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SPIDB

**SCIENCE
PROCESSING
DATABASE**

Quick Reference Guide

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GSFC/SPSO

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What Is the SPDB?

Science Processing Database (SPDB) is an interactive, on-line system that provides updated information about EOS Project, including

- Instruments
- Investigators
- Output Data Products
- Input Requirements
- Retrieval Algorithms
- V0 Datasets archived at DAAC's

What Do You Need?

The SPDB supports VT100 class terminals, VT2xx and VT3xx class terminal set to operate in VT100 mode, and terminal emulator software with VT100 capabilities.

Non-hardwired DEC terminal (VT 100) users need a modem which is Bell 103 or Bell 212A compatible. IBM PC or Macintosh users need communications software capable of VT100 emulation, in addition to the modem. Software that have been successfully tested are:

IBM PC Crosstalk, Procomm, Pcpplot
Macintosh Versaterm, Versaterm Pro

User Support:

For User's guide and information, please contact:

Yun-Chi Lu
NASA/GSFC, Code 930.9
Greenbelt, MD 20771
(301)286-4093
YLU@GSFCMAIL

For technical problems/comments, please contact:

Chris Lynnes
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(301)513-1720

Information Contents of the SPDB

Investigators:

- Name and Address
- Affiliation
- Phone and Fax Numbers
- E-mail Address
- Associated Team Membership

Instruments:

- Platforms
- Swath and Duty Cycle
- Mass and Power Usage
- Data Rates
- Number of Channels and Spectral Range
- Description

Data Products:

- Investigators
- Platforms and Instruments
- Archive Centers (DAAC's)
- Temporal and Spatial Resolution
- Horizontal and Vertical Coverage
- Accuracies

Retrieval Algorithms:

- Investigators
- Platforms and Instruments
- Input and Output Data
- Description

V0 Datasets:

- Dataset Name
- Parameters
- Temporal and Spatial Coverage
- Platforms and Instruments
- Data Volumes in 1991 and 1994
- Archive Centers
- Data Producers
- Storage Media and Format

How to Log Into the SPDB:

Your equipment determines which connection method to use: dial-up or network. If you have a terminal or PC with a modem and communications software, you can use dial-up access. If your terminal is connected to a computer that is on a national network (e.g., NAN or SPAN), you can use the network access procedures. In the examples given below computer prompts are shown in *italics* and user entries are shown in bold text.

Dial-up:

301-286-9000 (2400 baud)

or

301-286-4000 (9600 baud)

Enter number: **size <CR><CR>**

Enter username: **your name**

Local: **c spso**

Login: **spdb**

Password: **spso:spdb**

Using Internet::

telnet spso.gsfc.nasa.gov

or

telnet 128.183.112.102

Login: **spdb**

Password: **spso:spdb**

Using Span (VAX/VMS):

rlogin spso /username=spdb

Password: **spso:spdb**

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Using Span (Unix):

rlogin spso -l spdb

Password: **spso:spdb**

(Note: If you are using an IBM PC or Macintosh with communications software, make sure that you select the VT100 emulation option.)

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How to Navigate through Menus:

There are three ways of moving through menus:

1. Move the cursor with cursor keys.
2. Use ESCAPE Keys to scroll.
(*Caution:* Press ESC and let up, then press and let up the second key)
3. Type the initial letter(s) of an item. *Caution:* if the letters you type uniquely identify that item in the list, the item will also be automatically "chosen" (i.e., executed). To type a new set of initial letter(s), tab to the next item and start typing again.

How to Use Escape Keys:

(*Caution:* Press ESC and let up, then press and let up the second key. Do NOT hold down ESC key)

- ESC b Go to the bottom of the list or menu
- ESC c Clear all fields in the form
- ESC d Page down (scrollable field)
- ESC h Help (field-level) or Valid List
- ESC k Help on keys
- ESC q Quit SPDB
- ESC r Refresh the screen
- ESC s Save comments
- ESC t Go to the top of the list or menu
- ESC u Page up (scrollable field)
- ESC x Delete the current field in the form
- ESC ESC Exit the screen

Valid Lists:

Valid lists are used to fill in a blank from a list of valid values. To pop up a Valid List, type ESC in the blank you wish to fill. Select the item you want and press <CR>, or type ESC ESC to cancel. Valid Lists are dynamic, i.e., constrained by the blanks already filled in and/or by wildcard strings in the current blank.

Wild Cards:

You can use either SQL or Unix style wildcards in query forms.

- Single character: - or ?
- Multiple character: % or *

Help:

HELP is available on the following subjects:

- Screen Help (help on the current screen)
- Escape Help (help on escape keys)
- User Support (how to contact SPSO)
- Help Index (view any help item)

To get help screen,

1. Post the menu, if not already at the top of the screen, by pressing <CR>
2. Choose Options from the menu
3. Choose Help from the Option submenu

How to Quit the Program:

You can quit the SPDB at any time by typing ESC q, or

1. Post the menu, if not already at the top of the screen, by pressing <CR>
2. Choose Options from the menu
3. Choose Quit Program from the Option submenu (you will be asked for confirmation: type y or <CR> to quit)