

SERIES 90 - OS/3

# PROGRAM PRODUCT SPECIFICATION

COBOL  
1968 Extended

Type Number: 6236-00

## SECTION I

The Sperry Univac OS/3 Extended 1968 American National Standard COBOL compiler system is a language processor that provides an American National Standard COBOL plus Sperry Univac extensions.

### PRODUCT FEATURES

The OS/3 COBOL compiler conforms to the specifications of the American National Standard COBOL X3.23-1968 plus extensions that enhance the capabilities of the standard COBOL.

The compiler operates in a batch mode under the control of the OS/3 operating system. It produces object programs that execute under the control of the operating system.

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

Nucleus	Level 2
Table-Handling	Level 3
Sequential Access	Level 2
Random Access	Level 2
Sort	Level 2
Segmentation	Level 2
Library	Level 2

The extensions include:

- Apostrophe as an alternative quotation mark
- APPLY clauses
- ORGANIZATION clause
- RECORDING MODE clause
- USAGE COMP-1, COMP-2, COMP-3, and COMP-4
- Floating-point display data item
- Floating-point literals
- SIGN clause
- MAP clause
- LINKAGE SECTION
- PROCEDURE DIVISION USING
- CALL, ENTRY and EXIT PROGRAM statements

GO TO MORE-LABELS statement  
REWRITE and INSERT statements  
TRANSFORM statement  
USE FORM-OVERFLOW statement  
Debugging language  
Indexed Sequential File Processing Facility  
ASCII Tape Processing Facility

## **SOFTWARE REQUIREMENTS**

COBOL-1968 Extended requires the following OS/3 software products for operation:

- SCS - OS/3 System Control Software
- SORT/MERGE or Extended System Software (ESS) if Sort facilities are to be used

## **HARDWARE REQUIREMENTS**

COBOL-1968 Extended will operate on any 90/25, 30 or 40 model and configuration that meets the minimal hardware configuration requirement for that specific model, satisfies the main storage requirements specified in the software release documentation accompanying each release, and includes the micrologic expansion feature.

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 release 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-1968 Extended
  - Installation Verification Program
  
2. One copy of the associated documentation:
  - Software Release Documentation
  - Extended COBOL Summary, UP-8055
  - Extended COBOL Programmer Reference, UP-8059

