CONVOY OPS - SLF	A	09/01/1983		20000
20029S	SHUTTLE LANDING - POST LANDING OPS - MORON	A	05/25/1988		20000
20030S	ORBITER/ET DEMATE	A	09/01/1983		20000
20037S	LH2 LOAD AND TANKING TEST (LPS) - PAD	A	09/01/1983		20000
20039S	SHUTTLE LANDING-POST LANDING OPS BANJUL	A	07/18/1988		20000
20044S	SHUTTLE FINAL CD PHASE SIM (LPS)	A	05/06/1988		20000
20055S	SHUTTLE LANDING-POST LANDING OPS - BEN GUERIR	A	07/18/1988		20000
20056S	SHUTTLE PROPELLANT LOADING SIMULATION (LPS)	A	03/14/1990		20000
20057S	SHUTTLE LANDING-POST LANDING OPS-ZARAGOZA	A	07/28/1989		20000
210100	L&L VOLUME II, PAYLOADS - STS-101	A	08/12/1999		20000
210600	L&L VOLUME II, PAYLOADS - STS-106	A	06/22/2000		20000
210700	L&L VOLUME II, PAYLOADS - STS-107	A	03/05/2001		20000
210900	L&L VOLUME II, PAYLOADS - STS-109	A	09/05/2001		20000
25001S	ORBITER OFF-LOAD AT SLF	A	04/30/1990		20000

Administration Maintenance Form – con't

● **Functional Description**

This form is broken into two separate tabs(pages). Data change permissions are restricted to the ADMIN Security Group.

The Legal Values Tab is used to enter and maintain the legal values for various data elements throughout ASRS. Legal Values may also be marked as Inactive, allowing the existing records to be valid while not allowing new records to be added with them.

The Sections/Labels Tab is used to enter and maintain the ASRS Sections and Labels for the sections.

● **This form is made up of 3 blocks:**

- **Legal Values**
- **Sections**
- **Labels**

Security Manager Form

Automated Support Requirements System (ASRS)

Action Forms Query Reports Edit Record Help

TEST_DEV

Security Manager

Security Management

Userid	Owner Code

Enter a query: press F8 to execute, Ctrl+q to cancel.
Record: 1/1 Enter-Query List of Values <OSC> <DBG>

Security Manager Form – con't

Functional Description

This form is used to maintain the users with permissions to update documents in certain owner codes. Data change permissions are restricted to the SECURITY Security Group.

This form is made up of 1 block:

Security

Copy/Move ASRS Data Form

Automated Support Requirements System (ASRS)

Action Forms Query Reports Edit Record Help

TEST_DEV

Copy/Move Requirements

Select an Action:

- Copy An Entire Level II Document to a New Level II Document (new DBRs)
- Move Prefix(es) to a New/Existing Level III Document (same DBRs, Approval Code of NEW)
- Move Prefix(es) to an Existing Level III Document (same DBRs)
- Move An Entire Level III Document to a New Level III Document (same DBRs)

Then Enter:

	<u>From</u>	<u>To</u>
Document ID	<input type="text"/>	<input type="text"/>
Approval Code	<input type="text" value="DFT"/>	
Approval Date	<input type="text" value="02/04/2004"/>	

Copy Test Codes

Initiate Cancel

Selection for which option of Copy Move wanted.
Record: 1/1 <OSC> <DBG>

Copy/Move ASRS Data Form – con't

Functional Description

This form is used to move or copy DBRs from one document to another. There are four different options available:

- **Copy an entire Level II Document to a new Level II Document (New DBRs)**
- **Move Prefix(es) to a new/existing Level III (same DBRs, Approval Code set to NEW)**
- **Move Prefix(es) to an existing Level III (same DBRs)**
- **Move an entire Level III Document to a new Level III Document (same DBRs)**

Global Requirement Changes Form

Automated Support Requirements System (ASRS)

Action Forms Help

TEST_DEV

Global Requirements Changes

Global Requirement Changes

You must enter a valid Document ID before performing any other operation:

Number of Requirements Changed:

Document Information Document ID: <input type="text"/> Section Number: <input type="text"/>	Change SubRequester From: <input type="text"/> To: <input type="text"/> SubRequester: <input type="text"/> <input type="text"/>
Change Approval Code Approval Code: <input type="text"/> From: <input type="text"/> To: <input type="text"/> Change Approval Date to: <input type="text"/>	Change Supplier Agency From: <input type="text"/> To: <input type="text"/> Supplier Agency: <input type="text"/> <input type="text"/>
Change Approval Date From: <input type="text"/> To: <input type="text"/> Approval Date: <input type="text"/> <input type="text"/>	Change SubSupplier From: <input type="text"/> To: <input type="text"/> SubSupplier: <input type="text"/> <input type="text"/> Qualify SubSupplier with Supplier: <input type="checkbox"/> <input type="text"/>
Change Text Code From: <input type="text"/> To: <input type="text"/> Text Code: <input type="text"/> <input type="text"/>	

Document ID
Record: 1/1 List of Values <OSC> <DBG>

Global Requirement Changes Form – con't

Functional Description

This form is used to change Support Requirement data for and entire document or a particular section within a document.

