NISTIR 5629
(Supersedes NISTIR 5585)

VALIDATED PRODUCTS LIST
Volume 1
1995 No. 2

Programming Languages
Database Language SQL
Graphics
POSIX
Computer Security

Judy B. Kailey
Editor

U.S. DEPARTMENT OF COMMERCE
Technology Administration
National Institute of Standards
and Technology
Computer Systems Laboratory
Software Standards Validation Group
Gaithersburg, MD 20899

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U.S. DEPARTMENT OF COMMERCE
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NATIONAL INSTITUTE OF STANDARDS
AND TECHNOLOGY
Arati Prabhakar, Director

FOREWORD

The Validated Products List (VPL) identifies information technology products that have been tested for conformance to Federal Information Processing Standards (FIPS) in accordance with Computer Systems Laboratory (CSL) conformance testing procedures, and have a current validation certificate or registered test report. The VPL also contains information about the organizations, test methods and procedures that support the validation programs for the FIPS identified in this document. The VPL includes computer language processors for programming languages COBOL, Fortran, Ada, Pascal, C, M[UMPS], and database language SQL; computer graphic implementations for GKS, CGM, PHIGS, and Raster Graphics; operating system implementations for POSIX; open systems interconnect implementations for GOSIP; and computer security implementations for DES, MAC and Key Management. The testing of products to assure conformance to the FIPS may be required by Government agencies in accordance with the FIPS, Federal Information Resources management Regulation (FIRMR) Parts 201.13 and 201.39, and the associated Federal ADP and Telecommunications Standards Index. The VPL is updated and published quarterly.

The entries for GOSIP are presented in Volume 2 of the Validated Products List. Volume 2 will be sent only to those who specifically request it. If you have received only Volume 1 and wish to receive Volume 2, please contact:

Ms Judy Kailey
National Institute of Standards and Technology
Computer Systems Laboratory
Software Standards Validation Group
Building 225, Room A266
Gaithersburg, MD 20899

(301) 975-3259

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Susan Sherrick, (ISE), for GKS entries

Lynne Rosenthal, (ISE), for CGM entries

Kevin Brady, (ISE), for PHIGS information

Martha Gray, of the Systems and Software Technology Division, CSL, for the POSIX entries

James Foti, of the Computer Security Division, CSL, for the Computer Security entries

Michelle Buckley, of the Systems and Network Architecture Division, CSL, for GOSIP.

TABLE OF CONTENTS

1. INTRODUCTION

1.1 Purpose

The testing of Information Technology (IT) Products to determine the degree to which they conform to specific Federal Information Processing Standards (FIPS) may be required by Government agencies as specified by the FIPS, Federal Information Resources Management Regulation (FIRMR) Parts 201-20.303, 201-20.304, and 201-39.1002, and the associated Federal ADP and Telecommunications Standards Index. Products having a current validation certificate or test report may be offered or delivered by vendors in response to requirements as set forth in solicitations by Federal agencies. The Validated Products List (VPL) contains conformance testing information for the following IT Standards:

Programming Languages COBOL, Fortran, Ada, Pascal, C, and M[UMPS]
Database Language SQL
Graphics
POSIX
Computer Security
GOSIP

This List is updated and published quarterly. The information contained herein is supplied by the contributors listed in Section 2.6 and Appendix A, and is current as of the tenth of the month preceding the publication date. Copies of the VPL may be obtained from:

National Technical Information Service
U.S. Department of Commerce
5285 Port Royal Road
Springfield, VA 22151

Subscriptions: (703) 487-4630
Individual Copies: (703) 487-4650

Ordering Number: PB94-937304/AS

The entries in the printed VPL (except those for GOSIP, POSIX and Ada) are contained in WordPerfect Version 5.1 files and may be accessed on the Internet using the following instructions:

Type: **ftp speckle.ncsl.nist.gov** (internet address is 129.6.59.2)
Login as user **ftp**
Type your e-mail address preceded by a dash (-) as the password
Type: **cd vpl**
Type: **binary**
Type: **get** and the name of the file you want; e.g. **language**

These entries are also available as DOS text files, through the World Wide Web using MOSAIC using one of the following instructions:

a. Open the file called "http://speckle.ncsl.nist.gov/~kailey/intro.htm"
b. Open the file called "ftp://speckle.ncsl.nist.gov/vpl/html/intro.htm"

Questions or comments concerning the VPL should be directed to:

National Institute of Standards and Technology (NIST)
Computer Systems Laboratory
Software Standards Validation Group
Building 225, Room A266
Gaithersburg, MD 20899
Telephone (301) 975-3274

1.2 Document Organization

1.2.1 Programming Languages

Section 2 identifies those COBOL, Fortran, Pascal, C, Ada, and M[UMPS] programming language processors that have a current validation certificate or registered test report referencing the applicable FIPS as of the date of this publication.

1.2.2 Database Language SQL

Section 3 identifies those SQL language processors that have a validation certificate or a registered test report for FIPS PUB 127-2 as of the date of this publication.

1.2.3 Graphics

Section 4 lists the implementations or files for which a validation certificate is currently in place. These entries include:

Graphical Kernel System (GKS) implementations (FIPS PUB 120-1),
Programmer's Hierarchical Interactive Graphics Systems (PHIGS) (FIPS PUB 153),
Computer Graphics Metafiles (CGMs) (FIPS PUB 128),
Raster Graphics data files (FIPS PUB 150).

1.2.4 POSIX

Section 5 identifies POSIX products that have a current validation certificate for FIPS PUB 151-1 and FIPS PUB 151-2.

1.2.5 Computer Security

Section 6 contains information regarding validated products for FIPS PUB 46-1, Data Encryption Standard (DES), FIPS PUB 113, Computer Data Authentication (Implements Message Authentication Code, ANSI X9.9), and FIPS PUB 171, Key Management Using ANSI X9.17.

1.2.6 GOSIP

Section 7, presented in Volume 2 contains information regarding FIPS PUB 146-1, GOSIP, conformance testing registers.

1.2.7 FIPS Conformance Testing Products

Appendix A lists FIPS conformance testing products and services available to the public. Information for these products and services may be obtained by contacting the appropriate person listed.

2. PROGRAMMING LANGUAGES

2.1 FIPS Programming Language Standards

As specified by the FIPS, FIRMR and the associated Federal ADP and Telecommunications Standards Index, Federal agencies when acquiring language processors, are responsible for assuring that processors are in accordance with the following FIPS for programming languages:

a. COBOL processors must satisfy the provisions of FIPS PUB 21-3, COBOL, and must be identified as implementing all of the language elements of at least one of the subsets of FIPS COBOL as specified in FIPS PUB 21-3.

b. BASIC processors must satisfy the provisions of FIPS PUB 68-2, BASIC.

c. Fortran processors must satisfy the provision of FIPS PUB 69-1, Fortran, (based on ANSI X3.9-1978) and must be identified as implementing all of the language elements of the subset or full levels of FIPS Fortran as specified in FIPS PUB 69-1.

d. Pascal processors must satisfy the provisions of FIPS PUB 109, Pascal.

e. Ada processors must satisfy the provisions of FIPS PUB 119, Ada.

f. M[UMPS] processors must satisfy the provisions of FIPS PUB 125-1, M[UMPS].

g. C processors must satisfy the provisions of FIPS PUB 160, C.

h. VHDL processors must satisfy the provisions of FIPS PUB 172, VHDL.

Copies of the above publications are for sale by the National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161.

Conformance testing programs are currently available for all above FIPS except for the programming language BASIC and VHDL. A test suite for BASIC is being developed.

2.2 Organization of Programming Language Processor Entries

The entries in the VPL for programming language processors are presented as follows:

- The SUPPLIER column contains the name of the provider of the processor that was tested.

- The next column contains the PROCESSOR IDentification, the Validation Summary Report (VSR) number, the SUBSET, and the EXPIRY DATE.

  The PROCESSOR ID is the product name and version of the processor that was tested.

  The VSR number refers to the VSR that was produced as a result of the testing. The VSR describes the testing environment and details any processor nonconformity that was detected as a result of the testing. Information for obtaining a VSR is listed in section 2.6.

The EXPIRY DATE is the expiration date of the Certificate of Validation or Registered Validation Summary Report. A processor may be included in the List after the certificate has expired if the validation is in process. Notification must be received by NIST at least 30 days prior to publication of the List in order for such a processor to be included. In this case the expiration date will be followed by "(pending)".

For COBOL processors, the SUBSET refers to the applicable Federal Subset (Minimum, Intermediate, or High). For Fortran processors, the LEVEL specifies the applicable Federal level (Subset or Full). For Pascal processors, the ISO 7185 Pascal Standard Level (ISO 7185 Level 0 is equivalent to FIPS 109).

- The HARDWARE & OPERATING SYSTEM column presents the hardware and operating system environment (including pertinent supporting system software) used during the validation.

- The entries in the OTHER ENVIRONMENTS column are registered hardware and operating system environments for the processor tested. The vendor of the processor has certified that the identified processor, when operating under the environments included in this column, produces the same test results as those obtained from the hardware and operating system environment used during the validation. Test results and other information from these environments may be required as evidence for entries to be included in this column.

The entries for Ada language processors are not presented in column format.

Also listed are the programming language processors that have been tested and during the testing were found to have one or more nonconformities.

2.3 Validation of Processors

2.3.1 Validation Requirements

In accordance with the requirements referenced in Section 1.1, language processors offered to the Government for purchase, lease, or use in connection with ADP services shall be validated for conformance to FIPS for programming languages. To confirm that the specifications of the designated FIPS have been met:

a. the processor shall be tested with the Compiler Validation System (CVS) approved by NIST,

b. the processor validations shall be conducted in accordance with NIST validation procedures,

c. a Validation Summary Report (VSR) shall be produced summarizing the test results of the CVS on the designated processor for that FIPS,

d. all nonconformities noted in the VSR shall be corrected within twelve months,

e. a Certificate of Validation shall be issued if validation results warrant. In order for a processor to receive a Certificate of Validation the processor must successfully pass all applicable tests of the CVS without exception.

The Federal ADP and Telecommunications Standards Index supplies standard terminology which may allow for delayed validation. When delayed validation is allowed, the offeror may meet this requirement by showing evidence of having submitted the processor for validation. Proof of submission is in the form of a letter from NIST scheduling the validation.

Programming language processors offered to the Federal Government must comply with the applicable Government requirements. Failure to comply with these requirements shall be deemed sufficient cause to declare a bidder non-responsive or to declare a vendor in default for failure to deliver required software.

2.3.2 Placement in the List

For a processor to be placed in the List it must:

a. have been officially tested within the past twelve calendar months, and

b. have no errors remaining that were identified during a previous test.

2.3.3 Removal from the List

A processor is removed from the List when:

a. the processor is not officially tested within twelve calendar months, or

b. testing indicates that the processor still contains errors identified during a previous validation.

2.3.4 Validation Procedures

Validation procedures are published in the following documents:

Compiler Validation Procedures, dated January 15, 1993
Ada Compiler Validation Procedures and Guidelines, Version 3.1, August, 1992
Pascal Validation Policy and Procedures, Version 5.6, September 1, 1994
M[UMPS] Validation Procedures, Version 1.0, dated August 13, 1992

2.4 Certificate of Validation

A Certificate of Validation is issued for those programming language processors that have been tested and are considered to be in compliance with the FIPS as specified by the FIPS, FIRMR and the associated Federal ADP and Telecommunications Index.

The requirement for retesting may be waived and the certificate of validation extended at the option of NIST if:

a. no errors were identified during the previous testing of the processor,

b. the vendor certifies, in writing, to NIST that no changes have been made to either the processor or the supporting system software, and

c. no new version of the validation system has been officially released during the interim period.

2.5 Language Processor Validation Suites

Following are the validation suites and ordering information for testing programming language processors for conformance to FIPS.

a. Copies of the COBOL, Fortran, M[UMPS], and Ada Compiler Validation Suites may be purchased from:

National Technical Information Service (NTIS)
5285 Port Royal Road
Springfield, VA 22161
Telephone (703) 487-4650 (Voice)
(703) 321-8547 (FAX)

COMPILER VALIDATION SYSTEM [MEDIUM/FORMAT]	VERSION	NTIS ACCESSION NUMBER
COBOL 85 (CCVS85)	4.2	PB93-504918
Fortran (FCVS78)	2.1	PB94-500691
Ada [Tape/Backup]	1.11	ADA212551
Ada [Tape/Tar]	1.11	ADA212437
Ada [Tape ANSI Standard]	1.11	ADA212548
Ada [Disk (MS/DOS)]	1.11	ADA212549
M[UMPS]	8.3	PB94-504099

b. The current version of the Pascal Validation System (PVS) is Version 5.6 and is available from:

Prospero Software
190 Castelnau
London
SW13 9DH
ENGLAND
Telephone (011) +44-081 741 8531 (Voice)
(011) +44-081 748 9344 (FAX)

c. The current version of the ANSI C Validation Suite (ACVS™) is Version 4.2 and is available from:

Perennial, Inc.
4699 Old Ironsides Drive
Suite 210
Santa Clara, CA 95054
Telephone (408) 748-2900 (Voice)
(408) 748-2909 (FAX)

2.6 Testing Laboratories and Supporting Organizations

The organizations listed below have performed validations, supplied information, or are sources for Validation Summary Reports (VSR) for programming languages. These organizations may be contacted for validation information and for copies of VSR(s). COBOL and Fortran VSR(s) may

be obtained from NIST. Pascal VSR(s) whose VSR numbers begin with "NIST" or end in "US" may also be obtained from NIST. Pascal VSR(s) whose VSR numbers end in "UK" are available from BSI. Ada VSR(s) may be obtained from the Ada Information Clearinghouse, the National Technical Information Service, or from the Ada Validation Facility (AVF) that produced the VSR. To obtain a copy of a VSR from an AVF, locate the upper case letter in the certificate number (e.g., 870608W1. . .). That letter corresponds to the letter in the CODE column to the left of the organizations listed below.

CODE	ORGANIZATION	CONTACTS	LANGUAGE
S	National Institute of Standards and Technology Software Standards Validation Group Building 225, Room A266 Gaithersburg, MD 20899 (301) 975-3274 Telex: 197674 NBS UT FAX: (301) 948-6213	L. Arnold Johnson Judy Kailey Carmelo Montanez William Dashiell	All COBOL, Fortran BASIC Pascal, C Ada, M[UMPS], SQL, VHDL
N	National Computing Centre Limited (NCC) Oxford House, Oxford Road Manchester M1 7ED United Kingdom (011) +44 (61) 228 6333 +44 (61) 236 9877 (FAX) Telex 668962	Jane Pink Jon Leigh David Bamber	COBOL Fortran Ada C
	German National Research Center for Computer Science (GMD) Department Scientific Visualization Supercomputer Center (HLRZ) P. O. 1316, Schloss Birlinghoven D-W-5205 Sankt Augustin 1 Germany (011) +49-2241-14-2706 (voice) (011) +49-2241-14-2618 (FAX) kirsch @gmdzi.gmd.de	Berthold Kirsch	Fortran
	Instituto Italiano del marchio di Qualita (IMQ) Servicio SCQ Via Quintiliano, 43 20138 Milano Italy +39-2-5073266 +39-2-5073271 (Fax) Telex: 310 393 IMQI	Angelo Belloni	COBOL Fortran
	JMI Institute 21-25, Kinuta 1-Chome Setagaya-Ku, Tokyo 157 Japan +81 3 3416 9600	Y. Fukui	COBOL Fortran

	British Standards Institution Quality Assurance (BSIQA) P.O. Box 375 Milton Keynes MK14 6LL United Kingdom (011) +44 908-22-09-08 (011) +44-908-22-06-71 (Fax) Telex: 827682 BSIQAS G	John Souter	Pascal
W	Ada Validation Facility Language Control Facility ASD/SCEL Wright-Patterson AFB, OH 45433-6503 (513) 255-4472	Dale Lange	Ada
B or A	Association Francais de Normalisation (AFNOR) Direction Certification Tour Europe, Cedex 7 BP-92049 Paris la Dè fense FRANCE (011) 33-142915960 (011) 33-142915656 (Fax) Telex: AFNOR 611 974 F	M. Alphonse Philippe	Ada
I	IABG-AVF Industrieanlagen-Betriebsgesellschaft Dept. ITE Einsteinstrasse 20 D-8012 Ottobrunn Federal Republic of Germany +49-89-6088-2477 e-mail: tonndorf@ajpo.sei.cmu.edu	Michael Tonndorf	Ada
	Ada Information Clearinghouse P. O. Box 1866 Falls Church, VA 22041 (703) 681-2466		Ada VSR(s)
	National Technical Information Service U.S. Department of Commerce 5285 Port Royal Road Springfield, VA 22161 (703) 487-4650		Ada VSR(s)

2.7 LANGUAGE PROCESSORS WITH CERTIFICATES
NO NONCONFORMITIES

2.7.1 COBOL PROCESSORS

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
Computer Associates	CA-Realia II Workbench Version 1.1.20 NIST-94/1701; Intermediate; 6/1/95	IBM PS/2 Model 95; Windows NT Version 3.1	IBM PS/2 Model 60, 70, 80, 90; Windows NT Version 3.1
	CA-Realia II Workbench Version 1.1.20 NIST-94/1702; Intermediate; 6/1/95	IBM PS/2 Model 95; Windows Version 3.1	IBM PS/2 Model 60, 70, 80, 90; Windows Version 3.1
	CA-Realia II Workbench Version 1.1.20 NIST-94/1703; Intermediate; 6/1/95	IBM PS/2 Model 95; OS/2 Version 2.1	IBM PS/2 Model 60, 70, 80, 90; OS/2 Version 2.1
	CA-Realia II Workbench Version 1.1.20 NIST-94/1704; Intermediate; 6/1/95	IBM PS/2 Model 95; DOS Version 6.20	IBM PS/2 Model 60, 70, 80, 90; DOS Version 6.20
	CA-Realia COBOL Version 4.2 NIST-94/1705; Intermediate; 6/1/95	IBM PS/2 Model 95; DOS Version 6.20	IBM PS/2 Model 60, 70, 80, 90; DOS Version 6.20
	CA-Realia COBOL Version 4.2 NIST-94/1706; Intermediate; 6/1/95	IBM PS/2 Model 90; OS/2 Version 2.1	IBM PS/2 Model 60, 70, 80, 95; OS/2 Version 2.1
Digital Equipment Corporation	VAX COBOL Version 5.2; NIST-94/1401; High; 4/1/96	VAX 4000 Model 60; OpenVMS VAX, Version 5.5	VAX 4000 models 200, 300; VAX 6000 models 200, 300, 400, 500; VAX's 8200, 8250, 8300, 8350, 85xx, 8600, 8650, 8700, 8800, 8810, 8820, 8830, 8840; VAX 9000 models 210, 400; VAXft 3000 model 310, VAX 11/730, VAX 11/750, VAX 11/785; MicroVAX II, 2000, 3100, 3200, 3500, 3520, 3540; VAXstation II, 2000, 3100, 3200, 3500, 3520, 3540; VAXserver 3600, 3602, 3800, 3900, 4000 models 200, 300; 6000, 210/220, 6000 310/320; 6000 410/420; 6000 510/520; OpenVMS VAX Version 5.5
	DEC COBOL for OpenVMS AXP Version 2.0; NIST-94/1402; High; 4/1/95	DEC/3000 Model 500; OpenVMS AXP, Version 6.1	DEC 10000, 7000, 4000, 3000, 2000, 1000; OpenVMS for AXP, Version 6.1
	DEC COBOL for OSF/1 AXP Version 1.1; NIST-94/1403; Intermediate; 4/1/95	DEC/3000 Model 500; OSF/1 AXP, Version 2.0	DEC 10000, 7000, 4000, 3000, 2000, 1000; OSF/1 for AXP, Version 2.0

COBOL PROCESSORS, *Continued*

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
	Micro Focus COBOL V3.1 for UNIX (Digital DECstation); NIST-94/1945; High; 8/1/95	Digital DECstation 5000/240 Ultrix Version 4.3A	
	Micro Focus COBOL V3.1 for UNIX (Digital Alpha AXP running OSF/1); NIST-94/1946; High; 8/1/95	Digital DEC 3000 AXP OSF/1 Version 2.0	
	Micro Focus COBOL V3.2 for UNIX (Intel 80386 running SCO UNIX); NIST-94/1947; High; 8/1/95	UNIQ 486 EISA SCO UNIX Version 3.2 v 4.2	
	Micro Focus COBOL V3.s.43 for NT (Intel 80386 running NT); NIST-94/1948; High; 8/1/95	Dell 466/T MS Windows NT Version 3.1	
	Micro Focus COBOL V3.2 for DOS, Windows and OS2 IBM PC); NIST-94/1949; High; 8/1/95	Digital DECPC 433dx MTE MS DOS Verson 6.2	
	Micro Focus COBOL V3.s.47 for NT (Digital Alpha AXP running NT); NIST-94/194A; High; 8/1/95	Digital Alpha AXP 150 MS Windows NT Version 3.1	
	COBOL Version 2.1 for DEC OSF/1 Systems NIST-94/2001; High; 9/1/95	DEC 3000 AXP Model 500 DEC OSF/1 Version 2.0	DEC 2000 Models 300 AXP, 500; 2100; 3000 Models 300, 300L, 300X, 300XL, 400, 400S, 500, 500S, 500X, 600, 600S, 800, 800S, 900; 4000 Models 610, 710; 7000 Models 610,700; 10000 Model 610; DEC OSF/1 Version 2.0
Hewlett-Packard Company	COBOL/HP-UX Version B.08.00; NIST-94/1631; High; 5/1/95	HP9000 Series 720; HP-UX Version 9.0	HP9000 Series 635, 645, 705, 710, 712, 715, 720, 725, 730, 735, 750, 755, 807, 815, 817, 822, 825, 827, 832, 834, 835, 837, 842, 845, 847, 850, 852, 855, 857, 860, 865, 867, 870, 870/200, 870/300, 870/400, 877, 887, 890, 890/1, 890/2, 890/3, 890/4, 897, EXX, FXX, GXX, HXX, IXX, T500; HP-UX Version 9.0
	COBOL/iX Version A.04.11; NIST-94/1632; High; 5/1/96	HP3000 Series 967; MPE/iX Version B.30.45	HP3000 Series 917, 920, 922, 925, 927, 932, 935, 937, 947, 948, 949, 950, 955, 957, 958, 960, 967, 977, 980/100/200/300/400, 987, 987/200RX/SX, 987/200Plus, 990, 991/CX/DX, 992, 992/100/200/300/400, 995/CX/DX/ 100/200/300/400/500/600/700/800, 918LX/RX, 928LX/RX, 968LX/RX, 978LX/RX; MPE/iX Version B.30.45

COBOL PROCESSORS, *Continued*

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
	Nihongo COBOL/HPUX (SJIS) Version A.08.02; NIST-94/1633; High; 5/1/95	HP9000 Series 720; HP-UX Version 9.0	HP9000 Series 635, 645, 705, 710, 712, 715, 720, 725, 730, 735, 750, 755, 807, 815, 817, 822, 825, 827, 832, 834, 835, 837, 842, 845, 847, 850, 852, 855, 857, 860, 865, 867, 870, 870/200/300/400, 877, 887, 890, 890/1, 890/2/3/4, 897, EXX, FXX, GXX, HXX, IXX, T500; HP-UX Version 9.0
	Nihongo COBOL/HPUX (EUC) Version A.08.01; NIST-94/1634; High; 5/1/95	HP9000 Series 720; HP-UX Version 9.0	HP9000 Series 635, 645, 705, 710, 712, 715, 720, 725, 730, 735, 750, 755, 807, 815, 817, 822, 825, 827, 832, 834, 835, 837, 842, 845, 847, 850, 852, 855, 857, 860, 865, 867, 870, 870/200/300/400, 877, 887, 890, 890/1/2/3/4, 897, EXX, FXX, GXX, HXX, IXX, T500; HP-UX Version 9.0
IBM Canada, Ltd.	COBOL/400 Version 3 Release 1; NIST-94/2121; Intermediate; 11/1/95	AS/400; OS/400 Version 3 Release 1	
IBM Corporation	IBM SAA AD/CYCLE COBOL/370 Version 1 Release 1; NIST-94/1923; High; 6/1/95	IBM 3090; MVS/ESA Version 5 Release 1 VM/ESA Version 1 Release 2.2	IBM 390, 3000, 4381-T92, 9000; MVS/ESA Version 4 Release 3 VM/ESA Version ESA Release 1.0
	VS COBOL II Version 1 Release 4; NIST-94/1921; Intermediate; 6/1/95	IBM 3090; VM/ESA Version 1 Release 2.2 MVS/ESA Version 5 Release 1 VSE/ESA Version 1 Release 3	IBM 370, 390, 3000, 4300, 9000; VM/SP6 MVS/XA Version 2 Release 2.3 MVS/370 Version 1 Release 3.6 VSE/ESA Version 1 Release 3
Liant Software Corporation	LPI-COBOL Version 070011 (7.0.11); NIST-94/1241; High; 8/1/95	AT&T Global Information Solutions, Model 3000; UNIX Version V Release 4	
Micro Focus	Micro Focus COBOL V3.2 for DOS, Windows and OS/2; NIST-94/1941; High; 8/1/95	Compaq Deskpro; IBM OS/2 Version 2.1 IBM PS/2 Model 80; Microsoft DOS Ver 6.2	IBM PS/2 Model 85; IBM OS/2 Version 2.1 Dell 433 MX MS DOS Version 6.2
	Micro Focus COBOL V3.2 for UNIX (IBM RS/6000); NIST-94/1942; High; 8/1/95	IBM RISC System/6000, 58H AIX Version 3.2.5	
	Micro Focus COBOL V3.2 for UNIX (Intel 80386 running SCO UNIX); NIST-94/1943; High; 8/1/95	UNIQ 486 EISA SCO UNIX 3.2 v 4.2	

COBOL PROCESSORS, *Continued*

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
	Micro Focus COBOL V3.2 for UNIX (Sun SPARC running Solaris 2); NIST-94/1944; High; 8/1/95	Sun Sparcstation 10 Solaris 2.3	
Siemens Nixdorf Informations-systsme AG	COBOL-IN Version 3.1; NIST/NCC-94/985; High 8/23/95	WX200; SINIX Version 5.41	
	COBOL-MI Version 3.1; NIST/NCC-94/986; High 8/23/95	RM600; SINIX Version 5.41	
	COBOL85 Version 2.1B NIST/NCC-94/987; High 8/23/95	7.500; BS2000/OSD Version 1.0	
Silicon Graphics, Inc.	Micro Focus COBOL V3.1 for UNIX (SGI Indigo and Challenge); NIST-94/1940; High; 8/1/95	SGI IRIX INDY IRIX Version 5.1.1.2	
Tandem Computers, Inc.	COBOL85 Version D20.02; NIST-94/1761; High; 6/1/95	NonStop Cyclone; Guardian Version D20	VLX; CLX 700, CLX 800; HIMALAYA K110, K120, K1000, K10000; Guardian Version D20
UNISYS	UCS COBOL (UCOB) Version 6R3 Release SB5R3; NIST-95/1041; High; 1/1/96	Unisys 2200 Model 900; 2200 OS EXEC Version 44R3 Release SB5R3	Unisys 2200 Model 500; 2200 OS EXEC Version 44R3 Release SB5R3

2.7.2 FORTRAN PROCESSORS

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
Concurrent Computer Corporation	Fortran VII O Version R06 Release 01; NIST-94/1721; Full; 9/1/95	3280MPS; OS/32 Version R09 Release 02	32xx, Model 3200, Micro 3200, 3280E; OS/32 Version R09 Release 02
	Fortran VII Z Version R06 Release 01; NIST-94/1722; Full; 9/1/95	3280MPS; OS/32 Version R09 Release 02	32xx, Model 3200, Micro 3200, 3280E; OS/32 Version R09 Release 02
	SP-2450 (Fortran 77) Version 2.1; NIST-94/1723; Full; 9/1/95	7000 Model 7200; RTU Version 6.1	Model 71xx, 72xx, 74xx, 75xx; RTU Version 6.1
	SP-2450 (Fortran 77) Version 2.3; NIST-94/1724; Full; 9/1/95	MAXION Multiprocessor System Model 9502; RTU Version 6.2	MAXION Multiprocessor System Model 9100, 9200 RTU Version 6.2
Convex Computer Corporation	Convex Fortran Version 9.0; NIST-94/1501; Full; 6/1/95	Convex C Series Model C4620; ConvexOS Version 11.0	Convex C46XX, C38XX, C34XX, C32XX; ConvexOS Version 11.0
	Convex Fortran Version 9.0; NIST-94/1502; Full; 6/1/95	Convex Exemplar Series Model SPP1000/XA; SPP-UX Version 9.03	Convex SPP1000/XA, SPP1000/CD SPP-UX, Version 9.03
Digital Equipment Corporation	DEC Fortran for OpenVMS VAX, Version 6.2; NIST-95/1003; Full; 12/1/95	VAXstation 4000/60; OpenVMS VAX Version 6.1	
	DEC Fortran for OpenVMS AXP, Version 6.2; NIST-95/1004; Full; 12/1/95	DEC 3000 model 400; OpenVMS VAX Version 6.1	DEC 2000 300, 500; 3000 300, 300L, 300LX, 400, 400S, 500, 500S, 500X, 600S, 800, 800S; 4000 600 AXP, 700 AXP; 2100 A500MP, A600MP; 7000 600 AXP; 10000 600 AXP; OpenVMS AXP Version 6.1

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NOTE: Though some of the Suppliers may name the compilers Fortran 90, no testing has been done and no certificates have been issued Fortran 90. All testing and the certificates are for FIPS 69-1, Fortran (77) only.

FORTRAN PROCESSORS, *Continued*

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
	DEC Fortran 90 for OpenVMS AXP, Version 2.0; NIST-95/1001; Full; 12/1/95	DEC 3000/400 AXP; OpenVMS AXP Version 6.1	
	DEC Fortran for RISC/ULTRIX Version 3.2; NIST-95/1002; Full; 12/1/95	DECstation 5000/240; RISC/ULTRIX Version 4.4	DECstation 2100, 3100, 3100s; Personal DECstation 5000 20/25/50, MX/HX/TX/PXG+/PXG Turbo+; DECstation 5000 120/125/133/200, CX/PX/PXG/PXGTurbo, 120/125/133/200/240/260, MX/HX/TX/PXG+/PXGTurbo+; DECsystem 3100; 5000 25/200/240; 5100; 5400; 5500; 5810; 5820; 5830; 5840; 5900; RISC/ULTRIX Version 4.4
	DEC Fortran for DEC/OSF/1 AXP Version 3.4; NIST-94/1404; Full; 4/1/95	DEC 4000 Model 610; DEC OSF/1 AXP Version 2.0	DEC/10000; 7000; 4000; 3000; 2000 DEC OSF/1 Alpha Version 2.0
	DEC Fortran 90 for DEC OSF/1 AXP Version 1.0; NIST-94/2002; Full; 9/1/95	DEC 4000 Model 600 AXP; DEC OSF/1 AXP Version 2.0	DEC 2000 AXP, DEC 2100 AXP, DEC 3000 AXP, DEC 4000 AXP, DEC 7000 AXP, DEC 10000 AXP; DEC OSF/1 AXP Version 2.0
	DEC Fortran for Windows NT AXP Version 1.0; NIST-94/2003; Full; 9/1/95	DECpc AXP/150; Windows NT AXP Version 3.5	DECpc 2000 Model 300, DECpc 2000 Model 500, DECpc AXP 150, DECpc AXP Universal Platform, DEC 2100 Servers Models A500MP and A600MP; Windows NT AXP Version 3.5
Hewlett-Packard Company	HP 9000 S700 Fortran 77 Version A.10.00 Rel 10.0; NIST-95/1121; Full; 1/1/96	HP9000 Model 720; HP-UX Version 10.0	HP9000, mod 705, 710, 712, 715, 720, 725, 730, 735, 742i, 743i, 745i, 747i, 748i, 750, 755; HP-UX Version 10.0
	HP 9000 S800 Fortran 77 Version A.10.00 Rel 10.0; NIST-95/1123; Full; 1/1/96	HP9000 Model 835; HP-UX Version 10.0	HP9000, mod 807S, 817S, 822S, 825S, 825CHX, 825SRX, 827S, 832S, 835S, 835SE, 837S, 840S, 842S, 845S, 845SE, 847S, 850S, 852S, 855S, 857S, 860S, 865S, 867S, 870S, 877S, 890, 897S, E25, E35, E45, F10, F20, F30, G30, G40, G50, H20, H30, H40, H50, I30, I40, I50, T500; HP-UX Version 10.0
	HP 3000 S900 Fortran 77iX Version A.05.00 Rel 5.0; NIST-95/1122; Full; 1/1/96	HP3000 Model 947; MPE/iX Version C.50.00	HP3000, mod 9xx MPE/iX Version C.50.00
IBM Corporation	VS Fortran Version 2 Release 6; NIST-94/1922; Full; 6/1/95	IBM S/390 ES9000 9021 Model 720 MVS/ESA SP Version 4 Release 3	S/390, ES/9000, S/370, 30XX, 43XX, 93XX MVS/SP Version 1, Release 3 MVS/SP Version 2, Release 2 MVS/SP Version 3, Release 1

FORTRAN PROCESSORS, *Continued*

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
Intergraph Corporation	Clipper Advanced Optimizing Fortran, Version 1.57; NIST-95/1161; Full; 1/1/96	Clipper Model C400- 2430; CLIX, Version 7.5	Clipper C300 and C400; CLIX, Version 7.5
	Clipper Advanced Optimizing Fortran, Version 2.01; NIST-95/1162; Full; 1/1/96	Clipper Model C400- 2430; CLIX, Version 7.5	Clipper C300 and C400; CLIX, Version 7.5
Liant Software Corporation	Fortran/400 Version 2 Release 2; NIST-94/1242; Full; 8/1/95	IBM AS/400 Model B4500; IBM OS/400 Version 2 Release 2	
	Fortran/400 Version 2 Release 3; NIST-94/1243; Full; 8/1/95	IBM AS/400 Model B4500; IBM OS/400 Version 2 Release 3	
Microsoft Corporation	Fortran PowerStation Version 1.0, Release a; NIST-94/1421; Full; 6/1/95	Dell PC 486D/5O CPU Microsoft Windows for Workgroups Version 3.1.1 under MS DOS Version 6.20	
Modular Computer Systems, Inc.	GLS Fortran 77 Version B.0; NIST-95/1701; Full; 2/1/96	Classic Model 9250; MAX 32 Version E.0	Classic 9230, 9260; MAX 32 Version E.0
	GLS Fortran 77 Version C.0; NIST-94/1561; Full; 4/1/95	REAL/STAR 9088R-4; REAL/IX Version E.0	REAL/STAR Models 9088 R-2, 9088 R-1, 9087, 9097-R1, 9097-R2; REAL/IX Version E.0
	Fortran 77/16 Version B.5; NIST-94/1562; Full; 4/1/95	CLASSIC 9250; MAX IV Version L.0	CLASSIC 9230; MAX IV Version L.0
	Fortran 77/32 Version B.5; NIST-94/1563; Full; 4/1/95	CLASSIC 9250; MAX 32 Version D.3	CLASSIC 9230; MAX 32 Version D.3
	GLS Fortran 77 Version B.0; NIST-95/1071; Full; 2/1/96	CLASSIC 9250; MAX 32 Version E.0	CLASSIC 9230, 9260; MAX 32 Version E.0
Salford Software Ltd.	FTN77/486 Version 2.73; NIST/NCC-94/983; Full; 6/30/95	Western Systems 486 DX2 (WS486 DX2-66); MS-DOS Version 6.2	

FORTRAN PROCESSORS, *Continued*

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
	FTN77 Version 1.0; NIST/NCC-94/984; Full; 6/30/95	Western Systems 486 DX2 (WS486 DX2-66); MS-Windows/NT Version 3.1	
Sequent Computer Systems, Inc.	EPC Fortran for Sequent Symmetry Version 2.1; NIST-95/1241; Full; 2/1/96	SE20; DYNIX/ptx Version 4.0	S2000/290, /490, /790 SE60, SE90, ELS, SE30, SE70, SE100; DYNIX/ptx Version 4.0
Silicon Graphics Computer Systems Inc.	Fortran 77 Version SC4-FTN-3.19; NIST-94/1441; Full; 10/1/95	40/CRIM Model IP17; IRIX Version 5.3	
	MIPS PRO Fortran 77 Version SC4-FTN-6.0; NIST-94/1442; Full; 10/1/95	Challenge Model IP21; IRIX Version 6.0	
Sunsoft, a Sun Microsystems, Inc. Business	SPARCompiler Fortran Version 3.0.1; NIST-94/1741; Full; 9/1/95	SPARCstation 5; SunOS Version 4.1.3 SPARCstation 20 Solaris Version 2.4	Voyager, SPARCstation 10, SPARCserver 1000, SPARCcenter 2000; Solaris Version 2.4 SPARCstation 10, SPARCserver 1000, SPARCcenter 2000; SunOS Version 4.1.3
	SPARCompiler Fortran MP (SPARCworks iMPact 2.0) NIST-94/1742; Full; 9/1/95	SPARCstation 20; Solaris Version 2.4	SPARCstation 10, SPARCserver 1000, SPARCcenter 2000; Solaris Version 2.4
	ProCompiler Fortran Version 2.0.1; NIST-94/1743; Full; 9/1/95	Gateway 2000 486/33E; UnixWare Version 1.1	
Tandem Computers, Inc.	Fortran Version D20; NIST-94/1762; Full; 6/1/95	NonStop Cyclone; Guardian Version D20	VLX; CLX 700; CLX 800; HIMALAYA K110, K120, K1000, K10000 Guardian Version D20
UNISYS	UCS Fortran (UFTN) Version 5R3 Release SB5R3; NIST-95/1042; Full; 1/1/96	Unisys 2200 Model 900; 2200 OS EXEC Version 44R3 Release SB5R3	Unisys 2200 Model 500; 2200 OS EXEC Version 44R3 Release SB5R3

2.7.3 Ada PROCESSORS

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (NIST) NOTICE:

In approximately six (6) months, the National Institute of Standards and Technology (NIST) is considering the deletion of those Ada validation registrations including both Witness Tested Registrations and vendor asserted registrations which do not satisfy the NIST validation registration requirements as specified in FIPS PUB 119-1.

The list of Ada compilers that have been validated by the Ada Joint Program Office (AJPO) is presented here. An electronic copy of the Ada part of the VPL is available on the AdaIC Bulletin Board as file VALPROC.HLP. Access to the menu-driven bulletin board requires a computer terminal or personal computer and modem. Users should set their telecommunications package with the following parameters: Baud rate = 300 - 9600 baud; Data Bits = 8; Parity = none; Stop Bits = 1. Then dial 703/614-0215 (Commercial) or 224-0215 (Autovon). First-time users will be prompted to register for an account.

Most files have been compressed using PKZIP and must be uncompressed after downloading. PKZIP is available on the bulletin board and can be obtained by downloading the file PKZ101.EXE. Macintosh Plus users can download the file UNZIP101.SIT.

Copies may also be obtained by purchase from the Defense Technical Information Center (DTIC) and the National Technical Information Service (NTIS) with accession number AD A257 705. NTIS sells documents to the public. DTIC distributes documents only to Military, government, or defense contractors who are registered with them.

National Technical Information Service (NTIS)
U.S. Department of Commerce
5285 Port Royal Road
Springfield, VA 22161
703/487-4650

Defense Technical Information Center (DTIC)
Cameron Station
Alexandria, VA 22314
703/274-7633
AV 284-7633

The NIST Ada Validation Summary Reports are available electronically in ASCII format and may be accessed on the Internet using the following instructions:

Type: **ftp speckle.ncsl.nist.gov** (Internet address is **129.6.59.2**)
Login as user: **ftp**
Type your email address preceded by a dash (-) as the password
Type: **cd ada-testing/VSRs**
Type: **ascii**
Type: **get** and the name of the file you want

Always obtain the latest README.TXT file.

