

AD-AU-46600  
DDC FILE COPY

☐ DELETE

☐ NEW

☒ REPLACE

☐ CORRECTION

NTIS COMPUTER PRODUCTS  
CATALOG DATA SHEET

1. ACCESSION NO.

2. CONTRIBUTING AGENCY REPORT NO.

3. SUBJECT

DOD/DE-77/005

PCCTS/CCVS74-77/19

Successes AD/A-036173

Compiler

Validation

4. PRODUCT (circle one)

DATA FILE

PUBLICATION

DATA BASE REFERENCE SERVICE

SOFTWARE

MODEL, SIMULATION

5. AGENCY, BUREAU, DIVISION, AND ADDRESS

Federal COBOL Compiler Testing Service  
Department of the Navy  
Washington, DC 20376

6. PRODUCT NAME (Use agency nomenclature)

1974 COBOL Compiler Validation System, 1974.  
Version 3.0.

7. DESCRIPTORS OF PRODUCT (Keywords, identifiers, etc.)

COBOL Programming Languages  
Validation Portability  
Software CCVS  
Audit Routines CVS  
Verifying  
Compilers  
Standards

8. DATES OF COVERAGE (For one-time reports, use as-of-date; for software, use date and release no.)

11 October 1977

9. FILE SIZE IN NO. OF:

REELS 0 0 1 PUNCHED CARDS

10. AVAILABILITY STATEMENT - AGENCY NAME AND ADDRESS, ORDER NO., ETC. (If NTIS sells, leave blank)

Release Unlimited

12 \*mag tape

11. PRICE INFORMATION

\$550.00 NAC; \$880.00 all others  
Price includes documentation AD/A-

12. GEOGRAPHIC SCOPE

National/International

TECHNICAL REPRESENTATIVES (List at least one for subject and one for media)

NAME

TITLE

PHONE NO.

George Baird

Manager of Testing

(202) 697-1247

Arnold Johnson

(202) 697-1247

14. DOCUMENTATION

AVAILABLE

as

EXPECTED AVAILABILITY DATE

408 438

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RECEIVED  
NOV 22 1977  
RECEIVED  
A

## 15. COMPUTER PRODUCT ABSTR.

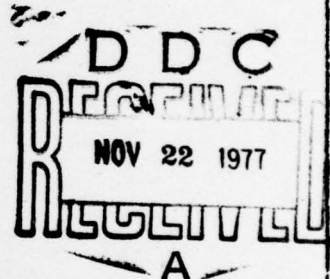
The COBOL Compiler Validation System is used to validate COBOL compilers and to ensure their conformance to the Federal Standard as prescribed in FIPS PUB 21-1. The system consists of a comprehensive set of audit routines, their related data, and an executive routine which prepares the audit routines for compilation in a particular hardware/operating system environment. Each audit routine is a COBOL program which includes several tests and support procedures indicating the result of the tests. All modules of the 1974 COBOL Standard are represented except for the Communications module. Both the arithmetic expressions and the ENTER statement of the Nucleus module are also excluded due to the lack of definition as to their use and results. The executive routine provides a method for resolving implementor names within the source COBOL programs. The executive routine also provides the user with a means for updating source programs and generating the operating system control cards required.

The COBOL Compiler Validation System User's Guide is available from NTIS as report number FCCTS/CCVS74-77/20.

For further information contact:

Federal COBOL Compiler Testing Service  
Department of the Navy  
Washington, DC 20376

(202) 697-1247



## 16. DATA FILE TECHNICAL DESCRIPTION

Source tape is in BCD character set. Tape(s) can be prepared in most standard 7 or 9 track recording modes for one-half inch tape. Identify recording mode desired by specifying character set, track, density, and parity. Call NTIS Computer Products if you have questions.

## 17. SOFTWARE TECHNICAL DESCRIPTION

Software is written in;

Fortran        COBOL X Basic        Assembly        Other (Specify)       

Software requires;

CPR Mfr.        Model(s)        Operating system(s)       

Minimum of        K bytes core. The following special features and/or additional requirements in hardware:       

ADDITIONAL INFO	
NTIS	White Section
DDC	Blue Section
UNANNOUNCED	
JUSTIFICATION	
BY	
DISTRIBUTION/AVAILABILITY	
Dist.	AVAIL. OR OF SECRET
A 21	

SIGNATURE OF AGENCY REPRESENTATIVE, PHONE NO., AND DATE

DR. PAUL OLIVER 8 Feb. 77 (697-1247)

SIGNATURE OF NTIS REPRESENTATIVE AND DATE FORM PREPARED



UNITED STATES DEPARTMENT OF COMMERCE  
National Technical Information Service  
5285 Port Royal Road  
Springfield, Virginia 22161

Date 11-14-77

NTIS Control # 300022

TO: Defense Documentation Center - DDC/TC  
Cameron Station  
Alexandria, Virginia 22314

FROM: NTIS, Input Branch  
5285 Port Royal Road  
Springfield, Virginia 22161

Report # FCCTS-CCV.574-77/9 ADA # 046 600

Title: Federal Cobol Compiler Testing Services  
(mag. tape)

Subject report is ☐ Standard Process ☐ STG report. STG - Special Technology Group. ☒ Computer Product. ☐ Follow up date \_\_\_\_\_.

☐ The report will be accessioned by DDC. The form noting the ADA number is returned.

☐ The report has been assigned the ADA number noted above and is returned to NTIS for processing.

☐ DDC will not process the report. It is returned to NTIS.

Mag Tape Price \$550.00.

PC & MF Price \_\_\_\_\_

Source \$ ADPES

Stock Quantity \_\_\_\_\_

Source Share \_\_\_\_\_

Comments:

AD-A046600

Signature (for billing)

Copy when completed to  
Finance Branch.

DOD Report Action Request  
(Replaces NTIS-164 5-72)

Dottie Adams  
processor

