

Converting Natural System Short Messages

If your terminal does not display certain characters correctly or if your terminal cannot display lower-case characters, it is possible to convert the characters of Natural system short messages with the **SENSYS-D** dialog box.

► To convert characters of messages

1. In the **Logical View** of the Natural Studio tree view, select the **System Libraries** node and then **SYSERR**.

Or:

Issue the following system command:

```
LOGON SYSERR
```

where *library-ID* is the name of the required library.

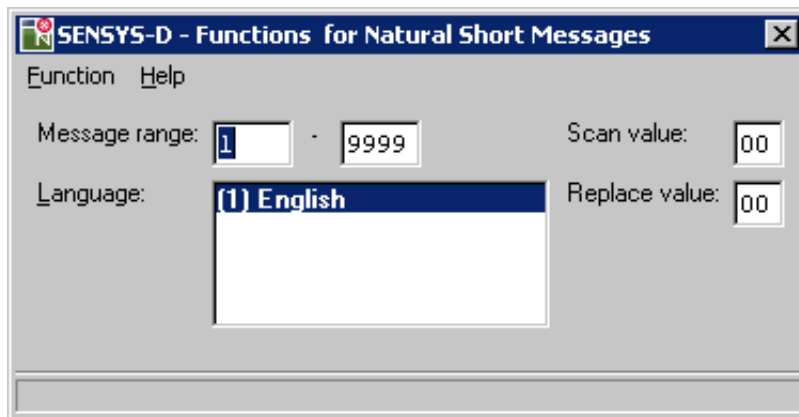
2. From the **SYSERR** library, select the **Dialogs** subnode and then **SENSYS-D**.

Or:

In the command line, enter the following:

```
SENSYS-D
```

A **SENSYS-D** dialog box similar to the example below appears for the current language:



3. Specify a range of messages.

If required, enter hexadecimal values in the **Scan value** and **Replace value** boxes.

4. From the **Function** menu, choose one of the following:

Function	Explanation
Uppercase Messages	Converts messages to upper case. Once converted to upper case, you cannot convert them back to lower case. To recover lower-case messages, unload the messages by using the Object Handler, save the transfer file and, when required, reload the messages by using the Object Handler. See also the <i>Object Handler</i> documentation.
Scan Character Hex	Scans for hexadecimal characters entered in the Scan value box.
Scan and Replace	Scans hexadecimal characters entered in the Scan value box and replaces them with the hexadecimal characters entered in the Replace value box. This function may be useful, for example, to replace special signs.
Replace using SECSET-N	Replaces the characters of a message by the character set defined in the SECSET-N subprogram. SECSET-N is stored in the SYSERR subnode Subprograms .
Display Message Hexadecimal	Enables or disables the display of a message in hexadecimal format.
Display Char Table for Terminal	Enables or disables this function to determine the characters your terminal can represent.
Processing Log	Enables or disables the processing log to view the results of the functions executed.