SPERRY+UNIVAC

SYSTEM 80

PROGRAM
PRODUCT
SPECIFICATION

COBOL 1974

Type Number: 6222-00

SECTION 1

The COBOL Compiler provides an American National Standard COBOL plus Sperry Univac extensions.

PRODUCT FEATURES

The COBOL compiler conforms to the specifications of the American National Standard COBOL X3.23-1974 and supports Federal Information Processing Standards Publication (FIPS PUB) 21-1. In addition, the compiler contains extensions that enhance the capabilities of the standard COBOL.

The standard COBOL language modules and levels supported by the compiler are:

Nucleus	Level 2
Table Handling	Level 2
Sequential I-O	Level 2
Relative I-O	Level 2
Indexed I-O	Level 2
Sort-Merge	Level 2
Segmentation	Level 2
Library	Level 2
Debug	Level 2
Inter-Program Communication	Level 2
Communication	Level 2

Extensions include:

Apostrophe as an alternative quotation mark
USAGE COMPUTATIONAL-n
Display floating-point data item
Floating-point literal
CALL USING identifier
IF THEN construct
ASSIGN clause in SPECIAL-NAMES
APPLY clauses
Extended RERUN option
Standard user tape labels
WHEN-COMPILED special register
Sort special registers
ACCEPT FROM USING statement
DISPLAY UPON USING statement

ON statement
TRANSFORM statement
HEXADECIMAL Literal
Extended Debugging Facility
Non-English language feature

SOFTWARE REQUIREMENTS

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

- SCS – OS/3 Sytem Control Software

- SORT/MERGE (if sort verb is utilized) or ESS – OS/3 Extended System Software which includes SORT/MERGE.

- ICAM Terminal Support Facility (if required)

- ESS – OS/3 Extended System Software (if Workstation Screen Format Services are utilized)

HARDWARE REQUIREMENTS

COBOL will operate on any System 80 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.

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:

    -   COBOL 1974
    -   Installation Verification Program

2. One copy of the associated documentation:

    -   Software Release Documentation
    -   Introduction to 1974 ANS COBOL, UP-8804
    -   1974 ANS COBOL User Guide, UP-8807
    -   1974 ANS COBOL Programmer Reference, UP-8613
    -   1974 ANS COBOL Summary, UP-8812