

AD-A212 550

1

DATE July 27, 1989

TO: Information Services Branch

FROM: Computer Products Support Group

PG

(Init)

Kr

(Init)

LD

(Init)

RE:

DOD/SW/MT-89/026
(REPORT NO.)

ANNOUNCE IN GRA & I

PRIORITY ACTION IS REQUIRED

Attached



Form NTIS 231



Form 277/FCPC-01



NTIS 79



RDP (OF 272)



Consigned Inventory Acquisition

Form (Interagency Agreement
Number and Split)

Process for:



Documentation



Mag Tape

K File
(Data)



Diskette



Documentation

H File
(Software)



Mag Tape



Diskette

DTIC
ELECTE

AUG 22 1989

Actions:



Defense Sponsored: Acquire ADA Number



Order Pending. Return immediately after
copying necessary pages.



Forward processing pages for documentation to Document Control Section.



Subscription request _____ copies



Shelf Stock request _____ copies



Regular Processing. Do not send to Document Control Section.

Remarks:

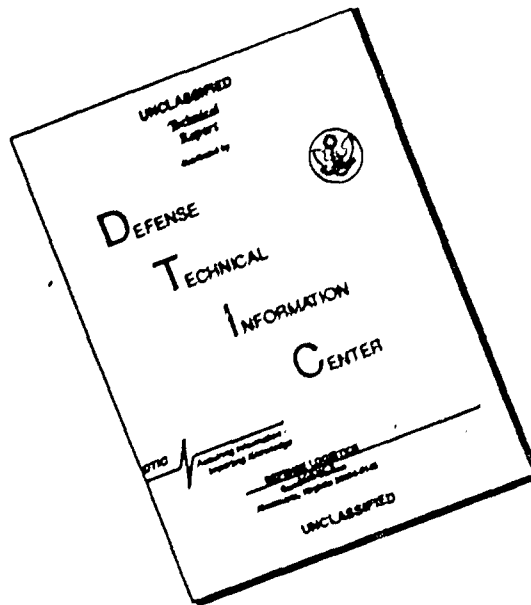
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Distribution Unlimited

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2025-11-14

22. 415.

REPLACE

254

NTIS COMPUTER PRODUCTS CATALOG DATA SHEET		1. ACCESSION NO.	2. CONTRIBUTING AGENCY REPORT NO. DOD/SW/MT-89/026	3. SUBJECT
4. PRODUCT (circle one)				
		DATA FILE	PUBLICATION	
DATA BASE REFERENCE SERVICE		<u>SOFTWARE</u>		MODEL, SIMULATION
5. AGENCY, BUREAU, DIVISION, AND ADDRESS				
ASD/SCEL ACVC Maintenance Organization Bldg 676 Wright-Patterson AFB, Ohio 45433-6503				
6. PRODUCT NAME (Use agency nomenclature)				
Ada Compiler Validation Capability (ACVC) Version 1.11 (Field-Test Release), ANSI, BACKUP, TAR				
7. DESCRIPTORS OF PRODUCT (Keywords, identifiers, etc.) *Software,				
The ACVC is a suite of tests designed to test an Ada Compiler's conformance to MIL-STD-1815A				
8. DATES OF COVERAGE (For one-time reports, use as-of-date; for software, use date and release no.)			9. FILE SIZE IN NO. OF:	
June 1989 Version 1.11 (Draft)			REELS ☐ ☐ ☒	PUNCHED CARDS ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
10. AVAILABILITY STATEMENT - AGENCY NAME AND ADDRESS, ORDER NO., ETC. (If NTIS sells, leave blank)				
*Sec also: AD-A183545				
Includes: ANSI , BACK UP ,TAR 89/0				
11. PRICE INFORMATION			Price includes documentation:	
(\$3,000 Domestic) Price code: T99 (\$6,000 Foreign)				
12. GEOGRAPHIC SCOPE				
The ACVC is unclassified U.S. Software Technology. It should be distributed to domestic and foreign requesters according to U.S. Department of Commerce Regulations.				
13. TECHNICAL REPRESENTATIVES (List at least one for subject and one for media)				
NAME		TITLE	PHONE NO.	
Steven P. Wilson		AMO Technical Director	(513) 253-4472	
14. DOCUMENTATION			EXPECTED AVAILABILITY DATE	
☒ AVAILABLE AS:				