Compiler Vendor: AETECH, Inc.
Address: 5841 Edison Place, Suite 110
City: Carlsbad
State: CA
Zip Code: 92008
Contact Name: Jim Dorman
Phone: (619) 793-7663
E-mail: spencer@aetech.cts.com

* Compiler Vendor: AETECH, Inc.
Compiler Type: Base
Validation Certificate #: 901120W1.11087
Compiler Name: IntegrAda 386 5.1.0
Host: Northgate 386/25 (under Phar Lap/DOS 3.3)
Target: Northgate 386/25 (under MS DOS 3.3)

* Compiler Vendor: AETECH, Inc.
Compiler Type: Derived
Validation Certificate #: 901120W1.11087 (BASE)
Compiler Name: IntegrAda 386 5.1.0
Host: Any Computer System Comprising: cpu: Intel 80386, fpu: optional, memory: 4 MByte RAM, disk: 40 MByte hard drive (under Phar Lap/DOS 3.3)
Target: Any Computer System Comprising: cpu: Intel 80386, fpu: optional, memory: 4 MByte RAM, disk: 40 MByte hard drive (under MS-DOS 3.3)

* Compiler Vendor: AETECH, Inc.
Compiler Type: Derived
Validation Certificate #: 901120W1.11087 (BASE)
Compiler Name: IntegrAda 386, Version 6.2
Host: Any Computer System Comprising: cpu: Intel 80386 & 80486; fpu: optional; memory: 4 MByte RAM; disk: 40 MByte hard drive (under MS DOS 3.3, 5.0, & 6.0)
Target: Same as Host

* Compiler Vendor: AETECH, Inc.
Compiler Type: Derived
Validation Certificate #: 901120W1.11087 (BASE)
Compiler Name: IntegrAda DOS, Version 6.1
Host: Any Computer System Comprising: cpu: Intel 80x86 series; fpu: optional; memory: 640 KByte RAM; disk: 40 MByte hard drive (under MS DOS 3.3, 5.0, & 6.0)
Target: Same as Host

* Compiler Vendor: AETECH, Inc.
Compiler Type: Derived
Validation Certificate #: 901120W1.11087 (BASE)
Compiler Name: IntegrAda for Windows, Version 1.2
Host: Any Computer System Comprising: cpu: Intel 80386 & 80486; fpu: optional; memory: 4 MByte RAM; disk: 40 MByte hard drive (under MS DOS 3.3, 5.0, & 6.0, with Windows 3.1)
Target: Same as Host

* Compiler Vendor: AETECH, Inc.
Compiler Type: Base
Validation Certificate #: 901129W1.11086
Compiler Name: IntegrAda POSIX 5.1.0
Host: Unisys PW/2 386 (under SCO Unix 3.2)
Target: Same as Host

* Compiler Vendor: AETECH, Inc.
Compiler Type: Derived
Validation Certificate #: 901129W1.11086 (BASE)
Compiler Name: AETECH POSIX Compiler, Version 5.1.0
Host: Any Computer System Comprising: cpu: Intel 80386 & 80486, fpu: optional, memory: 4 MByte RAM, disk: 60 MByte hard drive (under Interactive Unix System V, Release 3.2)
Target: Same as Host

* Compiler Vendor: AETECH, Inc.
Compiler Type: Derived
Validation Certificate #: 901129W1.11086 (BASE)
Compiler Name: AETECH POSIX Compiler, Version 5.1.0
Host: Any Computer System Comprising: cpu: Intel 80386 & 80486; fpu: optional; memory: 4 MByte RAM; disk: 60 MByte hard drive (under ESIX System V, Rel 4.0)
Target: Same as Host

* Compiler Vendor: AETECH, Inc.
Compiler Type: Derived
Validation Certificate #: 901129W1.11086 (BASE)
Compiler Name: IntegrAda POSIX 5.1.0
Host: Any Computer System Comprising: cpu: Intel 80386, fpu: optional, memory: 4 MByte RAM, disk: 60 MByte hard drive (under SCO Unix 3.2)
Target: Same as Host

* Compiler Vendor: AETECH, Inc.
Compiler Type: Derived
Validation Certificate #: 901129W1.11086 (BASE)
Compiler Name: XAda, Version 6.1
Host: Any computer system comprising: cpu: Intel 80386 or 80486; fpu: Optional; memory: 8 MByte RAM; disk: 160 MByte hard drive (under SCO Unix 3.2, Solaris X86, ESIX System V, Release 4.0, & Interactive Unix System V, Release 3.2)
Target: Same as Host

* Compiler Vendor: AETECH, Inc.
Compiler Type: Derived
Validation Certificate #: 901129W1.11086 (BASE)
Compiler Name: XAda, Version 6.1
Host: Any computer system comprising: cpu: Intel 80386 or 80486; fpu: optional; memory: 8 MByte RAM; disk: 160 MByte hard drive (under Univel UnixWare Version 1.0.3a)
Target: Same as Host

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Compiler Vendor: Aitech Defense Systems, Inc.
Address: 3080 Olcott St., Suite 105A
City: Santa Clara
State: CA
Zip Code: 95054
Contact Name: Uri Gries
Phone: (408) 980-6200
E-mail: (No address given)

* Compiler Vendor: Aitech Defense Systems, Inc.
Compiler Type: Base
Validation Certificate #: 900930W1.11030
Compiler Name: AI-ADA/88K, Version 2.4
Host: VAXstation 3100 Cluster (under VMS 5.3)
Target: Tadpole TP880V (88100-based VME board) (bare machine)

* Compiler Vendor: Aitech Defense Systems, Inc.
Compiler Type: Derived
Validation Certificate #: 900930W1.11030 (BASE)
Compiler Name: AI-ADA/88K, Version 2.4
Host: All DEC MicroVAX, VAXstation, VAXserver, VAX-11, VAX 8xxx & VAX 6xxx series (under VMS versions 5.0, 5.1, 5.2 & 5.3, as supported)
Target: Tadpole TP880V (88100-based VME board) & Motorola MVME181 (88100-based VME board) (bare machines)

* Compiler Vendor: Aitech Defense Systems, Inc.
Compiler Type: Base
Validation Certificate #: 911012W1.11224
Compiler Name: AI-ADA/96K, Version 3.0
Host: VAXstation 3100 Cluster (under VMS 5.3)
Target: DSP96002 ADS board (bare machine)

* Compiler Vendor: Aitech Defense Systems, Inc.
Compiler Type: Base
Validation Certificate #: 911012W1.11225
Compiler Name: AI-ADA/96K, Version 3.0
Host: Sun-4/330 (under SunOS 4.1.1)
Target: DSP96002 ADS board (bare machine)

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Compiler Vendor: Alenia Aeritalia & Selenia S.p.A
Address: Via Tiburtina km. 12,4
City: 00131 Roma
State:
Zip Code: ITALY
Contact Name: Nicola Botta
Phone: +39 6 41972520
E-mail: (No address given)

* Compiler Vendor: Alenia Aeritalia & Selenia S.p.A
Compiler Type: Base
Validation Certificate #: 920509S1.11259
Compiler Name: DACS VAX/VMS to 80x86 PM MARA Ada Cross Compiler, Version 4.6
Host: MicroVAX 4000/200 (under VMS Version 5.4)
Target: Alenia MARA (80286-based) (under Alenia Operating System, Version 8.6 System)

* Compiler Vendor: Alenia Aeritalia & Selenia S.p.A
Compiler Type: Derived
Validation Certificate #: 920509S1.11259 (BASE)
Compiler Name: DACS 80x86PM, Version 4.6
Host: DEC VAX-11 VAXserver VAXstation, MicroVAX, VAX 4000, VAX 6000, VAX 8000, & VAX 9000 Series of computers (under VMS 5.4)
Target: Alenia MARA 80386- & 80486-based computers (under Alenia Operating System 8.6)

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Compiler Vendor: Alliant Computer Systems Corporation
Address: (now GS Computer)
(see GS Computer for POC information)
City:
State:
Zip Code:
Contact Name:
Phone:
E-mail:

* Compiler Vendor: Alliant Computer Systems Corporation
Compiler Type: Base
Validation Certificate #: 901218W1.11105
Compiler Name: Alliant FX/Ada-2800 Compiler, Version 1.0
Host: Alliant FX/2800 (under Concentrix Release 2.0)
Target: Same as Host

* Compiler Vendor: Alliant Computer Systems Corporation
Compiler Type: Base
Validation Certificate #: 901218W1.11106
Compiler Name: Alliant FX/Ada Compiler, Version 2.3
Host: Alliant FX/80 (under Concentrix Release 5.7)
Target: Same as Host

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Compiler Vendor: Alsys
Address: (now Thomson Software Products)
(see Thomson Software for POC information)
City:
State:
Zip Code:
Contact Name:
Phone:

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 900509I1.11009
Compiler Name: AlsyCOMP_053, Version 1.82
Host: VAX 8530 (under VMS, Version 5.1)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 900627N1.11013
Compiler Name: AlsyCOMP_042, Version 5.3
Host: IBM 9370 Model 90 (under AIX/370 Version 1.2)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 900814I1.11040
Compiler Name: AlsyCOMP_026, Version 1.82
Host: Sun-3/60 (under SunOS, Version 4.0.3)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 900814I1.11041
Compiler Name: AlsyCOMP_025, Version 1.83
Host: MIPS M/120-5 (under RISC/os, Version 4.0)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 901022A1.11043
Compiler Name: AlsyCOMP_046, Version 5.3
Host: Sony NEWS NWS-1850 (under NEWS-OS 3.3)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901022A1.11043 (BASE)
Compiler Name: AlsyCOMP_046, Version 5.3
Host: Sony NEWS series 1250, 15xx, 17xx, 18xx & 19xx (under NEWS-OS versions 3.3 & 3.4)
Target: Any Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 901022A1.11044
Compiler Name: AlsyCOMP_004, Version 5.3
Host: Apollo DN4000 (under Domain/OS SR10.2)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901022A1.11044 (BASE)
Compiler Name: AlsyCOMP_004, Version 5.3
Host: Apollo DN3000, DN3500, DN4000 & DN4500 (under Domain/OS SR10.2 & SR10.3)
Target: Any Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901022A1.11044 (BASE)
Compiler Name: AlsyCOMP_004, Version 5.5.1
Host: HP Apollo 9000 Series 400 (under Domain/OS SR10.4)
Target: Any Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 901022A1.11045
Compiler Name: AlsyCOMP_050, Version 5.3
Host: Bull DPX/2 320 (under B.O.S. 02.00.05)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901022A1.11045 (BASE)
Compiler Name: AlsyCOMP_050, Version 5.3
Host: Bull DPX 2/210, /220, /320, /340 & /360 (under BOS 02.00.05 & 2.00.10)
Target: Any Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 901022A1.11046
Compiler Name: AlsyCOMP_002, Version 5.3
Host: HP 9000s350 (under HP-UX 6.5)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901022A1.11046 (BASE)
Compiler Name: AlsyCOMP_002, Version 5.3
Host: HP 9000 Series 300, all mod (under HP-UX 6.5 & 7.0)
Target: Any Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901022A1.11046 (BASE)
Compiler Name: AlsyCOMP_002, Version 5.5.1
Host: HP 9000 Series 300 & 400 (all models) (under HP-UX 8.0)
Target: Any Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 901022A1.11047
Compiler Name: AlsyCOMP_005, Version 5.3
Host: Sun-3/260 (under SunOS 3.2)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901022A1.11047 (BASE)
Compiler Name: AlsyCOMP_005, Version 5.3
Host: Sun 3/50, /60, /75, /80, /160, /260, /280, /470 & /480 (under SunOS 3.2, 3.5, 4.0 & 4.1)
Target: Any Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901022A1.11047 (BASE)
Compiler Name: AlsyCOMP_005, Version 5.5.1
Host: Sun Microsystems Sun-3 computer family (under SunOS 4.1.1)
Target: Any Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 901022A1.11048
Compiler Name: AlsyCOMP_035, Version 5.3
Host: CETIA Unigraph 6000 (under Unigraph/X 3.1)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901022A1.11048 (BASE)
Compiler Name: AlsyCOMP_035, Version 5.3
Host: Unigraph 1000/325, 2000/50, 2000/250, 2000/325, 3000/325-333, 6000/325-333, 7000/325, 8000/325 & 9000 (under Unigraph/X 3.1 & 3.1.1)
Target: Any Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901022A1.11048 (BASE)
Compiler Name: AlsyCOMP_035, Version 5.5.1
Host: CETIA Unigraph models 1000/325; 2000/50, /250, /325; 3000/325-333; 6000/325-333; 7000/325/ 8000/325; & 9000 (under Unigraph/X 3.2c.1)
Target: Any Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 901102W1.11055
Compiler Name: AlsyCOMP_016, Version 5.1
Host: Compaq Deskpro 386 (under MS-DOS 3.30, Phar Lap 2.0)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901102W1.11055 (BASE)
Compiler Name: AlsyCOMP_016, Version 5.1.1
Host: Any Computer System that executes the Intel 80386 or 80486 instruction set (under MS/DOS 5.0 & Phar Lap 4.0)
Target: Any Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901102W1.11055 (BASE)
Compiler Name: AlsyCOMP_085, Version 5.1.3
Host: Any computer that executes the Intel 80386, 80486, or Pentium instruction set (under MS-DOS 6.2 and PharLap TNT 6.1, with MS-Windows 3.1)
Target: Any Host machine (under MS-DOS 3.3 or higher and PharLap TNT 6.1)

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 901102W1.11056
Compiler Name: AlsyCOMP_016, Version 5.1
Host: CompuAdd 320 (under MS-DOS 3.30, Phar Lap 2.0)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901102W1.11056 (BASE)
Compiler Name: AlsyCOMP_016, Version 5.1
Host: HP Vectra RS/20, RS/20C, RS/25 & RS/25C; AST Premium 386; and Unisys 386 & Desktop III (under MS-DOS 3.30, Phar Lap 2.0)
Target: Any Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901102W1.11056 (BASE)
Compiler Name: AlsyCOMP_016, Version 5.1
Host: Any Computer System Comprising: cpu: Intel 80386; fpu: optional; memory: 5 MByte RAM; disk: 10 MByte (under MS-DOS 3.30, Phar Lap 2.0)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 901102W1.11057
Compiler Name: AlsyCOMP_016, Version 5.1
Host: ALR Power Veisa 486 (under MS-DOS 3.30, Phar Lap 2.0)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 901102W1.11058
Compiler Name: AlsyCOMP_003, Version 5.1
Host: HP Vectra RS/25C (under MS-DOS 3.30)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901102W1.11058 (BASE)
Compiler Name: AlsyCOMP_003, Version 5.1
Host: Any Computer System that executes the Intel 80286, 80386, or 80486 instruction set (under MS/DOS 5.0)
Target: Any Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901102W1.11058 (BASE)
Compiler Name: AlsyCOMP_003, Version 5.1
Host: Unisys Desktop III (under MS-DOS 3.30)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 901102W1.11059
Compiler Name: AlsyCOMP_003, Version 5.1
Host: Zenith Z-248 Model 50 (under MS-DOS 3.30)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901102W1.11059 (BASE)
Compiler Name: AlsyCOMP_003, Version 5.1
Host: HP Vectra ES/12; and IBM PC/AT (all models) (under MS-DOS 3.30)
Target: Any Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901102W1.11059 (BASE)
Compiler Name: AlsyCOMP_003, Version 5.1
Host: ICS SB286SC/12 (under MS-DOS 3.30)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 901114N1.11065
Compiler Name: AlsyCOMP_037, Version 5.2
Host: INMOS T800 transputer on a B405 TRAM (bare) with an INMOS B008 Communications link implemented in an IBM PC/AT (under MS-DOS 3.1 and INMOS Iserver V1.3)
Target: INMOS T800 transputer on a B405 TRAM (bare) using an IBM PC/AT under MS-DOS 3.1 running INMOS Iserver 1.3 for file-server support via an INMOS B008 board link

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901114N1.11065 (BASE)
Compiler Name: AlsyCOMP_037, Version 5.3
Host: INMOS T800 transputer on a B403 TRAM (bare) with an INMOS B008 Communications link implemented in an IBM PC/AT (under MS-DOS 3.1 and INMOS Iserver V1.3)
Target: INMOS T800 transputer on a B405 TRAM (bare) using an IBM PC/AT under MS-DOS 3.1 running INMOS Iserver 1.3 for file-server support via an INMOS B008 board link; INMOS T425 transputer on a B403 TRAM (bare) using an IBM PC/AT under MS-DOS 3.1 running INMOS Iserver 1.3 for file-server support via an INMOS B008 board link

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901114N1.11065 (BASE)
Compiler Name: AlsyCOMP_037, Version 5.4.2
Host: INMOS T800 transputer on a B405 TRAM board (bare), with an INMOS B008 Communications link implemented in an IBM PC/AT (under MS-DOS 3.1 and INMOS Iserver V1.42h)
Target: INMOS T800 transputer on a B405 TRAM (bare) using an IBM PC/AT under MS-DOS 3.1 running INMOS Iserver V1.42h for file-server support via an INMOS B008 board link; INMOS T425 transputer on a B403 TRAM (bare) using an IBM PC/AT under MS-DOS 3.1 running INMOS Iserver V1.42h for file-server support via an INMOS B008 board link

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 901116A1.11066
Compiler Name: AlsyCOMP_012, Version 5.3
Host: HP 9000s350 (under HP-UX 6.5)
Target: Motorola MVME101 (68000) (bare machine, using ARTK Version 5.3)

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901116A1.11066 (BASE)
Compiler Name: AlsyCOMP_012, Version 5.3
Host: HP 9000 Series 300 (all models) (under HP-UX 6.5 & 7.0)
Target: Motorola M68332EVS Evaluation System Customers (CPU32) (bare machine, using ARTK 5.3)

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901116A1.11066 (BASE)
Compiler Name: AlsyCOMP_012, Version 5.3
Host: HP 9000 Series 300, Models 340, 345, 360, 370 & 375 (under HP-UX 6.5 & 7.0)
Target: Motorola MVME101 (68000), MVME121 (68010), MVME135-1 (68020/68881) & MVME147-1 (68030/68882) (bare machines, using ARTK 5.3)

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901116A1.11066 (BASE)
Compiler Name: AlsyCOMP_012, Version 5.5.1
Host: HP 9000 Series 400 (all models) (under HP-UX 8.0)
Target: Motorola MVME 131, MVME133, MVME133XT, MVME135, & MVME147 (68020 & 68030 cpu.s) (bare machines, using VRTX32); Motorola MVME101, MVME121, MVME131, MVME133, MVME133XT, MVME135, MVME147, & MVME167 (68000, 68010, 68020, 68030, & 68040 cpu.s) (bare machines, using ARTK 5.5.1)

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901116A1.11066 (BASE)
Compiler Name: AlsyCOMP_048, Version 5.5.1
Host: Sun SPARCstation & SPARCserver computer families; SPARCcenter 2000 (under SunOS 4.1.2); Solbourne Series 5/100, /530, /600, /670, /800, 5E/900; & S4000 (under OS/MP 4.1A.1)
Target: Motorola MVME101, MVME121, MVME131, MVME133, MVME133XT, MVME135, M68332EVS, MVME147, & MVME167 (68000, 68010, 68020, 68030, & 68040 cpu.s) (bare machines, using ARTK 5.5.1)

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901116A1.11066 (BASE)
Compiler Name: AlsyCOMP_048, Version 5.5.2
Host: Sun Microsystems Sun-4, SPARCstation, & SPARCserver series of computers; and SPARCcenter 2000 (under SunOS 4.1.2)
Target: Motorola MVME101, MVME121, MVME131, MVME133, MVME133XT, MVME135, MVME147, MVME167, & MEN A4 (68332) (bare machines, using ARTK 5.5.2)

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901116A1.11066 (BASE)
Compiler Name: AlsyCOMP_063, Version 5.5.1
Host: HP 9000 Series 700 (all models) (under HP-UX 9.0)
Target: Motorola MVME101, MVME121, MVME131, MVME133, MVME133XT, MVME135, M68332EVS, MVME147, & MVME167 (68000-, 68010-, 68020-, 68030-, & 68040-based single-board computers) (bare machines, using ARTK 5.5.1)

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901116A1.11066 (BASE)
Compiler Name: AlsyCOMP_063, Version 5.5.2
Host: Hewlett-Packard HP9000 Series 700 (under HP-UX 9.0)
Target: Motorola MVME101, MVME121, MVME131, MVME133, MVME133XT, MVME135, MVME147, MVME167, & MEN A4 (68332) (bare machines, using ARTK 5.5.2)

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901116A1.11066 (BASE)
Compiler Name: AlsyCOMP_079, Version 5.5.2
Host: IBM RS/6000 models M20, 220/22S/22W, 230/23S/23W, 34H, 355, 360, 365, 370, 375/37T, 55L, 570, 580, 58H, 590, 97B, 98B, & 990; CETIA models SBW 225, 2225, 2230, 334H, 3355, 3360, 3365, 3370, 3375, 5580, 558H, 5590, & 9990 (under AIX Ver 3.2)
Target: Motorola MVME101, MVME121, MVME131, MVME133, MVME133XT, MVME135, MVME147, MVME167, & MEN A4 (68332) (bare machines, using ARTK 5.5.2)

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901116A1.11066 (BASE)
Compiler Name: AlsyCOMP_080, Version 5.5.2
Host: Sun Microsystems Sun-4, SPARCstation, & SPARCserver series of computers; SPARCcenter 2000 (under Solaris 2.3)
Target: Motorola MVME101, MVME121, MVME131, MVME133, MVME 133XT, MVME135, MVME147, MVME167, & MEN A4 (68332) (bare machines, using ARTK 5.5.2)

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 901116A1.11067
Compiler Name: AlsyCOMP_036, Version 5.3
Host: Apollo DN4000 (under Domain/OS SR10.2)
Target: Motorola MVME147-1 (68030/68882) (bare machine, using ARTK Version 5.3)

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901116A1.11067 (BASE)
Compiler Name: AlsyCOMP_036, Version 5.3
Host: Apollo DN 3000, 3500, 4000 & 4500 (under Domain/OS SR10.2 & SR10.3)
Target: Motorola MVME101 (68000), MVME121 (68010), MVME135-1 (68020/68881) & MVME147-1 (68030/68882) (bare machines, using ARTK 5.3)

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901116A1.11067 (BASE)
Compiler Name: AlsyCOMP_036, Version 5.5.1
Host: HP 9000 Series 400 (all models) (under DomainOS SR 10.4)
Target: Motorola MVME101, MVME121, MVME131, MVME133 MVME133XT, MVME135, M68332EVS, MVME147, & MVME167 (68000, 68010, 68020, 68030, & 68040 cpu.s) (bare machines, using ARTK 5.5.1)

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 901116A1.11068
Compiler Name: AlsyCOMP_015, Version 5.3
Host: Sun 3/260 (under SunOS 3.2)
Target: Motorola MVME121 (68010) (bare machine, using ARTK Version 5.3)

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901116A1.11068 (BASE)
Compiler Name: AlsyCOMP_015, Version 5.3
Host: Sun 3/50, /60, /75, /80, /160, /260, /280, /470 & /480 (under SunOS 3.2, 3.5, 4.0 & 4.1)
Target: Motorola MVME101 (68000), MVME121 (68010), MVME135-1 (68020/68881) & MVME147-1 (68030/68882) (bare machines, using ARTK 5.3)

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901116A1.11068 (BASE)
Compiler Name: AlsyCOMP_015, Version 5.5.1
Host: Sun Microsystems Sun-3 computer family (under SunOS 4.1.1)
Target: Motorola MVME 131, MVME133, MVME133XT, MVME135, & MVME147 (68020 & 68030 cpu.s) (bare machines, using VRTX32); Motorola MVME101, MVME121, MVME131, MVME133, MVME133XT, MVME135, M68332EVS, MVME147, & MVME167 (68000, 68010, 68020, 68030, & 68040 cpu.s) (bare machines, using ARTK 5.5.1)

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 901118N1.11064
Compiler Name: AlsyCOMP_017, Version 5.2
Host: MicroVAX II (under VMS V5.3)
Target: INMOS T425 transputer on a B403 TRAM (bare) using the Host running INMOS Iserver 1.3 for file-server support via a CAPLIN QT0 board link

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901118N1.11064 (BASE)
Compiler Name: AlsyCOMP_017, Version 5.3
Host: MicroVAX II (under VMS V5.3)
Target: INMOS T425 transputer on a B403 TRAM (bare) using the Host running INMOS Iserver 1.3 for file-server support via a CAPLIN QT0 board link; INMOS T800 transputer on a B405 TRAM (bare) using the Host running INMOS Iserver 1.3 for file-server support via a CAPLIN QT0 board link

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901118N1.11064 (BASE)
Compiler Name: Alsycomp_017, Version 5.4.3
Host: MicroVAX II (under VMS V5.3)
Target: INMOS T425 transputer on a B403 TRAM (bare) using the Host running INMOS Iserver V1.42i for file-server support via a CAPLIN QT0 board link; INMOS T800 transputer on a B405 TRAM (bare) using the Host running INMOS Iserver V1.42i for file-server support via a CAPLIN QT0 board link

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901118N1.11064 (BASE)
Compiler Name: VAX/VMS to INMOS T800 Ada BSMART cross compiler, Version 5.4.8
Host: VAXstation 4000 Model 60 (under VMS 5.5-2)
Target: INMOS T800 transputer implemented on a B417 TRAM (bare), using the Host running INMOS Iserver 1.5 for file-server support via an INMOS B300 TCPlink

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 901120A1.11070
Compiler Name: AlsyCOMP_018, Version 5.2
Host: MicroVAX 3100 (under VMS 5.3)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 901120A1.11070 (BASE)
Compiler Name: AlsyCOMP_018, Version 5.2
Host: DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 4000, VAX 6000, VAX 8000 & VAX 9000 Series of computers (as supported) (under VMS 5.2 & 5.4)
Target: Any Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 901125N1.11071
Compiler Name: AlsyCOMP_006, Version 5.3
Host: IBM 9370 Model 90 (under VM/IS CMS release 5.1)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 901125N1.11072
Compiler Name: AlsyCOMP_023, Version 5.3
Host: IBM 370 3084Q (under MVS/XA release 3.2)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 901127A1.11069
Compiler Name: AlsyCOMP_011, Version 5.3
Host: VAX 6210 (under VMS 5.2)
Target: Motorola MVME135-1 (68020/68881) (bare machine, using ARTK Version 5.3)

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	901127A1.11069 (BASE)
Compiler Name:	AlsyCOMP_011, Version 5.3
Host:	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 4000, VAX 6000, VAX 6000 & VAX 9000 Series of computers (as supported) (under VMS 5.2, 5.3 & 5.4)
Target:	Motorola MVME101 (68000), MVME121 (68010), MVME135-1 (68020/68881) & MVME147-1 (68030/68882) (bare machines, using ARTK 5.3)

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	901127A1.11069 (BASE)
Compiler Name:	AlsyCOMP_011, Version 5.3.1
Host:	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 4000, VAX 6000, VAX 6000, & VAX 9000 series of computers (under VMS 5.2, 5.3, & 5.4, as supported)
Target:	Motorola MVME101 (68000), MVME121 (68010), MVME133XT & MVME135-1 (68020), & MVME147-1 (68030) (bare machines, using ARTK 5.3.1)

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	901127A1.11069 (BASE)
Compiler Name:	AlsyCOMP_011, Version 5.5.1
Host:	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 4000, VAX 6000, VAX 6000, & VAX 9000 computer series (under VMS 5.4)
Target:	Motorola MVME 131, MVME133, MVME133XT, MVME135, & MVME147 (68020 & 68030 cpu.s) (bare machines, using VRTX32); Motorola MVME101, MVME121, MVME131, MVME133, MVME133XT, MVME135, M68332EVS, MVME147, & MVME167 (68000, 68010, 68020, 68030, & 68040 cpu.s) (bare machines, using ARTK 5.5.1)

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	901127A1.11069 (BASE)
Compiler Name:	AlsyCOMP_028, Version 5.3
Host:	Compaq Deskpro 386/20 (under DOS 3.31 & 5.0)
Target:	Motorola MVME101, MVME121, MVME131, MVME133, MVME133XT, MVME135-1, M68332EVS, MVME147-1, & MVME167 (68000, 68010, 68020, & 68030 cpu.s) (bare machines, using ARTK 5.3)

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	901128W1.11090 (BASE)
Compiler Name:	TeleGen2 Ada Host Development System for SPARCsystems, Version 2a
Host:	Sun-4/690 (under SunOS release 5.3)
Target:	Same as Host

* Compiler Vendor:	Alsys
Compiler Type:	Base
Validation Certificate #:	901221W1.11103
Compiler Name:	AlsyCOMP_034, Version 5.1
Host:	Multitech 1100 (under SCO Unix 3.2)
Target:	Same as Host

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	901221W1.11103 (BASE)
Compiler Name:	AlsyCOMP_034, Version 5.1
Host:	Any Computer System that executes the Intel 80386 or 80486 instruction set (under SCO Open Desktop 1.1 & SCO Unix 3.2, SCO Open Desktop 2.0 & SCO Unix 3.2.4, Interactive Unix 3.2.2, and AT&T Unix System V Release 4.0)
Target:	Any Host

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	901221W1.11103 (BASE)
Compiler Name:	AlsyCOMP_034, Version 5.1
Host:	Any Computer System comprising: cpu: Intel 80386 or 80486; fpu: optional (under a Unix 3.2-based OS)
Target:	Each Host, self-targetted

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	901221W1.11103 (BASE)
Compiler Name:	AlsyCOMP_034, Version 5.1
Host:	Everex AGI 3000D, Compaq Deskpro 386 & SAI Technologies Army Lightweight Computer Unit (LCU V2) (under Interactive Unix 3.2)
Target:	Each Host, self-targetted

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	901221W1.11103 (BASE)
Compiler Name:	AlsyCOMP_034, Version 5.1
Host:	Prime MBX (under Prime Unix V.4)
Target:	Same as Host

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	901221W1.11103 (BASE)
Compiler Name:	AlsyCOMP_034, Version 5.1.2
Host:	SAIC LCU V2 (under SCO Open Desktop 2.0 (SCO Unix 3.2.4))
Target:	Same as Host

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	901221W1.11103 (BASE)
Compiler Name:	AlsyCOMP_034, Version 5.1.2
Host:	Zenith Data Systems Z-Station 433 DEh (under SCO Unix 3.2.4 running SecureWare CMW+ Version 2.2)
Target:	Same as Host

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	901221W1.11103 (BASE)
Compiler Name:	AlsyCOMP_034, Version 5.5
Host:	Any computer system that executes the Intel 80386 or i486 instruction set (under SCO Open Desktop 2.0 with SCO Unix version 3.2.4, Interactive Unix 3.2.2, or AT&T Unix System V Release 4.0)
Target:	Any Host (same OS as Host)

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 901221W1.11104
Compiler Name: AlsyCOMP_043, Version 5.3
Host: Apple Macintosh IIcx (under Macintosh System Software 6.0.5)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 910129W1.11113
Compiler Name: AlsyCOMP_034, Version 5.1
Host: IBM PS/2 Model 80 (under LynxOS Version 2.0 + Threads Release 11)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 910129W1.11113 (BASE)
Compiler Name: AlsyCOMP_034, Version 5.1
Host: IBM PS/2 Models 70-xxx & 80-xxx (under LynxOS Version 2.0 Release 15)
Target: Any Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 910129W1.11113 (BASE)
Compiler Name: AlsyCOMP_034, Version 5.5.6
Host: IBM PS/2 Model 80 series (under LynxOS v2.2)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 910129W1.11113 (BASE)
Compiler Name: AlsyCOMP_070, Version 5.5.3
Host: Any computer system that executes the Intel 80386 or i486 instruction set (under LynxOS, Version 2.1)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 910131I1.11127
Compiler Name: AlsyCOMP_056, Version 1.82
Host: Sun 3/60 (under SunOS, Version 4.0.3)
Target: KWS EB68020 (under OS-9/68020, Version 2.3)

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 910201I1.11128
Compiler Name: AlsyCOMP_055, Version 1.82
Host: VAX 8530 (under VMS, Version 5.3-1)
Target: KWS EB68020 (under OS-9/68020, Version 2.3)

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 910323W1.11131
Compiler Name: AlsyCOMP_029, Version 5.3
Host: CompuAdd 325 (under DOS 3.31)
Target: Intel iSBC 386/116 (bare machine, using ARTK 5.3)

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 910323W1.11131 (BASE)
Compiler Name: AlsyCOMP_029, Version 5.3.1
Host: Any Computer System that executes the Intel 80386 or 80486 Instruction set (under MS-DOS version 5.0 & Phar Lap version 4.0)
Target: Any 80486 single board computer (bare machine, using ARTK 5.3)

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 910323W1.11132
Compiler Name: AlsyCOMP_030, Version 5.3
Host: MicroVAX II (under VMS 5.2)
Target: Intel ISBC 386/31 (bare machine, using ARTK 5.3)

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 910323W1.11132 (BASE)
Compiler Name: AlsyCOMP_029, Version 5.3.1
Host: Any computer system that executes the Intel 80386 or 80486 instruction set (under MS-DOS version 5.0 or higher and PharLap version 4.0)
Target: Any Intel486 DX2 single board computer (bare machine, using ARTK 5.3)

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 910323W1.11132 (BASE)
Compiler Name: AlsyCOMP_030, Version 5.3.1
Host: MicroVAX II (under VMS 5.2)
Target: Any 80386 single board computer (bare machine, using ARTK 5.3)

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 910323W1.11132 (BASE)
Compiler Name: AlsyCOMP_030, Version 5.3.1
Host: MicroVAX II (under VMS 5.2)
Target: Any Intel486 DX2 single board computer (bare machine, using ARTK 5.3)

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 910323W1.11132 (BASE)
Compiler Name: AlsyCOMP_052, Version 5.3.1
Host: Sun Microsystems Sun-4, SPARCstation, & SPARCserver computer families (under SunOS 4.1)
Target: Any Intel486 DX2 single board computer (bare machine, using ARTK 5.3)

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 910323W1.11133
Compiler Name: AlsyCOMP_033, Version 5.3
Host: Sun 3/140 (under SunOS 4.1)
Target: Intel iSBC 386/12 (bare machine, using ARTK 5.3)

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 910323W1.11133 (BASE)
Compiler Name: AlsyCOMP_052, Version 5.3.1
Host: Sun Microsystems Sun-4, SPARCserver, & SPARCstation computer families (under SunOS 4.1)
Target: Intel iSBC 386/31, iSBC 386/1xx, iSBC 486/1xx (bare machines, using ARTK 5.3)

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	910323W1.11133 (BASE)
Compiler Name:	AlsyCOMP_084, Version 5.5.1
Host:	Sun Microsystems Sun-4, SPARCstation, & SPARCserver computer families (under Solaris 2.1)
Target:	Intel iSBC 386/31, iSBC 386/1xx, ISBC 486/1xx (bare machine, using ARTK 5.3)

* Compiler Vendor:	Alsys
Compiler Type:	Base
Validation Certificate #:	910407I1.11144
Compiler Name:	AlsyCOMP_049, Version 1.83
Host:	VAX 8530 (under VMS Version 5.3-1)
Target:	Integrated Device Technology IDT7RS301 System (R3000/R3010) (bare machine)

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	910407I1.11144 (BASE)
Compiler Name:	AlsyCOMP_049, Version 1.83-01
Host:	VAX 8530 (under VMS 5.3-1)
Target:	Lockheed Sanders STAR MVP (R3000/R3010) (bare machine)

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	910407I1.11144 (BASE)
Compiler Name:	AlsyCOMP_049, Version 1.84
Host:	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 4000, VAX 6000, VAX 8000, & VAX 9000 series of computers (under VMS 5.3 & 5.4)
Target:	Lockheed Sanders STAR MVP board (R3000/R3010) (bare machine)

* Compiler Vendor:	Alsys
Compiler Type:	Base
Validation Certificate #:	910625I1.11193
Compiler Name:	AlsyCOMP_057, Version 1.83
Host:	DECstation 3100 (under ULTRIX Version 4.0)
Target:	Same as Host

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	910625I1.11193 (BASE)
Compiler Name:	AlsyCOMP_057, Version 1.83-01
Host:	DEC DECstation & DECsystem computer families (under ULTRIX 4.0 & 4.2)
Target:	Any Host

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	910721I1.11194 (BASE)
Compiler Name:	TeleGen2 Ada Host Development System for MacII Systems, Version 4.1
Host:	Macintosh IIx & IIfx (under A/UX 3.0 Secure)
Target:	Same as Host

* Compiler Vendor:	Alsys
Compiler Type:	Base
Validation Certificate #:	910809W1.11195
Compiler Name:	AlsyCOMP_024, Version 5.3
Host:	IBM RISC System 8000, model 520 (under AIX v3.1)
Target:	Same as Host

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	910809W1.11195 (BASE)
Compiler Name:	AlsyCOMP_024, Version 5.4
Host:	IBM RISC System 6000 (all models) (under AIX 3.2)
Target:	Any Host

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	910809W1.11195 (BASE)*
Compiler Name:	AlsyCOMP_024, Version 5.6
Host:	IBM RISC System/6000 series 2xx, 3xx, 5xx, Rxx; CETIA Power MCA Workstation, models SBW225, 225, 2230, 2250, 334H, 3355, 3360, 3365, 3370, 3375, 5580, 558H, 5590, 9990 (under AIX Version 3.2.5)
Target:	Any host

* Compiler Vendor:	Alsys
Compiler Type:	Base
Validation Certificate #:	910809W1.11196
Compiler Name:	AlsyCOMP_058, Version 5.3
Host:	Unisys B39 (under BTOS II, v3.2.0)
Target:	Same as Host

* Compiler Vendor:	Alsys
Compiler Type:	Base
Validation Certificate #:	910809W1.11197
Compiler Name:	AlsyCOMP_040, Version 5.3
Host:	HP Vectra RS/25C (under DOS 3.30)
Target:	Unisys B39 (under BTOS II, v3.2.0)

* Compiler Vendor:	Alsys
Compiler Type:	Base
Validation Certificate #:	911016I1.11233
Compiler Name:	NATO SWG on APSE Compiler for Sun3/SunOS, Version S3C1.82-02
Host:	Sun-3/60 (under SunOS Version 4.0.3, with CAIS Version 5.5D)
Target:	Sun-3/60 (under SunOS Version 4.0.3)

* Compiler Vendor:	Alsys
Compiler Type:	Base
Validation Certificate #:	911107W1.11227
Compiler Name:	AlsyCOMP_062, Version 5.35
Host:	HP 9000 Series 700 Model 720 (under HP-UX, Version A.B8.05 (release 8.05))
Target:	Same as Host

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	911107W1.11227 (BASE)
Compiler Name:	AlsyCOMP_062, Version 5.35
Host:	HP 9000 Series 700, all models (under HP-UX, Version A.B8.05 (release 8.05)); HP 9000 Series 800, all models (under HP-UX, Version A.B8.00 (release 8.00))
Target:	HP 9000 Series 700, all models (under HP-UX, Version A.B8.05 (release 8.05))

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	911107W1.11227 (BASE)
Compiler Name:	AlsyCOMP_062, Version 5.5.1
Host:	HP 9000 Series 700, all mods (under HP-UX, V 9.01); HP 9000 Series 800, all mods (under HP-UX, V 9.0)
Target:	HP 9000 Series 700, all models (under HP-UX, V 9.01)

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 911107W1.11227 (BASE)
Compiler Name: AlsyCOMP_062, Version 5.5.2
Host: HP 9000 Series 700, all mods (under HP-UX, V 9.01); HP 9000 Series 800, all mods (under HP-UX, V 9.0)
Target: HP 9000 Series 700, all models (under HP-UX, V 9.01)

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 911107W1.11227 (BASE)
Compiler Name: AlsyCOMP_062, Version 5.5.2A
Host: HP 9000 Series 700, all mods (under HP-UX, V 10.0)
Target: Any Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 911107W1.11227 (BASE)
Compiler Name: AlsyCOMP_076, Version 5.5.2
Host: HP 9000 Series 700, all mods (under HP-UX, V 9.1)
Target: HP 9000/742 RT VME board (under HP-RT, V 1.1)

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 911107W1.11227 (BASE)
Compiler Name: HP 9000 Series 700 Ada Compiler, Version 5.5
Host: HP 9000 Series 700 Model 715/75 (under HP-UX A.09.03 A (release 9.03))
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 911107W1.11227 (BASE)
Compiler Name: HP 9000 Series 700 Ada Compiler, Ver 5.5.3
Host: HP 9000 Series 700 Model 715/75 (under HP-UX A.09.03 A (release 9.03))
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 911107W1.11228
Compiler Name: AlsyCOMP_062, Version 5.35
Host: HP 9000 Series 800 Model 835 (under HP-UX, Version A.B8.00 (release 8.00))
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 911107W1.11228 (BASE)
Compiler Name: AlsyCOMP_062, Version 5.35
Host: HP 9000 Series 800 Models 807, 817, 847, & 867 (under HP-UX B-Level Security Operating System, Version A.08.08)
Target: Any Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 911107W1.11228 (BASE)
Compiler Name: AlsyCOMP_062, Version 5.35
Host: HP 9000 Series 700, all models (under HP-UX, Version A.B8.05 (release 8.05)); HP 9000 Series 800, all models (under HP-UX, Version A.B8.00 (release 8.00))
Target: HP 9000 Series 800, all models (under HP-UX, Version A.B8.00 (release 8.00))

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 911107W1.11228 (BASE)
Compiler Name: AlsyCOMP_062, Version 5.5.1
Host: HP 9000 Series 700, all mods (under HP-UX, V 9.01); HP 9000 Series 800, all mods (under HP-UX, V 9.0)
Target: HP 9000 Series 800, all models (under HP-UX, V 9.0)

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 911107W1.11228 (BASE)
Compiler Name: AlsyCOMP_062, Version 5.5.2
Host: HP 9000 Series 700, all mods (under HP-UX, V 9.01); HP 9000 Series 800, all mods (under HP-UX, V 9.0)
Target: HP 9000 Series 800, all models (under HP-UX, V 9.0)

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 911118I1.11236
Compiler Name: NATO SWG on APSE Compiler for VAX/VMS, Version VC1.82-02
Host: VAX 8350 (under VMS Version 5.4-1, with CAIS Ver 5.5E)
Target: VAX 8350 (under VMS Version 5.4-1)

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 911119A1.11231
Compiler Name: AlsyCOMP_072, Version 5.37
Host: Sun SPARCstation 2 (under SunOS 4.1.1)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 911119A1.11231 (BASE)
Compiler Name: AlsyCOMP_047, Version 5.5.2
Host: Sun Microsystems Sun-4, SPARCstation, & SPARCserver series of computers (under SunOS 4.1.3)
Target: Any Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 911119A1.11231 (BASE)
Compiler Name: AlsyCOMP_072, Version 5.37
Host: Solbourne Series 5/500, /530, /600, /670, /800 & 5E/900; and S4000 (under OS/MP 4.1)
Target: Any Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 911119A1.11231 (BASE)
Compiler Name: AlsyCOMP_072, Version 5.37
Host: Sun SPARCstation ELC, IPC & IPX; SPARCserver 330, 370, 390, 470, 490, 630MP, 670MP & 690MP (under SunOS 4.1.1)
Target: Any Host

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 911119A1.11231 (BASE)
Compiler Name: AlsyCOMP_072, Version 5.5.1
Host: SPARCstation ELC, IPC, & IPX; SPARCserver 330, 370, 390, 490, 690MP, 670MP, & 690MP (under SunOS 4.1.1)
Target: Any Host

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	911119A1.11231 (BASE)
Compiler Name:	AlsyCOMP_072, Version 5.5.1
Host:	Solbourne Series 5/500, /530, /600, /670, /800, & 5E/900; & S4000 (under OS/MP 4.1)
Target:	Any Host

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	911119A1.11231 (BASE)
Compiler Name:	AlsyCOMP_072, Version 5.5.1
Host:	Sun Microsystems Sun-4, SPARCstation, & SPARCserver computer series (all models) (under Solaris 2.1)
Target:	Any Host

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	911119A1.11231 (BASE)
Compiler Name:	AlsyCOMP_072, Version 5.5.2
Host:	Sun Microsystems Sun-4, SPARCstation & SPARCserver computer families (under Solaris 2.3)
Target:	Any Host

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	911119A1.11231 (BASE)
Compiler Name:	AlsyCOMP_086, Version 6.1
Host:	Sun Microsystems Sun-4, SPARCstation & SPARCserver series of computers (under SunOS 5.3 (Solaris 2.3))
Target:	Any Host

* Compiler Vendor:	Alsys
Compiler Type:	Base
Validation Certificate #:	920306I1.11248
Compiler Name:	NATO SWG on APSE Compiler for VAX/VMS to MC68020, Version VCM1.82-02
Host:	VAX 8350 (under VMS Version 5.4-1, with CAIS Ver 5.5E)
Target:	Motorola MVME133XT (MC68020) (bare machine)

* Compiler Vendor:	Alsys
Compiler Type:	Base
Validation Certificate #:	920429I1.11251
Compiler Name:	AlsyCOMP_061, Version 1.83
Host:	DECstation 3100 (under ULTRIX Version 4.2)
Target:	Lockheed Sanders STAR MVP board (R3000/3010) (bare machine)

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	920429I1.11251 (BASE)
Compiler Name:	AlsyCOMP_061, Version 1.84
Host:	DEC DECstation & DECsystem computer families (under ULTRIX 4.2)
Target:	Lockheed Sanders STAR MVP board (R3000/R3010) (bare machine)

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	920429I1.11251 (BASE)
Compiler Name:	AlsyCOMP_061, Version 1.84-01
Host:	DEC DECstation & DECsystem computer families (under ULTRIX 4.2)
Target:	Lockheed Sanders STAR MVP board (R3000/R3010), Integrated Device Technology IDT7RS385 board (R3081E) (bare machines)

* Compiler Vendor:	Alsys
Compiler Type:	Base
Validation Certificate #:	920728I1.11261
Compiler Name:	NATO SWG on APSE Compiler for Sun3/SunOS to MC68020, Version S3CM1.82
Host:	Sun-3/60 (under SunOS Version 4.0.3, with CAIS Ver 5.5E)
Target:	Motorola MVME133XT (MC68020) (bare machine)

* Compiler Vendor:	Alsys
Compiler Type:	Base
Validation Certificate #:	920730I1.11262
Compiler Name:	AlsyCOMP_069, Version 1.83
Host:	Control Data 4336 (under TC/IX 1.0.2)
Target:	Same as Host

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	920730I1.11262 (BASE)
Compiler Name:	AlsyCOMP_069, Version 1.83
Host:	Control Data 4000 series of computers (under TC/IX 1.0.2 & 1.1)
Target:	Any Host

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	920730I1.11262 (BASE)
Compiler Name:	AlsyCOMP_069, Version 1.83
Host:	Control Data 4000 series of computers (under TC/IX 1.2)
Target:	Any Host

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	920730I1.11262 (BASE)
Compiler Name:	AlsyCOMP_069, Version 1.83-02A
Host:	Control Data 4000 series of computers (under EP/LX 1.3)
Target:	Any Host

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	920730I1.11262 (BASE)
Compiler Name:	AlsyCOMP_069, Version 1.83-02B
Host:	Control Data 4000 series of computers (under EP/LX 1.3)
Target:	Any Host

* Compiler Vendor:	Alsys
Compiler Type:	Derived
Validation Certificate #:	921029I1.11295 (BASE)
Compiler Name:	TeleGen2 Ada Cross Development System for SUN-4 to eMIPS, Version 2a
Host:	Sun-4/690 (under SunOS 5.3)
Target:	Algorithmics p-4000i (R4000) (bare machine)

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 921118N1.11298
Compiler Name: AlsyCOMP_062, Version 5.35
Host: HP 9000 Series 800 Model 827 (under HP-UX V 8.02)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 921126N1.11300
Compiler Name: AlysCOMP_073, Version 5.3
Host: IBM ES/9000 Model 610 (under AIX/ESA Version 2)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 921210W1.11302
Compiler Name: AlsyCOMP_019, Version 5.3.1
Host: CompuAdd 433 (under MS-DOS 5.0 Phar Lap 4.0)
Target: Intel ISBC 186/100 (bare machine)

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 921210W1.11302 (BASE)
Compiler Name: AlsyCOMP_019, Version 5.3.1
Host: CompuAdd 433 (under MS-DOS 5.0 Phar Lap 4.0)
Target: Any 80C186EB- & 80C188EB-based single-board computers (bare machine)

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 921210W1.11302 (BASE)
Compiler Name: AlsyCOMP_065, Version 5.3
Host: Sun Microsystems Sun-4, SPARCserver, and SPARCstation computer families (under SunOS 4.1)
Target: Any Intel 8086, 80186, or 80286 single-board computer (bare machine, running ART 5.3)

* Compiler Vendor: Alsys
Compiler Type: Derived
Validation Certificate #: 921218I1.11304 (BASE)
Compiler Name: TeleGen2 Ada Cross Development System for Sun-4 to 68k, Version 4.1aS (or V1A_S)
Host: Sun Microsystems Sun-4, SPARCstation & SPARCserver series of computers (under SunOS 4.1)
Target: DY 4 Systems SVME-122 (bare machine, using TeleAda-Exec)

