SERIES 90 – OS/3

PROGRAM
PRODUCT
SPECIFICATION

Dialog Specification
Language Translator

Type Number: 6215-00

SECTION 1

The Dialog Specification Language Translator (DSLT) is a high-level language compiler which encodes programs written in the Dialog Specification Language (DSL).

DSL is an English-oriented language which has facilities for specifying dialog structure messages to be displayed, input to be entered, and the content, format and mapping rules for the output.

PRODUCT FEATURES

Language features of DSL include:

- Tree specification to describe the sequencing of the dialog session

- Block structuring to control looping, initialization, and the scope of variables. Looping may be controlled by a count, or continue while or until a certain condition is true

- Declaration of data items, arrays, and corresponding masks

- Format Control facilities to define data appearance

- Output source listing and error messages

The dialog specification language translator allows the user to create his own application-oriented dialogs, it accepts DSL source code as input and uses that input to generate a dialog display. Dialogs consist of a series of queries to which the user responds with the appropriate information. Users can use the dialog specification language to produce dialogs to meet their requirements. The user assigns a name to each dialog generated through the Dialog Specification Language Translator, and this name is used to access the dialog. Applications programs access dialogs with the implementation language I/O statements. Once accessed, the dialog is displayed and the information entered in response to the dialog is passed to the requesting program for processing.

SOFTWARE REQUIREMENTS

DSLT requires the following OS/3 software products for operation:

- SCS – OS/3 System Control Software

HARDWARE REQUIREMENTS

DSLT will operate on any 90/25, 30 or 40 model and configuration that meets the minimal hardware configuration requirement for that specific model and satisfies the main storage requirements specified in the software release documentation accompanying each release. Micrologic expansion is also required.

Additional main storage and/or peripheral devices may be required, depending on the user's selection of the system's supported features and the size of the user's programs, files and data bases.

SECTION II

CUSTOMER EDUCATION

Sperry Univac makes available customer education related to this program product. Course availability and schedules are contained in the published course catalog. Charges for courses will be at the then prevailing rates. Customers should contact their local Sperry Univac representatives for enrollment procedures.

PROGRAM PRODUCT SUPPORT

Sperry Univac will endeavor to correct any significant error in an unaltered current release of the Program Product, which the customer brings to the attention of Sperry Univac in accordance with established correction procedures. Sperry Univac does not represent or warrant that all errors will be corrected. This error correction service may result from time to time in update releases which the customer will install. Sperry Univac reserves the right to alter the classification of this Program Product to reflect changes in policy or support requirements.

ORDERING INFORMATION

This Program Product and its associated documentation may be leased from Sperry Univac at separately stated lease charges. Upon execution of a Supplement for Program Products (Form UD1-1306) or its equivalent for this Program Product, the following will be provided:

1. A magnetic tape, diskette(s) or removable disk media in OS/3 Operating System format containing:

   - Dialog Specification Language Translator
   - Installation Verification Program

2. One copy of the associated documentation:

   - Software Release Documentation
   - Dialog Processor User Guide and Programmer Reference, UP-8858
   - Dialog Processor Specification Language User Guide and Programmer Reference, UP-8806