15. COMPUTER PRODUCT ABSTRACT

The Ada Compiler Validation Capability (ACVC) is a suite of tests designed to determine an Ada compiler's conformance to MIL-STD-1815A the Ada Language Reference Manual (LRM). A new official version of the ACVC is released regularly - currently an 18 month cycle. Six months prior to the expiration of an ACVC version, a field - test release of the subsequent version is made available for distribution. ACVC 1.10 was officially released in Jun 88 and will expire 30 Nov 89... Software Description: The model is written in the Ada programming language for implementation on a DEC VAX/8650 computer using the VMS Version 4.7 operating system.

Accession For	
NTIS	☒ CRA&I
DTIC	☐ TAB
Unannounced	☐
Justification	
By <i>Mag. Tape</i> ^{\$} 3,000.00	
Distribution <i>NTIS</i>	
Availability Codes	
Dist	Avail and/or Special
<i>A-1 21</i>	

16. DATA FILE TECHNICAL DESCRIPTION

Source tape is in ASCII character set. Character set restricts preparation to 9 track, one-half inch tape only. Identify recording mode by specifying density only. Call NTIS Computer Products, if you have any questions.

17. SOFTWARE TECHNICAL DESCRIPTION

Software is written in;

Fortran _____ COBOL _____ Basic _____ Assembly _____ Other (Specify) Ada

Software requires;

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

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

SIGNATURE OF AGENCY REPRESENTATIVE, PHONE NO., AND DATE

SIGNATURE OF NTIS REPRESENTATIVE AND DATE FORM PREPARED

COMPUTER MAGNETIC TAPE FILE PROPERTIES

01. Completion Date <table border="1"> <tr> <td>yr</td> <td>Month</td> <td>Day</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>			yr	Month	Day				02. Form Prepared By (Name and Phone) Thomas H. Stripe (513) 255-4472		03. Reel ID Number (Property Control No.) ACVC 1.11 ANSI							
yr	Month	Day																
04. Recording Date <table border="1"> <tr> <td>Year</td> <td>Month</td> <td>Day</td> </tr> <tr> <td>8</td> <td>9</td> <td>06</td> </tr> </table>			Year	Month	Day	8	9	06	05. File Identifier or Descriptive Title Ada Compiler Validation Capability (ACVC) Version 1.11 (Field-Test Release)		06. Short Title (External Label Name) ACVC11							
Year	Month	Day																
8	9	06																
07. Source Unavailable <table border="1"> <tr> <td>Year</td> <td>Month</td> <td>Day</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>			Year	Month	Day				08. Documentation <table border="1"> <tr> <td>Yes</td> <td>No</td> <td>Available</td> </tr> <tr> <td>X</td> <td></td> <td>(Enter Citation)</td> </tr> </table>		Yes	No	Available	X		(Enter Citation)	09. File Position on Reel _____ of _____	
Year	Month	Day																
Yes	No	Available																
X		(Enter Citation)																
10. To Be Returned <table border="1"> <tr> <td>Yes</td> <td>No</td> <td>To Other Than The Sender</td> </tr> <tr> <td></td> <td>X</td> <td></td> </tr> </table>			Yes	No	To Other Than The Sender		X		11. Submitting Organization & Address ASD/SCCL ACVC Maintenance Organization Bldg 676 Wright-Patterson AFB, Ohio 45433-6503		12. Receiving Organization & Address U.S. Department of Commerce National Technical Information Service 5285 Port Royal Road Springfield, VA 22161							
Yes	No	To Other Than The Sender																
	X																	
13. Due Back Date <table border="1"> <tr> <td>Year</td> <td>Month</td> <td>Day</td> </tr> <tr> <td></td> <td></td> <td></td> </tr> </table>			Year	Month	Day													
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14. Technical Contact(s) & Phone Number(s) Steven P. Wilson (513) 255-4472																		