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 930115S1.11305
Compiler Name: Alsys Ada Software Development Environment for HP 9000 Series 600, 700 & 800, Version 5.35
Host: HP 9000 Series 800 Model 807 (under HP-UX BLS V A.08.08)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 930115S1.11306
Compiler Name: Alsys Ada Software Development Environment for HP 9000 Series 600, 700 & 800, Version 5.35
Host: HP 9000 Series 800 Model 817 (under HP-UX BLS V A.08.08)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 930115S1.11307
Compiler Name: Alsys Ada Software Development Environment for HP 9000 Series 600, 700 & 800, Version 5.35
Host: HP 9000 Series 800 Model 847 (under HP-UX BLS V A.08.08)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 930115S1.11308
Compiler Name: Alsys Ada Software Development Environment for HP 9000 Series 600, 700 & 800, Version 5.35
Host: HP 9000 Series 800 Model 867 (under HP-UX BLS V A.08.08)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 930115S1.11309
Compiler Name: Alsys Ada Software Development Environment for HP 9000 Series 700/800, Version 5.35
Host: Zenith Data Systems Z-Station 433 DEh (under SCO Unix 3.2 running SecureWare CMW+ V 2.2 w/MaxSix)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 930125I1.11310
Compiler Name: AlsyCOMP_068, Version 1.83
Host: Control Data 4680 (under EP/IX 1.4.3)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 931208W1.11333
Compiler Name: AlsyCOMP_032, Version 5.5
Host: CompuAdd 433 (under IBM OS/2, Version 2.1 + Threads)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 931208W1.11334
Compiler Name: AlsyCOMP_083, Version 5.5
Host: CompuAdd 466 (under Windows NT, Version 3.1 + Threads)
Target: Same as Host

* Compiler Vendor: Alsys
Compiler Type: Base
Validation Certificate #: 940826N1.11375
Compiler Name: AlsyCOMP_17, Version 5.4.10
Host: VAXstation 4000 Model 60 (under VMS 5.5-2)
Target: INMOS T9000 transputer Gamma D02 on an INMOS VME TestBoard (bare machine)

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Compiler Vendor: ATLAS ELEKTRONIK GmbH
Address: Sebaldsbruecker Heerstr. 235
P.O. Box 44 85 45
City: W-2800 Bremen 44
State:
Zip Code: GERMANY
Contact Name: Dieter Weigel
Phone: +49-291 457-3058

* Compiler Vendor:	ATLAS ELEKTRONIK GmbH
Compiler Type:	Base
Validation Certificate #:	910324I1.11136
Compiler Name:	ATLAS ELEKTRONIK Ada Compiler VME 1.82
Host:	VAX 6000-410 (under VMS Version 5.2)
Target:	ATLAS ELEKTRONIK GmbH MPR 2300 (under MOS 2300, Version 2.1)

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Compiler Vendor:	Concurrent Computer Corporation
Address:	2 Crescent Place
City:	Oceanport
State:	NJ
Zip Code:	07757
Contact Name:	Linda Lewis
Phone:	(908) 870-4643
E-mail:	lewisl@westford.ccur.com

* Compiler Vendor:	Concurrent Computer Corporation
Compiler Type:	Base
Validation Certificate #:	900427I1.11008
Compiler Name:	C3 Ada, Version 0.5
Host:	Concurrent Computer Corporation 8400 (MIPS R3000/3010) (under RTU Version 5.1)
Target:	Same as Host

* Compiler Vendor:	Concurrent Computer Corporation
Compiler Type:	Derived
Validation Certificate #:	900427I1.11008 (BASE)
Compiler Name:	C3 Ada, Version 0.5
Host:	Concurrent Computer Corporation 8500 (MIPS R3000/R3010) (under RTU Version 5.1)
Target:	Same as Host

* Compiler Vendor:	Concurrent Computer Corporation
Compiler Type:	Base
Validation Certificate #:	901130W1.11107
Compiler Name:	C3 Ada, Version 1.1v
Host:	Concurrent Computer Corporation 6650 with Super Lightning Floating Point (under RTU Version 5.0C)
Target:	Same as Host

* Compiler Vendor:	Concurrent Computer Corporation
Compiler Type:	Derived
Validation Certificate #:	901130W1.11107 (BASE)
Compiler Name:	C3 Ada, Version 1.1
Host:	Concurrent Computer Corporation Series 6000 (MC68030, with Super Lightning Floating Point) & Series 5000 (MC68020, with Lightning Floating Point) (under RTU Versions 5.0A, 5.0B, 5.0C & 6.0)
Target:	Same as Host

* Compiler Vendor:	Concurrent Computer Corporation
Compiler Type:	Derived
Validation Certificate #:	901130W1.11107 (BASE)
Compiler Name:	C3 Ada, Version 1.1v
Host:	Concurrent Computer Corporation Series 6000 with Super Lightning Floating Point, and Series 5000 with Lightning Floating Point (all models) (under RTU Version 5.0A, 5.0B & 5.0C)
Target:	Any Host

* Compiler Vendor:	Concurrent Computer Corporation
Compiler Type:	Base
Validation Certificate #:	901130W1.11108
Compiler Name:	C3 Ada, Version R03-00V
Host:	Concurrent Computer Corporation 3280MPS (under OS/32 Version R08-03.2)
Target:	Same as Host

* Compiler Vendor:	Concurrent Computer Corporation
Compiler Type:	Derived
Validation Certificate #:	901130W1.11108 (BASE)
Compiler Name:	C3 Ada, Version R03-00
Host:	Concurrent Computer Corporation System Bus Processor family of computers (under Trusted OS/32 and MTM Ver R08-03.3S, and OS/32 Versions R08-03.2, R09-01.1OS/32, & R09-02)
Target:	Any Host

* Compiler Vendor:	Concurrent Computer Corporation
Compiler Type:	Derived
Validation Certificate #:	901130W1.11108 (BASE)
Compiler Name:	C3 Ada, Version R03-00V
Host:	Concurrent Computer Corporation Series 3200: 3200 MPS, 3203, 3205, 3210, 3220, 3230, 3250, 3230XP, 3250XP, 3230MPS, 3260MPS, Micro4, and Micro5 (under OS/32 Versions R08-03, R08-03.1 & R08-03.2)
Target:	Any Host

* Compiler Vendor:	Concurrent Computer Corporation
Compiler Type:	Base
Validation Certificate #:	901130W1.11109
Compiler Name:	C3 Ada, Version 1.0v
Host:	Concurrent Computer Corporation 8400 (MIPS R3000/3010) (under RTU Version 5.1)
Target:	Same as Host

* Compiler Vendor:	Concurrent Computer Corporation
Compiler Type:	Derived
Validation Certificate #:	901130W1.11109 (BASE)
Compiler Name:	C3 Ada, Version 1.0
Host:	Concurrent Computer Corporation Series 8000 (MIPS R3000/3010) (under RTU Versions 5.1A, 5.1B & 6.0)
Target:	Same as Host

* Compiler Vendor:	Concurrent Computer Corporation
Compiler Type:	Derived
Validation Certificate #:	901130W1.11109 (BASE)
Compiler Name:	C3 Ada, Version 1.0v
Host:	Concurrent Computer Corporation Series 8000 (all models) (under RTU Versions 5.1, 5.1A & 5.1B)
Target:	Any Host

* Compiler Vendor:	Concurrent Computer Corporation
Compiler Type:	Derived
Validation Certificate #:	901130W1.11109 (BASE)
Compiler Name:	C3 Ada, Version 2.0b
Host:	Concurrent Computer Corporation Series 8000 (MIPS R3000/3010) (under RTU Version 6.0)
Target:	Any Host

* Compiler Vendor:	Concurrent Computer Corporation
Compiler Type:	Derived
Validation Certificate #:	901130W1.11109 (BASE)
Compiler Name:	C3 Ada, Version 2.0p
Host:	Concurrent Computer Corporation Series 8000 (R3000/3010), all models (under RTU Versions 5.1A, 5.1B & 6.0)
Target:	Same as Host

* Compiler Vendor:	Concurrent Computer Corporation
Compiler Type:	Derived
Validation Certificate #:	901130W1.11109 (BASE)
Compiler Name:	C3 Ada, Version 3.0
Host:	Concurrent Computer Corporation MAXION Multiprocessor System with MIPS R4400 and Internal Floating Point (all models) (under RTU Version 6.2)
Target:	Any Host

* Compiler Vendor:	Concurrent Computer Corporation
Compiler Type:	Base
Validation Certificate #:	901130W1.11110
Compiler Name:	C3 Ada, Version 1.1v
Host:	Concurrent Computer Corporation 6650 with MC68882 Floating Point (under RTU Version 5.0C)
Target:	Same as Host

* Compiler Vendor:	Concurrent Computer Corporation
Compiler Type:	Derived
Validation Certificate #:	901130W1.11110 (BASE)
Compiler Name:	C3 Ada, Version 1.1
Host:	Concurrent Computer Corporation Series 6000 (MC68030/MC68882) & Series 5000 (MC68020 /MC68881) (under RTU Vers 5.0A, 5.0B, 5.0C & 6.0)
Target:	Same as Host

* Compiler Vendor:	Concurrent Computer Corporation
Compiler Type:	Derived
Validation Certificate #:	901130W1.11110 (BASE)
Compiler Name:	C3 Ada, Version 1.1v
Host:	Concurrent Computer Corporation Series 6000 with an MC68882 fpu, and Series 5000 with an MC68881 fpu (all models) (under RTU Vers 5.0A, 5.0B & 5.0C)
Target:	Any Host

* Compiler Vendor:	Concurrent Computer Corporation
Compiler Type:	Derived
Validation Certificate #:	901130W1.11110 (BASE)
Compiler Name:	C3 Ada, Version 1.2 & 2.0b
Host:	Concurrent Computer Corporation Series 7000 (MC68040) (under RTU Version 6.1)
Target:	Any Host

* Compiler Vendor:	Concurrent Computer Corporation
Compiler Type:	Derived
Validation Certificate #:	901130W1.11110 (BASE)
Compiler Name:	C3 Ada, Version 2.0b
Host:	Concurrent Computer Corporation Series 7000 (MC68040) (under RTU Version 6.1)
Target:	Any Host

* Compiler Vendor:	Concurrent Computer Corporation
Compiler Type:	Derived
Validation Certificate #:	901130W1.11110 (BASE)
Compiler Name:	C3 Ada, Versions 2.0bV4 & 2.0bV4c
Host:	Concurrent Computer Corporation Series 7000 (MC68040) (under RTU, Version 6.1A)
Target:	Any Host

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Compiler Vendor:	Control Data Systems, Inc.
Address:	1306 Orleans Drive
City:	Sunnyvale
State:	CA
Zip Code:	94089-1135
Contact Name:	Kathy Sharp
Phone:	(408)541-4200
E-mail:	kls@svl.cdc.com

* Compiler Vendor:	Control Data Systems, Inc.
Compiler Type:	Base
Validation Certificate #:	931217S1.11336
Compiler Name:	NOS/VE Ada, Version 1.4
Host:	CYBER 180-930-31 (under NOS/VE, Level 826)
Target:	Same as Host

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Compiler Vendor:	CONVEX Computer Corporation
Address:	7501 Greenway Center Dr., Suite 800
City:	Greenbelt
State:	MD
Zip Code:	20770
Contact Name:	Robert Goldberg
Phone:	(301) 345-2400
E-mail:	goldberg@convex.com

* Compiler Vendor:	CONVEX Computer Corporation
Compiler Type:	Base
Validation Certificate #:	900910W1.11027
Compiler Name:	CONVEX Ada, Version 2.0
Host:	CONVEX C220 (under ConvexOS 8.1)
Target:	Same as Host

* Compiler Vendor:	CONVEX Computer Corporation
Compiler Type:	Derived
Validation Certificate #:	900910W1.11027 (BASE)
Compiler Name:	CONVEX Ada, Version 2.0
Host:	CONVEX C120, C201, C202, C210, C220, C230, C240, C210i, C220i & C230i (under ConvexOS, Versions 8.1 and 9.0)
Target:	Any Host

* Compiler Vendor:	CONVEX Computer Corporation
Compiler Type:	Derived
Validation Certificate #:	900910W1.11027 (BASE)
Compiler Name:	CONVEX Ada, Version 2.0
Host:	CONVEX C120, C201, C202, C210, C210i, C220, C220i, C230, C230i, C240, C3210, C3220, C3230, C3240, C3410, C3420, C3430, C3440, C3450, C3460, C3470, C3480, C3810, C3820, C3830, C3840, C3850, C3880, C3870, C3880 (under ConvexOS versions 8.1, 9.0, 9.1 & 10.0)
Target:	Each Host, self-targeted

* Compiler Vendor:	CONVEX Computer Corporation
Compiler Type:	Derived
Validation Certificate #:	900910W1.11027 (BASE)
Compiler Name:	CONVEX Ada, Version 2.1
Host:	CONVEX C120, and C2xx, C32xx, C34xx, & C38xx computer series (under ConvexOS, Versions 8.1, 9.0, 9.1, 10.0, & 10.1; and ConvexOS/Secure Versions 9.5 & 10.0)
Target:	Same as Host

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Compiler Vendor: Cray Research, Inc.
Address: 500 Montezuma, Suite 118
City: Santa Fe
State: NM
Zip Code: 87501
Contact Name: Sylvia Crain
Phone: (505) 988-2468, ext. 30
E-mail: svc@cray.com

* Compiler Vendor: Cray Research, Inc.
Compiler Type: Base
Validation Certificate #: 901112W1.11116
Compiler Name: Cray Ada Compiler Release 2.0
Host: Cray X-MP/EA (under UNICOS Release 5.0)
Target: Same as Host

* Compiler Vendor: Cray Research, Inc.
Compiler Type: Derived
Validation Certificate #: 901112W1.11116 (BASE)
Compiler Name: Cray Ada Compiler Release 2.0
Host: CRAY X-MP & X-MP/EA, all models (under UNICOS Releases 5.1, 6.0 & 6.1)
Target: Each Host, self-targeted

* Compiler Vendor: Cray Research, Inc.
Compiler Type: Derived
Validation Certificate #: 901112W1.11116 (BASE)
Compiler Name: Cray Ada Compiler Release 3.0
Host: X-MP/EA (all models) (under UNICOS Release 6.1)
Target: Same as Host

* Compiler Vendor: Cray Research, Inc.
Compiler Type: Derived
Validation Certificate #: 901112W1.11116 (BASE)
Compiler Name: Cray Ada Compiler Release 3.1
Host: CRAY X-MP/EA & X-MP (all models) (under UNICOS Releases 6.1 & 7.0)
Target: Any Host

* Compiler Vendor: Cray Research, Inc.
Compiler Type: Base
Validation Certificate #: 901112W1.11117
Compiler Name: Cray Ada Compiler Release 2.0
Host: Cray Y-MP (under UNICOS Release 5.0)
Target: Same as Host

* Compiler Vendor: Cray Research, Inc.
Compiler Type: Derived
Validation Certificate #: 901112W1.11117 (BASE)
Compiler Name: Cray Ada Compiler Release 2.0
Host: Cray Y-MP, all models (under UNICOS Releases 5.1, 6.0 & 6.1)
Target: Each Host, self-targeted

* Compiler Vendor: Cray Research, Inc.
Compiler Type: Derived
Validation Certificate #: 901112W1.11117 (BASE)
Compiler Name: Cray Ada Compiler Release 2.0
Host: CRAY Y-MP EL (under UNICOS Releases 6.0 & 6.1)
Target: Same as Host

* Compiler Vendor: Cray Research, Inc.
Compiler Type: Derived
Validation Certificate #: 901112W1.11117 (BASE)
Compiler Name: Cray Ada Compiler Release 3.0
Host: CRAY Y-MP & Y-MP EL (all models) (under UNICOS Rel 6.1)
Target: Each Host, self-targeted

* Compiler Vendor: Cray Research, Inc.
Compiler Type: Derived
Validation Certificate #: 901112W1.11117 (BASE)
Compiler Name: Cray Ada Compiler Release 3.1
Host: CRAY Y-MP & Y-MP EL (all models) (under UNICOS Releases 6.1 & 7.0)
Target: Any Host

* Compiler Vendor: Cray Research, Inc.
Compiler Type: Derived
Validation Certificate #: 901112W1.11117 (BASE)
Compiler Name: Cray Ada Compiler Release 3.1
Host: CRAY C-90 (in Y-MP mode) (under UNICOS 7C.0)
Target: Same as Host

* Compiler Vendor: Cray Research, Inc.
Compiler Type: Base
Validation Certificate #: 911006W1.11223
Compiler Name: Cray Ada Compiler Release 2.0
Host: CRAY-2/4-128 (under UNICOS Release 6.1)
Target: Same as Host

* Compiler Vendor: Cray Research, Inc.
Compiler Type: Derived
Validation Certificate #: 911006W1.11223 (BASE)
Compiler Name: Cray Ada Compiler Release 2.0
Host: CRAY-2 (all models) (under UNICOS Release 6.1)
Target: Each Host, self-targeted

* Compiler Vendor: Cray Research, Inc.
Compiler Type: Derived
Validation Certificate #: 911006W1.11223 (BASE)
Compiler Name: Cray Ada Compiler Release 3.0
Host: CRAY-2/4-128 (all models) (under UNICOS Release 6.1)
Target: Each Host, self-targeted

* Compiler Vendor: Cray Research, Inc.
Compiler Type: Derived
Validation Certificate #: 911006W1.11223 (BASE)
Compiler Name: Cray Ada Compiler Release 3.1
Host: CRAY CRAY-2/4-128 (all models) (under UNICOS Releases 6.1 & 7.0)
Target: Any Host

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Compiler Vendor: DDC-I, Inc.
Address: (formerly DDC-Inter, Inc.)
410 North 44th Street
City: Phoenix
State: AZ
Zip Code: 85008
Contact Name: Kelly Swainson
Phone: (602) 275-7172
E-mail: kjs%ddciiphx@uunet.uu.net

* Compiler Vendor: DDC-I, Inc.
Compiler Type: Derived
Validation Certificate #: 901129S1.11074 (BASE)
Compiler Name: DACS VAX/VMS to 80486 PM Bare Ada Cross Compiler System, Version 4.6
Host: VAX 8530 (under VMS Version 5.3)
Target: Intel iSBC 486/125 (bare machine)

* Compiler Vendor: DDC-I, Inc.
Compiler Type: Base
Validation Certificate #: 910705S1.11191
Compiler Name: InterACT Ada 1750A Compiler System, Release 3.5
Host: MicroVAX 3100 Cluster (under VMS 5.2)
Target: InterACT MIL-STD-1750A Instruction Set Architecture Simulator Release 2.3 (bare machine simulation)

* Compiler Vendor: DDC-I, Inc.
Compiler Type: Base
Validation Certificate #: 910705S1.11192
Compiler Name: InterACT Ada MIPS Cross-Compiler System, Release 2.0
Host: MicroVAX 3100 Cluster (under VMS 5.2)
Target: Lockheed Sanders STAR MVP R3000/R3010 Board (bare machine)

* Compiler Vendor: DDC-I, Inc.
Compiler Type: Derived
Validation Certificate #: 910705S1.11192 (BASE)
Compiler Name: InterACT Ada MIPS Cross-Compiler System, Release 2.1
Host: MicroVAX 3100 Cluster (under VMS 5.2)
Target: Lockheed Sanders STAR MVP R3000/R3010 Board (bare machine)

* Compiler Vendor: DDC-I, Inc.
Compiler Type: Base
Validation Certificate #: 920805S1.11263
Compiler Name: DACS MIPS RISC/os to MIPS R3000 Bare Ada Cross Compiler System, Release 2.1-16
Host: MIPS M/120-5 (under RISC/os Version 4.50)
Target: Lockheed Sanders STAR MVP R3000/R3010 Board (bare machine)

* Compiler Vendor: DDC-I, Inc.
Compiler Type: Base
Validation Certificate #: 920805S1.11264
Compiler Name: DACS DECstation/ULTRIX to MIPS R3000 Bare Ada Cross Compiler System, Release 2.1-16
Host: DECstation 3100 (under ULTRIX Version 4.0)
Target: Integrated Device Technology IDT7RS301 R3000/R3010 Board (bare machine)

* Compiler Vendor: DDC-I, Inc.
Compiler Type: Base
Validation Certificate #: 920805S1.11265
Compiler Name: DACS Sun SPARC/SunOS Native Ada Compiler System, Version 4.6.1
Host: SPARCstation 2 (under SunOS, Version 4.1.1)
Target: Same as Host

* Compiler Vendor: DDC-I, Inc.
Compiler Type: Base
Validation Certificate #: 931119S1.11331
Compiler Name: DACS Sun SPARC/SunOS to 80386 PM Bare Ada Cross Compiler System, Version 4.6.4
Host: Sun SPARCstation 1+ (under SunOS, Release 4.1.1)
Target: Intel iSBC 386/116 (bare machine)

* Compiler Vendor: DDC-I, Inc.
Compiler Type: Base
Validation Certificate #: 931119S1.11332
Compiler Name: DACS MIPS R3000 Bare Ada Cross Compiler System, Version 4.7.1
Host: Sun SPARCstation IPX (under SunOS, Release 4.1.3)
Target: DACS Sun SPARC/SunOS to MIPS R3000 Bare Instruction Set Architecture Simulator, Version 4.7.1, executing on the Host (bare machine simulation)

* Compiler Vendor: DDC-I, Inc.
Compiler Type: Base
Validation Certificate #: 940325S1.11341
Compiler Name: DACS Sun SPARC/SunOS to 80186 Bare Ada Cross Compiler System, Version 4.6.4
Host: Sun SPARCstation IPX (under SunOS, Release 4.1.2)
Target: Intel iSBC 186/100 (bare machine)

* Compiler Vendor: DDC-I, Inc.
Compiler Type: Base
Validation Certificate #: 940325S1.11342
Compiler Name: DACS Sun SPARC/SunOS to 80186 Bare Ada Cross Compiler System w/ Rate Monotonic Scheduling, V4.6.4
Host: Sun SPARCstation IPX (under SunOS, Release 4.1.2)
Target: Intel iSBC 186/100 (bare machine)

* Compiler Vendor: DDC-I, Inc.
Compiler Type: Base
Validation Certificate #: 940325S1.11343
Compiler Name: DACS Sun SPARC/Solaris to 80186 Bare Ada Cross Compiler System, Version 4.6.4
Host: Sun SPARCclassic (under Solaris, Release 2.1)
Target: Intel ISBC 186/100 (bare machine)

* Compiler Vendor: DDC-I, Inc.
Compiler Type: Base
Validation Certificate #: 940325S1.11344
Compiler Name: DACS Sun SPARC/Solaris to 80186 Bare Ada Cross Compiler System w/ Rate Monotonic Scheduling, V4.6.4
Host: Sun SPARCclassic (under Solaris, Release 2.1)
Target: Intel iSBC 186/100 (bare machine)

* Compiler Vendor: DDC-I, Inc.
Compiler Type: Base
Validation Certificate #: 940325S1.11345
Compiler Name: DACS Sun SPARC/SunOS to 680x0 Bare Ada Cross Compiler System, Version 4.6.9
Host: Sun SPARCstation IPX (under SunOS, Release 4.1.1)
Target: Motorola MVME143 (68030/68882) (bare machine)

* Compiler Vendor: DDC-I, Inc.
Compiler Type: Base
Validation Certificate #: 940325S1.11346
Compiler Name: DACS Sun SPARC/SunOS to 680x0 Bare Ada Cross Compiler System (BASIC_MODE), Version 4.6.9
Host: Sun SPARCstation IPX (under SunOS, Release 4.1.1)
Target: Lynwood j435TU (68030) (bare machine)

* Compiler Vendor: DDC-I, Inc.
Compiler Type: Base
Validation Certificate #: 940325S1.11347
Compiler Name: DACS Sun SPARC/SunOS to 680x0 Bare Ada Cross Compiler System (SECURE_MODE), Version 4.6.9
Host: Sun SPARCstation IPX (under SunOS, Release 4.1.1)
Target: Lynwood j435TU (68030) (bare machine)

* Compiler Vendor: DDC-I, Inc.
Compiler Type: Base
Validation Certificate #: 940325S1.11348
Compiler Name: DACS Sun SPARC/Solaris to 80386 PM Bare Ada Cross Compiler System, Version 4.6.4
Host: Sun SPARCclassic (under Solaris, Release 2.1)
Target: Intel iSBC 386/116 (bare machine)

* Compiler Vendor: DDC-I, Inc.
Compiler Type: Base
Validation Certificate #: 940325S1.11349
Compiler Name: DACS Sun SPARC/Solaris to 80386 PM Bare Ada Compiler System w/ Rate Monotonic Scheduling, V4.6.4
Host: Sun SPARCclassic (under Solaris, Release 2.1)
Target: Intel iSBC 386/116 (bare machine)

* Compiler Vendor: DDC-I, Inc.
Compiler Type: Base
Validation Certificate #: 940325S1.11350
Compiler Name: DACS Sun SPARC/SunOS to Pentium PM Bare Ada Cross Compiler System, Version 4.6.4
Host: Sun SPARCstation IPX (under SunOS, Release 4.1.2)
Target: IntelXpress Desktop (product #XBASE6E4F-B, with Pentium cpu, operating as a bare machine)

* Compiler Vendor: DDC-I, Inc.
Compiler Type: Base
Validation Certificate #: 940325S1.11351
Compiler Name: DACS Sun SPARC/SunOS to Pentium PM Bare Ada Cross Compiler System w/Rate Monotonic Scheduling, 4.6.4
Host: Sun SPARCstation IPX (under SunOS, Release 4.1.2)
Target: IntelXpress Desktop (product # XBASE6E4F-B, with Pentium cpu, operating as a bare machine)

* Compiler Vendor: DDC-I, Inc.
Compiler Type: Base
Validation Certificate #: 940325S1.11352
Compiler Name: DACS Sun SPARC/Solaris to Pentium PM Bare Ada Cross Compiler System, Version 4.6.4
Host: Sun SPARCclassic (under Solaris, Release 2.1)
Target: IntelXpress Desktop (product # XBASE6E4F-B, with Pentium cpu, operating as a bare machine)

* Compiler Vendor: DDC-I, Inc.
Compiler Type: Base
Validation Certificate #: 940325S1.11353
Compiler Name: DACS Sun SPARC/Solaris to Pentium PM Bare Ada Cross Compiler Sys. w/Rate Monotonic Scheduling, 4.6.4
Host: Sun SPARCclassic (under Solaris, Release 2.1)
Target: IntelXpress Desktop (product # XBASE6E4F-B, with Pentium cpu, operating as a bare machine)

* Compiler Vendor: DDC-I, Inc.
Compiler Type: Base
Validation Certificate #: 940325S1.11354
Compiler Name: DACS Sun SPARC/Solaris Native Ada Compiler System, Version 4.6.2
Host: Sun SPARCclassic (under Solaris, Release 2.1)
Target: Same as Host

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Compiler Vendor: DDC-International A/S
Address: G1. Lundtoftevej 1B
City: DK-2800 Lyngby
State:
Zip Code: DENMARK
Contact Name: Kurt Westh Hansen
Phone: +45 45 871144
E-mail: kwh@ddci.dk

* Compiler Vendor: DDC-International A/S
Compiler Type: Base
Validation Certificate #: 901129S1.11050
Compiler Name: DACS VAX/VMS Native Ada Compiler System, Version 4.6
Host: VAX 8530 (under VMS Version 5.3)
Target: Same as Host

* Compiler Vendor: DDC-International A/S
Compiler Type: Base
Validation Certificate #: 901129S1.11051
Compiler Name: DACS VAX/VMS to 68020 Bare Ada Cross Compiler System, Version 4.6
Host: MicroVAX 3100 (under VMS Version 5.3)
Target: Motorola MVME133 board (68020/68881) (bare machine)

* Compiler Vendor: DDC-International A/S
Compiler Type: Base
Validation Certificate #: 901129S1.11074
Compiler Name: DACS VAX/VMS to 80386 PM Bare Ada Cross Compiler System, Version 4.6
Host: VAX 8530 (under VMS Version 5.3)
Target: Intel iSBC 386/21 (bare machine)

* Compiler Vendor: DDC-International A/S
Compiler Type: Base
Validation Certificate #: 901129S1.11075
Compiler Name: DACS 80386 UNIX V Ada Compiler System, Ver 4.6
Host: ICL DRS300 (under DRS/NX, Version 3.2 (UNIX System V/386 release 3.2))
Target: Same as Host

* Compiler Vendor: DDC-International A/S
Compiler Type: Base
Validation Certificate #: 901129S1.11076
Compiler Name: DACS Sun3/SunOS Native Ada Compiler System, Version 4.6
Host: Sun-3/60 (under SunOS, Version 4.0_Export)
Target: Same as Host

* Compiler Vendor: DDC-International A/S
Compiler Type: Base
Validation Certificate #: 901129S1.11077
Compiler Name: DACS VAX/VMS to 80186 Bare Ada Cross Compiler System with Rate Monotonic Scheduling, Version 4.6
Host: VAX 8530 (under VMS Version 5.3)
Target: Intel ISBC 186/03 (bare machine)

* Compiler Vendor:	DDC-International A/S
Compiler Type:	Derived
Validation Certificate #:	901129S1.11077 (BASE)
Compiler Name:	DACS VAX/VMS to 80186 Bare Ada Cross Compiler System with Rate Monotonic Scheduling, Version 4.6
Host:	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers, including Raytheon Military VAX computer model 860 (under VMS Version 5.3)
Target:	Intel ISBC 186/03 (bare machine)

* Compiler Vendor:	DDC-International A/S
Compiler Type:	Derived
Validation Certificate #:	901129S1.11077 (BASE)
Compiler Name:	DACS VAX/VMS to 80286 Bare Ada Cross Compiler System with Rate Monotonic Scheduling, Version 4.6
Host:	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers, including Raytheon Military VAX computer model 860 (under VMS Version 5.3)
Target:	Intel ISBC 286/12 (bare machine)

* Compiler Vendor:	DDC-International A/S
Compiler Type:	Derived
Validation Certificate #:	901129S1.11077 (BASE)
Compiler Name:	DACS VAX/VMS to 80286 PM Bare Ada Cross Compiler System with Rate Monotonic Scheduling, Version 4.6
Host:	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers, including Raytheon Military VAX computer model 860 (under VMS Version 5.3)
Target:	Intel iSBC 286/12 in Protected Mode (bare machine)

* Compiler Vendor:	DDC-International A/S
Compiler Type:	Derived
Validation Certificate #:	901129S1.11077 (BASE)
Compiler Name:	DACS VAX/VMS to 8086 Bare Ada Cross Compiler System with Rate Monotonic Scheduling, Version 4.6
Host:	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers, including Raytheon Military VAX computer model 860 (under VMS Version 5.3)
Target:	Intel iSBC 86/35 (bare machine)

* Compiler Vendor:	DDC-International A/S
Compiler Type:	Base
Validation Certificate #:	901129S1.11078
Compiler Name:	DACS VAX/VMS to 80386 Bare Ada Cross Compiler System with Rate Monotonic Scheduling, Version 4.6
Host:	VAX 8530 (under VMS Version 5.3)
Target:	Intel iSBC 386/21 (bare machine)

* Compiler Vendor:	DDC-International A/S
Compiler Type:	Base
Validation Certificate #:	901129S1.11079
Compiler Name:	DACS VAX/VMS to 80186 Bare Ada Cross Compiler System, Version 4.6
Host:	VAX 8530 (under VMS Version 5.3)
Target:	Intel iSBC 186/03 (bare machine)

* Compiler Vendor:	DDC-International A/S
Compiler Type:	Derived
Validation Certificate #:	901129S1.11079 (BASE)
Compiler Name:	DACS VAX/VMS to 80186 Bare Ada Cross Compiler System, Version 4.6
Host:	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers, including Raytheon Military VAX computer model 860 (under VMS Version 5.3)
Target:	Intel ISBC 186/03 (bare machine)

* Compiler Vendor:	DDC-International A/S
Compiler Type:	Derived
Validation Certificate #:	901129S1.11079 (BASE)
Compiler Name:	DACS VAX/VMS to 80286 Bare Ada Cross Compiler System, Version 4.6
Host:	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers, including Raytheon Military VAX computer model 860 (under VMS Version 5.3)
Target:	Intel ISBC 286/12 (bare machine)

* Compiler Vendor:	DDC-International A/S
Compiler Type:	Derived
Validation Certificate #:	901129S1.11079 (BASE)
Compiler Name:	DACS VAX/VMS to 80286 PM Bare Ada Cross Compiler System, Version 4.6
Host:	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers, including Raytheon Military VAX computer model 860 (under VMS Version 5.3)
Target:	Intel iSBC 286/12 in Protected Mode (bare machine)

* Compiler Vendor:	DDC-International A/S
Compiler Type:	Derived
Validation Certificate #:	901129S1.11079 (BASE)
Compiler Name:	DACS VAX/VMS to 8086 Bare Ada Cross Compiler System, Version 4.6
Host:	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers, including Raytheon Military VAX computer model 860 (under VMS Version 5.3)
Target:	Intel iSBC 86/35 (bare machine)

* Compiler Vendor:	DDC-International A/S
Compiler Type:	Base
Validation Certificate #:	901129S1.11112
Compiler Name:	DACS 80386 DMS/OS Ada Compiler System, Ver 4.6
Host:	IBM PS/2 Model 80-311 (under LynxOS 386/PS2, Ver 2.0A)
Target:	Same as Host

* Compiler Vendor:	DDC-International A/S
Compiler Type:	Base
Validation Certificate #:	910502S1.11158
Compiler Name:	DACS VAX/VMS to 80860 Bare Ada Cross Compiler System, Version 4.6.1
Host:	VAX 8530 (under VMS Version 5.3)
Target:	Tadpole Technology plc TP860M
(bare machine)	

* Compiler Vendor:	DDC-International A/S
Compiler Type:	Base
Validation Certificate #:	910502S1.11159
Compiler Name:	DACS Sun-3/SunOS to 68030 Bare Ada Cross Compiler System, Version 4.6.4, MRI IEEE 695 (BASIC_MODE)
Host:	Sun-3/50 (under SunOS Release 4.0_Export)
Target:	Motorola MVME143 (68030/68882) board (bare machine)

* Compiler Vendor:	DDC-International A/S
Compiler Type:	Derived
Validation Certificate #:	910502S1.11159 (BASE)
Compiler Name:	DACS Sun-3/SunOS to 68030 Bare Ada Cross Compiler System, Version 4.6.9j, MRI IEEE 695 (BASIC-MODE)
Host:	Sun Microsystems Sun-3 computer families (under SunOS Version 4.0)
Target:	Motorola MVME143 (68030/68882) board (bare machine)

* Compiler Vendor:	DDC-International A/S
Compiler Type:	Base
Validation Certificate #:	910502S1.11160
Compiler Name:	DACS Sun-3/SunOS to 68030 Bare Ada Cross Compiler System, Version 4.6.4, MRI IEEE 695 (SECURE_MODE)
Host:	Sun-3/50 (under SunOS Release 4.0_Export)
Target:	Motorola MVME143 (68030/68882) board (bare machine)

* Compiler Vendor:	DDC-International A/S
Compiler Type:	Derived
Validation Certificate #:	910502S1.11160 (BASE)
Compiler Name:	DACS Sun-3/SunOS to 68030 Bare Ada Cross Compiler System, Version 4.6.9j, MRI IEEE 695 (SECURE_MODE)
Host:	Sun Microsystems Sun-3 computer families (under SunOS Version 4.0)
Target:	Motorola MVME143 (68030/68882) board (bare machine)

* Compiler Vendor:	DDC-International A/S
Compiler Type:	Base
Validation Certificate #:	940325S1.11341
Compiler Name:	DACS Sun SPARC/SunOS to 80186 Bare Ada Cross Compiler System, Version 4.6.4
Host:	Sun SPARCstation IPX (under SunOS, Release 4.1.2)
Target:	Intel iSBC 186/100 (bare machine)

* Compiler Vendor:	DDC-International A/S
Compiler Type:	Derived
Validation Certificate #:	940325S1.11341 (BASE)
Compiler Name:	DACS Sun SPARC/SunOS to 80186 Bare Ada Cross Compiler System, Version 4.6.4
Host:	Sun Microsystems Sun-4, SPARCserver, SPARCclassic, and SPARCstation computer families (under SunOS, Version 4.1)
Target:	Intel iSBC 86/35 (bare machine)

* Compiler Vendor:	DDC-International A/S
Compiler Type:	Derived
Validation Certificate #:	940325S1.11342 (BASE)
Compiler Name:	DACS Sun SPARC/SunOS to 80186 Bare Ada Cross Compiler System w/ Rate Monotonic Scheduling, V4.6.4
Host:	Sun Microsystems Sun-4, SPARCserver, SPARCclassic, and SPARCstation computer families (under SunOS, Version 4.1)
Target:	Intel iSBC 86/35 (bare machine)

* Compiler Vendor:	DDC-International A/S
Compiler Type:	Derived
Validation Certificate #:	940325S1.11350 (BASE)
Compiler Name:	DACS Sun SPARC/Sun OS to 80486 PM Bare Ada Cross Compiler System, Version 4.6.4
Host:	Sun Microsystems Sun-4, SPARCserver, SPARCclassic, and SPARCstation computer families (under SunOS, Version 4.1)
Target:	Intel 80486 DX4 based in IBM PS/Valuepoint desktop (operated as a bare machine)

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Compiler Vendor:	DESC Ltd.
Address:	Jays Close
	Viables Industrial Estate
	Basingstoke
City:	Hampshire, RG22 4BY
State:	
Zip Code:	UNITED KINGDOM
Contact Name:	Les Fairbrother
Phone:	+44 256 819711
E-mail:	(No e-mail address given)

* Compiler Vendor:	DESC Ltd.
Compiler Type:	Derived
Validation Certificate #:	921008N1.11293 (BASE)
Compiler Name:	VME Ada Compiler, Version A3.20
Host:	ICL Series 39 Level 80 (under VME with VMEB Environment Option Version SV292)
Target:	Same as Host

* Compiler Vendor:	DESC Ltd.
Compiler Type:	Derived
Validation Certificate #:	921008N1.11293 (BASE)
Compiler Name:	VME Ada Compiler, Version A3.25
Host:	ICL Series 39 Level 80 (under VME with VMEB Environment Option Version SV293)
Target:	ICL Series 39 Level 80 & Series 39 SX Processor families (under VME with VMEB Environment Option Version SV293)

* Compiler Vendor:	DESC Ltd.
Compiler Type:	Derived
Validation Certificate #:	921008N1.11293 (BASE)
Compiler Name:	VME Ada Compiler, Version A3.25
Host:	ICL Series 39 Level 80 (under VME with VMEB Environment Option Version SV292)
Target:	Same as Host

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Compiler Vendor: Digital Equipment Corporation
Address: MS: ZKO 2-3/M11
110 Spit Brook Road
City: Nashua
State: NH
Zip Code: 03062
Contact Name: Cathy Axel
Phone: (603) 881-1413
E-mail: axel@sdtmm.enet.dec.com

* Compiler Vendor: Digital Equipment Corporation
Compiler Type: Base
Validation Certificate #: 901109S1.11053
Compiler Name: VAX Ada, Version 2.2
Host: VAX 8800 (under VMS Version 5.4)
Target: Same as Host

* Compiler Vendor: Digital Equipment Corporation
Compiler Type: Derived
Validation Certificate #: 901109S1.11053 (BASE)
Compiler Name: VAX Ada, Version 2.2
Host: DEC VAX-11, VAXserver, VAXstation, VAXft, MicroVAX, VAX 4000, VAX 6000, VAX 8000 & VAX 9000 Series of computers (as supported); Ratheon Military VAX Computer Model 860; and Norden MilVAX Computer Model MilVAX II (under VMS Version 5.4)
Target: Any Host

* Compiler Vendor: Digital Equipment Corporation
Compiler Type: Derived
Validation Certificate #: 901109S1.11053 (BASE)
Compiler Name: VAX Ada, Version 2.3
Host: All VAX, MicroVAX, VAXstation, VAXserver series of computers (as supported) (under VMS Versions 5.4 & 5.5)
Target: Any Host

* Compiler Vendor: Digital Equipment Corporation
Compiler Type: Base
Validation Certificate #: 901109S1.11054
Compiler Name: VAX Ada, Version 2.2
Host: VAX 8800 (under VMS Version 5.4)
Target: MicroVAX II (under VAXELN Version 4.1, using VAXELN Ada Version 2.2)

* Compiler Vendor: Digital Equipment Corporation
Compiler Type: Derived
Validation Certificate #: 901109S1.11054 (BASE)
Compiler Name: VAX Ada, Version 2.2
Host: DEC VAX-11, VAXserver, VAXstation, VAXft, MicroVAX, VAX 4000, VAX 6000, VAX 8000 & VAX 9000 Series of computers (as supported); Ratheon Military VAX Computer Model 860; and Norden MilVAX Computer Model MilVAX II (under VMS Version 5.4)
Target: VAX 4000 Models 200 & 300; VAX 6000 Series 200, 300 & 400; VAX 8200, 8250, 8500, 8530, 8550, 8700, 8800, & 8810; VAX-11/730 & /750; MicroVAX II, 2000, 3100, 3150, 3200, 3500, 3600, 3800, & 3900; VAXstation 2000, 3100, 3150, 3200, 3500, & II/GPX; VAXserver 4000-300; VAXserver 6000 Models 210, 220, 310, 320, 410, & 420; Raytheon Military VAX Computer Models 810 & 860; Norden MilVAX Computer Model MilVAX II, IVAX 620 & 630; VAX RTA; KA620-BA, & KA800-M; rtVAX 300, 1000, 3200, 3300, 3305, 3400, 3500, 3600, 3800, 4000 Model 300, 8550, 8700, rtVAX 6000 Models 200, 300, & 400 Series and rtVAXstation 3100 Models 30 & 38 (under VAXELN Version 4.2, using VAXELN Ada Ver 2.2)

* Compiler Vendor: Digital Equipment Corporation
Compiler Type: Derived
Validation Certificate #: 901109S1.11054 (BASE)
Compiler Name: VAX Ada, Version 2.2
Host: VAX 6000 Model 200, 300 & 400 Series; VAX 8200, 8250, 8300, 8350, 8500, 8530, 8550, 8600, 8650, 8700, 8800, 8810, 8820, 8830, 8840, 8842, 8974 & 8978; VAX-11/730, /750, /780, /785; MicroVAX II, 2000, 3100, 3300, 3400, 3500, 3600, 3800 & 3900; VAXstation II, 2000, 3100 series, 3200, 3500, 3520, 3540 & 8000; VAXserver 3100, 3300, 3400, 3500, 3600, 3602, 3800, 3900; VAXserver 6000-310, 6000-410 & 6000-420; Ratheon Military VAX Computer Model 860 (under VMS Version 5.4)
Target: VAX 6000 Model 200, 300 & 400 Series; VAX 8200, 8250, 8500, 8530, 8550, 8700, 8800, & 8810; VAX-11/730 & /750; MicroVAX II, 2000, 3100, 3300, 3400, 3500, 3600, 3800, & 3900; VAXstation 2000, 3100, 3150, 3200, 3500, & II/GPX; VAXserver 3100, 3300, 3400, 3500, 3600, 3602, 3800, 3900; VAXserver 6000 Models 210, 220, 310, 320, 410, & 420; Raytheon Military VAX Computer Models 810 & 860; Norden Systems: MilVAX II, IVAX 620 & 630; VAX RTA; KA620-BA; rtVAX 300, 1000, 3200, 3300, 3305, 3400, 3500, 3600, 3800, 8550, 8700, rtVAX 6000 Models 200, 300, & 400 Series and rtVAXstation 3100 Models 30 & 38 (under VAXELN Version 4.2, using VAXELN Ada Version 2.2)

* Compiler Vendor: Digital Equipment Corporation
Compiler Type: Derived
Validation Certificate #: 901109S1.11054 (BASE)
Compiler Name: VAX Ada, Version 2.3
Host: All VAX, MicroVAX, VAXstation, VAXserver series of computers (as supported) (under VMS Versions 5.4 & 5.5)
Target: VAX 4000, 6000, & 9000 series of computers; MicroVAX II, 2000, & 3000 series of computers; VAXstation II, 2000, 3000, & 4000 series of computers; VAXserver 3000, 4000, & 6000 series of computers; IVAX 620 & 630; KA620-BA, KA800-M, & KAV30 VME SBC; rtVAX 300, 1000, 3000, 4000, 8000, & 9000 series of computers; & rtVAXstation 3100 series of computers (under VAXELN Version 4.4, using VAXELN Ada Version 2.2)

* Compiler Vendor: Digital Equipment Corporation
Compiler Type: Base
Validation Certificate #: 911025S1.11226
Compiler Name: DEC Ada, Version 1.0
Host: DECstation 5000 Model 200 (under ULTRIX 4.2)
Target: Same as Host

* Compiler Vendor: Digital Equipment Corporation
Compiler Type: Derived
Validation Certificate #: 911025S1.11226 (BASE)
Compiler Name: DEC Ada, Version 1.0
Host: DEC DECstation 2100, 3100, & 5000, and DECsystem 5000, 5100, 5400, 5500, 5800, & 5900 series of computers (under ULTRIX Versions 4.0, 4.1, 4.2, & 4.2A)
Target: Any Host

