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AUTOMATED SUPPORT REQUIREMENT SYSTEM

USER'S GUIDE

FOR

NONDATA ENTRY PERSONNEL

SPACE SHUTTLE

National Aeronautics and
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JOHN F. KENNEDY SPACE CENTER

AUTOMATED SUPPORT REQUIREMENT SYSTEM

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LIST OF DEFINITIONS/ABBREVIATIONS/ACRONYMS

ASRS	Automated Support Requirements System
C/R	Carriage Return
DEC	Data Element Code
DPS8	Data Processing System (8)
DMIV	Data Management IV
GE	Greater than or equal
ID	Identification
GCOS8	General Comprehensive Operating System (8)
KDMS	Kennedy Data Management System
LT	Less than
SPDMS	Shuttle Processing Data Management System
SRS	Support Requirements System. This system communicates support requirements between the operations and support organizations within KSC, and between other NASA centers and/or government agencies and KSC (UDS).
TPAP	Transaction Processing Applications Program
TPE	Transaction Processing Executive
TSS	Time-Sharing System; a subsystem of the Honeywell computer which allows users to communicate with the ASRS on-line system.
UDS	Universal Documentation System; the standard documentation system that has been approved by DOD and NASA to provide commom documentation of programs, operations, and test support requirements.
USER	An individual who retrieves or updates information in the database.
USERID	User Identification

SECTION 1

INTRODUCTION

1.1 GENERAL

ASRS provides the capability to process intercenter/agency support requirements and commitments necessary for support of the Space Shuttle Launch and Landing, Flight, and Cargo operations.

This document contains the instructions and commands that users will be allowed to utilize. Data entry personnel have a separate users guide that gives instructions and commands applicable to their use.

1.2 SYSTEM OVERVIEW

ASRS utilizes a data base stored on a Honeywell DPS8 computer.

ASRS programs are written in COBOL 74, IDS II, utilizing the Honeywell DMIV-TP Processing System and the GCOS8 Operating System; they can also be accessed through Telenet or Datanet.

1.2.1 DMIV Report Retrieval

Terminal directly accessing DMIV must be compatible with the DPS8 computer and have full screen edit capability. At the present Omron/Ramtek, televideo 970, Hewlett Packard 23392A, Honeywell VIP 7801 and VIP 7813 terminals are compatible.

Retrieval by this method is accomplished by direct access to information in the data base, and the display of this data on the terminal screen.

1.2.2 TSS, Report Retrieval

Terminal accessing of the DMIV data base via TSS as batch jobs are not required to have full screen edit capability. Most terminals including those in paragraph 1.2.1, Hazeltines, etc. are capable of performing this function.

Retrieval by this method is accomplished through accessing the data base as a batch job. The retrieval information is stored in a pre-allocated file, and is not automatically displayed on the terminal screen as the information is retrieved. The information can be displayed on the termination of the job by listing the file designated.

SECTION 2

Log On/Off Procedures

2.1 DMIV Procedures

2.1.1 DMIV Log On

This section describes the procedures required to sign on to DMIV-TP and how to process transactions using any of the SPDMS application systems. DMIV-TP provides the ability to enter transactions through remote terminals which can access SPDMS application system data bases allowing for retrieval of information.

TELENET LOG ON PROCEDURE (PREPS):

o DIAL THE TELENET ACCESS NUMBER

When you hear a high-pitched tone, place the telephone handset in the acoustic coupler. (If you have a Data-phone, press the DATA button.)
Tel._____

o For full-duplex transmission, TYPE TWO CARRIAGE RETURNS.

CR CR

For half-duplex transmission, TYPE CARRIAGE RETURN, SEMI-COLON, CARRIAGE RETURN.

CR ; CR

o Telenet will respond with a network herald followed by your terminal port address and prompt you to identify your terminal model.
ENTER THE TWO CHARACTER ID FOR YOUR TERMINAL.

TELENET
202 08C

TERMINAL = CR

o In response to the Telenet prompt character @, TYPE C FOR "CONNECT," SKIP A SPACE AND TYPE THE NETWORK ADDRESS OF YOUR COMPUTER.

@ C SP CR

(NOTE: SEE ITEM 4. BELOW FOR FURTHER INSTRUCTIONS.)

DIAL-UP LOG ON PROCEDURE (PREPS):

- o Turn on all switches (CRT, Coupler and printer).
- o Dial System E Computer. The numbers to be used will be supplied to you_____. Listen to the phone for a high pitched signal. Then place the phone in the coupler.
- o Wait for carrier signal.
- o Press carriage return.
- o WAIT - the system will respond with a message as follows:
  $$ 50 DEVICE TYPE IDENTIFIER:

(NOTE: SEE ITEM 4. FOR FURTHER INSTRUCTIONS.)

PENRIL MODEM LOG-ON PROCEDURE (PREPS):

1. Using a dial-up modem connected to the switcher, or a push-button type modem, evoke the Request Response (dial-up will automatically display the Request Response; pushbutton requires entry of "RS".

2. Key in the directory name (contact ASRS System Manager) followed by a CR.

NOTE: Depending on duplex echo settings, characters entered may or may not be "echoed" back on the display screen. If not, restart by keying in CTRL, SHIFT, and RESET simultaneously.

Response on Display screen: Password?

2a. Key in 3 characters password (contact ASRS System Manager) followed by a CR.

Response on display screen: ONLINE

3. Key in "H"

Response on display screen: $$50 DEVICE TYPE IDENTIFIER:

4. Key in "CRTF" (for HP 2392A, OMRON, or TELEVIDEO) or "TXT7801" (for VIP7801) followed by a CR.

Response on display screen:

```
$$ 00 *DSA200 DNS UPDT5 14* PAT:  OW332/1W317/2W332 *
SSY:KSC-DMS***
$$ 10 TERMINAL ID=TY00 NODE ID=KDX MODEL=CRTF
$%$
```

5. Key in "CN TPKSC" followed by a CR.
   Response on display screen:

   $$ 01 KSCONL /KDE IS CONNECTED
   Logical ID _____ followed by a CR.

6. Key in the 4-character Logical ID (LID) (contact ASRS System Manager). Acceptance of a valid LID indicates that connection to DMIV-TP is now complete.

   Response on display screen: TP READY ** HELLO ** (LID)

7. Key in "TPLOGAx".

NOTE: The "x" shown is the terminal designator. Replacing the "x" with a CR indicates use of an OMRON; a "P" indicates an HP 2392A; a "T" indicates a TELEVIDEO; and an "8" indicates a VIP7801. The "P", "T" and "8" options must be followed by a CR.

8. Once the terminal type has been identified, the DMIV-TP sign on main menu screen will appear as shown below:

TPLOGB KENNEDY DATA MANAGEMENT SYSTEMS

USERID - ?_____
DEPARTMENT - ?_____ (HIDDEN FIELD FOR PASSWORD)
FUNCTION - ?_____

FUNCTION CRITERIA

AGOSS	=A	OMD	=O
ALRUTS	=B	ORD	=E
AMDCS	=C	OUTPER	=N
ASRS	=G	PIRTS	=L
FKIT	=F	PRACA	=P
IFR	=I	RAF	=R
ISIS	=K	STF	=S
JCF	=J	TCRS	=H
MODMAN	=M	TCTS	=T
OMI	=D	WILMA	=W

DONE = Z

To complete the sign on procedure, key in the USERID, DEPARTMENT, and Password (which is a hidden field immediately following the DEPARTMENT field, here depicted by parenthesis but not actually displayed on the screen). Choose an option and key in the appropriate letter from the "FUNCTION CRITERIA" Listing to access a specific SPDMS application system; or key in "Z" to log off the DMIV-TP System and return to TSS.

NOTE: If the USERID, DEPARTMENT, or Password are less than the maximum allowable characters, use the KEYPAD TAB key to position the cursor at the next required input field.