RECORDING SYSTEM CHARACTERISTICS

EQUIPMENT MANUFACTURER AND MODEL	15. Processing Unit Digital Equipment Corp. VAX 8650		17. No. of Tracks <table border="1"> <tr> <td>7</td> <td>9</td> <td>Other</td> </tr> <tr> <td></td> <td>X</td> <td></td> </tr> </table>			7	9	Other		X		18. Parity <table border="1"> <tr> <td>Odd</td> <td>Even</td> </tr> <tr> <td>X</td> <td></td> </tr> </table>		Odd	Even	X		19. Density (BPI) 1600
	7	9	Other															
	X																	
Odd	Even																	
X																		
16. Tape Subsystem DEC TU81E/AA																		
RECORDING SOFTWARE	20. Operating System, Release & Version VAX/VMS Version 4.7		22. Internal File Identifier															
	21. Utility Program or Data Base Language Copy																	
23. Characters Set (Graphics) ☒ ASCII ☐ BCD ☐ Other (Specify) ☐ EBCDIC ☐ FIELDATA ☐ Non-Print Codes			24. Recorded Label (Internal Label) ☐ Header ☒ ANSI X 3.27 Standard ☐ Other ☐ Trailer ☐ FIPS Standard ☐ None															

FILE CHARACTERISTICS

NUMBER OF RECORDS	25. Physical 8785	27. Record Type ☐ Fixed Length ☒ Other Than Fixed	28. Records/Block (Blocking Factor) N/A	29. TYPE OF FILE ORGANIZATION (Check One Box) ☐ One File One Reel ☐ One File Multiple Reels ☒ Multiple Files One Reel ☐ Multiple Files Multiple Reels
	26. Logical 289			
RECORD LENGTH	30. Physical ☒ Bytes ☐ Chars. ☐ Words (Bits/Word)			
	31. Logical ☐ Bytes ☒ Chars. ☐ Words (Bits/Word)			

SUPPLEMENTAL INFORMATION

32. Use/Handling Constraints (Specify if Yes)	
Yes	No
X	
The ACVC is unclassified U.S. software technology. It should be distributed to domestic and foreign requesters according to U.S. Department of Commerce Regulations.	
33. For Submitting Organization Use	

COMPUTER MAGNETIC TAPE FILE PROPERTIES

01. Completion Date <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">yr</td> <td style="width: 33%;">Month</td> <td style="width: 33%;">Day</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>			yr	Month	Day				02. Form Prepared By (Name and Phone) Thomas H. Stripe (513) 255-4472		03. Reel ID Number (Property Control No.) ACVC 1.11 Backup							
yr	Month	Day																
04. Recording Date <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Year</td> <td style="width: 33%;">Month</td> <td style="width: 33%;">Day</td> </tr> <tr> <td>8</td> <td>9</td> <td>06</td> </tr> </table>			Year	Month	Day	8	9	06	05. File Identifier or Descriptive Title Ada Compiler Validation Capability (ACVC) Version 1.11 (Field-Test Release)		06. Short Title (External Label Name) ACVC11							
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07. Source Unavailable <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Year</td> <td style="width: 33%;">Month</td> <td style="width: 33%;">Day</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>			Year	Month	Day				08. Documentation <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Yes</td> <td style="width: 33%;">No</td> <td style="width: 33%;">Available</td> </tr> <tr> <td>X</td> <td> </td> <td>(Enter Citation)</td> </tr> </table>		Yes	No	Available	X		(Enter Citation)	09. File Position on Reel _____ of _____	
Year	Month	Day																
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	X	Than The Sender																
13. Due Back Date <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">Year</td> <td style="width: 33%;">Month</td> <td style="width: 33%;">Day</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>			Year	Month	Day				14. Technical Contact(s) & Phone Number(s) Steven P. Wilson (513) 255-4472									
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RECORDING SYSTEM CHARACTERISTICS