* Compiler Vendor:	Digital Equipment Corporation
Compiler Type:	Derived
Validation Certificate #:	911025S1.11226 (BASE)
Compiler Name:	DEC Ada, Version 1.0
Host:	DECstation 2100, 3100, 3100s, 5000 Models 120/125, 120/125CX, 120/125PXG, 120/125PXG TURBO, 200, 200CX, 200PX, 200PXG, 200PXG TURBO; and DECsystem 3100, 5000 Model 200, 5100, 5400, 5500, 5810, 5820, 5830 & 5840 (under ULTRIX Versions 4.0, 4.1 & 4.2)
Target:	Any Host

* Compiler Vendor:	Digital Equipment Corporation
Compiler Type:	Derived
Validation Certificate #:	911025S1.11226 (BASE)
Compiler Name:	DEC Ada, Version 1.1
Host:	DECstation 2100, 3100, & 5000; and DECsystem 3100, 5000, 5100, 5400, 5500, 5810, 5820, 5840, & 5900 series of computers (under Ultrix Version 4.2)
Target:	Any Host

* Compiler Vendor:	Digital Equipment Corporation
Compiler Type:	Base
Validation Certificate #:	930319S1.11315
Compiler Name:	DEC Ada for OpenVMS AXP Systems, Version 3.0-5
Host:	DEC 3000 Model 400 (under OpenVMS AXP Operating System, Version 1.0)
Target:	Same as Host

* Compiler Vendor:	Digital Equipment Corporation
Compiler Type:	Derived
Validation Certificate #:	930319S1.11315 (BASE)
Compiler Name:	DEC Ada for OpenVMS AXP Systems, Version 3.0-5
Host:	DEC 3000 Workstation and Server models, 4000, 7000, & 10000 series of AXP computers (under OpenVMS Version 1.0)
Target:	Any Host

* Compiler Vendor:	Digital Equipment Corporation
Compiler Type:	Derived
Validation Certificate #:	930319S1.11315 (BASE)
Compiler Name:	DEC Ada for OpenVMS AXP Systems, Version 3.0A-7
Host:	DEC 2000 Server, 3000 Workstation and Server models, 4000, 7000, & 10000 series of AXP computers (as supported) (under OpenVMS AXP Operation System Version 1.5)
Target:	Any Host

* Compiler Vendor:	Digital Equipment Corporation
Compiler Type:	Base
Validation Certificate #:	930319S1.11316
Compiler Name:	DEC Ada for OpenVMS VAX Systems, Version 3.0-7
Host:	VAXstation 4000 Model 60 (under VMS Version 5.5)
Target:	Same as Host

* Compiler Vendor:	Digital Equipment Corporation
Compiler Type:	Derived
Validation Certificate #:	930319S1.11316 (BASE)
Compiler Name:	DEC Ada for OpenVMS AXP Systems, Version 3.0A-9
Host:	VAXft, VAX 4000, 6000, 8000, 9000, & 10000; MicroVAX II, 2000, & 3000; VAXstation II, 2000, 3000, 4000; VAXserver 3000, 4000, &6000; and VAX-11 series of computers (as supported) (under OpenVMS VAX Operating System Version 5.5)
Target:	Any Host

* Compiler Vendor:	Digital Equipment Corporation
Compiler Type:	Derived
Validation Certificate #:	930319S1.11316 (BASE)
Compiler Name:	DEC Ada for OpenVMS VAX Systems, Version 3.0-7
Host:	VAXft, VAX 4000, 6000, 8000, 9000, & 10000; MicroVAX II, 2000, & 3000; VAXstation II, 2000, 3000, 4000; VAXserver 3000, 4000, & 6000 series of computers (as supported) (under VMS Vers 5.4 & 5.5)
Target:	Any Host

* Compiler Vendor:	Digital Equipment Corporation
Compiler Type:	Base
Validation Certificate #:	930319S1.11317
Compiler Name:	DEC Ada for OpenVMS VAX Systems, Version 3.0-7
Host:	VAXstation 4000 Model 60 (under VMS Version 5.5)
Target:	VAXstation 3100 Model 48 (under VAXELN Version 4.4, using VAXELN Ada Version 2.2)

* Compiler Vendor:	Digital Equipment Corporation
Compiler Type:	Derived
Validation Certificate #:	930319S1.11317 (BASE)
Compiler Name:	DEC Ada for OpenVMS VAX Systems, Version 3.0-7
Host:	VAXft, VAX 4000, 6000, 8000, 9000, & 10000; MicroVAX II, 2000, & 3000; VAXstation II, 2000, 3000, 4000; VAXserver 3000, 4000, & 6000 series of computers (as supported) (under VMS Vers 5.4 & 5.5)
Target:	VAX 4000, 6000, & 9000; MicroVAX II, 2000, 3000; KA620-BA, KAV30 VME SBC, KA800-M; rtVAX 300, 1000, 3000, 4000, 6000, 9000, & rtVAXstation 3100; IVAX 620 & 630; VAXstation II, 2000, 3000, & 4000; VAXserver 3000, 4000, & 6000 series of computers (as supported) (under VAXELN Version 4.4, using VAXELN Ada Version 2.2)

* Compiler Vendor:	Digital Equipment Corporation
Compiler Type:	Base
Validation Certificate #:	931029S1.11330
Compiler Name:	DEC Ada for DEC OSF/1 AXP Systems, Version 3.1
Host:	DEC 3000 Model 400 (under DEC OSF/1, Version 1.3)
Target:	Same as Host

* Compiler Vendor:	Digital Equipment Corporation
Compiler Type:	Derived
Validation Certificate #:	931029S1.11330 (BASE)
Compiler Name:	DEC Ada for DEC OSF/1 AXP Systems, Version 3.1
Host:	DEC 2000 Sever, 3000 Workstation and Server models, 4000, 7000, & 10000 series of AXP computers (under DEC OSF/1 Version 1.3)
Target:	Any Host

* Compiler Vendor:	Digital Equipment Corporation
Compiler Type:	Base
Validation Certificate #:	940929S1.11378
Compiler Name:	DEC Ada for DEC OSF/1 AXP Systems, Version 3.2
Host:	DEC 2000 Server, 3000 Workstation and Server models, 4000, 7000, & 10000 series of AXP computers (under DEC OSF/1, Version 3.0 with patch OSFV30-010-1)
Target:	Any Host

* Compiler Vendor:	Digital Equipment Corporation
Compiler Type:	Derived
Validation Certificate #:	940929S1.11378 (BASE)
Compiler Name:	DEC Ada for DEC OSF/1 AXP Systems, Version 3.2
Host:	DEC 3000 Model 400 AXP Workstation (under DEC OSF/1, Version 3.0 with patch OSFV30-010-1)
Target:	Same as Host

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Compiler Vendor: Dowty Maritime Limited
Address: (now Ultra Electronics)
(see Ultra Electronics for POC information)
City:
State:
Zip Code:
Contact Name:
Phone:
E-mail:

* Compiler Vendor: Dowty Maritime
Compiler Type: Derived
Validation Certificate #: 910325I1.11139 (BASE)
Compiler Name: TeleGen2 Ada Cross Development System, Version 3.2 for VAX/VMS to 386
Host: DEC VAX-11, MicroVAX, VAXserver, VAXstation, VAXft; and VAX 4000, 6000, 7000, 8000, 9000, & 10000 series of computers (under VMS 5.5-2)
Target: All members of the Intel ISBC 386 & ISBC 486 model series (bare machines, using TeleAda-EXEC 3.2)

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Compiler Vendor: E-Systems, ECI Division
Address:
City:
State:
Zip Code:
Contact Name:
Phone:
E-mail:

* Compiler Vendor: E-Systems/ECI Division
Compiler Type: Base
Validation Certificate #: 901003W1.11039
Compiler Name: Tolerant Ada Development System, Version 6.0
Host: Tolerant Eternity (under TX, 5.4.0)
Target: Same as Host

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Compiler Vendor: EDS Defence Limited
Address: Pembroke House
Pembroke Broadway
Camberley
City: Surrey
State:
Zip Code: GU15 3XD UNITED KINGDOM
Contact Name: Ghanesh Narine
Phone: +44 276 686200
E-mail: (No e-mail address given)

* Compiler Vendor: EDS Defence Limited
Compiler Type: Derived
Validation Certificate #: 901007N1.11042 (BASE)
Compiler Name: XD Ada CPU32, Version 1.3-13
Host: MicroVAX 3100 (under VMS 6.0)
Target: Motorola M68332EVS Evaluation System (MC68332) CPU32, with 128K additional RAM and MC68881 fpu (bare machine)

* Compiler Vendor: EDS Defence Limited
Compiler Type: Derived
Validation Certificate #: 901007N1.11042 (BASE)
Compiler Name: XD Ada CPU32/MC68332, Version 1.3-15
Host: MicroVAX 3100 (under VMS 6.0)
Target: Motorola M68332EVS Evaluation System (MC68332) CPU32, with 128K additional RAM and MC68881 fpu (bare machine)

* Compiler Vendor: EDS Defence Limited
Compiler Type: Derived
Validation Certificate #: 901007N1.11042 (BASE)
Compiler Name: XD Ada CPU32/MC68332, Version 1.3-15
Host: MicroVAX 3100 (under VMS 6.0)
Target: Motorola M68332EVS Evaluation System (MC68332) CPU32, with 128K additional RAM and MC68881 fpu (bare machine)

* Compiler Vendor: EDS Defence Limited
Compiler Type: Derived
Validation Certificate #: 901007N1.11042 (BASE)
Compiler Name: XD Ada CPU32/MC68332, Version 1.3-15
Host: DECstation 3100 (under ULTRIX 3.1)
Target: Same as Host

* Compiler Vendor: EDS Defence Limited
Compiler Type: Derived
Validation Certificate #: 901007N1.11042 (BASE)
Compiler Name: XD Ada MC68020, Version 1.3-10
Host: MicroVAX 3100 (under VMS 6.0)
Target: Motorola MVME133XT board (68020/68882)

* Compiler Vendor: EDS Defence Limited
Compiler Type: Derived
Validation Certificate #: 901007N1.11042 (BASE)
Compiler Name: XD Ada MC68020/EFA, Version 1.3-28
Host: MicroVAX 3100 (under VMS 6.0)
Target: Motorola MVME135-1 board (68020/68881) (bare machine)

* Compiler Vendor: EDS Defence Limited
Compiler Type: Derived
Validation Certificate #: 910314N1.11134 (BASE)
Compiler Name: XD Ada MC68000, Version 1.3-12
Host: MicroVAX 3100 (under VMS 6.0)
Target: Motorola MC68000 on an MVME117-3FP MPU VME module using an MC68881 fpu (bare machine)

* Compiler Vendor: EDS Defence Limited
Compiler Type: Derived
Validation Certificate #: 910314N1.11134 (BASE)
Compiler Name: XD Ada MC68000/EFA, Version 1.3-27
Host: MicroVAX 3100 (under VMS 6.0)
Target: Motorola MC68000 on an MVME117-3FP MPU VME module using an MC68881 fpu (bare machine)

* Compiler Vendor: EDS Defence Limited
Compiler Type: Derived
Validation Certificate #: 910911N1.11199 (BASE)
Compiler Name: XD Ada MC68020/ARTX, Version 1.3-23
Host: MicroVAX 3100 (under VMS 6.0)
Target: Motorola MVME147S-1 (68030) (bare machine using the ARTX Real Time Executive)

* Compiler Vendor: EDS Defence Limited
Compiler Type: Derived
Validation Certificate #: 911128N1.11230 (BASE)
Compiler Name: XD Ada MC68040, Version1.3-37
Host: MicroVAX 3100 (under VMS 6.0)
Target: Motorola MVME167 MPU VMEmodule (68040) (bare machine)

* Compiler Vendor: EDS Defence Limited
Compiler Type: Derived
Validation Certificate #: 921112N1.11297 (BASE)
Compiler Name: XD Ada MC68040/ARTX, Version 1.3-24
Host: MicroVAX 3100 (under VMS 6.0)
Target: Motorola MVME167 (68040) (bare machine, using ARTX Real Time Executive)

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Compiler Vendor: EDS-Scicon
Address: U.S. Software Products Group
8 New England Executive Park
City: Burlington
State: MA
Zip Code: 01803
Contact Name: Alistair Wilson
Phone: (617) 273-3030, ext. 229
E-mail: (No e-mail address given)

* Compiler Vendor: EDS-Scicon
Compiler Type: Base
Validation Certificate #: 921112N1.11297
Compiler Name: XD Ada MC68040/ARTX, Version 1.2
Host: Local Area VAX Cluster (comprising VAXserver 3600, MicroVAX 2000 (2), & MicroVAX II machines) (under VMS 5.5)
Target: Motorola MVME167 (68040) (bare machine)

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Compiler Vendor: Encore Computer Corporation
Address: 6901 W. Sunrise Blvd.
City: Ft. Lauderdale
State: FL
Zip Code: 33313
Contact Name: Gary Beerman
Phone: (305) 587-2900, ext. 2360
E-mail: (No e-mail address given)

* Compiler Vendor: Encore Computer Corporation
Compiler Type: Base
Validation Certificate #: 910130W1.11114
Compiler Name: Parallel Ada Development System, Revision 1.0
Host: Encore 91 Series Model 91-0340 (under UMAX 3.0)
Target: Same as Host

* Compiler Vendor: Encore Computer Corporation
Compiler Type: Derived
Validation Certificate #: 910130W1.11114 (BASE)
Compiler Name: Parallel Ada Development System, Revision 1.0
Host: Encore 91 Series, all models (under UMAX 3.0)
Target: Any Host

* Compiler Vendor: Encore Computer Corporation
Compiler Type: Derived
Validation Certificate #: 910130W1.11114 (BASE)
Compiler Name: Parallel Ada Development System, Revision 2.0
Host: Encore 91, 93, & 94 Series, all models (under UMAX 3.0)
Target: Any Host

* Compiler Vendor: Encore Computer Corporation
Compiler Type: Derived
Validation Certificate #: 910130W1.11114 (BASE)
Compiler Name: Parallel Ada Development System, Revision 2.2.0
Host: Encore 91 Series, all models (under UMAX 3.0.X)
Target: Any Host

* Compiler Vendor: Encore Computer Corporation
Compiler Type: Derived
Validation Certificate #: 910130W1.11114 (BASE)
Compiler Name: Parallel Ada Development System, Revision 2.2.0
Host: Encore 93 Series, all models (under UMAX 3.1.X)
Target: Any Host

* Compiler Vendor: Encore Computer Corporation
Compiler Type: Derived
Validation Certificate #: 910130W1.11114 (BASE)
Compiler Name: Parallel Ada Development System, Revision 2.2.0
Host: Encore Infinity 90 Series, all models (under UMAX 3.0.X)
Target: Any Host

* Compiler Vendor: Encore Computer Corporation
Compiler Type: Derived
Validation Certificate #: 910130W1.11114 (BASE)
Compiler Name: Parallel Ada Development System, Revision 2.3.0
Host: Encore 91 Series, all models (under UMAX 3.0.X)
Target: Any Host

* Compiler Vendor: Encore Computer Corporation
Compiler Type: Derived
Validation Certificate #: 910130W1.11114 (BASE)
Compiler Name: Parallel Ada Development System, Revision 2.3.0
Host: Encore Infinity 90 Series, all mods (under UNMAX 3.0.X)
Target: Any Host

* Compiler Vendor: Encore Computer Corporation
Compiler Type: Derived
Validation Certificate #: 910130W1.11114 (BASE)
Compiler Name: Parallel Ada Development System, Revision 2.3.0
Host: Encore Infinity R/T series, all mods (under UMAX 3.0.X)
Target: Any Host

* Compiler Vendor: Encore Computer Corporation
Compiler Type: Base
Validation Certificate #: 910130W1.11115
Compiler Name: Parallel Ada Development System, Revision 1.0
Host: Encore 91 Series Model 91-0340 (under UMAX 3.0)
Target: Encore 91 Series Model 91-0430 (under uMPX 1.0)

* Compiler Vendor: Encore Computer Corporation
Compiler Type: Derived
Validation Certificate #: 910130W1.11115 (BASE)
Compiler Name: Parallel Ada Development System, Revision 1.0
Host: Encore 91 Series, all models (under UMAX 3.0)
Target: Encore 91 Series, all models (under microMPX 1.0)

* Compiler Vendor: Encore Computer Corporation
Compiler Type: Derived
Validation Certificate #: 910130W1.11115 (BASE)
Compiler Name: Parallel Ada Development System, Revision 2.0
Host: Encore 91 Series, all models (under UMAX 3.0)
Target: Encore 91 Series, all models (under microMPX 1.0 & microARTE 1.0)

* Compiler Vendor: Encore Computer Corporation
Compiler Type: Derived
Validation Certificate #: 910130W1.11115 (BASE)
Compiler Name: Parallel Ada Development System, Revision 2.2.0
Host: Encore 91 Series, all models (under UMAX 3.0.X)
Target: Any Host machine (under MicroARTE 1.2.0)

* Compiler Vendor: Encore Computer Corporation
Compiler Type: Derived
Validation Certificate #: 910130W1.11115 (BASE)
Compiler Name: Parallel Ada Development System, Revision 2.2.0
Host: Encore 93 Series, all models (under UMAX 3.1.X)
Target: Any Host machine (under MicroARTE 1.2.0)

* Compiler Vendor: Encore Computer Corporation
Compiler Type: Derived
Validation Certificate #: 910130W1.11115 (BASE)
Compiler Name: Parallel Ada Development System, Revision 2.3.0
Host: Encore Infinity R/T series, all mods (under UMAX 3.0.X)
Target: Any Host machine (under ARTE 2.0.0)

* Compiler Vendor: Encore Computer Corporation
Compiler Type: Derived
Validation Certificate #: 910130W1.11115 (BASE)
Compiler Name: Parallel Ada Development System, Revision 2.3.0
Host: Encore 91 Series, all models (under UMAX 3.0.X)
Target: Any Host machine (under ARTE Target Runtime 2.0.0)

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Compiler Vendor: Green Hills Software, Inc.
Address: Owned and Operated by Oasys
1 Cranberry Hill Street
City: Lexington
State: MA
Zip Code: 02173
Contact Name: Carol Prevost
Phone: (800) 500-2580
E-mail: SUPPORT@GHS.COM

* Compiler Vendor: Green Hills Software, Inc.
Compiler Type: Base
Validation Certificate #: 940223W1.11338
Compiler Name: Green Hills Optimizing Ada Compiler, Ver 1.8.7
Host: SPARCstation 10 (under SunOS, Release 4.1.3)
Target: Same as Host

* Compiler Vendor: Green Hills Software, Inc.
Compiler Type: Base
Validation Certificate #: 940223W1.11339
Compiler Name: Green Hills Optimizing Ada Compiler, Version 1.8.7
Host: SPARCstation 10 (under SunOS, Release 4.1.3)
Target: Force CPU-40 (68040) (bare machine using VxWorks, 5.1)

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Compiler Vendor: Green Valley Software
Address: Building 13 Wanmingyuan
Fuchengmenwai
City: Beijing 100037
State:
Zip Code: CHINA
Contact Name: Li Xin
Phone: (01) 8342706, 8313399-3406
E-mail: (No e-mail address given)

* Compiler Vendor: Green Valley Software
Compiler Type: Base
Validation Certificate #: 930927S1.11328
Compiler Name: C_Ada, Version 1.1
Host: ZENY 386 (under UNIX System V/386, Release 3.2)
Target: Same as Host

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Compiler Vendor: GSE Gesellschaft fur Software Engineering mbH
Address: Brabanter Strasse 4
City: 80805 Muchen
State:
Zip Code: GERMANY
Contact Name: Michael Meier-Schulz
Phone: +49-89 36008-213
E-mail: (No e-mail address given)

* Compiler Vendor: GSE Gesellschaft fur Software-Engineering mbH
Compiler Type: Base
Validation Certificate #: 910711W1.11180
Compiler Name: Meridian Ada, Version 4.1
Host: MIPS M/120 RISComputer (under UMIPS 4.51)
Target: Same as Host

* Compiler Vendor: GSE Gesellschaft fur Software-Engineering mbH
Compiler Type: Base
Validation Certificate #: 910711W1.11182
Compiler Name: Meridian Ada, Version 4.1
Host: IBM RISC System 6000/520 (under AIX Ver 3)
Target: Same as Host

* Compiler Vendor: GSE Gesellschaft fur Software-Engineering mbH
Compiler Type: Base
Validation Certificate #: 910711W1.11184
Compiler Name: Meridian Ada, Version 4.1
Host: HP 9000 Series 400 Model 400T (under HP-UX 7.03)
Target: Same as Host

* Compiler Vendor: GSE Gesellschaft fur Software-Engineering mbH
Compiler Type: Base
Validation Certificate #: 910711W1.11186
Compiler Name: Meridian Ada, Version 4.1
Host: Concurrent Computer Corporation M6000 Model 6450 (under RTU 5.0C)
Target: Same as Host

* Compiler Vendor: GSE Gesellschaft fur Software-Engineering mbH
Compiler Type: Base
Validation Certificate #: 910711W1.11187
Compiler Name: Meridian Ada, Version 4.1
Host: Concurrent Computer Corporation M8000 Model 8500 (under RTU 5.1A)
Target: Same as Host

* Compiler Vendor: GSE Gesellschaft fur Software-Engineering mbH
Compiler Type: Base
Validation Certificate #: 910711W1.11188
Compiler Name: Meridian Ada, Version 4.1
Host: Data General AViiON 400 Model 402 (under DG/UX 4.31)
Target: Same as Host

* Compiler Vendor: GSE Gesellschaft fur Software-Engineering mbH
Compiler Type: Base
Validation Certificate #: 910711W1.11190
Compiler Name: Meridian Ada, Version 4.1
Host: HP 9000 Series 700 Model 720 (under HP-UX 8.01)
Target: Same as Host

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Compiler Vendor: Harris Computer Systems Corporation
Address: 2101 W. Cypress Creek Road
City: Ft. Lauderdale
State: FL
Zip Code: 33309-1892
Contact Name: Jeff Hollensen
Phone: (305) 973-5427
E-mail: jeff.hollensen@mail.hcsc.com

* Compiler Vendor: Harris Computer Systems Corporation
Compiler Type: Base
Validation Certificate #: 900918W1.11028
Compiler Name: Harris Ada Compiler, Version 5.1
Host: Harris NH-4400 (under CX/UX 5.1)
Target: Same as Host

* Compiler Vendor: Harris Computer Systems Corporation
Compiler Type: Derived
Validation Certificate #: 900918W1.11028 (BASE)
Compiler Name: Harris Ada Compiler, Version 5.1
Host: Harris NH-4400 (under CX/UX 5.1, CX/RT 5.1, OR CX/SX 5.1)
Target: Any Host

* Compiler Vendor: Harris Computer Systems Corporation
Compiler Type: Derived
Validation Certificate #: 900918W1.11028 (BASE)
Compiler Name: Harris Ada Compiler, Version 5.1
Host: Harris NH-4400 (under CX/UX 5.2, CX/RT 5.2 & CX/SX 5.2)
Target: Same as Host

* Compiler Vendor: Harris Computer Systems Corporation
Compiler Type: Derived
Validation Certificate #: 900918W1.11028 (BASE)
Compiler Name: Harris Ada Compiler, Version 5.1.1
Host: Harris NH-4400 & NH-4800 (under CX/UX 5.3, CX/RT 5.3 & CX/SX 5.3)
Target: Any Host (using either Harris Ada Run-time System or ARMS Run-time System)

* Compiler Vendor: Harris Computer Systems Corporation
Compiler Type: Derived
Validation Certificate #: 900918W1.11028 (BASE)
Compiler Name: Harris Ada Compiler, Version 5.1.1
Host: NH-4400 & NH-4800 (under CX/UX 6.1, CX/RT 6.1, & CX/SX 6.1)
Target: Any Host (using either Harris Ada Run-time System or ARMS Run-time System)

* Compiler Vendor: Harris Computer Systems Corporation
Compiler Type: Derived
Validation Certificate #: 900918W1.11028 (BASE)
Compiler Name: Harris Ada Compiler, Version 5.1.1
Host: NH-4400, NH-4800, & NH-5800 (under CX/UX 6.2, CX/RT 6.2, & CX/SX 6.2)
Target: Any Host (using either Harris Ada Run-time System or ARMS Run-time System)

* Compiler Vendor: Harris Computer Systems Corporation
Compiler Type: Derived
Validation Certificate #: 900918W1.11028 (BASE)
Compiler Name: Harris Ada Compiler, Version 5.2
Host: Harris NH-4400, -4800, & -5800 (under CX/UX 6.2, CX/RT 6.2, & CX/SX 6.2)
Target: Harris NH-4400, NH-4800, & NH-5800 (Harris Ada runtime System & ARMS Runtime System)

* Compiler Vendor: Harris Computer Systems Corporation
Compiler Type: Derived
Validation Certificate #: 900918W1.11028 (BASE)
Compiler Name: Harris Ada Compiler, Version 6.2
Host: Harris NH-4400, NH-4800, & NH-5800 (under CX/UX 6.1, CX/RT 6.1, CX/SX 6.1, & CX/SX 6.2)
Target: Any Host (using either Harris Ada Run-time System or ARMS Run-time System)

* Compiler Vendor: Harris Computer Systems Corporation
Compiler Type: Derived
Validation Certificate #: 900918W1.11028 (BASE)
Compiler Name: Harris Ada Compiler, Version 6.2
Host: Harris NH-4400, NH-4800, & NH-5800 (under CX/UX 6.2 & CX/RT 6.2)
Target: Any Host (using either Harris Ada Run-time System or ARMS Run-time System)

* Compiler Vendor: Harris Computer Systems Corporation
Compiler Type: Derived
Validation Certificate #: 900918W1.11028 (BASE)
Compiler Name: Harris Ada Compiler, Version 7.1
Host: Harris NH-4400, NH-4800, & NH-5800 (under CX/UX 7.1 & CX/RT 7.1)
Target: Any Host (using either Harris Ada Run-time System or ARMS Run-time System)

* Compiler Vendor: Harris Computer Systems Corporation
Compiler Type: Derived
Validation Certificate #: 900918W1.11028 (BASE)
Compiler Name: Harris Ada Compiler, Version 7.1.1
Host: Harris NH-4400, NH-4800, & NH-5800 (under CX/UX 7.1 & CX/RT 7.1)
Target: Any Host (using either Harris Ada Run-time System or ARMS Run-time System)

* Compiler Vendor: Harris Computer Systems Corporation
Compiler Type: Base
Validation Certificate #: 900918W1.11029
Compiler Name: Harris Ada Compiler, Version 5.1
Host: Harris NH-3800 (under CX/UX 5.1)
Target: Same as Host

* Compiler Vendor: Harris Computer Systems Corporation
Compiler Type: Derived
Validation Certificate #: 900918W1.11029 (BASE)
Compiler Name: Harris Ada Compiler, Version 5.1
Host: Harris NH-1200, NH-3400 & NH-3800 (under CX/UX 5.1, CX/RT 5.1, OR CX/SX 5.1)
Target: Any Host

* Compiler Vendor: Harris Computer Systems Corporation
Compiler Type: Derived
Validation Certificate #: 900918W1.11029 (BASE)
Compiler Name: Harris Ada Compiler, Version 5.1
Host: NH-1200, NH-3400 & NH-3800 (under CX/UX 5.2, CX/RT 5.2 & CX/SX 5.2)
Target: Same as Host

* Compiler Vendor: Harris Computer Systems Corporation
Compiler Type: Derived
Validation Certificate #: 900918W1.11029 (BASE)
Compiler Name: Harris Ada Compiler, Version 5.1.1
Host: Harris NH-1200, NH-3400 & NH-3800 (under CX/UX 5.3, CX/RT 5.3 & CX/SX 5.3)
Target: Any Host

* Compiler Vendor: Harris Computer Systems Corporation
Compiler Type: Derived
Validation Certificate #: 900918W1.11029 (BASE)
Compiler Name: Harris Ada Compiler, Version 5.1.1
Host: Harris NH-1200, NH-3400, & NH-3800 (under CX/UX 6.1, CX/RT 6.1, & CX/SX 6.1)
Target: Any Host

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Compiler Vendor: Hewlett-Packard Company
Address: (Hewlett-Packard Ada products are now Alsys)
(see Alsys for POC information)
City:
State:
Zip Code:
Contact Name:
Phone:
E-mail:

* Compiler Vendor: Hewlett-Packard Company
Compiler Type: Base
Validation Certificate #: 901022W1.11049
Compiler Name: HP 9000 Series 300 Ada Compiler, Version 5.35
Host: HP 9000 Series 300 Model 370 (under HP-UX, Version A.07.00)
Target: Same as Host

* Compiler Vendor: Hewlett-Packard Company
Compiler Type: Derived
Validation Certificate #: 901022W1.11049 (BASE)
Compiler Name: HP 9000 Series 300 Ada Compiler, Version 5.35
Host: HP 9000 Series 300 & 400, all models (under HP-UX, Version A.B7.03)
Target: Any Host

* Compiler Vendor: Hewlett-Packard Company
Compiler Type: Derived
Validation Certificate #: 901022W1.11049 (BASE)
Compiler Name: HP 9000 Series 300 Ada Compiler, Version 5.35t
Host: HP 9000 Series 300 & 400, all Models (under HP-UX, Versions A.B7.00 (release 7.0), A.B7.03 (release 7.3), A.B7.05 (release 7.5) & A.B8.00 (release 8.0), as supported)
Target: Any Host from the same Series, under same OS Version

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Compiler Vendor: Hewlett-Packard Company
Address: (Hewlett-Packard Ada products are now Alsys)
(see Alsys for POC information)
City:
State:
Zip Code:
Contact Name:
Phone:
E-mail:

* Compiler Vendor: Hewlett-Packard Company, Apollo Systems Division
Compiler Type: Base
Validation Certificate #: 910411W1.11137
Compiler Name: Domain Ada, Version 6.0m
Host: DN4500 (under Domain/OS SR10.3)
Target: Same as Host

* Compiler Vendor: Hewlett-Packard Company, Apollo Systems Division
Compiler Type: Base
Validation Certificate #: 910411W1.11138
Compiler Name: Domain Ada, Version 6.0p
Host: DN10000 (under Domain/OS SR10.3.p)
Target: Same as Host

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Compiler Vendor: IBM Canada, Ltd.
Address: (IBM Canada Ada products are now OC Systems)
(see OC Systems for POC information)
City:
State:
Zip Code:
Contact Name:
Phone:
E-mail:

* Compiler Vendor: IBM Canada, Ltd.
Compiler Type: Base
Validation Certificate #: 901127W1.11085
Compiler Name: AIX Ada/6000 Release 2,
Preliminary Version Host: RISC System/6000 model 7013-530 (under AIX 3.1)
Target: Same as Host

* Compiler Vendor: IBM Canada, Ltd.
Compiler Type: Derived
Validation Certificate #: 901127W1.11085 (BASE)
Compiler Name: AIX Ada/6000 Release 2.0
Host: RISC System/6000 models 7013-320, -520, -530, -540, -550, -730 & -930 (under AIX 3.1)
Target: Any Host

* Compiler Vendor: IBM Canada, Ltd.
Compiler Type: Derived
Validation Certificate #: 901127W1.11085 (BASE)
Compiler Name: AIX Ada/6000 Release 2.2
Host: RISC System/6000 models 7013-320, -520, -530, -540, -550, -730, & -930 (under AIX 3.1 & 3.2)
Target: Any Host, running same AIX version as Host

* Compiler Vendor: IBM Canada, Ltd.
Compiler Type: Derived
Validation Certificate #: 910612W1.11168 (BASE)
Compiler Name: OCS Legacy Ada/370 VM, Version 2.0
Host: IBM 937x, 43xx, 308x, 3090, & ES/9000 processors (under VM/ESA 1.1, 1.1.1, & 2.1; VM/XA 2.1; VM/SP HPO 6.0)
Target: Same as Host

* Compiler Vendor: IBM Canada, Ltd.
Compiler Type: Derived
Validation Certificate #: 910612W1.11169 (BASE)
Compiler Name: OCS Legacy Ada/370 MVS, Version 2.0
Host: IBM 937x, 43xx, 308x, 3090, and ES/9000 processors (under MVS/ESA 3.1.0, 4.1.0, & 4.3.0; & MVS/SP XA 2.2)
Target: Same as Host

* Compiler Vendor: IBM Canada, Ltd.
Compiler Type: Base
Validation Certificate #: 920121W1.11234
Compiler Name: AIX Ada/6000 Internal
Development Version Host: RISC System/6000 model 7012-320 (under AIX 3.2)
Target: Same as Host

* Compiler Vendor: IBM Canada, Ltd.
Compiler Type: Derived
Validation Certificate #: 920121W1.11234 (BASE)
Compiler Name: AIX Ada/6000 Release 3.0
Host: RISC System/6000, all models (under AIX 3.2)
Target: Any Host

* Compiler Vendor: IBM Canada, Ltd.
Compiler Type: Derived
Validation Certificate #: 920121W1.11234 (BASE)
Compiler Name: OCS Legacy Ada/6000, Version 1.4
Host: IBM RS/6000 series (all models) (under AIX Ver 3.2)
Target: Same as Host

* Compiler Vendor: IBM Canada, Ltd.
Compiler Type: Base
Validation Certificate #: 921119W1.11299
Compiler Name: XL Ada/6000 Internal
Development Version Host: RISC System/6000, model 7013-520 (under AIX 3.2)
Target: Same as Host

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Compiler Vendor: IBM Corporation
Address: (IBM Ada products are now OC Systems)
(see OC Systems for POC information)
City:
State:
Zip Code:
Contact Name:
Phone:
E-mail:

* Compiler Vendor: IBM Corporation
Compiler Type: Base
Validation Certificate #: 901128W1.11091
Compiler Name: IBM Ada/370, Version 1.1.0
Host: IBM 3083 (under VM/SP HPO Release 5.0)
Target: Same as Host

* Compiler Vendor: IBM Corporation
Compiler Type: Derived
Validation Certificate #: 901128W1.11091 (BASE)
Compiler Name: IBM Ada/370, Version 1.1.0
Host: IBM 3084 (under VM/ESA Release 1.0 370 Feature)
Target: Same as Host

* Compiler Vendor: IBM Corporation
Compiler Type: Derived
Validation Certificate #: 901128W1.11091 (BASE)
Compiler Name: IBM Ada/370, Version 1.1.0
Host: IBM 3090 (under VM/ESA Release 1.0 ESA Feature)
Target: Same as Host

* Compiler Vendor: IBM Corporation
Compiler Type: Derived
Validation Certificate #: 901128W1.11091 (BASE)
Compiler Name: IBM Ada/370, Version 1.1.0
Host: IBM 3090 (under VM/SP Release 6.0 HPO 60)
Target: Same as Host

* Compiler Vendor: IBM Corporation
Compiler Type: Derived
Validation Certificate #: 901128W1.11091 (BASE)
Compiler Name: IBM Ada/370, Version 1.1.0
Host: IBM 3090 (under VM/XA Release 2.1)
Target: Same as Host

* Compiler Vendor: IBM Corporation
Compiler Type: Base
Validation Certificate #: 901128W1.11092
Compiler Name: IBM Ada/370, Version 1.1.0
Host: IBM 4381 (under MVS/XA Release 3.8)
Target: Same as Host

* Compiler Vendor: IBM Corporation
Compiler Type: Derived
Validation Certificate #: 901128W1.11092 (BASE)
Compiler Name: IBM Ada/370, Version 1.1.0
Host: IBM 3090 (under MVS/ESA Release 4.1)
Target: Same as Host

* Compiler Vendor: IBM Corporation
Compiler Type: Base
Validation Certificate #: 910612W1.11166
Compiler Name: IBM Ada/370, Version 1.2.0 (optimized)
Host: IBM 3083 (under VM/SP HPO Release 5.0)
Target: Same as Host

* Compiler Vendor: IBM Corporation
Compiler Type: Base
Validation Certificate #: 910612W1.11167
Compiler Name: IBM Ada/370, Version 1.2.0 (optimized)
Host: IBM 4381 (under MVS/ESA Release 3.1)
Target: Same as Host

* Compiler Vendor: IBM Corporation
Compiler Type: Base
Validation Certificate #: 910612W1.11168
Compiler Name: IBM Ada/370, Version 1.2.0 (unoptimized)
Host: IBM 3083 (under VM/SP HPO Release 5.0)
Target: Same as Host

* Compiler Vendor: IBM Corporation
Compiler Type: Derived
Validation Certificate #: 910612W1.11168 (BASE)
Compiler Name: IBM Ada/370, Version 1.2.0
Host: IBM 3084 (under VM/ESA 1.1.0 (370 Feature))
Target: IBM 937x, 43xx, 308x, 3090 & ES/9000 processors (under VM/ESA 1.1.0 (370 Feature))

* Compiler Vendor: IBM Corporation
Compiler Type: Derived
Validation Certificate #: 910612W1.11168 (BASE)
Compiler Name: IBM Ada/370, Version 1.2.0
Host: IBM 3090 (under VM/ESA 1.1.0 (ESA Feature))
Target: IBM 937x, 43xx, 308x, 3090 & ES/9000 processors (under VM/ESA 1.1.0 (ESA Feature))

* Compiler Vendor: IBM Corporation
Compiler Type: Derived
Validation Certificate #: 910612W1.11168 (BASE)
Compiler Name: IBM Ada/370, Version 1.2.0
Host: IBM 3090 (under VM/ESA 1.1.1)
Target: IBM 937x, 43xx, 308x, 3090 & ES/9000 processors (under VM/ESA 1.1.1)

* Compiler Vendor: IBM Corporation
Compiler Type: Derived
Validation Certificate #: 910612W1.11168 (BASE)
Compiler Name: IBM Ada/370, Version 1.2.0
Host: IBM 3090 (under VM/SP HPO 6.0)
Target: IBM 937x, 43xx, 308x, 3090 & ES/9000 processors (under VM/SP HPO 6.0)

* Compiler Vendor: IBM Corporation
Compiler Type: Derived
Validation Certificate #: 910612W1.11168 (BASE)
Compiler Name: IBM Ada/370, Version 1.2.0
Host: IBM 3090 (under VM/XA 2.1)
Target: IBM 937x, 43xx, 308x, 3090 & ES/9000 processors (under VM/XA 2.1)

* Compiler Vendor: IBM Corporation
Compiler Type: Derived
Validation Certificate #: 910612W1.11168 (BASE)
Compiler Name: IBM Ada/370, VM/CMS Ada Compiler, Version 1.4.0
Host: IBM 3084 (under VM/ESA 1.1.0(370 Feature)); IBM 3090 (under VM/ESA 1.1.0(ESA Feature), VM/ESA 1.1.1, VM/XA 2.1, & VM/SP HPO 5.0 & 6.0)
Target: IBM 937x, 43xx, 308x 8090, & ES/9000 processors (under same OS as Host)

* Compiler Vendor: IBM Corporation
Compiler Type: Base
Validation Certificate #: 910612W1.11169
Compiler Name: IBM Ada/370, Version 1.2.0 (unoptimized)
Host: IBM 4381 (under MVS/ESA Release 3.1)
Target: Same as Host

* Compiler Vendor: IBM Corporation
Compiler Type: Derived
Validation Certificate #: 910612W1.11169 (BASE)
Compiler Name: IBM Ada/370 MVS Compiler, Version 1.4.0
Host: IBM 3090 (under MVS/ESA 3.1.0, 4.1.0, & 4.2.0, & MVS/SP XA 2.2)
Target: IBM 937x, 43xx, 308x 8090, & ES/9000 processors (under same OS as Host)

* Compiler Vendor: IBM Corporation
Compiler Type: Derived
Validation Certificate #: 910612W1.11169 (BASE)
Compiler Name: IBM Ada/370, Version 1.2.0
Host: IBM 3090 (under MVS/ESA Release 4.1.0)
Target: IBM 937x, 43xx, 308x, 3090 & ES/9000 processors (MVS/ESA Release 4.1.0)

* Compiler Vendor: IBM Corporation
Compiler Type: Derived
Validation Certificate #: 910612W1.11169 (BASE)
Compiler Name: IBM Ada/370, Version 1.2.0
Host: IBM 3090 (under MVS/ESA Release 4.2.0)
Target: IBM 937x, 43xx, 308x, 3090 & ES/9000 processors (MVS/ESA Release 4.2.0)

* Compiler Vendor: IBM Corporation
Compiler Type: Derived
Validation Certificate #: 910612W1.11169 (BASE)
Compiler Name: IBM Ada/370, Version 1.3.0
Host: IBM 3090 (under MVS/ESA 4.1.0 & 4.2.0)
Target: IBM 937x, 43xx, 308x, 3090, & ES/9000 computers (under same OS as Host)

* Compiler Vendor: IBM Corporation
Compiler Type: Derived
Validation Certificate #: 910612W1.11169 (BASE)
Compiler Name: IBM Ada/370, Version 1.3.0
Host: IBM 4381 (under MVS/ESA 3.1.0)
Target: IBM 937x, 43xx, 308x, 3090, & ES/9000 computers (under same OS as Host)

* Compiler Vendor: IBM Corporation
Compiler Type: Derived
Validation Certificate #: 910612W1.11169 (BASE)
Compiler Name: IBM Ada/370, Versions 1.2.0 & 1.3.0
Host: IBM 3090 (under MVS/SP XA 2.2)
Target: IBM 937x, 43xx, 308x, 3090 & ES/9000 processors (under MVS/SP XA 2.2)

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Compiler Vendor: Intel Corporation
Address: Military Division
5000 W. Chandler Boulevard
MS: SP1-82
City: Chandler
State: AZ
Zip Code: 85226
Contact Name: Kevin Priest
Phone: (602) 554-2420
E-mail: kpriest@az.intel.com

* Compiler Vendor: Intel Corporation
Compiler Type: Base
Validation Certificate #: 920513W1.11255
Compiler Name: iPSC/860 Ada Release 6.1.0(E) UNIX System V/860, Release 4, Version 3, 312425-0001
Host: Intel i860 Station (under Unix System V/860, Ver 4)
Target: Intel iPSC/860 (under Ada-NX, Release 3.3.1)

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Compiler Vendor: Intermetrics, Inc.
Address: 733 Concord Avenue
City: Cambridge
State: MA
Zip Code: 02138
Contact Name: Bill Zimmerman
Phone: (617) 661-1840
E-mail: billz@inmet.com

* Compiler Vendor: Intermetrics, Inc.
Compiler Type: Base
Validation Certificate #: 910425W1.11141
Compiler Name: UTS Ada Compiler, Version 302.03
Host: IBM 3083 (under UTS 580 Release 1.2.3)
Target: Same as Host

* Compiler Vendor: Intermetrics, Inc.
Compiler Type: Base
Validation Certificate #: 910622W1.11170
Compiler Name: Intermetrics MVS Ada Compiler, Version 7.0
Host: Amdahl 5890/180E (under MVS/XA Release 2.2)
Target: Same as Host

* Compiler Vendor: Intermetrics, Inc.
Compiler Type: Derived
Validation Certificate #: 910622W1.11170 (BASE)
Compiler Name: Intermetrics MVS Ada Compiler, Version 8.1
Host: Amdahl 5890/180E (under MVS/XA Release 2.2)
Target: Same as Host

* Compiler Vendor: Intermetrics, Inc.
Compiler Type: Base
Validation Certificate #: 930901W1.11321
Compiler Name: RISCAE TRW RH32-targeted Ada Compiler, Ver 1.0
Host: VAXstation 4000 (under VMS 5.5)
Target: RISCAE TRW RH32 Simulator (bare machine simulation, executing on the Host)

* Compiler Vendor: Intermetrics, Inc.
Compiler Type: Base
Validation Certificate #: 930901W1.11322
Compiler Name: RISCAE Honeywell RH32-targeted Ada Compiler, Version 1.0
Host: VAXstation 4000 (under VMS 5.5)
Target: RISCAE Honeywell RH32 Simulator (bare machine simulation, executing on the Host)

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Compiler Vendor: International Computers Limited
Address: (now DESC Ltd.)
(see DESC Ltd. for POC information)
City:
State:
Zip Code:
Contact Name:
Phone:
E-mail:

* Compiler Vendor: International Computers Limited
Compiler Type: Base
Validation Certificate #: 911003N1.11222
Compiler Name: VME Ada Compiler, Version A3.00
Host: ICL Series 39 Level 80 (under VME with VMEB Environment Option Version SV291)
Target: Same as Host

* Compiler Vendor: International Computers Limited
Compiler Type: Base
Validation Certificate #: 921008N1.11293
Compiler Name: VME Ada Compiler, Version A3.10
Host: ICL Series 39 Level 80 (under VME with VMEB Environment Option Version SV292)
Target: Same as Host

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Compiler Vendor: Irvine Compiler Corporation
Address: 34 Executive Park, Suite 270
City: Irvine
State: CA
Zip Code: 92714
Contact Name: Joe Kolhi
Phone: (714) 250-1366, ext. 210
E-mail: info@irvine.com