9. When the Log-on screen has been completely filled out depress the FRAME TRANSMIT (OMRON), KEYPAD SEND KEY (HP 2392A or TELEVIDEO), or TRANSMIT (VID7801) Key; the software will check the USERID, DEPARTMENT, and Password for valid update and retrieval capabilities. If these checks do not pass, a message is displayed indicating the log-on is incorrect and to try again. If the log-on is successful, the software displays a menu screen corresponding to the system specified in the FUNCTION field.

   After the Security/Log-On input is processed, ;the menu screen for the application entered on the FUNCTION Line of the log-on screen is displayed on the terminal. Refer to the section 3 for detailed instructions about entries displayed on the screen.

2.1.2 DMIV LOG OFF

To sign off from any application screen, use the HOME Key to move the cursor to Line 1, and position the cursor at the SYSTEM Field.

Key in "DONE" to sign off DMIV-TP and depress the FRAME TRANSMIT (OMRON), SEND (HP 2392A or TELEVIDEO), or TRANSMIT (VIP7801) Key.

Response on display screen:

THIS IS SDS TP GOODBYE

TO CONTINUE	THEN TYPE NEXT LOGICAL-ID

NOTE: At this point, if you prefer, use the substituted JDAC procedure to get from TSS to DMIV or DMIV to TSS by pressing CTRL "C" followed by CTRL "W". Then the computer responds with prompt $%$ for connection input information for TSS or DMIV (TPKSC). (Example: $%$ CN _ TSS or $%$ CN _ TPKSC.)

TELENET LOG-OFF PROCEDURE:

TO DISCONNECT
Telenet will send you a "disconnected" message.
address DISCONNECTED

If you do not automatically receive a "disconnected" message, TYPE CARRIAGE RETURN, @, CARRIAGE RETURN. In response to the @ sign, TYPE D. You will receive a disconnected message.

CR @ CR
D CR

address DISCONNECTED
HANG UP TO DISCONNECT FROM TELENET.

DIAL-UP AND PENRIL MODEM LOG-OFF PROCEDURE:

Hold down the CTRL Key and key in "W".

Response on display screen: $%$

On the HP 2392A, TELEVIDEO, or VIP7801 simply enter "DIS"; on the OMRON, depress the KSR MODE Key and enter "DIS". Depress FRAME TRANSMIT for the VIP7801 or the RETURN Key for either of the other terminals.

The terminal will respond as follows with the disconnect:

$$ 02 SDSTP IS DISCONNECTED REASON: XFF
$$ 09 BYE

2.2 TSS Procedures

2.2.1 TSS Log on

To sign onto the terminal for time-sharing, use section 2.1.1 DMIV-Log on (Preps) of this document to reach the following Datanet-8 message:

```
$$ 50 DEVICE TYPE IDENTIFIER:
```

Key in TTYX for Telenet users, and for KSC users press CR.

Response on display screen:

```
$$  00 *DSA200 DNS UPDT5  14* PAT:  OW332/1W317/2W332 * SYS:
    KSC-DMS  ***
$$  10 TERMINAL ID=TY60  NODE ID=KDO   MODEL=TTYX
$%$XX,YYY,ZZZ
```

Enter input in the format XX, YYY, ZZZ

Replace "XX" with "CN"; "YYY" with "TSS"; and "ZZZ" with "KDE". Depress the CR.

Now, on System "E" time-sharing, the system will display:

```
$$ 01 TSS      /KDE  IS CONNECTED
TSS PRI-E ON 06/21/84 (84173) AT 9.648 CHANNEL 0123 TS1
USER ID -
```

Enter input in the format AAAAAA

Replace "AAAAAA" with the time-sharing USERID and depress the CR.

Response on display screen:

```
PASSWORD--
```

Enter input in the format BBBBBBBB

Replace "BBBB" with the Password for the USERID previously entered, and depress the CR.

Response on display screen:

```
RECOVERY CATALOG ?
```

Enter either the name of the recovery file followed by a CR, or only the CR if no recovery ability is required.

The system response will be similar to the following:

```
4808 BLOCKS FILE SPACE AVAILABLE
**03.515**TSS WILL BE OPERATIONAL UNTIL 0300 AM 06/22/84
```

After the prompt (>) enter "ASRS" to access DMIV portion of TSS (see section 4 of this document or instructions for Retrieving Reports). Detailed.

2.2.2 TSS LOG OFF

To log-off TSS, respond to the time-sharing prompt (>) with "BYE".

TELENET LOG-OFF PROCEDURE:

TO DISCONNECT
Telenet will send you a "disconnected" message.
address DISCONNECTED

If you do not automatically receive a "disconnected" message, TYPE CARRIAGE RETURN, @, CARRIAGE RETURN. In response to the @ sign, TYPE D. You will receive a disconnected message.

```
CR     @     CR
   D     CR
address.  DISCONNECTED
HANG UP TO DISCONNECT FROM TELENET.
```

DIAL-UP AND PENRIL MODEM LOG-OFF PROCEDURE:

Response on display screen:

```
**COST:  $ 0.12 TO DATE:  $ 8262.39= 41%
**ON AT  9.648 - OFF AT 9.661 ON  6/24/84
$$ 02 TSS  IS DISCONNECTED REASON: X01
```

SECTION 3

DMIV REPORT RETRIEVAL PROCEDURES

This section presents unique DMIV functions written specially for ASRS.

Each DMIV Function begins with a descriptive purpose followed by examples that illustrate the use of the procedure. All messages asssociated with the function are also explained.

3.1 ASRS MAIN MENU (SSRS)

3.1.1 Purpose

The ASRS Main Menu provides the processing capabilities within ASRS; by entering a specific Action Code and Function Code, the required screen is displayed for entering data.

3.1.2 Screen Format

```
GSSRSB  SYSTEM? ASRS     SUPPORT REQUIREMENTS MAIN MENU
NEXT?_____

ACTION          FUNCTION        NAME
------          --------        ----------------------------
R               DOC             DOCUMENTS
S               REQ             REQUIREMENTS
R               EDT               REQUIREMENT TEXT
R               TEX               INITIAL REQUIREMENT TEXT
R               SRQ               SUBREQUESTOR
R               SPL             SUPPLIER
R               SSY               SUBSUPPLIER
R               RSP               RESPONSES
S               RPT             REPORTS
R               NOT             NOTICES
R               DEC             DATA ELEMENT CODES
R               UDS             UDS FORMS
R               PER             ASRS PERMISSIONS

NEXT? BLANK = PROCESS       M = MENU
```

3.1.3 Key Fields

NEXT? RDOC = Retrieve document information
SREQ = Retrieve requirement
REDT = Retrieve requiremnet text
RSRQ = Retrieve subrequestors
RSPL = Retrieve suppliers
RSSY = Retrieve subsuppliers
RRSP = Retrieve supplier response
SRPT = Print reports
RNOT = Retrieve notices
RDEC = Retrieve data element codes
RUDS = Retrieve UDS forms
RPER = Retrieve permissions

3.1.4 Functions

- DOC Function - Provides the capability to maintain and inquire the document information within the ASRS database. The following process is available within the DOC function.

  RDOC = Retrieve document information

- REQ Function - Provides the capability to maintiain and inquire the requirement information within the ASRS database. The following processes are available within the REQ function.

  RREQ = Retrieve requirement
  REDT = Retrieve requirement text
  RSRQ = Retrieve subrequestors

- SPL Function - Provides the capability to maintain and inquire the supplier information within the ASRS database. The following processes are available within the SPL function.

  RSPL = Retrieve suppliers
  RSSY = Retrieve subsuppliers
  RRSP = Retrieve supplier response

- RPT Function - Provides the capability to select an ASRS report. The following process transfers control to the Report Selection Menu.

  SRPT = Select reports

- NOT Function - Provides the capability to list and delete the ASRS automatic requirement notices. The following processes are available for the NOT function.