EQUIPMENT MANUFACTURER AND MODEL	15. Processing Unit Digital Equipment Corp VAX 8650		17. No. of Tracks <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">7</td> <td style="width: 33%;">9</td> <td style="width: 33%;">Other</td> </tr> <tr> <td> </td> <td>X</td> <td> </td> </tr> </table>			7	9	Other		X		18. Parity <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Odd</td> <td style="width: 50%;">Even</td> </tr> <tr> <td>X</td> <td> </td> </tr> </table>		Odd	Even	X		19. Density (BPI) 1600
	7	9	Other															
	X																	
Odd	Even																	
X																		
16. Tape Subsystem DEC TU81E/AA																		
RECORDING SOFTWARE	20. Operating System, Release & Version VAX/VMS Version 4.7		22. Internal File Identifier ACVC11.BCK															
	21. Utility Program or Data Base Language Backup																	
23. Characters Set (Graphics)		24. Recorded Label (Internal Label)																
☒ ASCII ☐ BCD ☐ Other (Specify) ☐ EBCDIC ☐ FIELDATA ☐ Non-Print Codes		☐ Header ☐ ANSI X 3.27 Standard ☐ Other ☐ Trailer ☐ FIPS Standard ☒ None																

FILE CHARACTERISTICS

NUMBER OF RECORDS	25. Physical 2488		27. Record Type ☐ Fixed Length ☒ Other Than Fixed		28. Records/Block (Blocking Factor) N/A	29. TYPE OF FILE ORGANIZ- ATION (Check One Box)
	26. Logical 1					
RECORD LENGTH	30. Physical ☒ Bytes ☐ Chars. ☐ Words (Bits/Word)					
	31. Logical ☐ Bytes ☒ Chars. ☐ Words (Bits/Word)					
TYPE OF FILE ORGANIZATION ☒ One File One Reel ☐ One File Multiple Reels ☐ Multiple Files One Reel ☐ Multiple Files Multiple Reels						

SUPPLEMENTAL INFORMATION

32. Use/Handling Constraints (Specify if Yes)	
Yes	No
X	
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33. For Submitting Organization Use	

COMPUTER MAGNETIC TAPE FILE PROPERTIES

01. Completion Date Year: Month: Day:			02. Form Prepared By (Name and Phone) Thomas H. Stripe (513) 255-4472			03. Reel ID Number (Property Control No.) ACVC 1.11 tar		
04. Recording Date Year: Month: Day: 8 9 0 6 3 0			05. File Identifier or Descriptive Title Ada Compiler Validation Capability (ACVC) Version 1.11 (Field-Test Release)			06. Short Title (External Label Name) ACVC11		
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RECORDING SYSTEM CHARACTERISTICS

EQUIPMENT MANUFACTURER AND MODEL	15. Processing Unit Digital Equipment Corp VAX 8650				17. No. of Tracks 7 ☐ 9 ☐ Other ☐			18. Parity Odd ☐ Even ☐		19. Density (BPI)
	16. Tape Subsystem DEC TU81E/AA				7 ☐ 9 ☒ Other ☐			Odd ☒ Even ☐		
RECORDING SOFTWARE	20. Operating System, Release & Version VAX/VMS Version 4.7				22. Internal File Identifier					
	21. Utility Program or Data Base Language UNIXWRITE (FORTRAN)									
23. Characters Set (Graphics) ☒ ASCII ☐ BCD ☐ Other (Specify) ☐ EBCDIC ☐ FIELDATA ☐ Non-Print Codes					24. Recorded Label (Internal Label) ☐ Header ☐ ANSI X 3.27 Standard ☐ Other ☐ Trailer ☐ FIPS Standard ☒ None					

FILE CHARACTERISTICS

NUMBER OF RECORDS	25. Physical 1694		27. Record Type ☐ Fixed Length ☒ Other Than Fixed		28. Records/Block (Blocking Factor) N/A		29. TYPE OF FILE ORGANIZATION (Check One Box) ☒ One File One Reel ☐ One File Multiple Reels ☐ Multiple Files One Reel ☐ Multiple Files Multiple Reels
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