* Compiler Vendor: Irvine Compiler Corporation
Compiler Type: Base
Validation Certificate #: 910510W1.11145
Compiler Name: ICC Ada, Version 7.0.0
Host: HP 9000 Model 720 (under HP-UX Release 8.01)
Target: Same as Host

* Compiler Vendor: Irvine Compiler Corporation
Compiler Type: Derived
Validation Certificate #: 910510W1.11145 (BASE)
Compiler Name: ICC Ada for HP 9000 Series 700/800, Ver 7.4
Host: HP 9000 Series 700 & 800, all Models (under HP-UX Version A.B8.05 (release 8.05))
Target: Any Host

* Compiler Vendor: Irvine Compiler Corporation
Compiler Type: Derived
Validation Certificate #: 910510W1.11145 (BASE)
Compiler Name: ICC Ada for HP 9000 Series 700/800, Ver 7.4
Host: HP 9000 Series 700 & 800, all models (under HP-UX Versions 8.0 & 9.0, all releases; and HP-UX BLS Version 8.0, all releases)
Target: Same as Host

* Compiler Vendor: Irvine Compiler Corporation
Compiler Type: Base
Validation Certificate #: 910510W1.11146
Compiler Name: ICC Ada, Version 7.0.0
Host: Sun 3/50 (under SunOS V4.0)
Target: Same as Host

* Compiler Vendor: Irvine Compiler Corporation
Compiler Type: Derived
Validation Certificate #: 910510W1.11146 (BASE)
Compiler Name: ICC Ada for Sun3, Version 7.4
Host: Sun Microsystems Sun-3 computer family (under SunOS 4.0 & 4.1)
Target: Any Host

* Compiler Vendor: Irvine Compiler Corporation
Compiler Type: Base
Validation Certificate #: 910510W1.11147
Compiler Name: ICC Ada, Version 7.0.0
Host: HP 9000 Model 400 (under HP-UX Release 7.03)
Target: Same as Host

* Compiler Vendor: Irvine Compiler Corporation
Compiler Type: Derived
Validation Certificate #: 910510W1.11147 (BASE)
Compiler Name: ICC Ada for HP 9000 Series 300/400, Version 7.4
Host: HP 9000 Series 300 & 400, all Models (under HP-UX Version A.B8.05 (release 8.05))
Target: Any Host

* Compiler Vendor: Irvine Compiler Corporation
Compiler Type: Base
Validation Certificate #: 910510W1.11148
Compiler Name: ICC Ada, Version 7.0.0
Host: VAXstation 3100 Model M38 (under VMS 5.3-1)
Target: Intel i80960MC (bare machine)

* Compiler Vendor: Irvine Compiler Corporation
Compiler Type: Derived
Validation Certificate #: 910510W1.11148 (BASE)
Compiler Name: ICC Ada for i960MC, Version 7.4
Host: Sun Microsystems Sun-4, SPARCstation, & SPARCserver computers, all models (under SunOS version 4.1.2 & Solaris version 1.0.1, all releases)
Target: Intel i960MC, with/without ICE960 on an Intel EXV80960MC board; any single-board computer using the i960 chip; & Intel i060 simulator, executing on the Host (bare machines)

* Compiler Vendor: Irvine Compiler Corporation
Compiler Type: Derived
Validation Certificate #: 910510W1.11148 (BASE)
Compiler Name: ICC Ada for i960MC, Version 7.4
Host: Sun Microsystems Sun-3 computers, all models (under SunOS version 4.1.2 & Solaris Version 1.0.1)
Target: Intel i960MC, with/without ICE960 on an Intel EXV80960MC board; any single-board computer using the i960 chip; & Intel i060 simulator, executing on the Host (bare machines)

* Compiler Vendor: Irvine Compiler Corporation
Compiler Type: Derived
Validation Certificate #: 910510W1.11148 (BASE)
Compiler Name: ICC Ada for i960MC, Version 7.4
Host: HP 9000 Series 700, all models (under HP-UX Version 8.0, all releases)
Target: Intel i960MC, with/without ICE960 on an Intel EXV80960MC board; any single-board computer using the i960 chip; & Intel i060 simulator, executing on the Host (bare machines)

* Compiler Vendor: Irvine Compiler Corporation
Compiler Type: Derived
Validation Certificate #: 910510W1.11148 (BASE)
Compiler Name: ICC Ada for i960MC, Version 7.4
Host: DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 4000, VAX 6000, VAX 8000, VAX 9000, & VAX 10000 series of computers (under VMS 5.4)
Target: Intel i960MC, with/without ICE960 on an Intel EXV80960MC board; any single-board computer using the i960 chip; & Intel i060 simulator, executing on the Host (bare machines)

* Compiler Vendor: Irvine Compiler Corporation
Compiler Type: Derived
Validation Certificate #: 910510W1.11148 (BASE)
Compiler Name: ICC Ada for i960MC, Version 7.4
Host: HP 9000 Series 300 & 400, all models (under HP-UX Version 8.0, all releases)
Target: Intel i960MC, with/without ICE960 on an Intel EXV80960MC board; any single-board computer using the i960 chip; & Intel i060 simulator, executing on the Host (bare machines)

* Compiler Vendor: Irvine Compiler Corporation
Compiler Type: Derived
Validation Certificate #: 910510W1.11148 (BASE)
Compiler Name: ICC Ada for i960XA, Version 7.5
Host: DEC VAX-11, MicroVAX, VAXserver, VAXstation, VAXft; and VAX 4000, 6000, 7000, 8000, 9000, & 10000 series of computers (under VMS 5.4)
Target: Intel i960XA, with/without ICE960 on an Intel EXV80960XA board; any single-board computer using the i960 chip; & Intel i960XA simulator, executing on the Host (bare machines)

* Compiler Vendor: Irvine Compiler Corporation
Compiler Type: Base
Validation Certificate #: 920520I1.11260
Compiler Name: ICC Ada, Version 7.4.0
Host: VAXstation 3100 Model M38 (under VMS V 5.3-1)
Target: Intel i960MX in Hughes DMV running in tagged mode (bare machine, using CHKSYS kernel Version 104)

* Compiler Vendor: Irvine Compiler Corporation
Compiler Type: Derived
Validation Certificate #: 920520I1.11260 (BASE)
Compiler Name: ICC Ada for i960MM and i960MX, Version 7.4
Host: Sun Microsystems Sun-4, SPARCstation, & SPARCserver computers, all models (under SunOS version 4.1.2 & Solaris version 1.0.1, all releases)
Target: Intel i960MM & i960MX with/without ICE960, on a TRONIX PI960MX-JXV JIAWG Execution Vehicle board; any single-board computer using the 960MM/MX superscalar chip; & Intel i060 simulator, executing on the Host (bare machine)

* Compiler Vendor: Irvine Compiler Corporation
Compiler Type: Derived
Validation Certificate #: 920520I1.11260 (BASE)
Compiler Name: ICC Ada for i960MM and i960MX, Version 7.4
Host: Sun Microsystems Sun-3 computers, all models (under SunOS version 4.1.2 & Solaris Version 1.0.1, all releases)
Target: Intel i960MM & i960MX with/without ICE960, on a TRONIX PI960MX-JXV JIAWG Execution Vehicle board; any single-board computer using the 960MM/MX superscalar chip; & Intel i060 simulator, executing on the Host (bare machine)

* Compiler Vendor: Irvine Compiler Corporation
Compiler Type: Derived
Validation Certificate #: 920520I1.11260 (BASE)
Compiler Name: ICC Ada for i960MM and i960MX, Version 7.4
Host: HP 9000 Series 700, all models (under HP-UX Version 8.0, all releases)
Target: Intel i960MM & i960MX with/without ICE960, on a TRONIX PI960MX-JXV JIAWG Execution Vehicle board; any single-board computer using the 960MM/MX superscalar chip; & Intel i060 simulator, executing on the Host (bare machine)

* Compiler Vendor: Irvine Compiler Corporation
Compiler Type: Derived
Validation Certificate #: 920520I1.11260 (BASE)
Compiler Name: ICC Ada for i960MM and i960MX, Version 7.4
Host: HP 9000 Series 300 & 400, all models (under HP-UX Version 8.0, all releases)
Target: Intel i960MM & i960MX with/without ICE960, on a TRONIX PI960MX-JXV JIAWG Execution Vehicle board; any single-board computer using the 960MM/MX superscalar chip; & Intel i060 simulator, executing on the Host (bare machine)

* Compiler Vendor: Irvine Compiler Corporation
Compiler Type: Derived
Validation Certificate #: 920520I1.11260 (BASE)
Compiler Name: ICC Ada for i960MX and i960MM, Version 7.4
Host: DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 4000, VAX 6000, VAX 8000, VAX 9000, & VAX 10000 Series of computers (under VMS 5.4)
Target: Intel i960MM & i960MX on a TRONIX PI960MX-JXV JIAWG Execution Vehicle board; any single-board computer using the 960MM/MX superscalar chip; & Intel i060 simulator, executing on the Host (bare machine)

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Compiler Vendor: Meridian Software Systems
Address: (Meridian Ada products are now Rational)
(see Rational for POC information)
City:
State:
Zip Code:
Contact Name:
Phone:
E-mail:

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Base
Validation Certificate #: 900909W1.11031
Compiler Name: Meridian Ada, Version 4.1
Host: Sun-3/260 (under SunOS, Version 4.1)
Target: Same as Host

* Compiler Vendor:	Meridian Software Systems, Inc.
Compiler Type:	Base
Validation Certificate #:	900909W1.11032
Compiler Name:	Meridian Ada, Version 4.1
Host:	Sun-4/110 (under SunOS, Version 4.1)
Target:	Same as Host

* Compiler Vendor:	Meridian Software Systems, Inc.
Compiler Type:	Derived
Validation Certificate #:	900909W1.11032 (BASE)
Compiler Name:	Meridian Ada, Version 4.1
Host:	Sun Microsystems Sun-4, SPARCserver & SPARCstation computer families (under SunOS Versions 4.1 & 4.1.1)
Target:	Any Host

* Compiler Vendor:	Meridian Software Systems, Inc.
Compiler Type:	Base
Validation Certificate #:	900909W1.11033
Compiler Name:	Meridian Ada, Version 4.1
Host:	DECstation 3100 (under Ultrix, Version 3.0)
Target:	Same as Host

* Compiler Vendor:	Meridian Software Systems, Inc.
Compiler Type:	Derived
Validation Certificate #:	900909W1.11033 (BASE)
Compiler Name:	Meridian Ada, Version 4.1
Host:	DECstation 2100, 3100 & 5000 (under Ultrix 3.0)
Target:	Any Host

* Compiler Vendor:	Meridian Software Systems, Inc.
Compiler Type:	Base
Validation Certificate #:	900909W1.11034
Compiler Name:	Meridian Ada, Version 4.1
Host:	IBM PS/2 Model 60 (with Floating-Point Co-Processor) (under IBM PC-DOS 3.30)
Target:	Same as Host

* Compiler Vendor:	Meridian Software Systems, Inc.
Compiler Type:	Derived
Validation Certificate #:	900909W1.11034 (BASE)
Compiler Name:	Meridian Ada, Version 4.1
Host:	Any Computer System comprising: cpu: any that executes the Intel 80286, 80386, or 80486 instruction set, fpu: Intel 80287, 80387, or equivalent, as appropriate, memory: 640 KByte RAM minimum, disk: 20 MByte hard drive, OS: IBM PC-DOS 3.30
Target:	Any Host

* Compiler Vendor:	Meridian Software Systems, Inc.
Compiler Type:	Derived
Validation Certificate #:	900909W1.11034 (BASE)
Compiler Name:	Meridian Ada, Version 4.1.1
Host:	Any Computer System Comprising: Cpu: any that executes the Intel 80286, 80386, or 80486 instruction set; Fpu: Intel 80287, 80387, or equivalent, as appropriate; Memory: 640 or greater KByte RAM; Disk: 20 MByte hard drive (under IBM PC-DOS 3.30)
Target:	Any Host

* Compiler Vendor:	Meridian Software Systems, Inc.
Compiler Type:	Derived
Validation Certificate #:	900909W1.11034 (BASE)
Compiler Name:	Meridian Ada, Version 4.1.4
Host:	Any Computer System Comprising: cpu: any that executes the Intel 80286, 80386, or 80486 instruction set; fpu: Intel 80287, 80387, or equivalent, as appropriate; memory: 640 KByte RAM; disk: 20 MByte hard drive (under IBM PC-DOS 3.30)
Target:	Any Host

* Compiler Vendor:	Meridian Software Systems, Inc.
Compiler Type:	Base
Validation Certificate #:	900909W1.11035
Compiler Name:	Meridian Ada, Version 4.1
Host:	IBM PS/2 Model 30 (with Floating-Point Co-Processor) (under IBM PC-DOS 3.30)
Target:	Same as Host

* Compiler Vendor:	Meridian Software Systems, Inc.
Compiler Type:	Derived
Validation Certificate #:	900909W1.11035 (BASE)
Compiler Name:	Meridian Ada, Version 4.1
Host:	Any Computer System comprising: cpu: any that executes the Intel 8086 instruction set, fpu: Intel 8087 or equivalent, as appropriate, memory: 640 KByte RAM minimum, disk: 20 MByte hard drive, OS: IBM PC-DOS 3.30
Target:	Any Host

* Compiler Vendor:	Meridian Software Systems, Inc.
Compiler Type:	Derived
Validation Certificate #:	900909W1.11035 (BASE)
Compiler Name:	Meridian Ada, Version 4.1.1
Host:	Any Computer System Comprising: Cpu: any that executes the Intel 8086 instruction set; Fpu: Intel 8087 or equivalent, as approp; Memory: 640 or greater KByte RAM; Disk: 20 MByte hard drive (under IBM PC-DOS 3.30)
Target:	Any Host

* Compiler Vendor:	Meridian Software Systems, Inc.
Compiler Type:	Derived
Validation Certificate #:	900909W1.11035 (BASE)
Compiler Name:	Meridian Ada, Version 4.1.4
Host:	Any Computer System Comprising: cpu: any that executes the Intel 8086 instruction set; fpu: Intel 8087 or equivalent, as approp; memory: 640 KByte RAM; disk: 20 MByte hard drive (under IBM PC-DOS 3.30)
Target:	Any Host

* Compiler Vendor:	Meridian Software Systems, Inc.
Compiler Type:	Base
Validation Certificate #:	900909W1.11036
Compiler Name:	Meridian Ada, Version 4.1
Host:	ITT XTRA/286 (with Floating-Point Co-Processor) (under MS-DOS 3.20/OS286)
Target:	Same as Host

* Compiler Vendor:	Meridian Software Systems, Inc.
Compiler Type:	Derived
Validation Certificate #:	900909W1.11036 (BASE)
Compiler Name:	Meridian Ada, Version 4.1
Host:	Any Computer System comprising: cpu: any that executes the Intel 80286, 80386, or 80486 instruction set, fpu: Intel 80287, 80387, or equivalent, as appropriate, memory: 1.5 MByte RAM minimum, disk: 20 MByte hard drive, OS: MS-DOS 3.20/OS286
Target:	Any Host

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Derived
Validation Certificate #: 900909W1.11036 (BASE)
Compiler Name: Meridian Ada, Version 4.1.1
Host: Any Computer System Comprising: Cpu: any that executes the Intel 80286, 80386, or 80486 instruction set; Fpu: Intel 80287, 80387, or equivalent, as appropriate; Memory: 1.5 or greater MByte RAM; Disk: 20 MByte hard drive (under MS-DOS 3.30/OS286)
Target: Any Host

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Derived
Validation Certificate #: 900909W1.11036 (BASE)
Compiler Name: Meridian Ada, Version 4.1.4
Host: Any Computer System Comprising: cpu: any that executes the Intel 80286, 80386, or 80486 instruction set; fpu: Intel 80287, 80387, or equivalent, as appropriate; memory: 1.5 MByte RAM; disk: 20 MByte hard drive (under MS-DOS 3.20/OS286)
Target: Any Host

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Base
Validation Certificate #: 900909W1.11037
Compiler Name: Meridian Ada, Version 4.1
Host: 80 Data 386/25 (under 386/ix 1.0.6)
Target: Same as Host

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Derived
Validation Certificate #: 900909W1.11037 (BASE)
Compiler Name: Meridian Ada, Version 4.1
Host: Sequent Symmetry 2000/40, /200, /400 & /700 (under DYNIX/ptx V1.2.0)
Target: Any Host

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Derived
Validation Certificate #: 900909W1.11037 (BASE)
Compiler Name: Meridian Ada, Version 4.1
Host: Any Computer System comprising: cpu: any that executes the Intel 80386 or 80486 instruction set, fpu: optional Intel 80387 or equivalent, for 80386 cpu, memory: 2 MByte RAM minimum, disk: 40 MByte hard drive, OS: SCO Unix 3.2 or Interactive 386/ix 1.0.6
Target: Any Host machine running the same OS

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Derived
Validation Certificate #: 900909W1.11037 (BASE)
Compiler Name: Meridian Ada, Version 4.1.1
Host: Any Computer System Comprising: Cpu: any that executes the Intel 80386 or 80486 instruction set; Fpu: Intel 80387 or equivalent, for 80386 cpu; Memory: 2 or greater MByte RAM; Disk: 40 MByte hard drive (under SCO Unix 3.2 or INTERACTIVE UNIX System V/386 Release 3.2)
Target: Any Host with the same OS

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Base
Validation Certificate #: 900909W1.11038
Compiler Name: Meridian Ada, Version 4.1
Host: Apple Macintosh II (under System 6.0.3)
Target: Same as Host

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Derived
Validation Certificate #: 900909W1.11038 (BASE)
Compiler Name: Meridian Ada, Version 4.1
Host: Apple Macintosh SE 30 (under System 6.0.3)
Target: Same as Host

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Base
Validation Certificate #: 901108W1.11060
Compiler Name: Meridian Ada, Version 4.1
Host: Apple Macintosh II (under A/UX 2.0)
Target: Same as Host

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Base
Validation Certificate #: 901108W1.11061
Compiler Name: Meridian Ada, Version 4.1
Host: Stardent Titan P3 (under Stardent/Unix 3.0)
Target: Same as Host

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Base
Validation Certificate #: 901108W1.11062
Compiler Name: Meridian Ada, Version 4.1
Host: MicroVAX 3100 (under Ultrix 3.1)
Target: Same as Host

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Base
Validation Certificate #: 901108W1.11063
Compiler Name: Meridian Ada, Version 4.1
Host: MicroVAX II (under VMS 5.2)
Target: Same as Host

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Base
Validation Certificate #: 911002W1.11218
Compiler Name: Meridian Ada, Version 4.1.1
Host: IBM PS/2 Model 80 (with Floating Point Co-Processor) (under IBM PC-DOS 3.30/OS386)
Target: Same as Host

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Derived
Validation Certificate #: 911002W1.11218 (BASE)
Compiler Name: Meridian Ada, Version 4.1.4
Host: Any Computer System Comprising: cpu: any that executes the Intel 80386 or 80486 instruction set; fpu: Intel 80387 or equivalent, as appropriate; memory: 1.5 MByte RAM; disk: 20 MByte hard drive (under IBM PC-DOS 3.30/OS386)
Target: Any Host

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Base
Validation Certificate #: 911002W1.11219
Compiler Name: Meridian Ada, Version 4.1
Host: NeXTstation (under System Release 2.0)
Target: Same as Host

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Base
Validation Certificate #: 911002W1.11220
Compiler Name: Meridian Ada, Version 4.1
Host: SGI PowerSeries 4D/310S (under IRIX Sys V 3.3.2)
Target: Mercury MC860 VM (under MC/OS, Version 2.0)

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Derived
Validation Certificate #: 911002W1.11220 (BASE)
Compiler Name: Meridian Ada, Version 4.1
Host: SGI PowerSeries 4D/310S (under IRIX Sys V 3.3.2)
Target: Mercury MC860VB & MC860VM (under MC/OS, Version 2.0)

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Derived
Validation Certificate #: 911002W1.11220 (BASE)
Compiler Name: Meridian Ada, Version 4.1
Host: SGI PowerSeries 4D/310S (under IRIX Sys V 3.3.2)
Target: Mercury MC860VS (under MC/OS, Version 2.VS)

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Base
Validation Certificate #: 911002W1.11221
Compiler Name: Meridian Ada, Version 4.1
Host: Sun-4/110 (under SunOS, Version 4.1)
Target: Mercury MC860 VM (under MC/OS, Version 2.0)

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Derived
Validation Certificate #: 911002W1.11221 (BASE)
Compiler Name: Meridian Ada, Version 4.1
Host: Sun Microsystems Sun-4/110, /150, /260 & /280; SPARCserver 330, 370, 390, 470 & 490; and SPARCstation 2, IPC & IPX (under SunOS Versions 4.1 & 4.1.1) and SPARCengine 1E (under SunOS Version 4.1e)
Target: Mercury MC860VB & MC860VM (under MC/OS, Version 2.0) and Mercury MC860VS (under MC/OS, Version 2.VS)

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Base
Validation Certificate #: 911216W1.11232
Compiler Name: Meridian Ada, Version 4.1
Host: Sequoia Series 400 (under Topix, Version 6.5)
Target: Same as Host

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Base
Validation Certificate #: 920915W1.11266
Compiler Name: Meridian Ada, Version 4.1.3
Host: Intergraph Interpro 2400 (under CLIX System 5, Rel 3.1)
Target: Same as Host

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Derived
Validation Certificate #: 920915W1.11266 (BASE)
Compiler Name: Meridian Ada, Version 4.1.3
Host: InterGraph InterPro Series C300- & C400-based models (under CLIX, System 5 Release 3.1)
Target: Any Host

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Base
Validation Certificate #: 920915W1.11267
Compiler Name: Meridian Ada, Version 4.1.3
Host: Essence 836 (under DOS 5.0, running Microsoft Windows 3.0)
Target: Same as Host

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Base
Validation Certificate #: 920915W1.11268
Compiler Name: Meridian Ada, Version 4.1.3
Host: BBN TC2000 (under nX 3.0.1)
Target: Same as Host

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Base
Validation Certificate #: 920915W1.11269
Compiler Name: Meridian Ada, Version 4.1.3
Host: BBN TC2000 (under nX 3.0.1)
Target: BBN TC2000 (under pSOS+/88k)

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Base
Validation Certificate #: 921202W1.11301
Compiler Name: Meridian Ada, Version 4.1.3
Host: HP 9000/827 (under HP-UX 8.02)
Target: Same as Host

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Base
Validation Certificate #: 930401W1.11313
Compiler Name: Meridian Ada, Version 4.1.3
Host: Motorola VME 167-68040 (under OS/9 68K, v2.4)
Target: Same as Host

* Compiler Vendor: Meridian Software Systems, Inc.
Compiler Type: Base
Validation Certificate #: 930401W1.11314
Compiler Name: Meridian Ada, Version 4.1.3
Host: Essence 486 (under MS-DOS 5.0)
Target: ADSP-21020 (bare machine)

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Compiler Vendor: MIPS Computer Software Systems
Address: (now Rational, DDC-I, & Green Hill Software)
(see Rational, DDC-I, & Green Hill Software)
City:
State:
Zip Code:
Contact Name:
Phone:
E-mail:

* Compiler Vendor: MIPS Computer Systems
Compiler Type: Base
Validation Certificate #: 900619W1.11010
Compiler Name: MIPS ASAPP, Version 3.0
Host: MIPS M/2000 (under RISC/os 4.50)
Target: R3200-6 CPU board (bare machine)

* Compiler Vendor: MIPS Computer Systems
Compiler Type: Base
Validation Certificate #: 900619W1.11011
Compiler Name: MIPS Ada, Version 3.0
Host: MIPS M/2000 (under RISC/os 4.50)
Target: Same as Host

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Compiler Vendor: Multiprocessor Toolsmiths, Inc.
Address: 302 Legget Drive, Suite 200
City: Kanata, Ontario
Zip Code: K2K 1Y5 CANADA
Contact Name: Kim Rowe
Phone: (613) 599-6565
E-mail: (No e-mail address given)

* Compiler Vendor: Multiprocessor Toolsmiths, Inc.
Compiler Type: Base
Validation Certificate #: 930722W1.11318
Compiler Name: CASEWorks/RT Ada for the Sun SPARCStation, Version 1.1
Host: Sun SPARCstation 10 (under SunOS 4.1.3)
Target: Same as Host

* Compiler Vendor: Multiprocessor Toolsmiths, Inc.
Compiler Type: Derived
Validation Certificate #: 930722W1.11318 (BASE)
Compiler Name: CASEWorks/RT Ada for the Sun SPARCStation, Version 1.1
Host: Sun Microsystems SPARCstation series (under SunOS 4.11, 4.1.2, & 4.1.3)
Target: Any Host

* Compiler Vendor: Multiprocessor Toolsmiths, Inc.
Compiler Type: Base
Validation Certificate #: 930722W1.11319
Compiler Name: CASEWorks/RT Ada MC680x0, Version 1.1
Host: Sun SPARCstation 10 (under SunOS 4.1.3)
Target: Motorola MVME147 (bare machine)

* Compiler Vendor: Multiprocessor Toolsmiths, Inc.
Compiler Type: Derived
Validation Certificate #: 930722W1.11319 (BASE)
Compiler Name: CASEWorks/RT Ada for the Sun SPARCStation, Version 1.1
Host: Sun Microsystems SPARCstation series (under SunOS 4.11, 4.1.2, & 4.1.3)
Target: Any MC68020-, MC68030-, & MC68040- based single-board computer (bare machine, using Unison 3.1)

* Compiler Vendor: Multiprocessor Toolsmiths, Inc.
Compiler Type: Base
Validation Certificate #: 930722W1.11320
Compiler Name: CASEWorks/RT Ada i860, Version 1.1
Host: Sun SPARCstation 2 (under SunOS 4.1.1)
Target: CSPI Supercard II (Intel 80860) with VSB daughterboard (bare machine)

* Compiler Vendor: Multiprocessor Toolsmiths, Inc.
Compiler Type: Derived
Validation Certificate #: 930722W1.11320 (BASE)
Compiler Name: CASEWorks/RT Ada i860, Version 1.1
Host: Sun Microsystems SPARCstation series (under SunOS 4.11, 4.1.2, & 4.1.3)
Target: CSPI Supercard 2 with VSB daughterboard, CSPI Supercard 3 with VSB daughterboard, CSPI Supercard 3XL with VSB daughterboard, & CSPI Supercard 4 with VSB daughterboard (bare machines, using Unison/pSOS+ 3.1)

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Compiler Vendor: NEC Corporation, Environment Systems Dept.
Address: Basic Software Laboratory
C&C Common Software Development Laboratory
Shibaura 2-11-5, Minato-ku
City: Tokyo 108
Zip Code: JAPAN
Contact Name: Shin-ichi Morimoto
Phone: +81-3-5476-1105
E-mail: morimoto@ccs.mt.nec.co.jp

* Compiler Vendor: NEC Corporation
Compiler Type: Base
Validation Certificate #: 910918S1.11216
Compiler Name: NEC Ada Compiler System for EWS-UX/V (Release 4.0), Version Release 2.1 (4.6)
Host: NEC EWS4800/220 (under EWS-UX/V (Release 4.0) R2.1)
Target: Same as Host

* Compiler Vendor: NEC Corporation
Compiler Type: Derived
Validation Certificate #: 910918S1.11216 (BASE)
Compiler Name: NEC Ada Compiler System, Release 4.1 (4.6.4)
Host: UP4800 Series models 520, 605, 620, 625, 630, & 635 (under UP-UX/V R4.1) EWS4800 Superstation RISC Series (all EWS RISC models, only) (under EWS-UX/V(R4.0) R6.2 & EWS-UX/V(R4.2) R7.1, as supported)
Target: Any Host

* Compiler Vendor: NEC Corporation
Compiler Type: Base
Validation Certificate #: 910918S1.11217
Compiler Name: NEC Ada Compiler System for EWS-UX/V to V70/RX-UX832, Version 1.0
Host: NEC EWS4800/60 (under EWS-UX/V R8.1)
Target: NEC MV4000 (under RX-UX832 V1.6)

* Compiler Vendor: NEC Corporation
Compiler Type: Derived
Validation Certificate #: 910918S1.11217 (BASE)
Compiler Name: NEC Ada Compiler System for EWS-UX/V (Release 4.0) to V70/RX-UX832, Version 1.0
Host: All RISC (MIPS R3000- & R4000-based) models of the EWS4800 series (under EWS-UX/V (4.0) R2.1)
Target: NEC MV4000 (under RX-UX832 V1.6)

* Compiler Vendor: NEC Corporation
Compiler Type: Derived
Validation Certificate #: 910918S1.11217 (BASE)
Compiler Name: NEC Ada Compiler System for EWS-UX/V (Release 4.0) to V70/RX-UX832 Version Release 4.1 (4.6.4)
Host: EWS4800 Superstation RISC Series (under EWS-UX/V(R4.0) R6.2)
Target: NEC MV4000 (under RX-UX832 V1.63)

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Compiler Vendor: North China Institute of Computing Technology
Address: Green Valley Software
Building 13 Wanmingyuan
Fuchengmenwai
City: Beijing 100037
State:
Zip Code: CHINA
Contact Name: Li Xin
Phone: (01) 8342706, 8313399-3406
E-mail: (No e-mail address given)

* Compiler Vendor: North China Institute of Computing Technology
Compiler Type: Base
Validation Certificate #: 910902N1.11198
Compiler Name: C_Ada, Version 1.0
Host: MicroVAX II (under ULTRIX 3.0)
Target: Same as Host

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Compiler Vendor: Proprietary Software Systems
Address: 429 Santa Monica Boulevard, Suite 430
City: Santa Monica
State: CA
Zip Code: 90401
Contact Name: Richard Gilinsky
Phone: (310) 394-5233
E-mail: CompuServe: 73374,2017

* Compiler Vendor: Proprietary Software Systems, Inc.
Compiler Type: Base
Validation Certificate #: 920423I1.11250
Compiler Name: PSS VAX/ZR34325 Compiler, Version XB-01.000
Host: VAX 8350 (under VMS Version 5.4)
Target: PSS Zoran ZR34325 Digital Signal Processor AdaRAID Version XK-01.000 (bare machine simulation, executing on the Host)

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Compiler Vendor: R.R. Software, Inc.
Address: P.O. Box 1512
City: Madison
State: WI
Zip Code: 53701
Contact Name: Ian Goldberg
Phone: (608) 251-3133
E-mail: RBrukardt@bix.com

* Compiler Vendor: R.R. Software, Inc.
Compiler Type: Base
Validation Certificate #: 901120W1.11088
Compiler Name: Janus/Ada 2.2.0 Phar Lap/DOS
Host: IBM PS/2 Model 80 (under Phar Lap/DOS 3.3)
Target: IBM PS/2 Model 80 (under MS DOS 3.3)

* Compiler Vendor: R.R. Software, Inc.
Compiler Type: Derived
Validation Certificate #: 901120W1.11088 (BASE)
Compiler Name: Janus/Ada 2.2.0 Phar Lap/DOS
Host: Any Computer System Comprising: cpu: Intel 80386, fpu: optional, memory: 4 MByte RAM, disk: 40 MByte hard drive (under Phar Lap/DOS 3.3)
Target: Any Computer System Comprising: cpu: Intel 80386, fpu: optional, memory: 4 MByte RAM, disk: 40 MByte hard drive (under MS-DOS 3.3)

* Compiler Vendor: R.R. Software, Inc.
Compiler Type: Derived
Validation Certificate #: 901120W1.11088 (BASE)
Compiler Name: Janus/Ada 2.2.1 DOS
Host: Any Computer System Comprising: cpu: any that executes Intel 8086/8088 instructions; fpu: optional; memory: 640 KByte RAM; disk: 20 MByte hard drive (under MS DOS 3.3)
Target: Same as Host

* Compiler Vendor: R.R. Software, Inc.
Compiler Type: Derived
Validation Certificate #: 901120W1.11088 (BASE)
Compiler Name: Janus/Ada 2.2.2 386 to DOS
Host: Any Computer System Comprising: cpu: any that executes the Intel 80386 instruction set; fpu: optional; memory: 2 MByte RAM; disk: 40 MByte hard drive (under Phar Lap/MS-DOS 3.3)
Target: Any Host (under MS-DOS 3.3)

* Compiler Vendor: R.R. Software, Inc.
Compiler Type: Derived
Validation Certificate #: 901120W1.11088 (BASE)
Compiler Name: Janus/Ada 2.2.2 DOS
Host: Any Computer System Comprising: cpu: any that executes the Intel 8086/8088 instruction set; fpu: optional; memory: 640 KByte RAM; disk: 20 MByte hard drive (under MS-DOS 3.3)
Target: Any Host

* Compiler Vendor: R.R. Software, Inc.
Compiler Type: Base
Validation Certificate #: 901129W1.11089
Compiler Name: Janus/Ada 2.2.0 UNIX
Host: Northgate 386/25 (under SCO Unix 3.2)
Target: Same as Host

* Compiler Vendor: R.R. Software, Inc.
Compiler Type: Derived
Validation Certificate #: 901129W1.11089 (BASE)
Compiler Name: Janus/Ada 2.2.0 UNIX
Host: Any Computer System Comprising: cpu: Intel 80386, fpu: optional, memory: 4 MByte RAM, disk: 60 MByte hard drive (under SCO Unix 3.2)
Target: Same as Host

* Compiler Vendor: R.R. Software, Inc.
Compiler Type: Derived
Validation Certificate #: 901129W1.11089 (BASE)
Compiler Name: Janus/Ada 2.2.2 UNIX
Host: Any Computer System Comprising: cpu: any that executes the Intel 80386 instruction set; fpu: optional; memory: 4 MByte RAM; disk: 40 MByte hard drive (under SCO Unix 3.2)
Target: Any Host

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Compiler Vendor: Rational Software Corporation
Address: 1600 NW Compton Drive, Suite 357
City: Aloha
State: OR
Zip Code: 97006
Contact Name: Sam Quiring
Phone: (503) 690-1116, ext. 6732
E-mail: shq@rational.com

* Compiler Vendor: Rational Software Corporation
Compiler Type: Derived
Validation Certificate #: 900909W1.11038 (BASE)
Compiler Name: Meridian Ada, Version 4.1.4
Host: Apple Macintosh II family of computers (under System 7.1)
Target: Any Host

* Compiler Vendor: Rational Software Corporation
Compiler Type: Base
Validation Certificate #: 901116W1.11081
Compiler Name: M68020/OS-2000Cross-DevelopmentFacility,Version 7
Host: R1000 Series 300 (under Rational Environment Version D_12_24_0)
Target: Phillips PG2100 (OS-2000 Release 2.0)

* Compiler Vendor: Rational Software Corporation
Compiler Type: Base
Validation Certificate #: 901116W1.11082
Compiler Name: M68020/UNIX Cross-Development Facility, Version 7
Host: R1000 Series 300 (under Rational Environment Version D_12_24_0)
Target: HP 9000 Model 370MH (under HP-UX Version 7.0)

* Compiler Vendor: Rational Software Corporation
Compiler Type: Base
Validation Certificate #: 901116W1.11083
Compiler Name: M68020/Bare Cross-Development Facility, Version 7
Host: R1000 Series 300 (under Rational Environment Version D_12_24_0)
Target: Motorola MVME135 (68020) (bare machine)

* Compiler Vendor: Rational Software Corporation
Compiler Type: Base
Validation Certificate #: 901116W1.11084
Compiler Name: Rational Environment, D_12_24_0
Host: R1000 Series 300 (under Rational Environment Version D_12_24_0)
Target: Same as Host

* Compiler Vendor: Rational Software Corporation
Compiler Type: Derived
Validation Certificate #: 910517W1.11152 (BASE)
Compiler Name: VADScross Sun-4 => GA040-1, Version 3.0
Host: Sun Microsystems Sun-4, SPARCstation, & SPARCserver computer family (under SunOS 4.13)
Target: General Atronics GA040-1 (MC68040-based single-board computer) (bare machine)

* Compiler Vendor: Rational Software Corporation
Compiler Type: Derived
Validation Certificate #: 910517W1.11157 (BASE)
Compiler Name: VADS 386/486, VAda-110-3737, Version 6.2
Host: Any computer that executes the Intel 80486 Instruction set (under Interactive UNIX System V/386 Release 3.2)
Target: Same as Host

* Compiler Vendor: Rational Software Corporation
Compiler Type: Derived
Validation Certificate #: 921004W1.11289 (BASE)
Compiler Name: Sun Microsystems SPARCompiler Ada, Version 2.1
Host: Sun Microsystems SPARCclassic, SPARCcluster, SPARCcenter, SPARCstation, SPARCserver, and SPARCsystem computer families (under Solaris 2.4)
Target: Any Host

* Compiler Vendor: Rational Software Corporation
Compiler Type: Derived
Validation Certificate #: 921004W1.11290 (BASE)
Compiler Name: Sun Microsystems iMPact Ada, Version 1.0
Host: Sun Microsystems SPARCclassic, SPARCcluster, SPARCcenter, SPARCstation, SPARCserver, and SPARCsystem computer families (under Solaris 2.4)
Target: Any Host

* Compiler Vendor: Rational Software Corporation
Compiler Type: Base
Validation Certificate #: 940608W1.11356
Compiler Name: Apex, Version 1.4.1
Host: SPARCstation 10/51 (under SunOS 4.1.3)
Target: Same as Host

* Compiler Vendor: Rational Software Corporation
Compiler Type: Base
Validation Certificate #: 940608W1.11357
Compiler Name: Apex, Version 1.4.1
Host: SPARCstation 10/51 (under Solaris 2.3)
Target: Same as Host

* Compiler Vendor: Rational Software Corporation
Compiler Type: Base
Validation Certificate #: 940608W1.11358
Compiler Name: Apex, Version 1.4.1
Host: RS/6000 model 350 (under AIX 3.2.5)
Target: Same as Host

* Compiler Vendor: Rational Software Corporation
Compiler Type: Base
Validation Certificate #: 940630W1.11359
Compiler Name: VADSself for DEC Alpha AXP OSF/1, Product #2100-01439, Version 6.2
Host: DEC 4000 Model 610 AXP (under OSF/1, Version 2.0)
Target: Same as Host

* Compiler Vendor: Rational Software Corporation
Compiler Type: Base
Validation Certificate #: 940630W1.11360
Compiler Name: VASDself for DEC Alpha AXP OSF/1, Product #2100-01439, Version 6.2
Host: DEC 3000 Model 500 AXP (under OSF/1, Version 1.3)
Target: Same as Host

* Compiler Vendor: Rational Software Corporation
Compiler Type: Base
Validation Certificate #: 940630W1.11361
Compiler Name: Silicon Graphics VADS, VAda-2100-00732, Version 6.2
Host: Silicon Graphics Challenge (4IP19 @ 100 MHz) (under IRIX 5.2)
Target: Same as Host

* Compiler Vendor: Rational Software Corporation
Compiler Type: Base
Validation Certificate #: 940630W1.11362
Compiler Name: VADScross IBM RISC System/6000 AIX 3.2.3 => MIPS R4000, Version 6.2
Host: Silicon Graphics Challenge (4IP19 @ 100 MHz) (under IRIX 5.2)
Target: SGI Indigo XS4000 (MIPS R4000), operating as a bare machine

* Compiler Vendor: Rational Software Corporation
Compiler Type: Base
Validation Certificate #: 940630W1.11363
Compiler Name: VADS PowerPC => PowerPC, Product #2100-01445, Version 6.2
Host: IBM RS/6000 Model 250 (under AIX 3.2.5)
Target: Motorola MVME1601 (PowerPC 601) (bare machine)

* Compiler Vendor: Rational Software Corporation
Compiler Type: Base
Validation Certificate #: 940630W1.11364
Compiler Name: VADS IBM RS/6000 => PowerPC, Product #2100-01445, Version 6.2
Host: IBM RS/6000 Model 530 (under AIX 3.2.5)
Target: Motorola MVME1601 (PowerPC 601) (bare machine)

* Compiler Vendor: Rational Software Corporation
Compiler Type: Base
Validation Certificate #: 940630W1.11365
Compiler Name: VADS PowerPC SELF, Product #2100-01443, Ver 6.2
Host: IBM RS/6000 Model 250 (under AIX 3.2.5)
Target: Same as Host

* Compiler Vendor: Rational Software Corporation
Compiler Type: Derived
Validation Certificate #: 940630W1.11365 (BASE)
Compiler Name: VADS PowerPC SELF, Product #2100-01443, Ver 6.2
Host: IBM RS/6000 Model 41T (under AIX 3.2.5)
Target: Same as Host

* Compiler Vendor: Rational Software Corporation
Compiler Type: Base
Validation Certificate #: 940630W1.11366
Compiler Name: DADScross Sun4 => MIPS R3000, Product #2100-01451, Version 6.2
Host: Sun SPARCstation 10 (under SunOS 4.1.3)
Target: Heurikon HKMIPS/V3500 (MIPS R3000) (bare machine)

* Compiler Vendor: Rational Software Corporation
Compiler Type: Base
Validation Certificate #: 940630W1.11367
Compiler Name: VADScross Sun4 Solaris 2.3 => MIPS R4000, Ver 6.2
Host: Sun SPARCstation 10/512 (under Solaris 2.3)
Target: SGI Indigo XS4000 (MIPS R4000) (operating as a bare machine)

* Compiler Vendor: Rational Software Corporation
Compiler Type: Base
Validation Certificate #: 940630W1.11368
Compiler Name: DADScross Sun4 => Paragon, Product #2100-01452, Version 6.2
Host: Sun SPARCstation 10 (under SunOS 4.1.3)
Target: Intel Paragon (under OSF/1, Release 1.1.4)

* Compiler Vendor: Rational Software Corporation
Compiler Type: Base
Validation Certificate #: 940630W1.11369
Compiler Name: VADS Sun4 => PowerPC, Product #2100-01444, Version 6.2
Host: Sun SPARCcenter 2000 (under Solaris 2.3)
Target: Motorola MVME1601 (PowerPC 601) (bare machine)

* Compiler Vendor: Rational Software Corporation
Compiler Type: Base
Validation Certificate #: 940630W1.11370
Compiler Name: VADS Sun4 => PowerPC Simulator, Product #2100-01455, Version 6.2
Host: Sun SPARCstation 2 (under SunOS 4.1.2)
Target: VADS PowerPC Instruction Set Simulator, executing on the Host (bare machine simulation)

* Compiler Vendor: Rational Software Corporation
Compiler Type: Derived
Validation Certificate #: 940630W1.11370 (BASE)
Compiler Name: VADS Sun4 => PowerPC Simulator, Product #2100-01908, Version 6.2
Host: Sun SPARCstation 2 (under SunOS 4.1.2)
Target: VADS PowerPC 603 Instruction Set Simulator, executing on the Host (bare machine simulation)

* Compiler Vendor: Rational Software Corporation
Compiler Type: Base
Validation Certificate #: 940630W1.11371
Compiler Name: VADS System V/88 Release 4, VAda-110-8383, Product #2100-00736, Version 6.2
Host: Motorola Series 900 Model 911 (M88110) (under UNIX System V, Release 4)
Target: Same as Host

* Compiler Vendor: Rational Software Corporation
Compiler Type: Base
Validation Certificate #: 940630W1.11372
Compiler Name: VADS System V/88 Release 4, VAda-110-8484, Product #2100-01464, Version 6.2
Host: DG AViiON G70592-A (88110) (under UNIX System V, Release 4)
Target: Same as Host

* Compiler Vendor: Rational Software Corporation
Compiler Type: Base
Validation Certificate #: 940630W1.11373
Compiler Name: VADS AT&T 3B2/600GR UNIX System V Release 4, Product #2100-01449, Version 6.2
Host: AT&T 3B2/600GR UNIX System V, Release 4, Product #2100-01449, Version 6.2)
Target: AT&T 3B2/600GR (under System V, Release 4.0)

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Compiler Vendor: Rockwell International Corporation
Address: Engineering Process and Support
MS: 124-323
400 Collins Road NE
City: Cedar Rapids
State: IA
Zip Code: 52498
Contact Name: Sally Olsen
Phone: (319) 395-1729
E-mail: sro@hobbes.cca.cr.rockwell.com

* Compiler Vendor: Rockwell International Corporation
Compiler Type: Base
Validation Certificate #: 910306W1.11129
Compiler Name: DDC-Based Ada/CAPS Compiler, Version 6.0
Host: VAX 8650 (under VMS, Version 5.3-1)
Target: CAPS/AAMP1 (bare machine)

* Compiler Vendor: Rockwell International Corporation
Compiler Type: Derived
Validation Certificate #: 910306W1.11129 (BASE)
Compiler Name: DDC-Based Ada/CAPS Compiler, Version 6.1
Host: DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers (under VMS Versions 5.3-1 & 5.4)
Target: CAPS/AAMP1 (bare machine)

* Compiler Vendor: Rockwell International Corporation
Compiler Type: Base
Validation Certificate #: 910306W1.11130
Compiler Name: DDC-Based Ada/CAPS Compiler, Version 6.0
Host: VAXstation 3100 Model 30 (under VMS 5.4)
Target: CAPS/AAMP2 (bare machine)