  DNOT = Delete notices
  RNOT = Retrieve notices

- DEC Function - Provides the capability to maintain and inquire the data element information within the ASRS database. The following process is available within the DEC function.

  RDEC = Retrieve data element codes

- UDS Function - Provides the capability to maintain and inquire the UDS format information within the ASRS Database. The following process is available within the UDS function.

  RUDS = Retrieve UDS forms

- PER Function - Provides the capability to maintain and inquire the permission information within the ASRS database. The following process is available within the PER function.

  RPER = Retrieve permissions

3.1.5 Data Fields

None

3.1.6 Messages

- INVALID MENU SELECTION
  The Action Code and Function Code entered are not on the menu; reenter a valid selection.
  reenter a valid selection.

3.2 Retrieving Documents (RDOC)

3.2.1 Purpose

The Retrieving Document Types Screen (RDOC) is used to display document information and all the sections that exist for the document.

3.2.2 Screen Format

```
GRDOCB  SYSTEM? ASRS          RETRIEVING DOCUMENT TYPES SECTIONS
NEXT?_____

DOCUMENT NUMBER:____?_____          DOCUMENT ORIGINATION:

DOCUMENT TYPE:
PROGRAM TITLE:
ABBREV. TITLE:
PROGRAM NUMBER:                     DOCUMENT PREFIX:
DOCUMENT AS OF DATE:

SECTIONS        SECTIONS        SECTIONS        SECTIONS        SECTIONS
--------        --------        --------        --------        --------

NEXT?  BLANK=PROCESS     M=MENU
```

3.2.3 Key Fields

NEXT? M = System Menu
Blank = Process screen

DOCUMENT NUMBER = 12-character field to uniquely identify document information.

3.2.4 Functions

All information for the input DOCUMENT NUMBER is displayed on the screen; this includes all section numbers within the document. If more sections exist for a DOCUMENT NUMBER, they are displayed by transmitting the screen until the "TX COMPLETED" message is returned.

3.2.5 Data Fields

LABEL	SIZE	DEFINTION
DOCUMENT NUMBER	12AN	Mandatory
ORGINATION	1AN	
DOCUMENT TYPE	3AN	
PROGRAM TITLE	50AN	
ABBREV. TITLE	24AN	
PROGRAM NUMBER	24AN	
DOCUMENT PREFIX	3AN	
DOUCMENT AS OF DATE	6AN	
SECTIONS	4An	A maximum of 40 section numbers are displayed.

3.2.6 Messages

- TX COMPLETED
  All the information for the document has been displayed.

- FOR ADDITIONAL DATA TRANSMIT SCREEN
  More information still exists for the document; if it is desired to see more data, transmit the screen.

- TX REJECTED DOCUMENT NOT FOUND
  Input DOCUMENT NUMBER has not been found; verify and reenter the transaction.

- DB ERROR RDOC-XXXX-X 9999999
  Database error; report the entire message to the ASRS System Control Center immediately.

3.3 Retrieving Requirements Submenu (SREQ)

3.3.1 Purpose

The Retrieving Requirements Submenu Screen (SREQ) is used to select the options available for retrieving requirements.

3.3.2 Screen Format

```
GRREQB     SYSTEM? ASRS          RETRIEVING REQUIREMENTS

NEXT?_____

        ACTION      FUNCTION          NAME
        ------      --------          ----
          R           RQC             CONNECTORS
          R           RQL             LABELS
          R           RQS             SUPPLIERS
          R           RQA             ALL

NEXT? BLANK = PROCESS      M = MENU
```

3.3.3 Key Fields

NEXT?	M	= System Menu
	Blank	= Process screen
	RRQC	= Retrieving requirement connectors
	RRQL	= Retrieving requirement labels
	RRQS	= Retrieving requirement suppliers
	RRQA	= Retrieving in succession all above screens

3.3.4 Functions

The Retrieving Requirements Screen permits selection of the retrieving option needed for reviewing requirements. Selection of options RRQC, RRQL or RRQS, results in display of the appropriate screen. Selection of option RRQA results in display of an automatic sequence of all three of these screens.

3.3.5 Data Fields

None

3.3.6 Messages

None

3.4 Retrieving Requirement-Connectors (RRQC)

3.4.1 Purpose

The Retrieving Requirement-Connectors Screen (RRQC) is used to display requirement information and all document numbers and TEST CODES that exist for the requirement.

3.4.2 Screen Format

```
GRRQCB      SYSTEM? ASRS          RETRIEVING REQUIREMENT-CONNECTORS

NEXT?_____                  _____________________________________

DBR NUMBER:_____?_____

UDS SECTION NO.:                    ITEM SEQ. NO.:
REQUESTOR:                          PRD DOCUMENT ID:
PRD DBR NUMBER:                     APPROVAL CODE:
APPROVAL DATE:

-----------------------------------CONNECTORS-----------------------------
--------------------------------------------------------------------------

DOCUMENT NO.        TEST CODE       DOCUMENT NO.        TEST CODE
------------        ---------       ------------        ---------

NEXT? BLANK = PROCESS      M = MENU
```

3.4.3 Key Fields

Next?	M	= System Menu
	Blank	= Process screen
	DBR NUMBER	= 6-character field that identifies a requirement.

3.4.4 Functions

All requirement and connector information for the input DBR NUMBER is displayed on the screen. If more connectors exist for a requirement, they are displayed by transmitting the screen until the "TX COMPLETED" message is returned.

3.4.5 Data Fields

LABEL	SIZE	DEFINITION
DBR NUMBER	6AN	Mandatory
SECTION TITLE	66AN	
SECTION NUMBER	4AN	
ITEM SEQUENCE NUMBER	12AN	
REQUESTOR	12AN	
PRD DBR NUMBER	6AN	
APPROVAL CODE	3AN	
APPROVAL DATE	6AN	
DOCUMENT NUMBER	12AN	
TEST CODES	6AN	

3.4.6 Messages

- TX COMPLETED RECORD RETRIEVED
  Requirement has been retrieved from ASRS database.

- TX REJECTED REQUIREMENT NOT FOUND
  Input DBR NUMBER not found; verify and reenter.

- TRANSMIT TO CONTINUE
  More connectors exist for this requirement; transmit screen to continue display.

- DB ERROR RRQC-XXXX-X 9999999
  Database error; report the entire message to the ASRS System Control Center immediately.

3.5 Retrieving Requirement-Labels (RRQL)

3.5.1 Purpose

The Retrieving Requirement-Labels Screen (RRQL) is used to to display requirement information and all labels and texts that exist for the requirement.

3.5.2 Screen Format

```
GRRQLB      SYSTEM? ASRS          RETRIEVING REQUIREMENT LABELS
NEXT?

DBR NUMBER:        ?

UDS SECTION NO.                   ITEM SEQ. NO:
REQUESTOR:                        PRD DOCUMENT:
PRD DBR NUMBER:                   APPROVAL CODE:
APPROVAL DATE:

                          REQUIREMENT LABELS

NO        LABEL                          TEXT DATA

NEXT?     BLANK=PROCESS     M=MENU
```

3.5.3 Key Fields

NEXT? M = System Menu
Blank = Process screen

DBR NUMBER = 6-character field that identifies a requirement

3.5.4 Functions

All requirement and LABEL information for the input DBR NUMBER is displayed on the screen. If more labels exist for a requirement, they are displayed by transmitting the screen until the "TX COMPLETED" message is returned.

3.5.5 Data Fields

LABEL	SIZE	DEFINITION
DBR NUMBER	6AN	Mandatory
SECTION TITLE	66AN	
SECTION NUMBER	4AN	
ITEM SEQUENCE NUMBER	12AN	
REQUESTOR	12AN	
PRD DBR NUMBER	6AN	
APPROVAL CODE	3AN	
APPROVAL DATE	6AN	
LABEL NUMBER	3AN	
LABEL	20AN	
TEXT DATA	66AN	

3.5.6 Messages

- TX COMPLETED RECORD RETRIEVED
  Requirements has been retrieved from ASRS database.