Find/Replace Text Form

Automated Support Requirements System (ASRS)

Action Forms Query Reports Edit Record Help

TEST_DEV

Find/Replace Text

Document Id: **Range of Sections(optional): From:** **to:**

Find Text:

Replacement Text(optional):

Select One:

- Requirements Text
- Requirement Rationale
- Requester Rationale
- Supplier Responses
- SubSupplier Responses

Replace

Find

Cancel/Clear

Total Number of DBRs:

DBRs containing 'Find Text':

DBR Report

The Report will list the DBRs shown here.

Document Id
Record: 1/1

List of Values <OSC> <DBG>

Find/Replace Text– con't

Functional Description

This form is used to find and/or replace strings in text fields associated to a Support Requirement. A report can be run showing the DBRs in which the string was found or replaced. This can be done for the following fields:

- **Requirement Text**
- **Requirement Rationale**
- **Requester Rationale**
- **Supplier Response**
- **Subsupplier Response**

Requirement Format Request Form

The screenshot shows a web browser window titled "Automated Support Requirements System". The browser's address bar contains "TEST_DEV" and "P". The main content area is titled "Requirement Format Request" and contains the following elements:

- A text prompt: "Please enter a DBR Number:" followed by an empty text input field.
- Two buttons: "Submit Report" and "Clear Form".
- A note: "Note: Report will take some time to generate. Please be patient."

At the bottom of the browser window, the status bar shows "Record: 1/1" and "List of Values <OSC> <DBG>".

Requirement Format Request – con't

Functional Description

This form is used to request a formatted report for a specific support requirement. The DBR Number can either be filled in or if coming from one of the Requirement entry forms, the DBR is defaulted to the current record on the form.

Requirement Report Request – con't

Functional Description

This form is used to select and display information about desired documents. The form allows you to enter parameters used to generate ASRS formatted reports. You may select reports for specific DBR Numbers or for other combinations of parameters.

Standard Retrieval Reports

● There are several standard retrieval reports that may be requested:

- **DBR Associated Documents Retrieval**
- **DBR Level II as Level III Retrieval**
- **DBR Suppliers Retrieval**
- **DBR Test Code Retrieval**
- **Requirement Labels Retrieval**
- **Document Section Retrieval**
- **Tracking Number Retrieval**

DBR Associated Documents Retrieval Report

SRRASDOC: Runtime Parameter Form

File Edit View Help

Report Parameters
Enter values for the parameters

Dbr Number

SRRASDOC: Previewer

File View Help

Report run on: 02-09-04 07:18:58 by CORBINDK

 **DBR Number:** 19 

Total Associated Documents for DBR: 0 Page: 1 of 1

Associated Documents

DBR Level II as Level III Retrieval Report

SRRLEVEL: Runtime Parameter Form

File Edit View Help

Report Parameters

Enter values for the parameters

Dbn Number

SRRLEVEL: Previewer

File View Help

Report run on: 02-09-04 07:19:35 by CORBINDK

DBR Number: 545454

Total DBR/Documents referencing DBR: 3

Page: 1 of 1

DBR Number	Document Id
554051	39200
551059	39700
554048	39700

DBR Suppliers Retrieval Report

SRRRQSUP: Runtime Parameter Form

File Edit View Help

Report Parameters
Enter values for the parameters

Dbr Number

SRRRQSUP: Previewer

File View Help

Report run on: 02-09-04 07:20:14 by CORBINDK

DBR Number: 19

Total Suppliers for DBR: 2 Page: 1 of 1

Suppliers

GSFC
KSC

DBR Test Code Retrieval Report

SRRTSTCD: Runtime Parameter Form

File Edit View Help

Report Parameters

Enter values for the parameters

Dbr Number

SRRTSTCD: Previewer

File View Help

Report run on: 02-09-04 07:20:51 by CORBINDK

DBR Number: 19

Total Testcodes for DBR: 5 Page: 1 of 1

Testcodes

- F51L01
- KSC
- MIL
- PREFLT
- STS51L

Document Section Retrieval Report

SRRCSEC: Runtime Parameter Form

File Edit View Help

Report Parameters
Enter values for the parameters

Doc Id

SRRCSEC: Previewer

File View Help

Report run on: 02-09-04 08:15:04 by CORBINDK

Document ID: 00028

Total Sections in Document: 23 Page: 1 of 1

Section Numbers

- 1000
- 1010A
- 1010B
- 1020
- 1050
- 1051
- 1052
- 1060
- 1405
- 2200
- 2400
- 2413
- 2700
- 2730
- 2734
- 2740
- 2750
- 2752
- 2755

Tracking Number Retrieval Report

SRRTKMN: Runtime Parameter Form

File Edit View Help

Report Parameters

Enter values for the parameters

Tracking Number

SRRTKMN: Previewer

File View Help

Report run on: 02-09-04 08:15:41 by CORBINDK

Tracking Number: 095-1

Total Number of DBRs: 1

Page: 1 of 1

DBR Numbers

12640