* Compiler Vendor: Rockwell International Corporation
Compiler Type: Derived
Validation Certificate #: 910306W1.11130 (BASE)
Compiler Name: DDC-Based Ada/CAPS Compiler, Version 6.1
Host: DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers (under VMS Versions 5.3-1 & 5.4)
Target: CAPS/AAMP2 (bare machine)

* Compiler Vendor: Rockwell International Corporation
Compiler Type: Derived
Validation Certificate #: 910306W1.11130 (BASE)
Compiler Name: DDC-Based Ada/CAPS Compiler, Version 6.3
Host: DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 4000, VAX 6000, VAX 8000, VAX 9000, & VAX 10000 series of computers (under VMS 5.5-2)
Target: CAPS/AAMP2 & CAPS/AAMP3 (bare machines)

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Compiler Vendor: SD-Scicon UK Ltd.
Address: (SD-Scicon Ada products now EDS-Scicon)
(see EDS-Scicon for POC information)
City:
State:
Zip Code:
Contact Name:
Phone:
E-mail:

* Compiler Vendor: SD-Scicon UK Ltd
Compiler Type: Base
Validation Certificate #: 901007N1.11042
Compiler Name: XD Ada MC68020, Version 1.2
Host: VAX Cluster (comprising VAXserver 3600, MicroVAX 2000 (2) & MicroVAX II machines) (under VMS V 5.3)
Target: Motorola MVME133XT board (MC68020) (bare machine)

* Compiler Vendor: SD-Scicon UK Ltd
Compiler Type: Derived
Validation Certificate #: 901007N1.11042 (BASE)
Compiler Name: XD Ada CPU32, Version 1.2
Host: VAX Cluster (comprising VAXserver 3600, MicroVAX 2000 (2), & MicroVAX II machines) (under VMS 5.4)
Target: Motorola M68340EVS Evaluation Sys CPU32 (bare machine)

* Compiler Vendor: SD-Scicon UK Ltd
Compiler Type: Derived
Validation Certificate #: 901007N1.11042 (BASE)
Compiler Name: XD Ada CPU32/MC68332, Version 1.2
Host: VAX Cluster (comprising VAXserver 3600, MicroVAX 2000 (2), & MicroVAX II machines) (under VMS 5.4)
Target: Motorola M68332EVS Evaluation System CPU32 (bare machine)

* Compiler Vendor: SD-Scicon UK Ltd
Compiler Type: Derived
Validation Certificate #: 901007N1.11042 (BASE)
Compiler Name: XD Ada MC68020 MVME135 & MVME147, Ver 1.2A
Host: VAX Cluster (comprising VAXserver 3600, MicroVAX 2000 (2) & MicroVAX II machines) (under VMS 5.4)
Target: Motorola MVME135-1 (MC68020) & MVME147S-1 (MC68030) boards (bare machines)

* Compiler Vendor: SD-Scicon UK Ltd
Compiler Type: Derived
Validation Certificate #: 901007N1.11042 (BASE)
Compiler Name: XD Ada MC68020, Version 1.2
Host: VAX Cluster (comprising VAXserver 3600, MicroVAX 2000 (2) & MicroVAX II machines) (under VMS 5.3)
Target: Motorola MVME135-1 board (MC68020) and Motorola MVME147S-1 board (MC68030) (bare machines)

* Compiler Vendor: SD-Scicon UK Ltd
Compiler Type: Derived
Validation Certificate #: 901007N1.11042 (BASE)
Compiler Name: XD Ada MC68020, Version 1.2A
Host: VAX Cluster (comprising VAXserver 3600, MicroVAX 2000 (2) & MicroVAX II machines) (under VMS 5.4)
Target: Motorola MVME133XT board (MC68020) (bare machine)

* Compiler Vendor: SD-Scicon UK Ltd
Compiler Type: Derived
Validation Certificate #: 901007N1.11042 (BASE)
Compiler Name: XD Ada MC68020/EFA, Version 1.2A
Host: VAX Cluster (comprising VAXserver 3600, MicroVAX 2000 (2) & MicroVAX II machines) (under VMS 5.4)
Target: Motorola MVME135-1 board (MC68020) (bare machine)

* Compiler Vendor: SD-Scicon UK Ltd
Compiler Type: Base
Validation Certificate #: 901214N1.11080
Compiler Name: XD Ada MIL-STD-1750A, Version 1.2
Host: Local Area VAX Cluster (comprising VAXserver 3600, MicroVAX 2000 (2) & MicroVAX II machines) (under VMS 5.3)
Target: Fairchild F9450 on a SBC-50 board (MIL-STD-1750A) (bare machine)

* Compiler Vendor: SD-Scicon UK Ltd
Compiler Type: Base
Validation Certificate #: 910314N1.11134
Compiler Name: XD Ada MC68000, Version 1.2
Host: Local Area VAX Cluster (comprising VAXserver 3600, MicroVAX 2000 (2) & MicroVAX II machines) (under VMS 5.4)
Target: Motorola MC68000 on MVME117-3FP board (bare machine)

* Compiler Vendor: SD-Scicon UK Ltd
Compiler Type: Derived
Validation Certificate #: 910314N1.11134 (BASE)
Compiler Name: XD Ada MC68000/EFA, Version 1.2
Host: Local Area VAX Cluster (comprising VAXserver 3600, MicroVAX 2000 (2) & MicroVAX II machines) (under VMS 5.4)
Target: Motorola MC68000 on MVME117-3FP board (bare machine)

* Compiler Vendor: SD-Scicon UK Ltd
Compiler Type: Base
Validation Certificate #: 910911N1.11199
Compiler Name: XD Ada MC68020/ARTX, Version T1.2
Host: Local Area VAX Cluster (comprising VAXserver 3600, MicroVAX 2000 (2) & MicroVAX II machines) (under VMS 5.4)
Target: Motorola MVME147S-1 (MC68030) (bare machine)

* Compiler Vendor: SD-Scicon UK Ltd
Compiler Type: Base
Validation Certificate #: 911128N1.11230
Compiler Name: XD Ada MC68040, Version 1.2
Host: Local Area VAX Cluster (comprising VAXserver 3600, MicroVAX 2000 (2) & MicroVAX II machines) (under VMS 5.4)
Target: Motorola MVME165 (MC68040) (bare machine)

* Compiler Vendor: SD-Scicon UK Ltd
Compiler Type: Derived
Validation Certificate #: 911128N1.11230 (BASE)
Compiler Name: XD Ada MC68040, Version 1.2
Host: Local Area VAX Cluster (comprising VAXserver 3600, MicroVAX 2000 (2), & MicroVAX II machines) (under VMS 5.5)
Target: Motorola MVME167 (68040) (bare machine)

* Compiler Vendor: SD-Scicon UK Ltd
Compiler Type: Derived
Validation Certificate #: 911128N1.11230 (BASE)
Compiler Name: XD Ada MC68040/FORCE CPU-40, Version 1.2
Host: Local Area VAX Cluster (comprising VAXserver 3600, MicroVAX 2000 (2), & MicroVAX II machines) (under VMS 5.5)
Target: FORCE CPU-40 (MC68040) (bare machine)

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Compiler Vendor: Siemens Nixdorf Informationssysteme AG
Address: PSW SW 33
Otto-Hahn-Ring 6
City: W-8000 Muenchen 83
State:
Zip Code: GERMANY
Contact Name: Klaus Engelke
Phone: +49 89 636 82549
E-mail: (No e-mail address given)

* Compiler Vendor: Siemens Nixdorf Informationssysteme AG
Compiler Type: Base
Validation Certificate #: 901119I1.11111
Compiler Name: SIEMENS NIXDORF BS2000 Ada Compiler, Ver 2.1
Host: SIEMENS NIXDORF 7.590G (under BS2000 V9.5)
Target: Same as Host

* Compiler Vendor: Siemens Nixdorf Informationssysteme AG
Compiler Type: Derived
Validation Certificate #: 901119I1.11111 (BASE)
Compiler Name: SIEMENS NIXDORF BS2000 Ada Compiler, Ver 2.1
Host: SIEMENS NIXDORF 7.530, 7.536, 7.541, 7.550, 7.551, 7.560, 7.561, 7.570, 7.571, 7.580 & 7.590; 7.500-C30, -C40, -H60, -H90 & -H120 (under BS2000 V9.5 & V10.0)
Target: Same as Host

* Compiler Vendor: Siemens Nixdorf Informationssysteme AG
Compiler Type: Base
Validation Certificate #: 910711W1.11181
Compiler Name: Ada (SINIX), Version 4.1
Host: Siemens Nixdorf WX200 (SINIX-ODT) (under SINIX-ODT V1.0)
Target: Same as Host

* Compiler Vendor: Siemens Nixdorf Informationssysteme AG
Compiler Type: Derived
Validation Certificate #: 910711W1.11181 (BASE)
Compiler Name: Ada (SINIX), Version 4.1
Host: Siemens Nixdorf WX200 (SINIX-ODT) (under SINIX-ODT V1.5)
Target: Same as Host

* Compiler Vendor: Siemens Nixdorf Informationssysteme AG
Compiler Type: Base
Validation Certificate #: 920325I1.11249
Compiler Name: Ada (SINIX), Version 4.1
Host: Siemens Nixdorf MX300i (under SINIX Version V5.41)
Target: Same as Host

* Compiler Vendor: Siemens Nixdorf Informationssysteme AG
Compiler Type: Derived
Validation Certificate #: 920325I1.11249 (BASE)
Compiler Name: Ada (SINIX), Version 4.1
Host: Siemens Nixdorf WX200 & MX500i (under SINIX Ver 5.41)
Target: Each Host, self targeted

* Compiler Vendor: Siemens Nixdorf Informationssysteme AG
Compiler Type: Derived
Validation Certificate #: 920325I1.11249 (BASE)
Compiler Name: Ada (SINIX), Version 4.1
Host: Siemens Nixdorf PC (under SINIX Version V5.41)
Target: Same as Host

* Compiler Vendor: Siemens Nixdorf Informationssysteme AG
Compiler Type: Base
Validation Certificate #: 920922I1.11276
Compiler Name: Ada (SINIX), Version 4.1
Host: Siemens Nixdorf RM600 (under SINIX Version V5.41)
Target: Same as Host

* Compiler Vendor: Siemens Nixdorf Informationssysteme AG
Compiler Type: Derived
Validation Certificate #: 920922I1.11276 (BASE)
Compiler Name: Ada (SINIX), Version 4.1
Host: Siemens Nixdorf RM400 (under SINIX Version V5.41)
Target: Same as Host

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Compiler Vendor: Silicon Graphics, Inc.
Address: 2011 North Shoreline Boulevard
City: Mountain View
State: CA
Zip Code: 94043
Contact Name: Dave McAllister
Phone: (415) 390-3238
E-mail: davemc@sgi.com

* Compiler Vendor: Silicon Graphics, Inc.
Compiler Type: Base
Validation Certificate #: 900703W1.11014
Compiler Name: 4D ADA, Version 3.0
Host: Iris-4D/380 (under IRIX Release 4D-3.3)
Target: Same as Host

* Compiler Vendor: Silicon Graphics, Inc.
Compiler Type: Base
Validation Certificate #: 900703W1.11015
Compiler Name: 4D ADA, Version 3.0
Host: Iris-4D/220S (under IRIX Release 4D-3.3)
Target: Same as Host

* Compiler Vendor: Silicon Graphics, Inc.
Compiler Type: Base
Validation Certificate #: 900703W1.11016
Compiler Name: 4D ADA, Version 3.0
Host: Iris-4D/25 (under IRIX Release 4D-3.3)
Target: Same as Host

* Compiler Vendor: Silicon Graphics, Inc.
Compiler Type: Base
Validation Certificate #: 910920W1.11203
Compiler Name: VADS SGI-Irix, SC4-ADA-4.0, Version 6.1
Host: SGI Indigo (under Irix V4.0)
Target: Same as Host

* Compiler Vendor: Silicon Graphics, Inc.
Compiler Type: Derived
Validation Certificate #: 910920W1.11203 (BASE)
Compiler Name: VADS SGI-Irix, SC4-ADA-4.0, Ver 6.1
Host: IRIS Indigo, Personal IRIS 4D, IRIS 4D series of computers (under Irix V4.0)
Target: Any Host

* Compiler Vendor: Silicon Graphics, Inc.
Compiler Type: Base
Validation Certificate #: 910920W1.11204
Compiler Name: VADS SGI-Irix, SC4-ADA-4.0, Version 6.1
Host: SGI 4D/440 (under Irix V3.3)
Target: Same as Host

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Compiler Vendor: SKY Computers, Inc.
Address: A Subsidiary of Analogic
27 Industrial Avenue
City: Chelmsford
State: MA
Zip Code: 01824
Contact Name: Richard Jaenicke
Phone: (800) 486-3400
E-mail: jaenicke@sky.com

* Compiler Vendor: SKY Computers, Inc.
Compiler Type: Base
Validation Certificate #: 910711W1.11183
Compiler Name: Meridian Ada, Version 4.1
Host: SGI Personal Iris W-4D25 (under Irix System V 3.3)
Target: SKYbolt 8116-V (under SKYbolt kernel version 2.33)

* Compiler Vendor: SKY Computers, Inc.
Compiler Type: Base
Validation Certificate #: 910711W1.11185
Compiler Name: Meridian Ada, Version 4.1
Host: SPARCstation 1 (under SunOS release 4.1)
Target: SKYstation 8117-P (under SKYstation kernel ver 2.33)

* Compiler Vendor: SKY Computers, Inc.
Compiler Type: Base
Validation Certificate #: 910711W1.11189
Compiler Name: Meridian Ada, Version 4.1
Host: SGI Personal Iris W-4D25 (under Irix System V 3.3)
Target: Same as Host

* Compiler Vendor: SKY Computers, Inc.
Compiler Type: Base
Validation Certificate #: 940803W1.11374
Compiler Name: SKYvec ADA, Release 3.6
Host: SPARCstation 10 Model 402 (under SunOS 4.1.3)
Target: SKYbolt Model 8146-V (under SKYmpxrt, Release 3.6)

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Compiler Vendor: Software Leverage, Inc.
Address: 411 Waverly Oaks Road
City: Waltham
State: MA
Zip Code: 02154-8414
Contact Name: Mike Gilbert
Phone: (617) 894-3399
E-mail: sales@sli.com

* Compiler Vendor: Software Leverage, Inc.
Compiler Type: Base
Validation Certificate #: 940411W1.11355
Compiler Name: Parallel-Leveraged Ada, Ver 6.1.0.2
Host: Sequent Symmetry S27 (under DYNIX/ptx, 1.2)
Target: Same as Host

* Compiler Vendor: Software Leverage, Inc.
Compiler Type: Derived
Validation Certificate #: 940411W1.11355 (BASE)
Compiler Name: Parallel-Leveraged Ada, Version 6.1.0.2
Host: Unisys U6000/7x & U6000/8x series, and Unisys Commercial Secure U6000/7x & U6000/8x ser, all mod (under DYNIX/ptx 1.2)
Target: Any Host

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Compiler Vendor: Stratus Computer, Inc.
Address: 55 Fairbanks Boulevard
City: Marlboro
State: MA
Zip Code: 01752-1298
Contact Name: Lisa Ludwig
Phone: (508) 460-2695
E-mail: lisa_ludwig@vos.stratus.com

* Compiler Vendor: Stratus Computer, Inc.
Compiler Type: Base
Validation Certificate #: 921015W1.11294
Compiler Name: Stratus Ada, Version 6.1
Host: Stratus XA/R20 (under FTX, 2.0.1)
Target: Same as Host

* Compiler Vendor: Stratus Computer, Inc.
Compiler Type: Derived
Validation Certificate #: 921015W1.11294 (BASE)
Compiler Name: Stratus Ada, Version 6.1.0.5
Host: Stratus XA/R series of computers (under FTX 2.3)
Target: Any Host

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Compiler Vendor: Sun Microsystems, Inc.
Address: Sun Pro, Inc.
2550 Garcia Avenue
MS: UMPK03-205
City: Mountain View
State: CA
Zip Code: 94043-1100
Contact Name: Carole Amos
Phone: (415) 688-9424, (415) 968-6396
E-mail: carole.amos@eng.sun.com

* Compiler Vendor: Sun Microsystems, Inc.
Compiler Type: Derived
Validation Certificate #: 900510W1.11006 (BASE)
Compiler Name: Sun Microsystems Sun Ada, SunOS, ADE-1.0-4-4-21, Version 1.0
Host: Sun Microsystems Sun-4, SPARCserver, & SPARCstationcomputerfamilies;SPARCserver600MP Series; & 4600MP-64 (under SunOS Version 4.2 releases 4.1 & 4.1.2, as supported)
Target: Any Host

* Compiler Vendor: Sun Microsystems, Inc.
Compiler Type: Derived
Validation Certificate #: 900510W1.11006 (BASE)
Compiler Name: Sun Microsystems Sun Ada, SunOS, ADE-1.1-4-4-21, Version 1.1
Host: Sun Microsystems Sun-4, SPARCserver, SPARCstation, & SPARCengine computer families; SPARCserver 600MP Series; & 4600MP-64 (under SunOS Version 4.2 rel 4.1.2)
Target: Any Host

* Compiler Vendor: Sun Microsystems, Inc.
Compiler Type: Derived
Validation Certificate #: 900510W1.11006 (BASE)
Compiler Name: Sun Microsystems Sun Ada, SunOS, ADE-1.1-4-4-21, Versions 1.0 & 1.1
Host: Sun Microsystems Sun-4, SPARCserver, & SPARCstation computer families (under SunOS 4.1.3)
Target: Any Host

* Compiler Vendor: Sun Microsystems, Inc.
Compiler Type: Derived
Validation Certificate #: 921004W1.11289 (BASE)
Compiler Name: Sun Microsystems SPARCompiler Ada, Version 2.1
Host: Sun-4, SPARCserver, & SPARCstation computer families (under Solaris 2.0, 2.1, 2.2, & 2.3)
Target: Any Host

* Compiler Vendor: Sun Microsystems, Inc.
Compiler Type: Derived
Validation Certificate #: 921004W1.11290 (BASE)
Compiler Name: Sun Microsystems SPARCworks iMPact Ada, Ver 1.0
Host: Sun-4, SPARCserver, & SPARCstation computer families (under Solaris 2.0, 2.1, 2.2, & 2.3)
Target: Any Host

- - - - - - - - - -

Compiler Vendor: Tartan, Inc.
Address: 300 Oxford Drive
City: Pittsburgh
State: PA
Zip Code: 15146
Contact Name: Wayne Lieberman
Phone: (412) 856-3600
E-mail: lieberman@tartan.com

* Compiler Vendor: Tartan, Inc.
Compiler Type: Base
Validation Certificate #: 901210I1.11121
Compiler Name: Tartan Ada VMS/C30, Version 4.0
Host: VAXstation 3100 (under VMS 5.2)
Target: Texas Instruments TMS320C30 Application Board (bare machine)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 901210I1.11121 (BASE)
Compiler Name: Tartan Ada VMS/C30, Version 4.1
Host: VAXstation 3100 (under VMS 5.2)
Target: Texas Instruments TMS320C30 Application Board (bare machine)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 901210I1.11121 (BASE)
Compiler Name: Tartan Ada VMS/C30, Version 4.1.1
Host: VAXstation 3100 (under VMS 5.2)
Target: Texas Instruments TMS320C30 Application Board, NAVY SEM-D Key Code ADSP (bare machines)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 901210I1.11121 (BASE)
Compiler Name: Tartan Ada VMS/C30/IPS, Ver 4.1.2
Host: VAXstation 3100 (under VMS 5.2)
Target: Texas Instruments TMS320C30 (bare machine)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 901210I1.11121 (BASE)
Compiler Name: Tartan Ada VMS/C3X, Version 4.3
Host: VAXstation 3100 (under VMS 5.5)
Target: Texas Instruments TMS320C30 Application Board, & Atlanta Signal Processors Elf TMS320C31 board (bare machines)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Base
Validation Certificate #: 901210I1.11122
Compiler Name: Tartan Ada Sun/960MC, Version 4.0
Host: Sun 3/60 (under SunOS Version 4.0.3)
Target: Intel ICE960/25 on an Intel EXV80960MC board (bare machine)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Base
Validation Certificate #: 901211I1.11118
Compiler Name: Tartan Ada Sun/Sun, Version 4.0
Host: Sun 3/60 (under SunOS Version 4.0.3)
Target: Same as Host

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 901211I1.11118 (BASE)
Compiler Name: Tartan Ada Sun/Sun, Version 4.1
Host: Sun 3/60 (under SunOS Version 4.0.3)
Target: Same as Host

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 901211I1.11118 (BASE)
Compiler Name: Tartan Ada Sun/Sun, Version 4.2
Host: Sun 3/60 (under SunOS Version 4.0.3)
Target: Same as Host

* Compiler Vendor: Tartan, Inc.
Compiler Type: Base
Validation Certificate #: 901212I1.11120
Compiler Name: Tartan Ada VMS/960MC, Version 4.0
Host: VAXstation 3100 (under VMS 5.2)
Target: Intel ICE960/25 on an Intel EXV80960MC board (bare machine)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 901212I1.11120 (BASE)
Compiler Name: Tartan Ada VMS/960MC, Version 4.1
Host: VAXstation 3100 (under VMS 5.2)
Target: Intel EXV80960MC board, & Intel ICE960/25 on an Intel EXV80960MC board (bare machines)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 901212I1.11120 (BASE)
Compiler Name: Tartan Ada VMS/960MC, Version 4.2.1
Host: VAXstation 3100 (under VMS 5.2)
Target: Intel EXV80960MC board (bare machine)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 901212I1.11120 (BASE)
Compiler Name: Tartan Ada VMS/960MC, Version 4.2.1
Host: VAXstation 3100 (under VMS 5.2)
Target: Intel ICE960/25 on an Intel EXV80960MC board (bare machine)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 901212I1.11120 (BASE)
Compiler Name: Tartan Ada VMS/960MC, Version 4.2.2
Host: VAXstation 3100 (under VMS 5.2)
Target: Intel EXV80960MC board (bare machine)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 901212I1.11120 (BASE)
Compiler Name: Tartan Ada VMS/960MC/PMRT, Version 4.3
Host: VAXstation 3100 (under VMS 5.5)
Target: Cyclone CVME962 board, Intel EXV80960MC board, & PI-960MX-JXV board (bare machines)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 901212I1.11120 (BASE)
Compiler Name: Tartan Ada VMS/960MC/SVMRT, Version 4.3
Host: VAXstation 3100 (under VMS 5.5)
Target: Cyclone CVME962 board, & Intel EXV80960MC board (bare machines)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Base
Validation Certificate #: 901212I1.11123
Compiler Name: Tartan Ada Sun/C30, Version 4.0
Host: Sun 3/50 (under SunOS Version 4.0.3)
Target: Texas Instruments TMS320C30 Application Board (bare machine)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 901212I1.11123 (BASE)
Compiler Name: Tartan Ada Sun/C30, Version 4.1.1
Host: Sun 3/50 (under SunOS Version 4.0.3)
Target: Texas Instruments TMS320C30 Application Board (bare machine)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Base
Validation Certificate #: 901213I1.11119
Compiler Name: Tartan Ada VMS/1750A, Version 4.0
Host: VAXstation 3200 (under VMS 5.2)
Target: Texas Instruments STL VHSIC 1750A (bare machine)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 901213I1.11119 (BASE)
Compiler Name: Tartan Ada VMS/1750A, Version 4.1
Host: VAXstation 3200 (under VMS 5.2)
Target: Texas Instruments STL VHSIC 1750A (bare machine)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 901213I1.11119 (BASE)
Compiler Name: Tartan Ada VMS/1750A, Version 4.3
Host: VAXstation 3100 (under VMS 5.5)
Target: Texas Instruments STL VHSIC 1750A, & Fairchild F9450 on an SBC-50 (MIL-STD-1750A) (bare machines)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Base
Validation Certificate #: 910613I1.11171
Compiler Name: Tartan Ada VMS/680X0, Version 4.1
Host: VAXstation 3100 (under VMS 5.2)
Target: Motorola MVME134 (MC68020) (bare machine)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 910613I1.11171 (BASE)
Compiler Name: Tartan Ada VMS/680X0, Version 4.1.1
Host: VAXstation 3100 (under VMS 5.2)
Target: Motorola MVME134 (MC68020), MVME143 (MC68030), & MVME165 (MC68040) (bare machines)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 910613I1.11171 (BASE)
Compiler Name: Tartan Ada VMS/680X0/IPS, Version 4.1.2
Host: VAXstation 3100 (under VMS 5.2)
Target: Motorola MVME134 (MC68020) (bare machine)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 910613I1.11171 (BASE)
Compiler Name: Tartan Ada VMS/68XXX, Version 4.3
Host: VAXstation 3100 (under VMS 5.5)
Target: Motorola MVME134 (68020), MVME143 (68030), MVME165 (68040), MC68332 (CPU32), & MC68340 (CPU32) (bare machine)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Base
Validation Certificate #: 920313I1.11244
Compiler Name: Tartan Ada SPARC C30, Version 4.2
Host: SPARCstation ELC (under SunOS version 4.1.1)
Target: Texas Instruments TMS320C30 Application Board (bare machine)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 920313I1.11244 (BASE)
Compiler Name: Tartan Ada SPARC C3X, Version 4.3
Host: SPARCstation ELC (under SunOS version 4.1.1)
Target: Texas Instruments TMS320C30 Application Board, & Atlanta Signal Processors Elf TMS320C31 board (bare machines)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Base
Validation Certificate #: 920313I1.11245
Compiler Name: Tartan Ada SPARC 1750A, Version 4.2
Host: SPARCstation ELC (under SunOS version 4.1.1)
Target: Fairchild F9450 on an SBC-50 board (MIL-STD-1750A) (bare machine)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 920313I1.11245 (BASE)
Compiler Name: Tartan Ada SPARC 1750A, Version 4.2.1
Host: SPARCstation ELC (under SunOS version 4.1.1)
Target: Fairchild F9450 on an SBC-50 board (bare machine)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 920313I1.11245 (BASE)
Compiler Name: Tartan Ada SPARC/1750A, Version 4.3
Host: SPARCstation ELC (under SunOS version 4.1.1)
Target: Texas Instruments STL VHSIC 1750A, & Fairchild F9450 on an SBC-50 (MIL-STD-1750A) (bare machines)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Base
Validation Certificate #: 920313I1.11246
Compiler Name: Tartan Ada SPARC 680X0, Version 4.2
Host: SPARCstation ELC (under SunOS version 4.1.1)
Target: Motorola MVME134 (MC68020) (bare machine)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 920313I1.11246 (BASE)
Compiler Name: Tartan Ada SPARC/68XXX, Version 4.3
Host: SPARCstation ELC (under SunOS version 4.1.1)
Target: Motorola MVME134 (68020), MVME143 (68030), MVME165 (68040), MC68332 (CPU32), & MC68340 (CPU32) (bare machines)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Base
Validation Certificate #: 920313I1.11247
Compiler Name: Tartan Ada SPARC 960mc, Version 4.2
Host: SPARCstation ELC (under SunOS version 4.1.1)
Target: Intel EXV80960MC board (bare machine)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 920313I1.11247 (BASE)
Compiler Name: Tartan Ada RS6000/960mc, Version 4.2.2
Host: IBM RISC System/6000 Model 320H (under AIX Version 3.2)
Target: Intel EXV80960MC board (bare machine)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 920313I1.11247 (BASE)
Compiler Name: Tartan Ada SPARC 960mc, Version 4.2.2
Host: SPARCstation ELC (under SunOS Version 4.1.1)
Target: Intel EXV80960MC board (bare machine)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 920313I1.11247 (BASE)
Compiler Name: Tartan Ada SPARC/960MC/PMRT, Version 4.3
Host: SPARCstation ELC (under SunOS version 4.1.1)
Target: Cyclone CVME962 board, Intel EXV80960MC board, & PI-960MX-JXV board (bare machines)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 920313I1.11247 (BASE)
Compiler Name: Tartan Ada SPARC/960MC/PMRT, Version 4.3.2
Host: SPARCstation ELC (under SunOS, Version 4.1.1)
Target: Intel 80960KB on an Intel EXV-960MC/EXV960 (Execution Vehicle) (bare machine)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 920313I1.11247 (BASE)
Compiler Name: Tartan Ada SPARC/960MC/SVMRT, Version 4.3
Host: SPARCstation ELC (under SunOS version 4.1.1)
Target: Cyclone CVME962 board, & Intel EXV80960MC board (bare machines)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Base
Validation Certificate #: 921030I1.11296
Compiler Name: Tartan Ada VMS/C40, Version 4.2.1
Host: VAXstation 4000 Model 60 (under VMS 5.5)
Target: Texas Instruments TMS320C40 Parallel Processing Development System (bare machine)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 921030I1.11296 (BASE)
Compiler Name: Tartan Ada SPARC/C40, Version 4.3
Host: SPARCstation ELC (under SunOS version 4.1.1)
Target: Texas Instruments TMS320C40 Parallel Develpment System (bare machine)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Derived
Validation Certificate #: 921030I1.11296 (BASE)
Compiler Name: Tartan Ada VMS/C40, Version 4.3
Host: VAXstation 3100 (under VMS 5.5)
Target: Texas Instruments TMS320C40 Parallel Develpment System (bare machine)

* Compiler Vendor: Tartan, Inc.
Compiler Type: Base
Validation Certificate #: 940221I1.11340
Compiler Name: TartanWorks Ada 68xxx, Version 4.3.1
Host: SPARCstation ELC (under SunOS version 4.3.1)
Target: Motorola MVME167 (68040) (bare machine, using VxWorks 5.1)

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Compiler Vendor: TeleSoft
Address: (TeleSoft Ada products are now Alsys)
(see Alsys for POC information)
City:
State:
Zip Code:
Contact Name:
Phone:
E-mail:

* Compiler Vendor: TeleSoft
Compiler Type: Base
Validation Certificate #: 900525I1.11012
Compiler Name: TeleGen2 Sun-3 Ada Development System, Ver 4.01
Host: Sun-3/280 (under Sun UNIX 4.2, Release 4.0.3)
Target: Same as Host

* Compiler Vendor: TeleSoft
Compiler Type: Base
Validation Certificate #: 901128W1.11090
Compiler Name: TeleGen2 Ada Host Development System, Version 4.1 for SPARCSystems
Host: Sun-4/280 (under Sun UNIX 4.2, Release 4.1)
Target: Same as Host

* Compiler Vendor: TeleSoft
Compiler Type: Derived
Validation Certificate #: 901128W1.11090 (BASE)
Compiler Name: TeleGen2 Ada Host Development System, Version 4.1 for SPARCSystems
Host: Solbourne Series 5 & 5E; and S4000 (under OS/MP 4.1)
Target: Any Host

* Compiler Vendor: TeleSoft
Compiler Type: Derived
Validation Certificate #: 901128W1.11090 (BASE)
Compiler Name: TeleGen2 Ada Host Development System, Version 4.1 for SPARCSystems
Host: Sun Microsystems Sun-4, SPARCserver, SPARCstation, & SPARCengine computer families (under SunOS 4.2, release 4.1)
Target: Any Host

* Compiler Vendor: TeleSoft
Compiler Type: Derived
Validation Certificate #: 901128W1.11090 (BASE)
Compiler Name: TeleGen2 Ada Host Development System, Version 4.1.1 for SPARCSystems
Host: Sun Microsystems Sun-4, SPARCserver, & SPARCstation computer families (under Solaris 2.1)
Target: Any Host

* Compiler Vendor: TeleSoft
Compiler Type: Base
Validation Certificate #: 910121I1.11124
Compiler Name: TeleGen2 Ada Cross Development System, Version 4.1 for VAX/VMS to 68K
Host: MicroVAX 3800 (under VAX/VMS Version 5.2)
Target: Motorola MVME133A-20 (MC68020) (bare machine)

* Compiler Vendor: TeleSoft
Compiler Type: Derived
Validation Certificate #: 910121I1.11124 (BASE)
Compiler Name: TeleGen2 Ada Cross Development System, Version 4.1 for VAX to 68K
Host: DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers (under VMS Versions 5.0, 5.1, 5.2, 5.3 & 5.4, as supported)
Target: Motorola board series MVME133*, MVME135*, MVME136* (MC68020); MVME141* & MVME147* (MC68030); and Force CPU-30, CPU-31, CPU-32, & CPU-37 (bare machines)

* Compiler Vendor: TeleSoft
Compiler Type: Derived
Validation Certificate #: 910121I1.11124 (BASE)
Compiler Name: TeleGen2 Ada Cross Development System, Version 4.1 for VAX/VMS to 68K
Host: DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers (as supported) (under VMS Versions 5.0, 5.1, 5.2, 5.3 & 5.4)
Target: Motorola MVME165* & MVME167* (68040) board families (bare machines)

* Compiler Vendor: TeleSoft
Compiler Type: Derived
Validation Certificate #: 910121I1.11124 (BASE)
Compiler Name: TeleSoft TRIAD System, Version 4.1 for VAX/VMS to 68K
Host: DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers (under VMS Versions 5.0, 5.1, 5.2, 5.3 & 5.4, as supported)
Target: Motorola board series MVME147* (MC68030) (bare machines, using TeleAda-Exec)

* Compiler Vendor:	TeleSoft
Compiler Type:	Base
Validation Certificate #:	910123I1.11125
Compiler Name:	TeleGen2 Ada Cross Development System, Version 4.1 for VAX/VMS to MIPS
Host:	MicroVAX 3800 (under VAX/VMS Version 5.2)
Target:	Integrated Device Technology IDT7RS301 System (R3000/R3010) (bare machine)

* Compiler Vendor:	TeleSoft
Compiler Type:	Base
Validation Certificate #:	910125I1.11126
Compiler Name:	TeleGen2 Ada Cross Development System, Version 4.1 for SUN-3 to 68K
Host:	Sun-3/480 (under Sun UNIX, Release 4.1)
Target:	Motorola MVME135-1 (MC68020) (bare machine)

* Compiler Vendor:	TeleSoft
Compiler Type:	Base
Validation Certificate #:	910325I1.11139
Compiler Name:	TeleGen2 Ada Cross Development System, Version 3.1 for VAX/VMS to 386
Host:	VAX 6210 (under VMS 5.3)
Target:	Intel iSBC 386-120 (80386/387) (bare machine, using TeleAda-EXEC 1.0)

* Compiler Vendor:	TeleSoft
Compiler Type:	Derived
Validation Certificate #:	910325I1.11139 (BASE)
Compiler Name:	TeleGen2 Ada Cross Development System, Version 3.1
Host:	VAX 4000-300 (under VMS 5.4-3)
Target:	Intel iSBC 486/133SE board (bare machine, using TeleAda-EXEC 1.0)

* Compiler Vendor:	TeleSoft
Compiler Type:	Base
Validation Certificate #:	910325I1.11140
Compiler Name:	TeleGen2 Ada Cross Development System, Version 3.1 for SPARC to 68K
Host:	Sun-4/60 (under SunOS 4.1)
Target:	Motorola MVME147 (68030) (bare machine, using TeleAda-EXEC 1.0)

* Compiler Vendor:	TeleSoft
Compiler Type:	Derived
Validation Certificate #:	910325I1.11140 (BASE)
Compiler Name:	TeleGen2 Ada Cross Development System, Version 4.1 for SPARC to 68K
Host:	Sun Microsystems Sun-4, SPARCserver & SPARCstation computer families (under SunOS 4.1)
Target:	Motorola MVME133*, MVME135*, MVME136* (68020); MVME141* & MVME147* (68030); and MVME165* & MVME167* (68040) board fam (bare machines, optionally using TeleAda-EXEC 2.0)

* Compiler Vendor:	TeleSoft
Compiler Type:	Base
Validation Certificate #:	910721I1.11194
Compiler Name:	TeleGen2 Ada Host Development System, Version 4.1 for MacII Systems
Host:	Apple Macintosh IIfx (under A/UX 2.0)
Target:	Same as Host

* Compiler Vendor:	TeleSoft
Compiler Type:	Derived
Validation Certificate #:	910721I1.11194 (BASE)
Compiler Name:	TeleGen2 Ada Host Development System, Version 4.1 for MacII Systems
Host:	Apple Macintosh II family, & SE/30 (under A/UX Rel 2.0)
Target:	Any Host

* Compiler Vendor:	TeleSoft
Compiler Type:	Base
Validation Certificate #:	911028I1.11229
Compiler Name:	TeleGen2 Ada Development System, Version 3.25 for VAX to 1750A
Host:	MicroVAX 3800 (under VMS Version 5.4)
Target:	MIL-STD-1750A ECSPO ITS RAID Simulator, Version 6.0 (bare machine simulation, executing on the Host)

* Compiler Vendor:	TeleSoft
Compiler Type:	Base
Validation Certificate #:	911213I1.11235
Compiler Name:	TeleGen2 Ada Compilation System, Version 4.1 for VAX to 80960
Host:	MicroVAX 3800 (under VMS Version 5.4)
Target:	Intel EXV 960 MC-MIL (i960 XA) (bare machine, using Hughes O.S. Ada RTS interface)

* Compiler Vendor:	TeleSoft
Compiler Type:	Base
Validation Certificate #:	921029I1.11295
Compiler Name:	TeleGen2 Ada Cross Development System, Version 4.1.1 for SUN-4 to eMIPS
Host:	Sun-4/690 (under SunOS Release 4.1.2)
Target:	Integrated Device Technology IDT7RS301 System (R3000/R3010) (bare machine)

* Compiler Vendor:	TeleSoft
Compiler Type:	Base
Validation Certificate #:	921218I1.11303
Compiler Name:	TeleGen2(tm) Ada Cross Development System, Version 4.1.1 for Sun-4 to i960
Host:	Sun-4/690 (under SunOS Release 4.1.2)
Target:	CVME962 System (i960XA board with MC Processor) (bare machine)

* Compiler Vendor:	TeleSoft
Compiler Type:	Base
Validation Certificate #:	921218I1.11304
Compiler Name:	TeleGen2(tm) Ada Cross Development System, Version 4.1c for Sun-4 to e68k
Host:	Sun-4/690 (under SunOS Release 4.1.2)
Target:	Motorola MVME147S-1 (68030/68882) (bare machine)

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Compiler Vendor:	Texas Instruments
Address:	6600 Chase Oaks Boulevard MS: 8489
City:	Plano
State:	TX
Zip Code:	75023
Contact Name:	Dave Struble
Phone:	(214) 575-5346
E-mail:	struble@mcopn.dseg.ti.com

* Compiler Vendor:	Texas Instruments
Compiler Type:	Base
Validation Certificate #:	901030W1.11052
Compiler Name:	MIPS-Ada, Version 3.0
Host:	MIPS M/2000 (under RISC/os 4.02)
Target:	TI DP32 R3000 Processor (bare machine, using TI DP32 RTE Version 1.0)

* Compiler Vendor:	Texas Instruments
Compiler Type:	Base
Validation Certificate #:	910403W1.11135
Compiler Name:	TI Ada, Version 1.0
Host:	MicroVAX 3400 (under VMS 5.3-1)
Target:	TI DP32 R3000 Processor (bare machine, using TI Executive and Runtime Services (EARS) Version 1.0)

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Compiler Vendor:	TISOFT, Inc.
Address:	10521 Rosshave Street, Suite 200
City:	Fairfax
State:	VA
Zip Code:	22030
Contact Name:	David Hicks
E-mail:	(No e-mail address given)

* Compiler Vendor:	TISOFT, Inc.
Compiler Type:	Base
Validation Certificate #:	941012S1.11379
Compiler Name:	Green Hills Optimizing Ada Compiler, Version 1.8.7 with Patch ID 1
Host:	Compaq Proliant 2000 Model 5/66 (under SCO UNIX, Release 3.2, Version 4.2)
Target:	Same as Host

* Compiler Vendor:	TISOFT, Inc.
Compiler Type:	Derived
Validation Certificate #:	941012S1.11379 (BASE)
Compiler Name:	Green Hills Optimizing Ada Compiler, Version 1.8.7 with Patch ID 1
Host:	Compaq Proliant 1000 & 2000 Series Servers using Intel 486DX2/66, Pentium/66, & Pentium/90 processors (under SCO UNIX, Release 3.2, Version 4.2, with/without SCO MPX Multi-Processor Extension, Release 3.0))
Target:	Any Host

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Compiler Vendor:	TLD Systems, Ltd.
Address:	3625 Del Amo Boulevard, Suite 100
City:	Torrance
State:	CA
Zip Code:	90503
Contact Name:	Terry Dunbar
Phone:	(310) 542-5433
E-mail:	tld_ptr@cerf.net

* Compiler Vendor:	TLD Systems, Ltd.
Compiler Type:	Base
Validation Certificate #:	920319W1.11237
Compiler Name:	TLD Sun-4/MIL-STD-1750A Ada Compiler System, Version 2.9.0
Host:	Sun-4/75 (under SunOS, Version 4.1.1)
Target:	Rockwell International RI-1750AB Brassboard Development System (bare machine, using TLDrtx Real-time Executive, Version 1.0.0)

* Compiler Vendor:	TLD Systems, Ltd.
Compiler Type:	Base
Validation Certificate #:	920319W1.11238
Compiler Name:	TLD MV/MV Ada Compiler System, Version 2.9.0
Host:	Data General MV/32 20000-2 (under AOS/VS II, Version 2.03)
Target:	Same as Host

* Compiler Vendor:	TLD Systems, Ltd.
Compiler Type:	Base
Validation Certificate #:	920319W1.11239
Compiler Name:	TLD Sun-4/MIL-STD-1750A Ada Compiler System, Version 2.9.0
Host:	Sun-4/75 (under SunOS, Version 4.1.1)
Target:	Honeywell Program Development Unit (PDU) with Honeywell Generic VHSIC Spaceborne Computer (GVSC) MIL-STD-1750A (bare machine, using the TLDrtx Real-time Executive, Version 1.0.0)

* Compiler Vendor:	TLD Systems, Ltd.
Compiler Type:	Base
Validation Certificate #:	920319W1.11240
Compiler Name:	TLD Sun-4/MIL-STD-1750A Ada Compiler System, Version 2.9.0
Host:	Sun-4/75 (under SunOS, Version 4.1.1)
Target:	TLD MIL-STD-1750A Multiple Processor Simulator (bare machine simulation, using the TLDrtx Real-time Executive, Version 1.0.0, executing on the Host)

* Compiler Vendor:	TLD Systems, Ltd.
Compiler Type:	Base
Validation Certificate #:	920319W1.11241
Compiler Name:	TLD RISC6000/MIL-STD-1750A Ada Compiler System, Version 2.9.0
Host:	IBM RISC System 6000, Model 530 (under AIX, Version 3.1)
Target:	TLDmps MIL-STD-1750A Multiple Processor Simulator (bare machine simulation, using the TLDrtx Real-time Executive, Version 1.0.0, executing on the Host)

* Compiler Vendor:	TLD Systems, Ltd.
Compiler Type:	Derived
Validation Certificate #:	920319W1.11241 (BASE)
Compiler Name:	TLD RISC6000/MIL-STD-1750A Ada Compiler System, Version 2.9.0
Host:	IBM RISC System 6000 series (under AIX, Version 3.1)
Target:	IBM User Console with IBM Generic VHSIC Spaceborne Computer (bare machine, using the TLDrtx Real-time Executive, Version 1.0.0)

* Compiler Vendor:	TLD Systems, Ltd.
Compiler Type:	Base
Validation Certificate #:	920319W1.11242
Compiler Name:	TLD VAX/MIL-STD-1750A Ada Compiler System, Version 2.9.0
Host:	MicroVAX 3500 (under VMS, Version 5.1)
Target:	TLD MIL-STD-1750A Multiple Processor Simulator (bare machine simulation, using the TLDrtx Real-time Executive, Version 1.0.0, executing on the Host)

* Compiler Vendor:	TLD Systems, Ltd.
Compiler Type:	Derived
Validation Certificate #:	920319W1.11242 (BASE)
Compiler Name:	TLD VAX/MIL-STD-1750A Ada Compiler System, Version 2.9.0
Host:	DEC VAX-11, VAXserver VAXstation MicroVAX, VAX 4000, VAX 6000, VAX 8000 & VAX 9000 Series of computers (under VMS 5.4)
Target:	IBM User Console with IBM Generic VHSIC Spaceborne Computer (bare machine, using the TLDrtx Real-time Executive, Version 1.0.0)

* Compiler Vendor:	TLD Systems, Ltd.
Compiler Type:	Base
Validation Certificate #:	920319W1.11243
Compiler Name:	TLD HP 9000/MIL-STD-1750A Ada Compiler System, Version 2.9.0
Host:	HP 9000/350 (under HP-UX, Version 7.0)
Target:	TLDmps MIL-STD-1750A Multiple Processor Simulator (bare machine simulation, using the TLDrtx Real-time Executive, Version 1.0.0, executing on the Host)