- TX REJECTED REQUIREMENT NOT FOUND
  Input DBR NUMBER not found; verify and reenter.

- TRANSMIT TO CONTINUE
  More labels exist for this requirement; transmit screen to continue display until "TX COMPLETED" message is returned.

- DB ERROR RRQL-XXXX-X 9999999
  Database error; report the entire message to the ASRS System Control Center immediately.

3.6 Retrieving Requirement-Suppliers (RRQS)

3.6.1 Purpose

The Retrieving Requirement-Suppliers Screen (RRQS) is used to display requirement information and all SUPPLIER information that exists for the requirement.

3.6.2 Screen Format

```
GRRQSB              SYSTEM? ASRS      RETRIEVING REQUIREMENT-SUPPLIERS
NEXT?_____________  ____________________________________________________

DBR NUMBER:_____?_____

UDS SECTION NO:                       ITEM SEQ. NO:
REQUESTOR:                            PDR DOCUMENT ID:
PRD DBR NUMBER:                       APPROVAL CODE:
APPROVAL DATE:

-------------------------------------SUPPLIERS-------------------------------------

SPL:          COM1:          COM2:          AGY:          SCD:
RSP:

SPL:          COM1:          COM2:          AGY:          SCD:
RSP:

SPL:          COM1:          COM2:          AGY:          SCD:
RSP:

SPL:          COM1:          COM2:          AGY:          SCD:
RSP:

NEXT?     BLANK=PROCESS     M=MENU
```

3.6.3 Key Fields

NEXT? M = System Menu
Blank = Process screen

DBR NUMBER. = 6-character field that identifies a requirement

3.6.4 Data Fields

LABEL	SIZE	DEFINITION
DBR NUMBER	6AN	Mandatory
SECTION TITLE	66AN	
SECTION NUMBER	4AN	
ITEM SEQUENCE NUMBER	12AN	
REQUESTOR	12AN	
PRD DBR NUMBER	6AN	
APPROVAL CODE	6AN	
APPROVAL DATE	6AN	
SUPPLIER	4AN	
COMMITMENT	6AN	
AGENCY	12AN	
SUPPORT COMMITMENT DATE	12AN	

3.6.5 Messages

- TX COMPLETED RECORDS RETRIEVED
  Requirement has been retrieved from ASRS database.

- TX COMPLETED NO SUPPLIER DATA
  Requirement was retrieved that had no SUPPLIER information.

- TX REJECTED REQUIREMENT NOT FOUND
  Input DBR NUMBER not found; verify and reenter transaction.

- TRANSMIT TO CONTINUE
  More SUPPLIER information exists for this requirement; transmit screen to continue display until "TX COMPLETED" message is returned.

- DB ERROR RRQS-XXXX-X 9999999
  Database error; report the entire message to the ASRS System Control Center immediately.

3.7 Retrieving Requirement Text (REDT)

3.7.1 Purpose

The Retrieving Requirement Text Screen (REDT) is used to display REQUIREMENT TEXT existing on the ASRS database.

3.7.2 Screen Format

```
GREDTS   SYSTEM? ASRS      RETRIEVING REQUIREMENT TEXT
NEXT?_____                 _____________________________

      DBR NUMBER:_____?_____      LABEL NUMBER:_____
      LABEL TITLE:

LINE NO.                          REQUIREMENT TEXT
-------------------------------------------------------------------------------




NEXT? BLANK=PROCESS     M=MENU
-------------------------------------------------------------------------------
```

3.7.3 Key Fields

NEXT? M =System Menu
BLANK =Process screen

DBR NUMBER =6-character field to uniquely identify a requirement

LABEL NUMBER =3-character field to identify a requirement sub-division

3.7.4 Functions

Text for an input LABEL associated with an input requirement is displayed, along with line numbers. Twelve lines may be displayed on a screen if more than twelve lines exist, transmit to continue the display.

3.7.5 Data Fields

LABEL	SIZE	DEFINITION
DBR NUMBER	6AN	Requirement identified by this field must exist on the ASRS database (mandatory)
LABEL NUMBER	3AN	LABEL identified by this field must be associated on the ASRS database with input requirement; format R99 (mandatory)
LABEL TITLE	20AN	TITLE Of the requirement LABEL (for display only)
LINE NO.	2AN	Consecutive line numbers assigned to REQUIREMENT TEXT (displayed for reference purposes)
REQUIREMENT TEXT	66AN	Textual content associated with LABEL of a requirement (displayed)

3.7.6 Messages

- TX COMPLETED RECORD RETRIEVED
  All REQUIREMENT TEXT has been displayed

- TX REJECTED REQUIREMENT NOT FOUND
  Requirement identified by input DBR NUMBER not found on ASRS database.

- TX REJECTED LABEL NOT FOUND
  LABEL identified by LABEL NUMBER Not found to be associated with input DBR NUMBER on ASRS database.

- FOR MORE REQUIREMENT TEXT TRANSMIT TO CONTINUE
  Additional lines of text exist on ASRS database; transmit to continue display.

- TX REJECTED NO REQUIREMENT TEXT FOUND
  No text found to be associated with input LABEL and requirement.

- TX REJECTED LABEL NUMBER INVALID
  Input LABEL NUMBER not entered in the correct format (R99)

- DDB ERROR REDT-XXXX-X 9999999
  Database error report the entire message to the ASRS System Control Center immediately.

3.8 Retrieving Subrequestors (RSRQ)

3.8.1 Purpose

The Retrieving subrequestors Screen (RSRQ) is used to retrieve and display SUBREQUESTORS connected to particular requirements on the ASRS database.

3.8.2 Screen Format

```
GRSRQB  SYSTEM? ASRS              ---RETRIEVING SUBREQUESTORS---
NEXT?_____  _____

     DBR NUMBER:_____?_____

     SUBREQUESTORS          SUBREQUESTORS          SUBREQUESTORS

NEXT?  BLANK=PROCESS M=MENU
```

3.8.3 Key Fields

NEXT? M = System Menu
BLANK = Process screen

DBR NUMBER = 6-character field to uniquely identify a requirement

3.8.4 Functions

Subrequestor records connected to a unique DBR NUMBER are displayed when the DBR NUMBER is entered. As only 30 SUBREQUESTORS may be connected to one requirement, only one screen is required to display them.

3.8.5 Data Fields

LABEL	SIZE	DEFINITION
DBR NUMBER	6AN	Requirement identified by this field must exist on ASRS database (mandatory).

SUBREQUESTORS	12AN	Codes representing SUB-REQUESTORS connected to a requirement; these fields are displayed.

3.8.6 Messages

- o TX COMPLETED RECORD RETRIEVED
  SUBREQUESTORS associated with the input DBR NUMBER have been displayed on the screen.

- o TX REJECTED REQUIREMENT NOT FOUND
  Requirement identified by the input DBR NUMBER not found on ASRS database.

- o TX REJECTED NO SUBREQUESTORS FOUND
  Requirement identified by the input DBR NUMBER does not have SUBREQUESTORS associated with it on ASRS database.

- o DB ERROR RSRQ-XXXX-X 9999999
  Database error; report the entire message to the ASRS System Control Center immediately.

3.9 Retrieving Supplier (RSPL)

3.9.1 Purpose

The Retrieve Supplier Screen (RSPL) is used to display all related supplier information of a requested supplier for a DBR NUMBER.