* Compiler Vendor:	TLD Systems, Ltd.
Compiler Type:	Base
Validation Certificate #:	931012W1.11329
Compiler Name:	TLD Comanche VAX/MIL-STD-1750A Ada Compiler System, Version 3.4.C
Host:	VAXstation 4000 Model 60 (under VMS 5.5)
Target:	TLD MIL-STD-1750A Multiple Processor Simulator (TLDmps), executing on the Host [bare machine simulation, using TLD Real Time Executive (TLDrtx), 3.4.C]

* Compiler Vendor:	TLD Systems, Ltd.
Compiler Type:	Derived
Validation Certificate #:	931012W1.11329 (BASE)
Compiler Name:	TLD Comanche VAX/MIL-STD-1750A Ada Compiler System, Version 3.4.C
Host:	DEC VAX-11 VAXserver VAXstation, MicroVAX, VAX 4000, VAX 6000, VAX 8000, & VAX 9000 series of computers (under VMS 5.5)
Target:	TLDmps MIL-STD-1750A Multiple Processor Simulator, executing on the Host (bare machnie simulation, using TLDrtx Real Time Executive, 3.4.C)

* Compiler Vendor:	TLD Systems, Ltd.
Compiler Type:	Base
Validation Certificate #:	940305W1.11335
Compiler Name:	TLD Comanche VAX/i960 Ada Compiler System, Version 4.1.1
Host:	DEC Local Area Network VAX Cluster (comprising 2 MicroVAX 3100 Model 90 machines) (under VMS 5.5)
Target:	Tronix JIAWG Execution Vehicle (i960MX) [bare machines using TLD Real Time Executive (TLDrtx), (Domain Configuration), Version 4.1.1]

* Compiler Vendor:	TLD Systems, Ltd.
Compiler Type:	Derived
Validation Certificate #:	940305W1.11335 (BASE)
Compiler Name:	TLD Comanche VAX/i960 Ada Compiler System, Version 4.1.1
Host:	DEC VAX-11, VAXserver VAXstation MicroVAX, VAX 4000, VAX 6000, VAX 8000, & VAX 9000 Series of computers (under VMS 5.5)
Target:	Various hardware and software implementations of the Intel i960 hardware architecture, including: TLDmps i960 Multiple Processor Simulator (executing on a host), Tronic JIAWG i960 MX/XA Execution Vehicle, Intel EXV 960MX Execution Vehicle, and Westinghouse Data Processing System (containing multiple i960 MX/XA boards) (bare machines or bare machine simulation, using TLDrtx Real Time Executive, Version 4.1.1)

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Compiler Vendor:	U.S. Air Force
Address:	OO-ALC/TISEA 7278 4th Street, Building 100
City:	Hill AFB
State:	UT
Zip Code:	84056-5205
Contact Name:	Les Dupaix
Phone:	(801) 777-7850
E-mail:	dupaix@stscbbs.hill.af.mil

* Compiler Vendor:	U.S. Air Force
Compiler Type:	Base
Validation Certificate #:	910425W1.11142
Compiler Name:	AFCAS 1750A Ada Compiler, Version 1.0
Host:	VAXstation 3100 (under VMS Version 5.3)
Target:	Air Force RAID MIL-STD-1750A simulator (bare machine simulation, executing on the Host)

* Compiler Vendor:	U.S. Air Force
Compiler Type:	Derived
Validation Certificate #:	910425W1.11142 (BASE)
Compiler Name:	AFCAS 1750A Ada Compiler, Version 1.1
Host:	DEC VAXstation 3100 (under VMS Version 5.4)
Target:	Air Force RAID MIL-STD-1750A simulator (bare machine simulation, executing on the Host)

* Compiler Vendor:	U.S. Air Force
Compiler Type:	Base
Validation Certificate #:	910425W1.11143
Compiler Name:	AFCAS 1750A/XMEM Ada Compiler, Version 1.0
Host:	VAXstation 3100 (under VMS Version 5.3)
Target:	Air Force RAID MIL-STD-1750A simulator (bare machine simulation, executing on the Host)

* Compiler Vendor:	U.S. Air Force
Compiler Type:	Derived
Validation Certificate #:	910425W1.11143 (BASE)
Compiler Name:	AFCAS 1750A/XMEM Ada Compiler, Version 1.1
Host:	DEC VAXstation 3100 (under VMS Version 5.4)
Target:	Air Force RAID MIL-STD-1750A simulator (bare machine simulation, executing on the Host)

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Compiler Vendor: U.S. Navy
Address: U.S. Navy NAVSEA 91W5
City: Washington
State: DC
Zip Code: 20362-5101
Contact Name: Bill Wilder
Phone: (703) 602-8204
E-mail: Wilder_William_L@hq.navsea.navy.mil

* Compiler Vendor: U.S. Navy
Compiler Type: Base
Validation Certificate #: 910517S1.11162
Compiler Name: AdaVAX, Version 5.0 (/OPTIMIZE)
Host: VAX 8600 (under VMS Version 5.3)
Target: Same as Host

* Compiler Vendor: U.S. Navy
Compiler Type: Base
Validation Certificate #: 910517S1.11163
Compiler Name: AdaVAX, Version 5.0 (/NO_OPTIMIZE)
Host: VAX 8600 (under VMS Version 5.3)
Target: Same as Host

* Compiler Vendor: U.S. Navy
Compiler Type: Base
Validation Certificate #: 910517S1.11164
Compiler Name: AdaVAX, Version 5.0 (/OPTIMIZE)
Host: VAX-11/785 (under VMS Version 5.3)
Target: Same as Host

* Compiler Vendor: U.S. Navy
Compiler Type: Base
Validation Certificate #: 910517S1.11165
Compiler Name: AdaVAX, Version 5.0 (/NO_OPTIMIZE)
Host: VAX-11/785 (under VMS Version 5.3)
Target: Same as Host

* Compiler Vendor: U.S. Navy
Compiler Type: Base
Validation Certificate #: 910626S1.11172
Compiler Name: Ada/L, Version 4.0 (/OPTIMIZE)
Host: VAX 8550 (under VMS Version 5.3)
Target: AN/UYK-43 (single cpu) (bare machine)

* Compiler Vendor: U.S. Navy
Compiler Type: Base
Validation Certificate #: 910626S1.11173
Compiler Name: Ada/L, Version 4.0 (/OPTIMIZE)
Host: VAX 8550 (under VMS Version 5.3)
Target: AN/UYK-43 (EMR) (bare machine)

* Compiler Vendor: U.S. Navy
Compiler Type: Base
Validation Certificate #: 910626S1.11174
Compiler Name: Ada/M, Version 4.0 (/OPTIMIZE)
Host: VAX 8550 (under VMS Version 5.3)
Target: AN/UYK-44 (EMR) (bare machine)

* Compiler Vendor: U.S. Navy
Compiler Type: Base
Validation Certificate #: 910626S1.11175
Compiler Name: Ada/M, Version 4.0 (/OPTIMIZE)
Host: VAX 8550 (under VMS Version 5.3)
Target: AN/AYK-14 (bare machine)

* Compiler Vendor: U.S. Navy
Compiler Type: Base
Validation Certificate #: 910626S1.11176
Compiler Name: Ada/L, Version 4.0 (/OPTIMIZE)
Host: VAX-11/785 (under VMS Version 5.3)
Target: AN/UYK-43 (single cpu) (bare machine)

* Compiler Vendor: U.S. Navy
Compiler Type: Base
Validation Certificate #: 910626S1.11177
Compiler Name: Ada/L, Version 4.0 (/OPTIMIZE)
Host: VAX-11/785 (under VMS Version 5.3)
Target: AN/UYK-43 (EMR) (bare machine)

* Compiler Vendor: U.S. Navy
Compiler Type: Base
Validation Certificate #: 910626S1.11178
Compiler Name: Ada/M, Version 4.0 (/OPTIMIZE)
Host: VAX-11/785 (under VMS Version 5.3)
Target: AN/UYK-44 (EMR) (bare machine)

* Compiler Vendor: U.S. Navy
Compiler Type: Base
Validation Certificate #: 910626S1.11179
Compiler Name: Ada/M, Version 4.0 (/OPTIMIZE)
Host: VAX-11/785 (under VMS Version 5.3)
Target: AN/AYK-14 (bare machine)

* Compiler Vendor: U.S. Navy
Compiler Type: Base
Validation Certificate #: 920918S1.11270
Compiler Name: AdaVAX, Version 5.5 (/OPTIMIZE)
Host: VAXstation 4000 (under VMS Version 5.5)
Target: Same as Host

* Compiler Vendor: U.S. Navy
Compiler Type: Base
Validation Certificate #: 920918S1.11271
Compiler Name: AdaVAX, Version 5.5 (/NO_OPTIMIZE)
Host: VAXstation 4000 (under VMS Version 5.5)
Target: Same as Host

* Compiler Vendor: U.S. Navy
Compiler Type: Base
Validation Certificate #: 920918S1.11272
Compiler Name: Ada/M, Version 4.5 (/OPTIMIZE)
Host: VAX Cluster (comprising VAX 8550, 8600, & 8650 machines) (under VMS Version 5.3)
Target: Enhanced Processor (EP) AN/UYK-44 (bare machine)

* Compiler Vendor: U.S. Navy
Compiler Type: Base
Validation Certificate #: 920918S1.11273
Compiler Name: Ada/M, Version 4.5 (/OPTIMIZE)
Host: VAX Cluster (comprising VAX 8550, 8600, & 8650 machines) (under VMS Version 5.3)
Target: VHSIC Processor Module (VPM) AN/AYK-14 (bare machine)

* Compiler Vendor: U.S. Navy
Compiler Type: Base
Validation Certificate #: 920918S1.11274
Compiler Name: Ada/M, Version 4.5 (/NO_OPTIMIZE)
Host: VAX Cluster (comprising VAX 8550, 8600, & 8650 machines) (under VMS Version 5.3)
Target: Enhanced Processor (EP) AN/UYK-44 (bare machine)

* Compiler Vendor: U.S. Navy
Compiler Type: Base
Validation Certificate #: 920918S1.11275
Compiler Name: Ada/M, Version 4.5 (/NO_OPTIMIZE)
Host: VAX Cluster (comprising VAX 8550, 8600, & 8650 machines) (under VMS Version 5.3)
Target: VHSIC Processor Module (VPM) AN/AYK-14 (bare machine)

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Compiler Vendor: UNISYS Corporation
Address: 506 Highway 85 North
City: Niceville
State: FL
Zip Code: 32578
Contact Name: Joseph Kovach
Phone: (904) 678-4217
E-mail: (No e-mail address given)

* Compiler Vendor: UNISYS Corporation
Compiler Type: Base
Validation Certificate #: 910510S1.11161
Compiler Name: UCS Ada, Version 1R1
Host: UNISYS 2200/600 (under OS1100, Version 43R2)
Target: Same as Host

* Compiler Vendor: UNISYS Corporation
Compiler Type: Derived
Validation Certificate #: 910510S1.11161 (BASE)
Compiler Name: UCS Ada, Version 1R1
Host: UNISYS 1100/90, 2200/100, /200, /400, /600, & /900 (under OS 1100, Versions 43R2 & 43R3, as supported)
Target: Any Host

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Compiler Vendor: Verdix Corporation
Address: (Verdix Ada products are now Rational)
City:
State:
Zip Code:
Contact Name:
Phone:
E-mail:

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 900228W1.11001
Compiler Name: VAda-110-6161, Version 6.0.2
Host: DECstation 3100 (under ULTRIX 3.1)
Target: Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 900228W1.11001 (BASE)
Compiler Name: VAda-110-6161, Version 6.0.2
Host: DECstation 2100, 5000; DECsystem 5400, 5810, 5820, 5830, 5840 (under ULTRIX 3.1)
Target: Any Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 900228W1.11001 (BASE)
Compiler Name: VADS DEC-RISC, Ultrix 4.0, VAda-110-6161, Version 6.0
Host: DECstation 2100, 3100, 5000 & 5200; and DECsystem 3100, 5000, 5100, 5200, 5400, 5500, 5810, 5820, 5830 & 5840 (under ULTRIX 4.0)
Target: Any Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 900228W1.11001 (BASE)
Compiler Name: VADS DEC-RISC, Ultrix 4.1, VAda-110-6161, Version 6.0
Host: DECstation 2100, 3100, 5000 & 5200; and DECsystem 3100, 5000, 5100, 5200, 5400, 5500, 5810, 5820, 5830 & 5840 (under ULTRIX 4.1)
Target: Any Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 900228W1.11001 (BASE)
Compiler Name: VADS DEC-RISC, Ultrix 4.2, VAda-110-6161, Version 6.0
Host: DECstation 2100, 3100, 5000 & 5200; DECsystem 3100, 5000, 5100, 5200, 5400, 5500, 5810, 5820, 5830 & 5840 (under Ultrix 4.2)
Target: Any Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 900228W1.11001 (BASE)
Compiler Name: VADS DEC-RISC, VAda-110-6161, Versions 6.0, 6.1, & 6.2
Host: Digitial Equipment Corp. DECstation & DECsystem ser of MIPS-based computers (under ULTRIX 3.1, 4.0, 4.1, 4.2, & 4.3)
Target: Any Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 900228W1.11002
Compiler Name: VAda-110-0202, Version 6.0
Host: VAXsystem 3100 (under ULTRIX 3.1)
Target: Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 900228W1.11002 (BASE)
Compiler Name: VAda-110-0202, Version 6.0
Host: DEC VAX-11, MicroVAX, VAXserver, VAXstation, VAX 6000, VAX 8000 & VAX 9000 series (under ULTRIX 4.0)
Target: Any Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 900228W1.11002 (BASE)
Compiler Name: VAda-110-0202, Version 6.0
Host: DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers (under ULTRIX 4.2)
Target: Any Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 900510W1.11003
Compiler Name: VADS Sun3 SunOS, VAda-110-1313, Version 6.0
Host: Sun 3/280 (under SunOS 4.0)
Target: Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 900510W1.11003 (BASE)
Compiler Name: VADS Sun-3 Sun OS, VAda-110-1313, Version 6.0
Host: Sun-3/50, /60, /80, /150, /160, /260, /280, /470 & /480 (under SunOS 4.0 & 4.1)
Target: Any Host machine (under same OS version)

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 900510W1.11004
Compiler Name: VADS IBM PS/2 AIX => Intel 80386, VAda-110-35315, Version 6.0
Host: IBM PS/2 Model 80 (under AIX 1.1)
Target: Intel iSBC 386/12 (bare machine)

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 900510W1.11005
Compiler Name: VADS IBM PS/2 AIX => 68K, VAda-110-35125, Version 6.0
Host: IBM PS/2 Model 80 (under AIX 1.1)
Target: Motorola MVME133A-20 (MC68020) (bare machine)

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 900510W1.11006
Compiler Name: VADS Sun-4 SunOS, VAda-110-4040, Version 6.0
Host: Sun 4/280 (under SunOS 4.0)
Target: Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 900510W1.11006 (BASE)
Compiler Name: VAda-110-4040, Version 6.0
Host: Sun-4/20, /65, /110, /150 & /260; SPARCserver 310, 330, 370, 390, 470 & 490; SPARCstation SLC, 1, 1+, 2, 310, 330 & 370; and SPARCengine 1 VME (under SunOS 4.1)
Target: Any Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 900510W1.11007
Compiler Name: VADS Sun3 SunOS => 68K, VAda-110-13125, Version 6.0
Host: Sun 3/280 (under SunOS 4.0)
Target: Motorola MVME147 (MC68030) (bare machine)

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 900510W1.11007 (BASE)
Compiler Name: VADS Sun3 SunOS => 68K, VAda-110-13125, Version 6.0
Host: Sun-3/50, /60, /80, /150, /160, /260, /280, /470 & /480 (under SunOS 4.0 & 4.1)
Target: Cyclone CVME 44, CVME 46 & CVME 48; Force CPU 21, CPU 29, CPU 30, CPU 31, CPU 32, CPU 37 & Golden Triangle Firepower; Heurikon HK68/V30 Series, V2E Series & V2F Series; Integrated Solutions VME68K20, VME68K30, VME68225 & Liberator SBC; Matrix MS-CPU220 & MS-CPU320; Mizar MZ7120, MZ7122, MZ7124, MZ7130, MZ8120, MZ8130;Sun Microsystems 3E Board Set; Motorola MVME147 Series & MVME141 (MC68030), MVME133 Series, MVME134, MVME135, & MVME136 (MC68020), MVME110, MVME165 & MVME167; Tadpole TP32V & TP33M (bare machines)

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 900726W1.11017
Compiler Name: VADS IBM RISC System/6000, AIX 3.1, VAda-110-7171, Version 6.0
Host: IBM RISC System/6000 Model 530 (under AIX 3.1)
Target: Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 900726W1.11017 (BASE)
Compiler Name: VADS IBM RISC System/6000, AIX 3.1, VAda-110-7171, Version 6.0
Host: IBM RISC System/6000 Models 220, 320, 320H, 340, 350, 520, 520H, 530H, 540, 550, 560, 730, 930, & 950 (under AIX 3.2)
Target: Any Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 900726W1.11017 (BASE)
Compiler Name: VADS IBM RISC System/6000, AIX 3.1, VAda-110-7171, Version 6.0
Host: IBM RISC System/6000 Models 320, 520, 540, 730 & 930 (under AIX 3.1)
Target: Any Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 900726W1.11017 (BASE)
Compiler Name: VADS IBM RISC System/6000, VAda-110-7171, Versions 6.0, 6.1, & 6.2
Host: IMB RISC System/6000 series of computers (under AIX 3.1 & 3.2)
Target: Any Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 900726W1.11018
Compiler Name: VADS HP 9000/300, HP-UX 7.0, VAda-110-1515, Version 6.0
Host: HP 9000/350 (under HP-UX 7.0)
Target: Same as Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	900726W1.11018 (BASE)
Compiler Name:	VADS HP 9000/300, HP-UX 7.0, VAda-110-1515, Version 6.0
Host:	HP 9000 Series 300 Models 310, 320, 330, 340, 350, 360 & 370 (under HP-UX 7.0)
Target:	Any Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	900726W1.11019
Compiler Name:	VADS Prime EXL/320, UNIX System V/386 3.2, VAda-110-3232, Version 6.0
Host:	Prime EXL/320 (under UNIX System V/386 3.2)
Target:	Same as Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	900726W1.11020
Compiler Name:	VADS VAX/VMS 5.2, VAda-110-0303, Version 6.0
Host:	MicroVAX 3100 (under VAX/VMS V5.2)
Target:	Same as Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	900726W1.11020 (BASE)
Compiler Name:	VADS VAX/VMS 5.2, VAda-110-0303, Versions 6.0 & 6.2
Host:	DEC VAX-11 MicroVAX VAXserver, VAXstation, and VAX 6000, 8000, & 9000 series of computers (under VMS 5.0, 5.2, & 5.3)
Target:	Any Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	900726W1.11020 (BASE)
Compiler Name:	VADS VAX/VMS 5.3, VAda-110-0303, Version 6.0
Host:	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers (under VMS 5.3)
Target:	Any Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	900726W1.11021
Compiler Name:	VADS VAX/VMS=>68k, VMS 5.2, VAda-110-03125, Version 6.0
Host:	MicroVAX 3100 (under VAX/VMS V5.2)
Target:	Motorola MVME147 (MC68030) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	900726W1.11021 (BASE)
Compiler Name:	VADS VAX/VMS => 68K, VMS 5.2, VAda-110-03125, Version 6.0
Host:	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers (under VMS 5.2)
Target:	Cyclone CVME 44, CVME 46 & CVME 48; Force CPU 21, CPU 29, CPU 30, CPU 31, CPU 32, CPU 37 & Golden Triangle Firepower; Heurikon HK68/V30 Series, V2E Series & V2F Series; Integrated Solutions VME68K20, VME68K30, VME68225 & Liberator SBC; Matrix MS-CPU220 & MS-CPU320; Mizar MZ7120, MZ7122, MZ7124, MZ7130, MZ8120, MZ8130;Sun Microsystems 3E Board Set; Motorola MVME147 Series & MVME141 (MC68030), MVME133 Series, MVME134, MVME135, & MVME136 (MC68020), MVME165 &MVME167; Tadpole TP32V & TP33M (bare machines)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	900726W1.11022
Compiler Name:	VADS VAX/VMS=>Intel 386, VMS 5.2, VAda-110-03315, Version 6.0
Host:	MicroVAX 3100 (under VAX/VMS V5.2)
Target:	Intel iSBC 386/32 (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	900726W1.11022 (BASE)
Compiler Name:	VADS VAX/VMS=>Intel 386, VMS 5.3, VAda-110-03315, Version 6.0
Host:	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers (under VMS 5.3)
Target:	Intel iSBC 386/32 (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	900726W1.11023 (BASE)
Compiler Name:	VADS VAX/ULTRIX => 68K, ULTRIX 3.1, VAda-110-02125, Version 6.0
Host:	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 8000, VAX 8000 & VAX 9000 Series of computers (under Ultrix 3.1)
Target:	Cyclone CVME 44, CVME 46 & CVME 48; Force CPU 21, CPU 29, CPU 30, CPU 31, CPU 32, CPU 37 & Golden Triangle Firepower; Heurikon HK68/V30 Series, V2E Series & V2F Series; Integrated Solutions VME68K20, VME68K30, VME68225 & Liberator SBC; Matrix MS-CPU220 & MS-CPU320; Mizar MZ7120, MZ7122, MZ7124, MZ7130, MZ8120, MZ8130;Sun Microsystems 3E Board Set; Motorola MVME147 Series & MVME141 (MC68030), MVME133 Series, MVME134, & MVME135 (MC68020); Tadpole TP32V & TP33M (bare machines); Tektronix MV System, MV68020 Support System using TekDB Version 5.0.2 emulation software (bare machine simulation)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	900726W1.11023
Compiler Name:	VADS VAX/Ultrix=>68k, Ultrix 3.1, VAda-110-02125, Version 6.0
Host:	MicroVAX 3100 (under Ultrix 3.1)
Target:	Tektronix MV System, MV 68020 Support System, using TekDB Version 5.0.2 emulation

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 900726W1.11023 (BASE)
Compiler Name: VADS VAX/ULTRIX=>68K, ULTRIX 3.1, VAda-110-02125, Version 6.0
Host: DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000, & VAX 9000 Series of computers (under Ultrix 4.0, 4.1, & 4.2)
Target: Cyclone CVME 48; Force CPU 21, CPU 29, CPU 30, CPU 31, CPU 32, CPU 37; Heurikon HK68/V2Fb Series, HK68/V30 Series, & HK68/V3E Series; Matrix MS-CPU220, MS-CPU320, & MS-CPU330; Mizar MZ7122, MZ7124, MZ7130, MZ8120, MZ8130; Motorola MVME147 Series & MVME141 (MC68030), MVME133 Series, MVME134, MVME135, &MVME147 Series; Radstone CPU-2A; SBE VCOM-24; Tadpole TP32V; & Tektronix MV System, MV68020 Support System using TekDB Version 5.0.2 emulation software (bare machine simulation) (bare machines)

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 900726W1.11024
Compiler Name: VADS DEC-RISK=>68k, Ultrix 3.1, VAda-110-61125, Version 6.0
Host: DECstation 3100 (under Ultrix 3.1)
Target: Motorola MVME147 (MC68030) (bare machine)

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 900726W1.11024 (BASE)
Compiler Name: VADS DEC-RISC => 68K, Ultrix 4.0, VAda-110-61125, Version 6.0
Host: DECstation 2100, 3100, 5000 & 5200; and DECsystem 3100, 5000, 5100, 5200, 5400, 5500, 5810, 5820, 5830 & 5840 (under ULTRIX 4.0)
Target: Cyclone CVME 44, CVME 46 & CVME 48; Force CPU 21, CPU 29, CPU 30, CPU 31, CPU 32, CPU 37 & Golden Triangle Firepower; Heurikon HK68/V30 Series, V2E Series & V2F Series; Integrated Solutions VME68K20, VME68K30, VME68225 & Liberator SBC; Matrix MS-CPU220 & MS-CPU320; Mizar MZ7120, MZ7122, MZ7124, MZ7130, MZ8120, MZ8130;Sun Microsystems 3E Board Set; Motorola MVME147 Series (MC68030), MVME133 Series, MVME134 & MVME135 (MC68020); Tadpole TP32V & TP33M (bare machines)

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 900726W1.11024 (BASE)
Compiler Name: VADS DEC-RISC=>68K, Ultrix 3.1, VAda-110-61125, Versions 6.0, 6.1, 6.2
Host: Digital Equip. Corp. DECstation & DECsystem series of MIPS-based computers (under ULTRIX 3.1, 4.0, 4.1, 4.2, & 4.3)
Target: Cyclone CVME 48; Force CPU 21, CPU 29, CPU 30, CPU 31, CPU 32, CPU 37; Heurikon HK68/V2Fb Series, HK68/V30 Series, & HK68/V3E Series; Matrix MS-CPU220, MS-CPU320, & MS-CPU330; Mizar MZ7122, MZ7124, MZ7130, MZ8120, MZ8130; Motorola MVME147 Series & MVME141 (MC68030), MVME133 Series, MVME134, MVME135, &MVME147 Series; Radstone CPU-2A; SBE VCOM-24; & Tadpole TP32V (bare machines)

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 900726W1.11025
Compiler Name: VADS IBM RISC System/6000=>68k, AIX 3.1, VAda-110-71125, Version 6.0
Host: IBM RISC System/6000 Model 530 (under AIX 3.1)
Target: Motorola MVME147 (MC68030) (bare machine)

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 900726W1.11025 (BASE)
Compiler Name: VADS IBM RISC System/6000=>68K, AIX 3.1, VAda-110-71125, Version 6.0
Host: IBM RISC System/6000 Models 320, 520, 540, 730 & 930 (under AIX 3.1)
Target: Cyclone CVME 44, CVME 46 & CVME 48; Force CPU 21, CPU 29, CPU 30, CPU 31, CPU 32, CPU 37 & Golden Triangle Firepower; Heurikon HK68/V30 Series, V2E Series & V2F Series; Integrated Solutions VME68K20, VME68K30, VME68225 & Liberator SBC; Matrix MS-CPU220 & MS-CPU320; Mizar MZ7120, MZ7122, MZ7124, MZ7130, MZ8120, MZ8130;Sun Microsystems 3E Board Set; Motorola MVME133 Series, MVME134, MVME135, & MVME147 Series; & Tadpole TP32V & TP33M (bare machines)

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 900726W1.11025 (BASE)
Compiler Name: VADS IBM RISC System/6000=>68K, VAda-110-71125, Versions 6.0, 6.1, & 6.2
Host: IBM RISC System/6000 series of computers (under AIX 3.1 & 3.2)
Target: Cyclone CVME 48; Force CPU 21, CPU 29, CPU 30, CPU 31, CPU 32, CPU 37; Heurikon HK68/V2Fb Series, HK68/V30 Series, HK68/V3E Series; Matrix MS-CPU220, MS-CPU320, & MS-CPU330; Mizar MZ7122, MZ7124, MZ7130, MZ8120, & MZ8130; Motorola MVME133 Series, MVME134, MVME135, & MVME147 Series; Radstone CPU-2A; & Tadpole TP32V (bare machine)

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 900726W1.11025 (BASE)
Compiler Name: VADS VAX/VMS=>68K, VAda-110-03125, Versions 6.0 & 6.2
Host: DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000, VAX 9000 Series of computers (under VMS 5.0, 5.2, & 5.3)
Target: Cyclone CVME 48; Force CPU 21, CPU 29, CPU 30, CPU 31, CPU 32, CPU 37; Heurikon HK68/V2Fb Series, HK68/V30 Series, HK68/V3E Series; Matrix MS-CPU220, MS-CPU320, & MS-CPU330; Mizar MZ7122, MZ7124, MZ7130, MZ8120, & MZ8130; Motorola MVME133 Series, MVME134, MVME135, & MVME147 Series; Radstone CPU-2A; & Tadpole TP32V (bare machine)

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 900726W1.11026
Compiler Name: VADS IBM RISC System/6000=>386, AIX 3.1, VAda-110-71315, Version 6.0
Host: IBM RISC System/6000 Model 530 (under AIX 3.1)
Target: Intel iSBC 386/116 (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	900726W1.11026 (BASE)
Compiler Name:	VADS IBM RISC System/6000=>386, AIX 3.1, VAda-110-71315, Version 6.0
Host:	IBM RISC System/6000 Models 320, 520, 540, 730 & 930 (under AIX 3.1)
Target:	Intel ISBC 386/116 (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	900726W1.11026 (BASE)
Compiler Name:	VADS IBM RISC System/6000=>386, AIX 3.1, VAda-110-71315, Version 6.0
Host:	IBM RISC System/6000 Models 220, 320, 320H, 340, 350, 520, 520H, 530H, 540, 550, 560, 730, 930, & 950 (under AIX 3.2)
Target:	Intel ISBC 486/125 (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	900726W1.11097 (BASE)
Compiler Name:	VADS Sun4 => 68K, SunOS 4.0, VAda-110-40125, Version 6.0 & 6.2
Host:	Sun Microsystems Sun-4, SPARCstation, & SPARCserver computer families (under SunOS 4.0, 4.1, & 4.2)
Target:	Cyclone CVME 48; Force CPU 21, CPU 29, CPU 30, CPU 31, CPU 32, CPU 37; Heurikon HK68/V2Fb Series, HK68/V30 Series, HK68/V3E Series; Matrix MS-CPU220, MS-CPU320, & MS-CPU330; Mizar MZ7122, MZ7124, MZ7130, MZ8120, & MZ8130; Motorola MVME133 Series, MVME134, MVME135, & MVME147 Series; Radstone CPU-2A; & Tadpole TP32V

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	901129W1.11094
Compiler Name:	VADS VAX/VMS 5.2 => Intel 80386/WEITEK 3167, VAda-110-03315, Version 6.0
Host:	MicroVAX 3100 (under VMS Version 5.2)
Target:	Intel iSBC 386/116 using a WEITEK 3167 fpu (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	901129W1.11094 (BASE)
Compiler Name:	VADS VAX/VMS 5.3 => Intel 80386/WEITEK 3167, VAda-110-03315, Version 6.0
Host:	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers (under VMS 5.3)
Target:	Intel iSBC 386/116 using a WEITEK 3167 fpu (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	901129W1.11095
Compiler Name:	VADS UNIX System V/386, Rel. 4, VAda-110-3232, Version 6.0
Host:	Intel 302 System (under UNIX System V/386, Release 4)
Target:	Same as Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	901129W1.11095 (BASE)
Compiler Name:	VADS UNIX System V/386/486, VAda-110-3232, Versions 6.0, 6.1, & 6.2
Host:	Any computer that executes the Intel 80386 or 80486 instruction set (under NCR UNIX System V Release 4.0, UNIX System V/486 Release 4.0, 486 Sunsoft Interactive UNIX Release 4.0, 486 Interactive UNIX Release 3.01R3.2)
Target:	Same as Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	901129W1.11095 (BASE)
Compiler Name:	VADS UNIX System V/486, Rel. 4, VAda-110-3232, Version 6.0
Host:	NCR 3000, 3320, 3335, 3345, 3445, 3447, 3450, & 3550 (under UNIX System V/486, Release 4)
Target:	Any Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	901129W1.11095 (BASE)
Compiler Name:	VADS UNIX System V/486, Rel.4, VAda-110-3232, Version 6.0
Host:	NCR 3000, 3320, 3335, 3345, 3445, 3447, 3450, & 3550 (under NCR UNIX System V, Release 4.0); AST Premium 486/33 (under UNIX System V/486, Release 4.0)
Target:	Any Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	901129W1.11096
Compiler Name:	VADS Sequent Balance DYNIX V3.0, VAda-110-2323, Version 6.0
Host:	Sequent Balance 8000 (under DYNIX Version 3.0)
Target:	Same as Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	901129W1.11097
Compiler Name:	VADS Sun4 => 68K, Sun OS 4.0, VAda-110-40125, Version 6.0
Host:	Sun-4/260 (under SunOS 4.0)
Target:	Motorola MVME147 (68030) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	901129W1.11097 (BASE)
Compiler Name:	VADS Sun4 => 68K, Sun OS 4.0, VAda-110-40125, Version 6.0
Host:	Sun-4/20, /65, /110 & /150; SPARCserver 330, 370, 390, 470 & 490; SPARCstation SLC, 1, 1+, 2, 330 & 370; and SPARCengine 1 VME (under SunOS 4.1)
Target:	Cyclone CVME 44, CVME 46 & CVME 48; Force CPU 21, CPU 29, CPU 30, CPU 31, CPU 32, CPU 37 & Golden Triangle Firepower; Heurikon HK68/V30 Series, V2E Series & V2F Series; Integrated Solutions VME68K20, VME68K30, VME68225 & Liberator SBC; Matrix MS-CPU220 & MS-CPU320; Mizar MZ7120, MZ7122, MZ7124, MZ7130, MZ8120, MZ8130;Sun Microsystems 3E Board Set; Motorola MVME110 (MC68000), MVME133 Series, MVME134, MVME135 & MVME136 (MC68020), MVME147 Series & MVME141 (MC68030), MVME165 & MVME167 (MC68040); & Tadpole TP32V & TP33M (bare machines)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	901129W1.11097 (BASE)
Compiler Name:	VADS Sun4 => 68K, Sun OS 4.1, VAda-110-40125, Version 6.0
Host:	Sun Microsystems Sun-4, SPARCserver, SPARCstation, & SPARCengine computer families (under SunOS 4.1)
Target:	Cyclone CVME 44, CVME 46 & CVME 48; Force CPU 21, CPU 29, CPU 30, CPU 31, CPU 32, CPU 37 & Golden Triangle Firepower; Heurikon HK68/V30 Series, /V2E Series & /V2F Series; Integrated Solutions VME68K20, VME68K30, VME68225 & Liberator SBC; Matrix MS-CPU220 & MS-CPU320; Mizar MZ7120, MZ7122, MZ7124, MZ7130, MZ8120, MZ8130, & CPU330;Motorola MVME133 Series, MVME134, MVME135, & MVME147 Series; Sun Microsystems 3E Board Set; & Tadpole Technology TP32V & TP33M (bare machines)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	901129W1.11098
Compiler Name:	VADS Sun-4 => Sun-3, Sun OS 4.0, VAda-110-4013, Version 6.0
Host:	Sun-4/260 (under SunOS 4.0)
Target:	Sun-3/260 (under SunOS 4.0)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	901129W1.11098 (BASE)
Compiler Name:	VADS Sun-4 => Sun-3, Sun OS 4.0, VAda-110-4013, Version 6.0
Host:	Sun-4/20, /65, /110, /150, /260 & /280; SPARCserver 330, 370, 390, 470 & 490; SPARCstation SLC, 1, 1+, 2, 330 & 370; and SPARCengine 1 VME (under SunOS 4.1)
Target:	Sun-3/50, /60, /80, /150, /160, /260, /280, /470 & /480 (under SunOS 4.1)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	901129W1.11099
Compiler Name:	VADS AT&T 3B2/600G UNIX System V, Release 3.2.2, VAda-110-5151, Version 6.0
Host:	AT&T 3B2/600G (under UNIX System V, Release 3.2.2)
Target:	Same as Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	901129W1.11100
Compiler Name:	VADS HP-9000/300 => 68K, HP-UX 7.0 , VAda-110-15125, Version 6.0
Host:	HP 9000 Model 350 (under HP-UX 7.0)
Target:	Motorola MVME133A (68020) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	901129W1.11100 (BASE)
Compiler Name:	VADS HP-9000/300 => 68K, HP-UX 7.0, VAda-110-15125, Version 6.0
Host:	HP 9000 Series 300 Models 310, 320, 330, 340, 350, 360 & 370 (under HP-UX 7.0)
Target:	Cyclone CVME 44, CVME 46 & CVME 48; Force CPU 21, CPU 29, CPU 30, CPU 31, CPU 32, CPU 37 & Golden Triangle Firepower; Heurikon HK68/V30 Series, V2E Series & V2F Series; Integrated Solutions VME68K20, VME68K30, VME68225 & Liberator SBC; Matrix MS-CPU220 & MS-CPU320; Mizar MZ7120, MZ7122, MZ7124, MZ7130, MZ8120, MZ8130;Sun Microsystems 3E Board Set; Motorola MVME147 Series (MC68030), MVME133 Series, MVME134 & MVME135 (MC68020); Tadpole TP32V & TP33M (bare machines)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	901129W1.11100 (BASE)
Compiler Name:	VADS HP-9000/300 => 68K, VAda-110-15125, Version 6.0
Host:	Hewlett-Packard HP 9000 Ser 300 (under HP-UX 7.0 & 8.0)
Target:	Cyclone CVME 48; Force CPU 21, CPU 29, CPU 30, CPU 31, CPU 32, CPU 37; Heurikon HK68/V2Fb Series, HK68/V30 Series, HK68/V3E Series; Matrix MS-CPU220, MS-CPU320, & MS-CPU330; Mizar MZ7122, MZ7124, MZ7130, MZ8120, & MZ8130; Motorola MVME133 Series, MVME134, MVME135, & MVME147 Series; Radstone CPU-2A; & Tadpole TP32V

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	901129W1.11101
Compiler Name:	VADS BCS/88K, AViion DGUX 4.3, VAda-110-8080, Version 6.1
Host:	Data General AViiON Model 5120 (under DG/UX 4.3)
Target:	Same as Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	901129W1.11101 (BASE)
Compiler Name:	VADS BCS/88K AViion DGUX 5.4, VAda-110-8080, Version 6.1
Host:	Data General AViiON Models 4000, 4000GHI, 4020, 4100, 4120, 5010, 5200, 5220, 5240, 5300, 5310, 5400, 5402, 5410, 5412, 6200 & 6220; MODCOMP Real Star Family (under DG/UX 5.4)
Target:	Any Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	901129W1.11101 (BASE)
Compiler Name:	VADS BCS/88K, AViion DGUX 4.3, VAda-110-8080, Version 6.1
Host:	DG AViiON Models 4000, 4000GHI, 4020, 4100, 4120, 5010, 5200, 5220, 5240, 5300, 5310, 5400, 5402, 5410, 5412, 6200 & 6220 (under DG/UX 4.3)
Target:	Any Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	901129W1.11101 (BASE)
Compiler Name:	VADS BCS/88K, AViion DGUX 4.3, VAda-110-8080, Versions 6.1 & 6.2
Host:	Data General AViiON computer series (under DG/UX 4.3 & 5.4)
Target:	Any Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	901129W1.11101 (BASE)
Compiler Name:	VADS BCS/88K, VAda-110-8080, Version 6.1
Host:	MODCOMP Real Star Family (under REAL/IX C.0.2)
Target:	Any Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	901129W1.11101 (BASE)
Compiler Name:	VADS BCS/88K, VAda-110-8080, Version 6.1
Host:	Motorola 8000 Delta Series (MC88000), all models (under Unix System V/88, R32V3)
Target:	Any Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	901129W1.11102
Compiler Name:	VADS Sun4 => SPARC, Sun OS 4.1, VAda-110-40440, Version 6.0
Host:	Sun-4/490 (under SunOS 4.1)
Target:	SPARCengine 1E (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	901129W1.11102 (BASE)
Compiler Name:	VADS Sun4=>SPARC, Sun OS 4.1, VAda-110-40440, Version 6.0
Host:	Sun-4/20, /65, /110, /150 & /260; SPARCserver 330, 370, 390, 470 & 490; and SPARCstation SLC, 1, 1+, 2, 330 & 370 (under SunOS 4.1)
Target:	SPARCengine 1E (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	901129W1.11102 (BASE)
Compiler Name:	VADS Sun4=>SPARC, Sun OS4.1, VAda-110-40440, Version 6.0 & 6.1
Host:	Sun Microsystem Sun-4, SPARCstation, & SPARCserver computer families (under SunOS 4.0, 4.1, & 4.2)
Target:	SPARCengine 1E & Ironics IV-SPARC-33A (bare machines)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	910517W1.11149
Compiler Name:	VADS Sun-3 SunOS => 68k, VAda-110-13140, Version 6.0
Host:	Sun 3/260 (under SunOS Release 4.0)
Target:	Motorola MVME165 (68040) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910517W1.11149 (BASE)
Compiler Name:	VADS Sun-3 SunOS => 68k, VAda-110-13140, Version 6.0
Host:	Sun Microsystems Sun-3 computer family (under SunOS 4.1)
Target:	Motorola MVME 165 (MC68040) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	910517W1.11150
Compiler Name:	VADS DEC-RISC => MIPS R3000, VAda-110-61620, Version 6.1
Host:	DECstation 5000-200 (under ULTRIX V4.0)
Target:	Lockheed Sanders STAR MVP (R3000) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910517W1.11150 (BASE)
Compiler Name:	VADS DEC-RISC => MIPS R3000, VAda-110-61620, Versions 6.1 & 6.2
Host:	DECstation & DECsystem (MIPS-based) computer families (under ULTRIX 3.1, 4.0, 4.1, 4.2, & 4.3)
Target:	Heurikon HKMIPS/V3500;LSI Logic LR33000/LR33050 Pocket Rocket; any MIPS R2000-based & R3000-based computers; Omnibyte VR3000; and Pulsar 3000 (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	910517W1.11151
Compiler Name:	VADS VMS => MIPS R3000, VAda-110-03620, Ver 6.1
Host:	MicroVAX 3600 (under VMS V5.2)
Target:	Integrated Device Technology IDT7RS302 (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910517W1.11150 (BASE)
Compiler Name:	VADS DEC-RISC => MIPS R3000, VAda-110-61620, Version 6.1
Host:	DECstation & DECsystem computer fam (under ULTRIX 4.0)
Target:	Lockheed Sanders STAR MVP (R3000) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910517W1.11151 (BASE)
Compiler Name:	VADS VAX/VMS => MIPS R3000, VAda-110-03620, Versions 6.1 & 6.2
Host:	DEC VAX-11, VAXserver VAXstation MicroVAX, VAX 6000, VAX 8000, & VAX 9000 Ser of computers (under VMS 5.0, 5.2, & 5.3)
Target:	Heurikon HKMIPS/V3500; LSI Logic LR33000 /LR33050 Pocket Rocket; any MIPS R2000-based & R3000- based computers; Omnibyte VR3000; and Pulsar 3000 (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910517W1.11151 (BASE)
Compiler Name:	VADS VMS => MIPS R3000, VAda-110-03620, Version 6.1
Host:	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000 & VAX 9000 Series of computers (under VMS 5.3)
Target:	Integrated Device Technology IDT7RS302 (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	910517W1.11152
Compiler Name:	VADS Sun-4 SunOS => 68k, VAda-110-40140, Version 6.0
Host:	Sun 4/280 (under SunOS Release 4.0)
Target:	Motorola MVME165 (68040) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910517W1.11152 (BASE)
Compiler Name:	VADS Sun-4 SunOS => 68040, VAda-110-40140, Versions 6.0 & 6.2
Host:	Sun Microsystems Sun-4, SPARCserver, & SPARCstation omputer families (under SunOS 4.0, 4.1, & 4.2)
Target:	DY 4 Systems SVME-144; ForceCPU-40 Series/Eagle I; Motorola MVME165, MVME167, MVME167A; PEP Modular Computer VM40; and Tadpole TP41V