3.9.2

```
GRSPLB     SYSTEM? ASRS     RETRIEVING SUPPLIER
NEXT?_____

                DBR NUMBER:     ?
                SUPPLIER CODE:     ?
                SUPPLIER COMMITMENT-1:
                SUPPLIER COMMITMENT-2:
                SUPPLIER COMMITMENT DATE:
                SUPPLIER AGENCY:


NEXT?        BLANK=PROCESS        M=MENU
```

3.9.3 Key Fields

NEXT? M = System Menu
BLANK = Process screen

DBR NUMBER = Any valid requirement number

SUPPLIER CODE = Supplier to be retrieved

3.9.4 Functions

Supplier record is retrieved for each unique DBR NUMBER entered on the screen. No fields can be changed.

3.9.5 Data Fields

LABEL	SIZE	DEFINITION
DBR NUMBER	6AN	Requirement number (mandatory).

SUPPLIER CODE	4AN	Code referring to the agency responsible for a commitment (mandatory).
SUPPLIER COMMITMENT-1 SUPPLIER COMMITMENT-2	6AN	Code denoting type of support commitment (display only)
SUPPLIER COMMITMENT DATE	6AN	Date a support commitment is made (display only)
SUPPLIER AGENCY	12AN	Code representing the ASRS Manager responsible for a commitment (display only)

3.9.6 Messages

- o TX COMPLETED RECORDS RETRIEVED
  Retrieve transaction completed and requested information has been displayed on screen.

- o TX REJECTED REQUIREMENT NOT FOUND
  Transaction cancelled because the DBR NUMBER is not on database.

- o TX REJECTED SUPPLIER NOT FOUND
  Transaction cancelled because the SUPPLIER CODE requested is not valid or cannot be found on database.

- o DB ERROR RSPL-XXXX-X 9999999
  Database error; report the message to the ASRS System Control immediately.

3.10 Retrieving Subsuppliers (RSSY)

3.10.1 Purpose

The Retrieving Subsuppliers Screen (RSSY) is designed to retrieve all the SUBSUPPLLIERS Related to the SUPPLIER AGENCY for the requested DBR NUMBER (requirement).

3.10.2 Screen Format

```
GRSSYB   SYSTEM?  ASRS          RETRIEVING SUBSUPPLIERS
NEXT?

                DBR NUMBER:    ?
                SUPPLIER CODE:    ?

                SUBSUPPLIERS          SUBSUPPLIERS          SUBSUPPLIERS
                ------------          ------------          ------------

NEXT?   BLANK=PROCESS      M=MENU
```

3.10.3 Key Fields

NEXT?	M	= System Menu
	BLANK	= Process screen
DBR NUMBER		= Any valid requirement number
SUPPLIER CODE		= Valid SUPPLIER CODE for the DBR NUMBER requested.

3.10.4 Function

The Retrieve Subsuppliers transaction is designed for inquiry usage only. It displays all the SUBSUPPLIERS for a SUPPLIER CODE under the requirement number requested.

3.10.5 Data Fields

LABEL	SIZE	DEFINITION
DBR NUMBER	6AN	Requirement number (mandatory)
SUPPLIER CODE	4AN	Code referring to the agency responsible for a commitment (mandatory)
SUBSUPPLIERS	12AN	Displayed only

3.10.6 Messages

- o TX COMPLETED RECORDS RETRIEVED
  SUBSUPPLIERS retrieved and output on screen. Transaction completed.

- o TX REJECTED REQUIREMENT NOT FOUND
  Retrieved of SUBSUPPLIERS cancelled because the DBR NUMBER (requirement) is not on database.

- o TX REJECTED SUPPLIER :NOT FOUND
  Retrieve of SUBSUPPLIERS cancelled because the SUPPLIER CODE is either not present or not valid for the DBR NUMBER requested.

- o DB ERROR RSSY-XXXX-X 9999999
  Database error; report the message to ASRS System Control center immediately.

3.11 Retrieving Support Response (RRSP)

3.11.1 Purpose

The Retrieving Support Response Screen (RRSP) is used to display support response texts existing on the ASRS database.

3.11.2 Screen Format

```
GRRSPB   SYSTEM?  ASRS     ----RETRIEVING SUPPORT RESPONSE ----
NEXT?_____________  _____________________________________

          DBR NUMBER:_____?_____        SUPPLIER CODE:_____?_____

NO.              SUPPORT RESPONSE TEXT
--------  ------------------------------------------------------------

NEXT?     BLANK=PROCESS      M=MENU
```

3.11.3 Key Fields

NEXT? M = System Menu
BLank = Process screen

DBR NUMBER = 6-character field to uniquely identify requirement

SUPPLIER CODE = 4-character field to uniquely identify the agency responsible for responding to a requirement.

3.11.4 Functions

Support response of the input supplier to the input requirement is displayed, along with line numbers. Thirteen lines may be displayed on a screen; transmit to continue the display.

3.11.5 Data Fields

LABEL	SIZE	DEFINITION
DBR NUMBER	6AN	Requirement identified by this field must exist on the ASRS database (mandatory).
SUPPLIER CODE	4AN	Supplier identified by this field must be associated on the ASRS database with the entered requirement (mandatory)
NO.	2AN	Consecutive line numbers assigned to SUPPORT RESPONSE TEXT (displayed for reference purposes).
SUPPORT RESPONSE TEXT	66AN	Textual content of response of the supplier to the requirement (displayed).

3.11.6 Messages

- o TX REJECTED REQUIREMENT NOT FOUND
  Requirement identified by input DBR NUMBER not found on ASRS database.

- o TX REJECTED SUPPLIER NOT FOUND
  Supplier identified by input SUPPLIER CODE not found to be associated with input DBR NUMBER on ASRS database.

- o TX COMPLETED RECORD RETRIEVED
  All support response text has been displayed.

- o FOR ADDITIONAL RESPONSE TEXT TRANSMIT TO CONTINUE
  Additional lines of text exist on ASRS database. Transmit to continue display.

- o TX REJECTED NO SUPPLIER RESPONSE FOUND
  No support response was found to be associated with input supplier and requirement.

- o DB ERROR RRSP-XXXX-X 9999999
  Database error; report the entire message to the ASRS System Control Center immediately.

3.12 Report Request Menu (SRPT)

3.12.1 Purpose

The Report Request Menu Screeen (SRPT) is used to request a report from the ASRS database.

3.12.2 Screen Format (Report Format Screen)

```
GSRPTB     SYSTEM? ASRS          REPORT REQUEST MENU
NEXT?_____  ____________________________________________


REPORT FORMAT:_____ REPORT            FORMAT

                    DOCUMENT          (DOC1)
                    REQUIREMENTS      (REQ0  TO REQ9)
                    UDS SECTION       (UDS1  TO UDS3)
                    DATA ELEMENT      (DEC1)
                    PERMISSIONS       (PER1)

                   -OUTPUT-

TSS OUTPUT USERID AND FILENAME:_____________________________
                      -OR-
REQUESTOR INITIALS:     BIN NUMBER:____DISPOSITION CODE_____
REQUESTOR INFORMATION:______________________________________
NUMBER OF COPIES:_____(1 OR 6)
PAPER TYPE:_____AL  = STANDARD SIZE LINED     (11 x 14)
                AU  = STANDARD SIZE UNLINES   (11 x 14)
                BL  = NARROW SIZE LINED       (8.5 x 11)
                BU  = NARROWN SIZE UNLINED    (8.5 x 11)
```

3.12.3 Screen Format (Requirement Report Parameters)

```
GBREQB    SYSTEM? ASRS          ---REQUIREMENT REPORT PARAMETERS---
NEXT?_____

 DBR NO.: _____

 DOCUMENT: _____

 TYPE: _____                   PREFIX: _____
 TEST CODE: _____

 UDS SECTION NO.: _____
 ITEM NO.: _____
 REQUESTOR: _____
 SUBREQUESTOR: _____
 APPROVAL: _____ DATE APP (GT): _____ OR DATE APP (LT)_____
 SUPPLIER: _____
 SUBSUPPLIER: _____
 AGENCY: _____
 COMMITMENT _____
 DATE COMMITTED (GT): _____ OR DATE COMMITTED (LT): _____

 NEXT? BLANK=PROCESS   M=MENU
```

3.12.4 SCREEN FORMAT (REPORT SNUMB NO. SCREEN)

```
GSRPTB   SYSTEM? ASRS          ---REPORT REQUEST MENU---
NEXT?_____

   REPORT FORMAT:_____          REPORT          FORMAT
                                ------------    ----------------
                                DOCUMENT        (DOC1)
                                REQUIREMENTS    (REQ0 TO REQ9)
                                UDS SECTION     (UDS1 TO UDS3)
                                DATA ELEMENT    (DEC1)
                                PERMISSIONS     (PER1)

==================================OUTPUT=====================================
   TSS OUTPUT USERID AND FILENAME:_____
    ==============================OR==================================
   REQUESTOR INITIALS:_____  BIN NUMBER:_____  DISPOSITION CODE: _____
   REQUESTOR INFORMATION:_____
   NUMBER OF COPIES:_____          (1 OR 6)
   PAPER TYPE:_____                AL = STANDARD SIZE LINED     (11 X 14)
                                   AU = STANDARD SIZE UNLINED   (11 X 14)
     (DEFAULT = 1 COPY BU)         BL = NARROW SIZE LINED       (8.5 X 11)
                                   BU = NARROW SIZE UNLINED     (8.5 X 11)

   NEXT?  BLANK=PROCESS   M=MENU        SNUMB 6604J
```

3.12.5 Key Fields

NEXT? M = System Menu
Blank = Process screen

REPORT FORMAT = 4-character field which identifies the report and format required

3.12.6 Functions

An ASRS report is requested by entering one of the following report format codes:

DOC1 = Document Management Report
REQ0 = Requirement Management Report
REQ1 = Program Requirement Document (PRD)
REQ2 = Program Support Plan (PSP)
REQ3 = Combined PRD/PSP
REQ4 = Combined PRD/OR
REQ5 = Combined PSP/OD
REQ6 = Combined PRD/OR/PSP/OD
REQ7 = Operational Requirement (OR)
REQ8 = Operational Directive (OD)
REQ9 = Combined OR/OD
UDS1 = UDS Page Title Report
UDS2 = UDS Abbreviated Page Title Report
UDS3 = UDS Page Format Report
DEC1 = Data Element Management Report
PER1 = ASRS User Permissions Report (available only to the ASRS Manager)

To direct report output to a TSS file, enter the TSS filename (which must have been previously established in TSS). If no TSS filename is entered, a hardcopy report is printed on a high-speed printer. The number of copies and type of printed output can be specified (the default is one copy, narrow, unlined paper).

If a Document or Requirement Report is requested, an additional screen is displayed prompting for the report selection parameters to be entered.

3.12.7 Data Fields

LABEL	SIZE	DEFINTION
REPORT FORMAT	4AN	Specifies type of report requested (mandatory)
TSS OUTPUT FILENAME	30AN	Enter TSS USERID/filename, if output is to go on TSS

*REQUESTOR INITIALS	2AN	User initials
*BIN NUMBER	3AN	User output BIN NUMBER
*DISPOSITION CODE	1AN	Disposition of hardcopy report
REQUESTOR INFORMATION	48AN	Remarks; i.e., user mail code, name, phone number
*NUMBER OF COPIES	1AN	Must indicate 1 or 6 (defaults to 1)
*PAPER TYPE	2AN	Refer to screen (defaults to NU)

*NOTE: Not required if report goes to TSS; however, required for hardcopy output.

3.12.8 Messages

- REPORT REQUEST SUBMITTED SNUMB=XXXXX
  Report request was vaild and submitted; SNUB is used, in TSS, to status the disposition of the report request.

- REPORT REQUEST NOT SUBMITTED ERROR=99999
  Report request could not be submitted; try again before notifying the ASRS System Control Office.

- TX REJECTED INVALID REPORT FORMAT
  Report format entered was incorrect; enter a valid report format (refer to screen) and resubmit.

- TX REJECTED NO PERMISSION FOR THIS TX
  NO permission has been given to request this specific report.

- DB ERROR SRPT-XXXX-X 9999999
  Database error; report the entire message to the ASRS System Control Office immediately.

3.13 Retrieving Notices (RNOT)

3.13.1 Purpose

The Retrieving Notices Screen (RNOT) is used to display the automatic notices generated when processing a requirement.

3.13.2 Screen Format

```
GRNOTB   SYSTEM?  ASRS          RETRIEVING NOTICES
NEXT?_____  ____________________________________________

USER IDENT:
BEGIN DATE:_____?____  END DATE:_____

NO.                    MESSAGES
---------  ---------------------------------------------------------

NEXT?    BLANK-PROCESS M=MENU
```

3.13.3 Key Fields

NEXT? M = System Menu
Blank = Process screen

BEGIN DATE = 6-character field that specifies the date to begin retrieving notices.

3.13.4 Functions

All notices generated for the USERID are displayed on the screen depending on the input BEGIN DATE. When END DATE is used with BEGIN DATE all notices within that date range will be displayed by transmitting the screen until the message "TX completed" is displayed.

3.13.5 Data Fields

LABEL	SIZE	DEFINTION
USER IDENT	6AN	Display only
BEGIN DATE	6AN	Mandatory
END DATE	6AN	Used to indicate the end date for retrieving notices. (optional)

NO.	3AN	Display only
MESSAGES	70AN	Display only

3.13.6 Messages

- o TX COMPLETED NOTICES RETRIEVED
  All the information for the notices has been displayed.

- o TX REJECTED NO NOTICES FOR DATE
  No notices are stored for that particular date.

- o TX REJECTED BEGIN DATE GT END DATE
  BEGIN DATE can't be greater than the END DATE; verify and reenter

- o TX REJECTED INVALID DATE-MMDDYY
  Dates must be in a valid month, day , year sequence.

- o DB ERROR RNOT-XXXX-X 9999999
  Database error; report the entire message to the ASRS System Control Center immediately.

3.14 Retrieving Data Element Code and Values (RDEC)

3.14.1 Purpose

The Retrieving Data Element Code and Values Screen (RDEC) is used to display data element values and descriptive information that exist for the DATA ELEMENT CODE.

3.14.2 Screen Format

```
GRDECB   SYSTEM? ASRS          RETRIEVING DATA ELEMENT CODE AND VALUES
NEXT?_____

DATA ELEMENT CODE:____?_____

VALUE                                DESCRIPTION
-----------  ------------------------------------------------------------

NEXT?    BLANK=PROCESS M=MENU
```

3.14.3 Key Fields

NEXT? M = System Menu
Blank = Process screen

DATA ELEMENT = 6-character field that uniquely identifies a DATA ELEMENT CODE

3.14.4 Functions

All information for the input DATA ELEMENT CODE is displayed on the screen. If more data element values and descriptions exist for a DATA ELEMENT CODE, they are displayed by transmitting the screen until the "TX COMPLETED" message is returned.

3.14.5 Data Fields

LABEL	SIZE	DEFINITION
DATA ELEMENT CODE	6AN	Mandatory
DATA ELEMENT VALUE	12AN	Mandatory
DATA ELEMENT DESCRIPTION	66AN	

3.14.6 Messages

- o TX COMPLETED RECORD RETRIEVED
  All the information for the DATA ELEMENT CODE has been displayed.

- o TX COMPLETED NO DEV ENTERED
  DATA ELEMENT CODE was retrieved with no data element values or description.

- o TX REJECTED DATA ELEMENT CODE NOT FOUND
  Input DATA ELEMENT CODE not found; verify and reenter transaction.

- o DB ERROR REDEC-XXXXX-X 9999999
  Database error report the entire message to the ASRS System Control Center immediately.

3.15 Retrieving UDS Page Format (RUDS)

3.15.1 Purpose

The Retrieving UDS Page Format Screen (RUDS) is used to display the information and page format for a UDS section.

3.15.2 Screen Format

```
GRUDSB   SYSTEM?   ASRS              RETRIEVING UDS PAGE FORMATS
NEXT?_____________  ____________________________________________

UDS SECTION NUMBER:____?_____     FORM NUMBER:
TITLE:
ABBR TITLE:
NO.        LABEL                EXTENDED LABEL
------  ---------------------**********************************************

NEXT?     BLANK=PROCESS    M=MENU
```

3.15.3 Key Fields

NEXT? M = System Menu
BLank = Process screen

UDS SECTION = 4-character field to identify the UDS section containing this page format

3.15.4 Functions

All information and page formats are displayed for the UDS SECTION NUMBER entered. If more than 14 labels exist for a section, multiple screens can be viewed by transmitting the screen until the UDS section has been completely displayed.

3.15.5 Data Fields

LABEL	SIZE	DEFINTION
UDS SECTION NUMBER	4AN	Specifies the section number of this page format (mandatroy)
FORM NUMBER	6AN	Identifies the UDS FORM NUMBER required for this section
TITLE	66AN	TITLE of section
ABBR TITLE	35AN	Abbreviation of section TITLE
NO.	3AN	Number of the page format LABEL; must be in form "Rnn"
LABEL	20AN	UDS page LABEL for this format
EXTENDED LABEL	50AN	

3.15.6 Messages

- o TX COMPLETED UDS SECTION DELETED
  All information for the UDS section has been retrieved.

- o FOR ADDITIONAL INFORMATION TRANSMIT SCREEN
  Not all information has been displayed; to view the rest, transmit screen.

- o TX REJECTED UDS SECTION NOT FOUND
  UDS SECTION NUMBER cannot be found on database; verify before reentering.

- o DB ERROR RUDS-XXXX-X 9999999
  Database error; report the entire message to the ASRS System Control Center immediately.

3.16 Retrieving Permissions (RPER)

3.16.1 Purpose

The Retrieve User Permissions Screen (RPER) is used to list ASRS Users Permission for log on USERID.

3.16.2 Screen Format

```
GRPERB   SYSTEM?  ASRS RETRIEVING USER PERMISSIONS

NEXT?_____   _____________________________________________

USER IDENT:_____?_____                        USER ORIGINATION:
==================================MANAGER=====================================

ORGN IDENT:
NAME:                                    PHONE:
==============================================================================

ORGN IDENT:
NAME:                                    PHONE:
==============================================================================
============================REPORT IDENTIFICATION=============================
INTITIALS:          BIN NUMBER:                    DISPOSITION CODE:
REMARKS:
==================================PERMISSIONS=================================

RECORD              PERMISSIONS          RECORD              PERMISSIONS
TYPE                (A,D,M,P)            TYPE                (A,D,M,P)
------              ----------           ------              ----------
DOCUMENT                                 REQUIREMENT
SUPPLIER                                 EDITOR
UDS                                      DATA ELEMENT
PERMISSION

NEXT?  BLANK=PROCESS M=MENU
```

3.16.3 Key Fields

NEXT? M = Return to System Menu
Blank = Process screen

USER IDENT = ASRS USERID to be modified

3.16.4 Function

The module takes the USER IDENT value entered and displays all data associated with the ASRS USERID. If a wrong or invalid USERID was entered, enter the correct value and transmit the screen.

3.16.5 Data Fields

LABEL	SIZE	DEFINITION
USER IDENT	6AN	ASRS password (mandatory)
USER ORIGINATION	2AN	
MANAGER		
ORGN IDENT	12AN	ASRS Manager's organization
NAME	20AN	ASRS Manager's name
PHONE	12AN	ASRS Manager's phone number
USER		
ORGN IDNT	12AN	ASRS user's organization
NAME	20AN	ASRS user's name
PHONE	12AN	ASRS user's phone number
INITIALS	2AN	ASRS user's initials
BIN NUMBER	3AN	ASRS user's report bin number (if applicable)
DISPOSITION CODE	1AN	Code to specify dispostion of the hardcopy printout: M = Mail Reprot P = Pickup Report R = Release Report S = Special Handling

RPER

LABEL	SIZE	DEFINITION
REMARKS	48AN	Identifies the user that requested the hardcopy report

PERMISSIONS		These fields specify the access
DOCUMENT	4A	permissions of the particular
REQUIREMENT	4A	user:
SUPPLIER	4A	A = Add
EDITOR	4A	D = Delete
UDS	4A	M = Modify
DATA ELEMENT	4A	P = Print
PERMISSION	4A	

3.16.6 Messages

- TX COMPLETED RECORD RETRIEVED
  USERID data has been retrieved an displayed on the screen.

- TX REJECTED
  USERID is not on the ASRS database. Correct the USERID and transmit the screen.

- DB ERRPR RPER-XXXX-X 9999999
  Database error report the entire message to the ASRS System Control Center immediately.

- TX REJECTED NO PERMISSION FOR THIS TX
  Permission for this transaction has not been given.

SECTION 4

TSS REPORT RETRIEVAL PROCEDURE

This section presents unique TSS functions written specifically for ASRS.

Each TSS function begins with a descriptive purpose followed by examples that illustrate the use of the procedure. All messages associated with the function are also explained.

4.1 TSS BATCH REPORT REQUESTS

4.1 1 Purpose

This function is for requesting batch reports from TSS. The reports can be directed to a TSS file or to the system printer.

After successful sign on completion to TSS, the procedure is invoked by entering "ASRS". The TSS batch report function then requests the information necessary to spawn the reports.

4.1 2 Example

The following is an example of how to invoke the system. User responses are underlined.

```
> ASRS

ENTER THE LETTER NEXT TO THE DESIRED REPORT.

    A.  DOCUMENT
    B.  REQUIREMENTS
    C.  UDS SECTION
    D.  DATA ELEMENT
    E.  PERMISSIONS  (ASRS Manager only)
    F.  DONE

REPORT SECTION? F
```

After the function is invoked, the user enters the letter next to the desired report. To exit the function the user enters the letter "F".

4.1 3 Messages

The TSS batch report function checks the ASRS users permissions to see if the user is allowed to receive the requested report. If the user is not allowed to receive the report, the following message is printed.

```
INVALID PERMISSION
ASRS IS TERMINATED
```

The TSS batch report functions uses the user's IDENT information from the ASRS database to spawn the reports.

4.2 DOCUMENT MANAGEMENT REPORT

4.2.1. Purpose

The document report is a listing of all documents within the ASRS database. It allows the ASRS data manager to monitor and maintain the documents.

4.2.2. Example

The following is an example of how to request a document report. User responses are underlined.

```
> ASRS

ENTER THE LETTER NEXT TO THE DESIRED REPORT.

    A.  DOCUMENT
    B.  REQUIREMENTS
    C.  UDS SECTION
    D.  DATA ELEMENT
    E.  PERMISSIONS    (ASRS Manager only)
    F.  DONE

REPORT SECTION? A

DO YOU WANT TO WRITE TO A TSS FILE (Y, OR N)? N

ENTER THE NUMBER OF COPIES (1 OR 6)? 1

ENTER THE LETTER TO THE DESIRED SELECTION CRITERIA.

    A.  TYPE
    B.  PREFIX
    C.  DOCUMENT DATE (GT)
    D.  DOCUMENT DATE (LT)

DESIRED SELECTION? A

ENTER THE TYPES (3 MAX) SEPARATED BY COMMA
?LLS

 SNUMB  6933V

ENTER THE LETTER NEXT TO THE DESIRED REPORT.

    A.  DOCUMENT
    B.  REQUIREMENTS
    C.  UDS SECTION
    D.  DATA ELEMENT
    E.  PERMISSIONS  (ASRS Manager only)
    F.  DONE
```

REPORT SECTION? F

4.2.3. Messages

None

4.3 REQUIREMENTS REPORT

4.3.1. Purpose

The requirements report is a listing of all the requirements that meet the retrieval conditions based on the user's selection criteria.

4.3.2. Example

The following is an example of how to request a requirement report. User responses are underlined.

```
> ASRS

ENTER THE LETTER NEXT TO THE DESIRED REPORT.

    A.  DOCUMENT
    B.  REQUIREMENTS
    C.  UDS SECTION
    D.  DATA ELEMENT
    E.  PERMISSIONS  (ASRS Managers only)
    F.  DONE

REPORT SECTION? B

DO YOU WANT TO WRITE TO A TSS FILE (Y, OR N)? Y

ENTER THE FILE NAME? FILENAME

ENTER THE DESIRED FORMAT (0-9)? 1

ENTER THE LETTERS NEXT TO THE DESIRED SELECTION CRITERIA.

    A.  DOCUMENT NUMBER          K.  PREFIX
    B.  TYPE                     L.  ITEM SEQUENCE NUMBER
    C.  TEST CODE                M.  AGENCY
    D.  TITLE                    N.  DATE APPROVED (GT)
    E.  PROGRAM NUMBER           O.  DATE APPROVED (LT)
    F.  UDS SECTION NUMBER       P.  DATE COMMITTED (GT)
    G.  REQUESTOR                Q.  DATE COMMITTED (LT)
    H.  SUPPLIER                 R.  DEFAULT VALUES
    I.  APPROVAL                 S.  SUBSUPPLIER
    J.  COMMITMENT               T.  DBR NUMBER

DESIRED SELECTIONS? A, B, C, D, N

ENTER THE DOCUMENT NUMBERS (10 MAX.) SEPARATED BY A COMMA? DOC1,
DOC2, DOC3

ENTER THE TYPES (2 MAX.) SEPARATED BY A COMMA? XXX, BBB
```

```
ENTER THE TEST CODES (11 MAX.) SEPARATED BY A COMMA? TEST1,
TEST2, TEST3, TEST4

DO YOU WANT TO USE 'AND' LOGIC (Y OR N)? Y

ENTER THE TITLE (50 CHARACTERS MAX.)
?DOCUMENT TITLE

ENTER THE AGENCIES (2 MAX) SEPARATED BY A COMMA? AGY1, AGY2

 SNUMB  6861V

ENTER THE LETTER NEXT TO THE DESIRED REPORT

    A.  DOCUMENT
    B.  REQUIREMENTS
    C.  UDS SECTION
    D.  DATA ELEMENT
    E.  PERMISSIONS  (ASRS Manager only)
    F.  DONE

REPORT SECTION? F
```

When prompted for the desired selection criteria, the user can enter as many letters as desired, and the system will prompt you for the values of the chosen selection criteria. If the user enters the letter "R", all requirements will be reported.

4.3.3. Messages

None

4.4 UDS SECTION REPORT

4.4.1. Purpose

The UDS section report is a listing of all existing UDS pages within the ASRS database.

The following is an example of how to request a UDS section report. User responses are underlined.

4.4.2. Example

```
> ASRS

ENTER THE LETTER NEXT TO THE DESIRED REPORT.

    A.  DOCUMENT
    B.  REQUIREMENTS
    C.  UDS SECTION
    D.  DATA ELEMENT
    E.  PERMISSIONS  (ASRS Manager only)
    F.  DONE

REPORT SECTION? C

DO YOU WANT TO WRITE TO A TSS FILE (Y, OR N)? Y

ENTER THE FILE NAME? FILENAME

ENTER THE DESIRED FORMAT (1, 2, OR 3)? 2
 SNUMB  6867V

ENTER THE LETTER NEXT TO THE DESIRED REPORT

    A.  DOCUMENT
    B.  REQUIREMENTS
    C.  UDS SECTION
    D.  DATA ELEMENT
    E.  PERMISSIONS (ASRS Manager only)
    F.  DONE

REPORT SECTION? F
```

4.4.3. Messages

None

4.5 DATA ELEMENT REPORT

4.5.1. Purpose

The data element report is a listing of all existing data element codes and data element values within the ASRS database.

4.5.2. Example

The following is an example of how to request a data element report. User responses are underlined.

```
> ASRS

ENTER THE LETTER NEXT TO THE DESIRED REPORT.

    A.  DOCUMENT
    B.  REQUIREMENTS
    C.  UDS SECTION
    D.  DATA ELEMENT
    E.  PERMISSIONS (ASRS Manager only)
    F.  DONE

REPORT SECTION? D

DO YOU WANT TO WRITE TO A TSS FILE (Y, OR N)? N

ENTER THE NUMBER OF COPIES (1 OR 6)? 6
 SNUMB  6673V

ENTER THE LETTER NEXT TO THE DESIRED REPORT.

    A.  DOCUMENT
    B.  REQUIREMENTS
    C.  UDS SECTION
    D.  DATA ELEMENT
    E.  PERMISSIONS (ASRS Manager only)
    F.  DONE

REPORT SECTION? F
```

4.5.3. Messages

None
None

4.5.4 PERMISSIONS REPORT

1. Purpose

   The permissions report is a listing of all the ASRS users and their permissions. This report can only be requested by the ASRS manager.

2. Example

   The following is an example of how to request a document report. User responses are underlined.

```
> ASRS

ENTER THE LETTER NEXT TO THE DESIRED REPORT

    A.  DOCUMENT MANAGEMENT
    B.  REQUIREMENTS
    C.  UDS SECTION
    D.  DATA ELEMENT MANAGEMENT
    E.  PERMISSIONS (ASRS MANAGER ONLY)
    F.  DONE

REPORT SECTION? E

DO YOU WANT TO WRITE TO A TSS FILE (Y, OR N)? N

ENTER THE NUMBER OF COPIES (1 OR 6)? 1
 SNUMB  6674V

ENTER THE LETTER NEXT TO THE DESIRED REPORT

    A.  DOCUMENT MANAGEMENT
    B.  REQUIREMENTS
    C.  UDS SECTION
    D.  DATA ELEMENT MANAGEMENT
    E.  PERMISSIONS (ASRS MANAGER ONLY)
    F.  DONE

REPORT SECTION? F
```

3. Messages

   None

APPENDIX A MAIL BOX PROCEDURES

(TO BE PROVIDED LATER)

APPENDIX B TSS COMMANDS

(TO BE PROVIDED LATER)

APPENDIX C EDITOR COMMANDS

(TO BE PROVIDED LATER)

APPENDIX D CRUN PROCDURES

(TO BE PROVIDED LATER)

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15. Abstract

ASRS provides the capability to process intercenter/agency support requirements and commitments necessary for support of the Space Shuttle Launch and Landing, Flight, and Cargo operations.

This document contains the instructions and commands that users will be allowed to utilize. Data entry personnel have a separate users guide that gives instructions and commands applicable to their use.

ASRS utilizes a data base stored on a Honeywell DPS8 computer.

ASRS programs are written in COBOL 74, IDS II, utilizing the Honeywell DMIV-TP Processing System and the GCOS8 Operating System; they can also be accessed through Telenet or Datanet.

Terminal directly accessing DMIV must be compatible with the DPS8 computer and have full screen edit capability. At the present Omron/Ramtek, televideo 970, Hewlett Packard 23392A, Honeywell VIP 7801 and VIP 7813 terminals are compatible.

Retrieval by this method is accomplished by direct access to information in the data base, and the display of this data on the terminal screen.

(see attachment)

16. Key Words
ASRS - Automated Support Requirement System
DMIV - Data Management IV
TSS - Time Sharing System

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15. Abstract (Cont'd)

Terminal accessing of the DMIV data base via TSS as batch jobs are not required to have full screen edit capability.

Retrieval by this method is accomplished through accessing the data base as a batch job. The retrieval information is stored in a pre-allocated file, and is not automatically displayed on the terminal screen as the information is retrieved. The information can be displayed on the termination of the job by listing the file designated.