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910517W1.11152 (BASE)
Compiler Name:	VADS Sun4 SunOS => 68k, VAda-110-40140, Version 6.0
Host:	Sun Microsystems Sun-4, SPARCserver & SPARCstation computer families (under SunOS 4.1)
Target:	Motorola MVME165 (68040) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	910517W1.11153
Compiler Name:	VADS DEC-RISC => 88k, VAda-110-61680, Version 6.1
Host:	DECstation 2100 (under ULTRIX V4.0)
Target:	Motorola MVME181 (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910517W1.11153 (BASE)
Compiler Name:	VADS DEC-RISC => 88k, VAda-110-61680, Version 6.1
Host:	DEC DECstation & DECsystem computer families (under ULTRIX 4.0)
Target:	Motorola MVME181 (88000) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910517W1.11153 (BASE)
Compiler Name:	VADS DEC-RISC => 88k, VAda-110-61680, Versions 6.1 & 6.2
Host:	DECstation & DECsystem (MIPS-based) computer families (under ULTRIX 3.1, 4.0, 4.1, 4.2, & 4.3)
Target:	Hughes Real-time Embedded Ada Processor (REAP) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	910517W1.11154
Compiler Name:	VADSworks Sun4 => 68k, VAda-115-40800, Version 2.0
Host:	Sun 4/20 (under SunOS 4.1.1)
Target:	Motorola MVME147SA (bare machine, using vxWorks 5.0)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910517W1.11154 (BASE)
Compiler Name:	VADSworks Sun4 => 68k, VAda-115-40800, Version 2.0
Host:	Sun Microsystems Sun-4, SPARCserver & SPARCstation computer families (under SunOS 4.1)
Target:	Force CPU 21, CPU 29, CPU 30, CPU 31, CPU 32, CPU 33, CPU 37, & Golden Triangle Firepower; General Microsystems GMSV17 & GMSV37; Heurikon HK68/V20, /V2E, /V2F, /V2FA, /V30, /V30XE, /V3E, & /V3F; Ironics IV-3201a, 3204a, 3220, & 3230; Matrix MS-CPU320; Mizar MZ7122 & MZ7124; Motorola MVME133 Series, MVME135 MVME135A, MVME141, MVME143, & MVME147; Radstone PME 68-25 & 68-31; SBE VLAN-e & VPU30; Sun Microsystems 3E; & Tadpole Technology TP32V-4MB (bare machines, using vxWorks 5.0)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	910517W1.11155
Compiler Name:	VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Version 6.0
Host:	Zenith Z-486/25E (under SCO UNIX i386 release 3.2)
Target:	Same as Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910517W1.11155 (BASE)
Compiler Name:	VADS 386/486 System V, Rel. 3.2, VAda-110-3232, Version 6.0
Host:	Any Computer System Comprising: cpu: any that executes the Intel 80386/i486 instruction set (under Any operating system compatible with Unix System V Release 3.2)
Target:	Same as Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910517W1.11155 (BASE)
Compiler Name:	VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Version 6.0
Host:	Zenith Z-486/33E (under SCO UNIX i386 release 3.2)
Target:	Same as Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910517W1.11155 (BASE)
Compiler Name:	VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Version 6.0, 6.1, & 6.2
Host:	Any computer that executes the Intel 80386 or 80486 instruction set (under SCO UNIX Release 3.2 running SecureWare CMW+/386 v2)
Target:	Same as Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	910517W1.11156
Compiler Name:	VADS Sun-4 SunOS => AMD 29K, 6.0 VAda-110-40525, Version 6.0
Host:	Sun 4/280 (under SunOS 4.0.3)
Target:	Ironics IV9001 board (AMD 29000) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910517W1.11156 (BASE)
Compiler Name:	VADS IBM RISC System/6000=>68K, VAda-110-71125, Versions 6.0, 6.1, & 6.2
Host:	Sun Microsystems Sun-4, SPARCstation & SPARCserver series of computers (under SunOS 4.0, 4.1, & 4.2)
Target:	Ironics IV9001 board (AMD 29000) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910517W1.11156 (BASE)
Compiler Name:	VADS Sun-4 SunOS => AMD 29K, VAda-110-40525, Versions 6.0, 6.1, & 6.2
Host:	Sun Microsystems Sun-4, SPARCstation & SPARCserver series of computers (under SunOS 4.0, 4.1, & 4.2)
Target:	Ironics IV9001 board (AMD 29000) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910517W1.11156 (BASE)
Compiler Name:	VADS Sun4 SunOS => AMD 29K, VAda-110-40525, Version 6.0
Host:	Sun Microsystems Sun-4, SPARCserver & SPARCstation computer families (under SunOS 4.1)
Target:	Ironics IV9001 board (AMD 29000) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	910517W1.11157
Compiler Name:	VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Version 6.1
Host:	Intel 402 (under SCO UNIX 3.2v2.e)
Target:	Same as Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910517W1.11157 (BASE)
Compiler Name:	VADS 386/486 System V, Rel. 3.2, VAda-110-3232, Version 6.1
Host:	Any Computer System Comprising: cpu: any that executes the Intel 80386/i486 instruction set (under Any operating system compatible with Unix System V Release 3.2)
Target:	Same as Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910517W1.11157 (BASE)
Compiler Name:	VADS 386/486, VAda-110-3232, Version 6.2
Host:	Any computer that executes the Intel 80486 instruction set (under SCO UNIX 3.2v4.2)
Target:	Same as Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910517W1.11157 (BASE)
Compiler Name:	VADS HP 9000/300, VAda-110-1515, Version 6.0
Host:	Hewlett-Packard HP 9000 Series 300 (under HP-UX 7.0)
Target:	Any Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910517W1.11157 (BASE)
Compiler Name:	VADS UNIX System V/486, SCO UNIX 3.2, VAda-110-3232, Versions 6.1, & 6.2
Host:	Any computer that executes the Intel 80386 or 80486 instruction set (under 486 SCO ODT v1.1.1 & v2 R3.1, NCR UNIX System V Release 4.0, and UNIX System V/486 Release 4.0)
Target:	Same as Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	910920W1.11200
Compiler Name:	VADS MIPS, VAda-110-6262, Version 6.1
Host:	MIPS RC3230 (under RISC/os 4.52)
Target:	Same as Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910920W1.11200 (BASE)
Compiler Name:	VADS VAda-110-6262, Version 6.1
Host:	MIPS RC3xxx & RC4xxx series of computers (under RISC/OS 4.5)
Target:	Any Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	910920W1.11201
Compiler Name:	VADS VAX/VMS => 68040, VAda-110-03140, Ver 6.0
Host:	MicroVAX 3100 (under VMS 5.3)
Target:	Motorola MVME165 (68040) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910920W1.11201 (BASE)
Compiler Name:	VADS VAX/VMS => 68040, VAda-110-03140, Version 6.0
Host:	DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000, & VAX 9000 Series of computers (under VMS 5.3)
Target:	Motorola MVME165 (68040) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	910920W1.11202
Compiler Name:	VADS IBM RS/6000 => MIPS R3000, VAda-110-71620, Version 6.1
Host:	IBM RISC System/6000 Model 530 (under AIX 3.1)
Target:	IDT 7RS302 (R3000) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910920W1.11202 (BASE)
Compiler Name:	VADS IBM RS/6000 => MIPS R3000, VAda-110-71620, Versions 6.1 & 6.2
Host:	IBM RISC/System 6000 Series (under AIX 3.1 & 3.2)
Target:	Heurikon HKMIPS/V3500; LSI Logic LR33000/LR33050 Pocket Rocket; any MIPS R2000-based & R3000-based computers; Omnibyte VR3000; & Pulsar 3000 (bare machines)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910920W1.11202 (BASE)
Compiler Name:	VADS IBM RS/6000 AIX 3.1, VAda-110-71620, Version 6.1
Host:	IBM RISC System/6000 Models 320, 520, 540, 730, & 930 (under AIX 3.1)
Target:	IDT 7RS302 (R3000) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	910920W1.11205
Compiler Name:	VADS Sun-4 => MIPS R3000, VAda-110-40620, Version 6.1
Host:	SPARCserver 490 (under SunOS Release 4.1)
Target:	LSI LR33000 Pocket Rocket Evaluation board (R3000) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910920W1.11205 (BASE)
Compiler Name:	VADS Sun-4 => MIPS R3000, VAda-110-40620, Version 6.1
Host:	Sun Microsystems Sun-4, SPARCserver, & SPARCstation computer families (under SunOS 4.1)
Target:	LSI LR33000 Pocket Rocket Evaluation board (R3000) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910920W1.11205 (BASE)
Compiler Name:	VADS Sun-4 => MIPS R3000, VAda-110-40620, Versions 6.1 & 6.2
Host:	Sun Microsystems Sun-4, SPARCstation, & SPARCstation, & SPARCserver series of computers (under SunOS 4.0, 4.1, & 4.2)
Target:	Heurikon HKMIPS/V3500; LSI Logic LR33000/LR33050 Pocket Rocket; any MIPS R2000-based & R3000-based computers; Omnibyte VR3000; & Pulsar 3000 (bare machines)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	910920W1.11206
Compiler Name:	VADS Sun-4 SunOS => MC68000/10, VAda-110-40128, Version 6.0
Host:	Sun-4/280 (under SunOS Release 4.0.3)
Target:	Motorola MVME101 (68000) with MVME222-1 memory board (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910920W1.11206 (BASE)
Compiler Name:	VADS Sun-4 => MC68000/10, SunOS 4.1, VAda-110-40128, Version 6.0
Host:	Sun Microsystems Sun-4, SPARCserver, SPARCstation, & SPARCengine computer families (under SunOS 4.1)
Target:	Motorola 68302, Philips-Signetics 68070, & Toshiba 68301 (bare machines)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910920W1.11206 (BASE)
Compiler Name:	VADS Sun-4 => MC68000/10, SunOS, VAda-110-40128, Versions 6.0, 6.1, & 6.2
Host:	Sun Microsystems Sun-4, SPARCstation & SPARCserver computer families (under SunOS 4.0, 4.1, & 4.2)
Target:	Motorola MVME101, Motorola 68302, Philips-Signetics 68070, & Toshiba 68301 single-board computers (bare machines)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910920W1.11206 (BASE)
Compiler Name:	VADS Sun4 => MC68000/10, VAda-110-40128, Version 6.0
Host:	Sun Microsystems Sun-4, SPARCserver, & SPARCstation computer families (under SunOS 4.1)
Target:	Motorola MVME101 (68000) with MVME222-1 memory board (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	910920W1.11207
Compiler Name:	VADS Sun-4 SunOS => CPU32, VAda-110-40150, Version 6.0
Host:	Sun-4/280 (under SunOS Release 4.0.3)
Target:	Motorola CPU32 - M68332EVS Evaluation System (68332) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910920W1.11207 (BASE)
Compiler Name:	VADS Sun-4 => CPU32, SunOS, VAda-110-40150, Versions 6.0 & 6.2
Host:	Sun Microsystems Sun-4, SPARCstation & SPARCserver computer families (under SunOS 4.0, 4.1., & 4.2)
Target:	Motorola CPU32-68331, -68333, & -68340 Evaluation Systems (bare machines)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910920W1.11207 (BASE)
Compiler Name:	VADS Sun-4 SunOS => CPU32, VAda-110-40150, Version 6.0
Host:	Sun Microsystems Sun-4, SPARCserver, & SPARCstation computer families (under SunOS 4.1)
Target:	Motorola CPU32 - M68332EVS Evaluation System (68332) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910920W1.11207 (BASE)
Compiler Name:	VADS Sun-4 SunOS => CPU32, VAda-110-40150, Version 6.0
Host:	Sun Microsystems Sun-4, SPARCserver SPARCstation, & SPARCengine computer families (under SunOS 4.1)
Target:	Motorola CPU32-68331, -68333, & -68340 Evaluation Systems (bare machines)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	910920W1.11208
Compiler Name:	VADS IBM PS/2, AIX 1.1, VAda-110-3535, Version 6.1
Host:	IBM PS/2 Model 80 (under AIX 1.1)
Target:	Same as Host

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	910920W1.11209
Compiler Name:	VADS MIPS => MIPS R3000, VAda-110-62620, Version 6.1
Host:	MIPS RC3230 (under RISC/os 4.52)
Target:	Lockheed Sanders STAR MVP (R3000) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910920W1.11209 (BASE)
Compiler Name:	VADS MIPS => MIPS R3000, VAda-110-62620, Versions 6.1 & 6.2
Host:	MIPS RC3230 (under RISC/OS 4.5)
Target:	Heurikon HKMIPS/V3500; LSI Logic LR33000/LR33050 Pocket Rocket; any MIPS R2000-based & R3000-based computers; Omnibyte VR3000; & Pulsar 3000 (bare machines)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	910920W1.11210
Compiler Name:	VADS Sun-3 SunOS => 68020/30 ARTX, VAda-110-13120, Version 6.0
Host:	Sun-3/280 (under SunOS Release 4.0)
Target:	Motorola MVME147 (68030) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910920W1.11210 (BASE)
Compiler Name:	VADS Sun3 SunOS => 68020/30 ARTX, VAda-110-13120, Version 6.0
Host:	Sun Microsystems Sun-3 computer family (under SunOS 4.1)
Target:	Cyclone CVME 44, CVME 46 & CVME 48; Force CPU 21, CPU 29, CPU 30, CPU 31, CPU 32, CPU 37 & Golden Triangle Firepower; Heurikon HK68/V30 Series, /V2E Series & /V2F Series; Integrated Solutions VME68K20, VME68K30, VME68225 & Liberator SBC; Matrix MS-CPU220 & MS-CPU320; Mizar MZ7122, MZ7124, MZ7130, MZ8120, & MZ8130; Motorola MVME133 Series, MVME134, MVME135, MVME136, MVME141, & MVME147 Series; Sun Microsystems 3E Board Set; & Tadpole Technology TP32V & TP32M (bare machines)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	910920W1.11211
Compiler Name:	VADS Sun4 SunOS => 68020/30 ARTX, VAda-110-40120, Version 6.0
Host:	SPARCstation 2 (under SunOS Release 4.1.1)
Target:	Motorola MVME147 (68030) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910920W1.11211 (BASE)
Compiler Name:	VADS Sun4 SunOS => 68020/30 ARTX, VAda-110-40120, Version 6.0
Host:	Sun Microsystems Sun-4, SPARCserver, & SPARCstation computer families (under SunOS 4.1)
Target:	Motorola MVME147 (68030) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910920W1.11211 (BASE)
Compiler Name:	VADS Sun4 SunOS => 68020/30 ARTX, VAda-110-40120, Versions 6.0 & 6.2
Host:	Sun Microsystems Sun-4, SPARCstation & SPARCserver computer families (under SunOS 4.0, 4.1, & 4.2)
Target:	Cyclone CVME 48; Force CPU 21, CPU 29, CPU 30, CPU 31, CPU 32, CPU 37; Heurikon HK68/V2Fb Series, HK68/V30 Series, HK68/V3E Series; Matrix MS-CPU220, MS-CPU320, & MS-CPU330; Mizar MZ7122, MZ7124, MZ7130, MZ8120, & MZ8130; Motorola MVME133 Series, MVME134, MVME135, & MVME147 Series; Radstone CPU-2A; SBE VCOM-24; & Tadpole TP32V (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	910920W1.11212
Compiler Name:	VADS IBM RISC System/6000 AIX => 68020/30 ARTX, VAda-110-71120, Version 6.0
Host:	IBM RISC System/6000 Model 530 (under AIX 3.1)
Target:	Motorola MVME147 (68030) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Derived
Validation Certificate #:	910920W1.11212 (BASE)
Compiler Name:	VADS IBM RISC System/6000 AIX => 68020/30 ARTX, VAda-110-71120, Version 6.0
Host:	IBM RISC System/6000 Models 320, 520, 540, 730, & 930 (under AIX 3.1)
Target:	Motorola MVME147 (68030) (bare machine)

* Compiler Vendor:	Verdix Corporation
Compiler Type:	Base
Validation Certificate #:	910920W1.11213
Compiler Name:	VADS SYSTEM V/860 RELEASE 4, VAda-110-9090, Version 6.1
Host:	Okidata I860 Workstation (under UNIX SYSTEM V/860 RELEASE 4 v1.0)
Target:	Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 910920W1.11214
Compiler Name: VADS VMS => AMD29000, VAda-110-03525, Version 6.04
Host: MicroVAX 3600 (under VMS 5.2)
Target: Ironics IV9001 board (AMD 29000) (Am29000 bare VME machine)

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 910920W1.11214 (BASE)
Compiler Name: VADS VAX VMS => AMD 29K, VAda-110-03525, Version 6.04
Host: DEC VAX-11, VAXserver, VAXstation, MicroVAX, VAX 6000, VAX 8000, & VAX 9000 Series of computers (under VMS 5.3)
Target: Ironics IV9001 board (AMD 29000) (Am29000 bare VME machine)

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 910920W1.11215
Compiler Name: VADS Sun-3 SunOS => AMD 29K, VAda-110-13525, Version 6.04
Host: Sun-3/180 (under SunOS 4.1.1)
Target: Ironics IV9001 board (AMD 29000) (Am29000 bare VME machine)

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 910920W1.11215 (BASE)
Compiler Name: VADS Sun-3 SunOS => AMD 29K, VAda-110-13525, Version 6.04
Host: Sun Microsystems Sun-3 computer family (under SunOS 4.1)
Target: Ironics IV9001 board (AMD 29000) (Am29000 bare VME machine)

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 920513W1.11252
Compiler Name: VADS AT&T 3B2/600GR UNIX System V, Release 4.0, VAda-110-6363, Version 6.1
Host: AT&T 3B2/600GR (under UNIX System V, Release 4.0)
Target: Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 920513W1.11253
Compiler Name: VADS IBM RISC System/6000 => IBM RISC System/6000, VAda-110-71710, Version 6.2
Host: IBM RISC System/6000 Model 530 (under AIX 3.2)
Target: IBM RISC System/6000 Model 320 (bare machine)

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 920513W1.11253 (BASE)
Compiler Name: VADS IBM RISC System/6000, VAda-110-71710, Version 6.2
Host: IBM RISC System/6000 series of computers (under AIX 3.1 & 3.2)
Target: Any Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 920513W1.11254
Compiler Name: VADS BCS => 88K, VAda-110-80680, Version 6.1
Host: Motorola 88000 Delta (under R32V3 920117)
Target: Motorola MVME187 (88000) (bare machine)

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 920513W1.11256
Compiler Name: VADSworks Sun4 => 68K, VAda-115-40800, Ver 2.0
Host: Sun-4/20 (under SunOS, 4.1.1)
Target: Motorola MVME167A (68040) (bare machine, using VxWorks 5.0)

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 920513W1.11256 (BASE)
Compiler Name: VADSworks Sun4 => 68K, VAda-115-40800, Version 2.0
Host: Sun Microsystems Sun-4, SPARCserver & SPARCstation computer families (under SunOS 4.0, 4.1, & 4.2)
Target: DY 4 Systems SVME-144; Force CPU-40 Series; Motorola MVME162, MVME165, MVME167, & MVME167A; PEP Modular Computer VM40; and Tadpole TP41V (bare machine, using vxWorks 5.0)

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 920513W1.11256 (BASE)
Compiler Name: VADSworks Sun4 => 68K, VAda-115-40800, Versions 2.0 & 3.0
Host: Sun Microsystems Sun-4, SPARCstation & SPARCserver computer family (under SunOS 4.0, 4.1, & 4.2)
Target: DY 4 Systems SVME-144; Force CPU-40 Series; Motorola MVME162, MVME165, MVME167, & MVME167A; PEP Modular Computer VM40; Radstone CPU-40; and Tadpole TP41V (bare machine, using vxWorks 5.0)

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 920513W1.11257
Compiler Name: VADSworks Sun4 => SPARC, VAda-115-40850, Version 2.0
Host: Sun-4/20 (under SunOS, 4.1.1)
Target: Sun SPARCengine 1e (bare machine, using VxWorks v5.0)

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 920513W1.11257 (BASE)
Compiler Name: VADSworks Sun4 => SPARC, VAda-115-40850, Version 2.0
Host: Sun Microsystems Sun-4, SPARCserver, & SPARCstation computer families (under SunOS 4.0, 4.1, & 4.2)
Target: Sun SPARCengine 1e (bare machine, using VxWorks v5.0)

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 920513W1.11258
Compiler Name: VADS Sun SPARC => 386, VAda-110-40315, Version 6.2
Host: Sun-4/260 (under SunOS, Version 4.1.2)
Target: Intel iSBC 386/20p (bare machine)

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 920513W1.11258 (BASE)
Compiler Name: VADS Sun SPARC => 386, VAda-110-40315, Version 6.2
Host: Sun Microsystems Sun-4, SPARCserver, & SPARCstation computer families (under SunOS 4.0, 4.1, & 4.2)
Target: Intel iSBC 386/20p (bare machine)

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 920513W1.11258 (BASE)
Compiler Name: VADS Sun SPARC => 386/486, VAda-110-40315, Version 6.2 under SunOS4.x
Host: Sun Microsystems Sun-4, SPARCserver, & SPARCstation computer families (under SunOS 4.1 & 4.2)
Target: Any single-board computer that executes the Intel 80386 or i486 instruction set (bare machine)

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 921004W1.11277
Compiler Name: VADSworks DEC-RISC=>MIPS R3000, VAda-115-61640, Version 2.0
Host: DECstation 5000/200 (under Ultrix V4.1)
Target: Lockheed Sanders STAR MVP board (bare machine, using vxWorks 5.0)

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 921004W1.11277 (BASE)
Compiler Name: VADSworks DEC-RISC=>MIPS R3000, VAda-115-61640, Version 2.0
Host: DECstation & DECsystem (MIPS-based) computer families (under ULTRIX 4.1, 4.2, & 4.3)
Target: Heurikon HKMIPS/V3500; LSI Logic LR33000/LR33050 Pocket Rocket; any MIPS R2000-based & R3000-based computers; Omnibyte VR3000; & Pulsar 3000 (bare machines, using VxWorks 5.0 & 5.1))

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 921004W1.11278 (BASE)
Compiler Name: VADS IBM RISC System/6000 VAda-110-7171, Version 6.2
Host: IBM RISC System/6000 models 230 & 570 (under AIX 3.2 & AIX BI/CMW)
Target: Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 921004W1.11278E
Compiler Name: VADS IBM RISC System/6000, VAda-110-7171, Version 6.2
Host: IBM RISC System/6000 model 220 (under AIX 3.2)
Target: Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 921004W1.11279
Compiler Name: VADS IBM RISC System/6000, VAda-110-7171, Version 6.2
Host: IBM RISC System/6000 model 530H (under AIX 3.2)
Target: Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 921004W1.11280
Compiler Name: VADS System V/386/486, VAda-110-3232, Version 6.1
Host: ASL 486/33 (under UNIX System V, Release 3.2)
Target: Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 921004W1.11281
Compiler Name: VADS System V/386/486, VAda-110-3232, Version 6.1
Host: AST Premium 486 (under UNIX System V, Release 4.0)
Target: Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 921004W1.11282
Compiler Name: VADS System V/386/486, VAda-110-3232, Version 6.1
Host: NCR model 3450 (under NCR UNIX SVR4 MP-RAS Release 2)
Target: Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 921004W1.11283
Compiler Name: VADS System V/386/486, VAda-110-3232, Version 6.1
Host: NCR model 3550 (under NCR UNIX SVR4 MP-RAS Release 2)
Target: Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 921004W1.11284
Compiler Name: VADS Sun SPARC Solaris 2.1, VAda-110-4040, Version 6.2
Host: RDI Britelite IPX Laptop (under Solaris 2.1)
Target: Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 921004W1.11285
Compiler Name: VADS Sun-4 Solaris 2.1, VAda-110-4040, Version 6.2
Host: SPARCstation LX 4/30 (under Solaris 2.1)
Target: Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 921004W1.11285 (BASE)
Compiler Name: SPARCompiler Ada Porting Kit, Version 2.0
Host: Sun Microsystems Sun-4, SPARCstation & SPARCserver computer families (under Solaris 2.1)
Target: Any Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 921004W1.11285 (BASE)
Compiler Name: SPARCworks Professional Ada, Version 2.0
Host: Sun Microsystems Sun-4, SPARCstation & SPARCserver computer families (under Solaris 2.1 & 2.2)
Target: Any Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 921004W1.11286
Compiler Name: VADS Sun SPARC Solaris 2.1, VAda-110-4040, Version 6.2
Host: SPARCstation 10 model 30 (under Solaris 2.1)
Target: Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 921004W1.11287
Compiler Name: VADS Sun SPARC Solaris 2.1, VAda-110-4040, Version 6.2
Host: SPARCstation 10 model 41 (under Solaris 2.1)
Target: Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 921004W1.11288
Compiler Name: VADS Sun SPARC Solaris 2.1, VAda-110-4040, Version 6.2
Host: SPARCstation 10 model 42 (under Solaris 2.1)
Target: Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 921004W1.11289
Compiler Name: VADS Sun SPARC Solaris 2.1, VAda-110-4040, Version 6.2
Host: Sun SPARCserver 690 (under Solaris 2.1)
Target: Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 921004W1.11290
Compiler Name: VADS MP Sun SPARC Solaris 2.1, VAda-110-4141, Version 6.2
Host: Sun SPARCserver 690 (under Solaris 2.1)
Target: Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 921004W1.11290 (BASE)
Compiler Name: VADS MP Sun SPARC, Solaris 2.0, VAda-110-4141, Version 6.2
Host: Sun Microsystems Sun-4, SPARCserver, & SPARCstation computer families (under Solaris 2.0 & 2.1)
Target: Any Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 921004W1.11291
Compiler Name: VADS Silicon Graphics Self, VAda-110-6464, Version 6.2
Host: Silicon Graphics IRIS 4D/440 (under IRIX 4.0.1)
Target: Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 921004W1.11292
Compiler Name: VADS MP Silicon Graphics, VAda-110-6565, Version 6.2
Host: Silicon Graphics IRIS 4D/440 (under IRIX 4.0.1)
Target: Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 930226W1.11311
Compiler Name: VADSself HP 9000 series 700 VAda-110-7575, Version 6.2
Host: HP 9000/720 (under HP-UX 8.0.7)
Target: Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 930226W1.11311 (BASE)
Compiler Name: VADS HP 9000 Series 700/800, VAda-110-7575, Version 6.2
Host: HP 9000 Series 700 & 800, all models (under HP-UX Versions 8.0 & 9.0, all releases as appropriate)
Target: Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 930226W1.11312
Compiler Name: VADSworks Sun-4 => MIPS R3000 VAda-115-40640, Version 2.0
Host: Sun-4/20 (under SunOS Release 4.1.1)
Target: Heurikon HKMIPS/3500 (R3000) board (bare machine, using vxWorks 5.0)

* Compiler Vendor: Verdix Corporation
Compiler Type: Derived
Validation Certificate #: 930226W1.11312 (BASE)
Compiler Name: VADSworks Sun-4 => MIPS R3000 VAda-115-40640, Version 2.0
Host: Sun Microsystems Sun-4, SPARCstation & SPARCserver computer families (under SunOS 4.0, 4.1, & 4.2)
Target: Heurikon HKMIPS/V3500 (bare machine, using vxWorks 5.0)

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 930901W1.11323
Compiler Name: VADS Sun4 => MIPS R3000, VAda-110-42620, Version 6.2
Host: Sun SPARCstation 2 (under Solaris 2.2)
Target: Lockheed Sanders STAR MVP (R3000) (bare machine)

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 930901W1.11324
Compiler Name: VADS Sun4 => MIPS R4000, VAda-110-40630, Version 6.2
Host: Sun SPARCstation 2 (under SunOS 4.1.2)
Target: Silicon Graphics Indigo XS4000 used as a MIPS R4000 board (bare machine)

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 930901W1.11325
Compiler Name: VADS Sun4 => PARAGON, VAda-110-40782, Version 6.2
Host: Sun SPARCstation 2 (under SunOS 4.1.3)
Target: Intel PARAGON Supercomputer (under OSF/1 Release 1.0.3 Server 1.1 PT10.7.6 (T10.4))

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 930901W1.11326
Compiler Name: VADS SYSTEM V/88 RELEASE, VAda-110-8080, Version 6.2
Host: Motorola Delta 8640 (under UNIX System V/88 Release 4.0)
Target: Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 930901W1.11327
Compiler Name: VADS SYSTEM V/88 RELEASE 4, VAda-110-8080, Version 6.2
Host: Data General AViiON Model 530 (under DG/UX Release 5.4.2)
Target: Same as Host

* Compiler Vendor: Verdix Corporation
Compiler Type: Base
Validation Certificate #: 940110W1.11337
Compiler Name: VADS Windows NT/486, VAda-110-36315, Version 6.2
Host: Compudyne 486 (under Windows NT 3.1)
Target: Same as Host

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Compiler Vendor: Wang Laboratories, Inc.
Address: 1 Industrial Avenue
MS: 019-890
City: Lowell
State: MA
Zip Code: 01851
Contact Name:
Phone: (508) 967-7002

* Compiler Vendor: Wang Laboratories, Inc.
Compiler Type: Base
Validation Certificate #: 901129W1.11093
Compiler Name: Wang VS Ada, Version 5.00.00
Host: Wang VS 8480 (under Wang VSOS 7.30.02)
Target: Same as Host

* Compiler Vendor: Wang Laboratories, Inc.
Compiler Type: Derived
Validation Certificate #: 901129W1.11093 (BASE)
Compiler Name: Wang VS Ada, Version 5.00.00
Host: Wang VS Models: 100 & 300; 5430, 5440, 5450 & 5460; 7010, 7110, 7120, 7150 & 7310; 8220, 8230, 8260, 8430, 8480, 8470 & 8480; and 10050, 10075 & 10100 (under all VS OS versions 7.21.xx & 7.30.xx)
Target: Same as Host

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Compiler Vendor: York Software Engineering Limited
Address: University of York
City: York, YO1 5DD
State:
Zip Code: ENGLAND
Contact Name: Ron Pierce
Phone: +44 904 433422
E-mail: yse@minster.york.ac.uk

* Compiler Vendor: York Software Engineering Limited
Compiler Type: Base
Validation Certificate #: 901127N1.11073
Compiler Name: York Ada Compiler Environment (ACE), Rel 5
Host: Intergraph InterPro 3050 Workstation (under CLIX R3.1)
Target: Same as Host

* Compiler Vendor: York Software Engineering Limited
Compiler Type: Derived
Validation Certificate #: 901127N1.11073 (BASE)
Compiler Name: York Ada Compiler Environment (ACE), Rel 5
Host: InterAct 220, 2020, 3050, 6040, 6080, 6240 & 6280 (under CLIX Release 3.1)
Target: Any Host

* Compiler Vendor: York Software Engineering Limited
Compiler Type: Derived
Validation Certificate #: 901127N1.11073 (BASE)
Compiler Name: York Ada Compiler Environment (ACE), Rel 5
Host: InterPro 125, 225, 340, 360, 2020, 3070, 6040, 6240, 6080 & 6280 (under CLIX Release 3.1)
Target: Any Host

* Compiler Vendor: York Software Engineering Limited
Compiler Type: Derived
Validation Certificate #: 901127N1.11073 (BASE)
Compiler Name: York Ada Compiler Environment (ACE), Rel 5
Host: InterServe 200, 300, 2000, 3000, 4200, 5200, 6000, 6105 & 6505 (under CLIX Release 3.1)
Target: Any Host

* Compiler Vendor: York Software Engineering Limited
Compiler Type: Derived
Validation Certificate #: 901127N1.11073 (BASE)
Compiler Name: York Ada Compiler Environment (ACE), Rel 5
Host: InterView 220 & 3050 (under CLIX Release 3.1)
Target: Any Host

* Compiler Vendor: York Software Engineering Limited
Compiler Type: Derived
Validation Certificate #: 901127N1.11073 (BASE)
Compiler Name: York Ada Compiler Environment (ACE), Rel 5
Host: Intergraph Series 2400 & 6400–all models that use the C400 chip (under CLIX Release 3.1)
Target: Any Host

* Compiler Vendor: York Software Engineering Limited
Compiler Type: Derived
Validation Certificate #: 901127N1.11073 (BASE)
Compiler Name: York Ada Compiler Environment (ACE), Rel 5
Host: Intergraph Mobile GIS/C2 (under CLIX Release 3.1)
Target: Same as Host

2.7.4 PASCAL PROCESSORS

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
Digital Equipment Corporation	DEC Pascal Version 5.1 for OpenVMS VAX Systems NIST-94/2006; Level 0/1; 9/1/95	VAX 6000-540; OpenVMS VAX Version 6.0	VAXft Models 110, 310, 410, 610, 612; 4000 Models 100, 200, 300, 400, 500, 600; 6000 Models 200, 300, 400, 500, 600; 7000 Model 600; 8200, 8250, 8300, 8350, 8500, 8530, 8550, 8600, 8650, 8700, 8800, 8810, 8820, 8830, 8840; 9000 Models 110, 210, 300 series, 400 series; 10000 Models 600 series; VAX-11/730, /750, /780, /785; MicroVAX II; 2000; 3100 Models 10/10E, 20/20E, 30, 40, 80, 90; 3300, 3400, 3500; 3600; 3800; 3900; VAXstation II; 2000, 3100 Models 30, 38, 40, 48, 76; 3200, 3500, 3520, 3540, 4000 Models 60, 90, VLC; VAXserver 3100, 3300, 3400, 3500, 3600, 3602, 3800, 3900, 4000 Models 200, 300, 500; 6000 Models 210, 220, 310, 320, 410, 420, 510, 520, 610, 620, 630; OpenVMS VAX, Version 6.0
	DEC Pascal Version 5.1 for DEC OSF/1 AXP Systems; NIST-94/2004; Level 0/1; 9/1/95	DEC 3000 Model 400; DEC OSF/1 AXP Version 2.0 Revision 240	DEC 2000 model 300S AXP; 3000 model 300 AXP, 300L AXP, 400 AXP, 400S AXP, 500 AXP, 500S AXP, 600 AXP, 600S AXP, 800 AXP, 800S AXP; 4000 models 600 AXP series, 710 AXP; 7000 model 600 AXP series; 10000 models 600 AXP series; DEC OSF/1 AXP Version 2.0 Revision 240
	DEC Pascal Version 5.2 for OpenVMS AXP Systems; NIST-94/2005; Level 0/1; 9/1/95	DEC 3000 Model 500; OpenVMS AXP Version 6.1	DEC 2000 models 300S, 500; Digital 2100 A500/600MP; AXPvme 64; DEC 3000 models 300, 300L, 300LX, 300X, 400, 400S, 500, 500S, 500X, 600, 600S, 800, 800S; 4000 models 600 AXP series, 700 series, 7000 model 600 AXP Series; DEC 10000 model 600 AXP series; OpenVMS AXP Version 6.1
IBM Canada Ltd.	IBM AIX XL Pascal Compiler/6000 Version 1 Release 1; NIST-94/1521; Level 0/1; 4/1/95	IBM RISC System /6000 POWERstation /POWERserver 560; IBM AIX for RISC System/6000, Version 3 Release 2	IBM RISC System/6000 POWERstation/POWERserver Models 25T, 25W, 58H, 220, 250, 320H, 34H, 340, 350, 360, 370, 520H, 530, 540, 550, 560, 560F, 590, 730; AIX for RISC System/6000 Version 3 Release 2 IBM RISC System/6000 POWERserver Models 25S, 990, 930, 950, 970; AIX for RISC System/6000 Version 3 Release 2
	IBM AIX XL Pascal Compiler/6000 Version 2 Release 1; NIST-94/1522; Level 0/1; 4/1/95	IBM RISC System /6000 POWERstation /POWERserver 560; IBM AIX for RISC System/6000, Version 3 Release 2	IBM RISC System/6000 POWERstation/POWERserver Models 25T, 25W, 58H, 220, 250, 320H, 34H, 340, 350, 360, 370, 520H, 530, 540, 550, 560, 560F, 590, 730; AIX for RISC System/6000 Version 3 Release 2 IBM RISC System/6000 POWERserver Models 25S, 990, 930, 950, 970; AIX for RISC System/6000 Version 3 Release 2
Intergraph Corporation	Clipper Pascal Version 1.8.4B; NIST-95/1165; Level 0/1; 1/1/96	Clipper Model C400- 2430; CLIX Version 7.5	Clipper C300 and C400; CLIX Version 7.5
Metrowerks, Inc.	Metrowerks Pascal "Bronze" Version 1.0 Release b; NIST-94/1682; Level 0; 10/1/95	Apple Quadra 630; Macintosh OS Version 7 Release 1.2P	Apple Power Book 520, 540; Macintosh OS Version 7.1.1 Apple Quadra 650; Macintosh OS Version 7.1.2

PASCAL PROCESSORS, *Continued*

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
Tisoft, Inc.	Green Hills Pascal Compiler Version 1.8.7; NIST-94/2202; Level 0/1; 12/1/95	Compaq Proliant 2000 Model 5/66; SCO UNIX Releaes 3.2 Version 4.2	Compaq ProLiant 1000 486DX2/66, 5/90 SCO Unix Release 3.2 Version 4.2 Compaq ProLiant 2000 Model 5/90 (Dual) Compaq ProLiant 4000 Model 5/90 (QUAD) SCO Unix Release 3.2 Version 4.2 w/SCO MPX Multi-processor Extension Release 3.0
UNISYS Government Systems	Stony Brook Pascal for Windows NT Version 1.0; NIST-94/2161; Level 0; 11/1/95	Intel Express Server Model XLX8TEFTS for Intel 80486DX266; Microsoft Windows NT Server Version 3.5	Intel Classic R+ Workstation; Microsoft Windows NT Workstation Version 3.5
	Stony Brook Pascal for Windows NT Version 1.0; NIST-94/2162; Level 0; 11/1/95	Intel Express Server Model XLX8TEFTS for Intel Pentium 60 MH_z; Microsoft Windows NT Server Version 3.5	Intel Classic R+ Workstation; Microsoft Windows NT Workstation Version 3.5

2.7.5 C PROCESSORS

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
Apple Computer Inc.	CodeWarrior "C" Bronze Version 1.1.1; NIST-94/1681' 10/1/95	Apple Quadra Model 630; Macintosh Operating System Version 7.1.2P	Apple PowerBook 520, 540; Macintosh OS Version 7.1.1 Apple Quadra 650; Macintosh OS Version 7.1.2
AT&T Global Information Systems	NCR C Development Toolkit Release 2; NIST-94/1121; 5/1/95	NCR System 3000 Model 3550; NCR UNIX SVR4 MP-RAS Release 2 Version SVR4	NCR System 3000 Models 3335, 3340, 3345, 3350, 3360, 3410, 3430, 3445, 3447, 3450, 3455, 3470, 3475, 3520, 3525, 3555, 3570, 3575, 3600; NCR UNIX SVR4 MP-RAS Rel. 2
Digital Equipment Corporation	DEC OSF/1 C Compiler Version 3.0; NIST-94/2007; 9/1/95	DEC 3000 Model 400 AXP; DEC OSF/1 Version 3.0	DEC 2000 models 300 AXP, 500 AXP; 2100 Server A500MP, A600MP; 3000 models 300 AXP, 300L, 300X, 300LX, 400 AXP, 400S, 500 AXP, 500S, 600 AXP, 600S, 800 AXP, 800S; 4000 models 610 AXP, 710; 7000 model 610 AXP; 10000 model 610 AXP; DEC OSF/1 Version 3.0
	DEC C for OpenVMS VAX Version 4.0; NIST-94/2009; 9/1/95	VAX 4000 Model 90; OpenVMS VAX Version 6.1	Q-bus Based Systems: MicroVAX II, VAXstation II/GPX[1], VAXstation II/QVSS[2] 1. Graphics Processing Accelerator (GPX) 2. Q-bus Video Sub System (QVSS); VAXserver 3200, 3300, 3400, 3500, 3600, 3800, 3900; 4000, Models 200, 300, 400, 500, 600; VAXstation 3200 3500, 3520, 3540; MicroVAX 3200, 3300, 3400, 3500, 3600, 3800, 3900, VAX 4000, Models 100, 200, 300, 500, 600; 50, 100A, 500A, 600A, 700A; NMI Bus Based Systems: VAX 8530, 8550, 8700, 8800, 8810, 8820, 8830, 8840; VAXserver 8530, 8550; 8700; 8800, 8810, 8820, 8830, 8840; XMI Bus Based Systems: VAX 6000 Series, Models 210, 220, 230, 240; 310, 320, 330, 340, 360; 410, 420, 430, 440, 450, 460; 510, 520, 530, 540, 550, 560; 610, 620, 630, 640; 7000 Models 610, 620, 630, 640, 650, 660; 10000 Models 610, 620, 630, 640, 650, 660; VAXserver 6000, Models 210, 220, 310, 320, 410, 420, 510, 520; 8530, 8550; 8700; 8800, 8810, 8820, 8830, 8840; VAX 8530, 8550, 8700, 8800, 8810, 8820, 8830, 8840; VAXBI Bus Based Systems: VAX 8200, 8250, 8300, 8350, VAXserver 8200, 8250; 8300, 8350; SBI Bus Based Systems: VAX 11/780, 11/785; 8600, 8650, VAXserver 8600, 8650; CMI Bus Based Systems: VAX 11/750; Special System Specific Internal Bus: VAX 11/730; MicroVAX 2000, VAXstation 2000, 2000/GPX, 2000/MFB[3]; 3. Monochrome Frame Buffer (MFB) VAXft 3000, Models 110, 310, 410, 610, 612; MicroVAX 3100, Models 10, 10E, 20, 20E, 30, 40, 80, 90; VAXserver 3100, Models 10, 10E, 20, 20E; VAXstation 3100, Models 30, 38, 40, 48, 76; 3100/GPX, Models 38, 48, 76; 3100/SPX[4], Models 38, 48, 76; 4. 2D Scanline Processor Accelerator Graphics System (SPX); VAXstation 4000, Models 60, 90; 4000-VLC; VAX 9000, Models 110, 110VP[5], 210, 210VP, 310, 310VP; 5. Vector Processor (VP); VAX 9000, Models 320, 320VP, 330, 330VP, 340, 340VP; 410, 410VP, 420, 420VP, 430, 430VP; 440, 440VP OpenVMS VAX, Version 6.1

C PROCESSORS, *Continued*

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
	DEC C for OSF/1 AXP Version 4.0; NIST-94/2008; 9/1/95	DEC 3000 Model 400; DEC OSF/1 Version 3.0	Alpha AXP; DEC 2000 models 300 AXP, 500 AXP; 2100 Server A500MP, A600MP; 3000 models 300 AXP, 300L, 300X, 300LX, 400 AXP, 400S, 500 AXP, 500X, 600 AXP, 600S, 800 AXP, 800S; 4000 models 610 AXP, 710; 7000 model 610 AXP; 10000 model 610 AXP; DEC OSF/1 Version 3.0
	DEC C for OpenVMS AXP Version 4.0; NIST-94/1405; 4/1/95	DECstation 3000 Model 400; OpenVMS AXP Version 6.1	DEC 2000 Model 300S AXP; 3000 Models 300 AXP, 300L AXP, 300X AXP, 300LX AXP, 400 AXP, 400S AXP, 600 AXP, 600S AXP, 800 AXP, 800S AXP; Digital 2100 A600/600 MP; DEC 4000 Models 600 AXP, 700 AXP; DEC 7000 Models 600 AXP; 10000 Model 600 AXP; OpenVMS AXP, Version 6.1
Hewlett-Packard Company	HP C/HP-UX Version A.10.00 Release HP-UX B.10.00; NIST-95/1101; 1/1/96	HP9000 Model 755; HP-UX Version B.10.00	HP9000 Models 8xx, 7xx, 6xx, FxO, GxO, HxO, IxO; HP-UX Version 9.0
	HP C/iX Version A.05.10 Release A.05.10A; NIST-95/1102; 1/1/96	HP3000 Model 967; MPE/iX Version X.50.20 Release 5.0	HP3000 Model 9xx; MPE/iX Version X50.20 Release 5.0
IBM Canada Ltd.	IBM C Set ++ for AIX Version 3 Release 1; NIST-94/2025; 9/1/95	IBM RISC System/6000; IBM AIX Version 4 Release 1	
	IBM C for AIX Version 3 Release 1; NIST-94/2026; 9/1/95	IBM RISC System/6000; IBM AIX Version 4 Release 1	
	IBM ILE C/400 Version 3 Release 1; NIST-94/2123; 11/1/95	AS/400; OS/400 Version 3 Release 1	
	IBM C/370 Compiler Version 2 Release 1; NIST-94/2021; 9/1/95	ES/9000; MVS/ESA SP Version 4 Release 3	3090, 308x, 43xx, 937x; MVS/ESA SP Version 4 Release 3
	IBM SAA AD/Cycle C/370 Compiler Version 1 Release 2; NIST-94/2022; 9/1/95	ES/9000; MVS/ESA SP Version 4 Release 3	3090, 308x, 43xx, 937x; MVS/ESA SP Version 4 Release 3
	IBM SAA AD/Cycle C/370 Compiler Version 1 Release 2; NIST-94/2023; 9/1/95	ES/9000; MVS/ESA SP Version 4 Release 3	3090, 308x, 43xx, 937x; MVS/ESA SP Version 4 Release 3
	IBM SAA AD/Cycle C/370 Compiler Version 1 Release 2; NIST-94/2024; 9/1/95	ES/9000; VM/ESA Version 1 Release 2.1	3090, 308x, 43xx, 937x; VM/ESA Version 1 Release 2.1

C PROCESSORS, *Continued*

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
Intergraph Corporation	Clipper Advanced Optimizing C Version 1.57; NIST-95/1163; 1/1/96	Clipper Model C400- 2430; CLIX Version 7.5	Clipper C300 and C400; CLIX Version 7.5
	Clipper Advanced Optimizing C Version 2.01; NIST-95/1164; 1/1/96	Clipper Model C400- 2430; CLIX Version 7.5	Clipper C300 and C400; CLIX Version 7.5
Microsoft Corporation	Microsoft C/C++ Optimizing Compiler Version 9.00 Release Microsoft Visual C++ Version 2.0; NIST-94/2141; 10/1/95	MIPS/NEX Model Image RISCStation; Microsoft Windows NT Version 3.5	Unisys X-Series Deskside/LX; Compaq Deskpro XE560; IBM Valuepoint 6384-199; Microsoft Windows NT Version 3.5
	Microsoft C/C++ Optimizing Compiler Version 9.00; Release Microsoft Visual C++ Version 2.0; NIST-94/2142; 10/1/95	Unisys X-Series Deskside/LX, model x-series Deskside/LX Microsoft Windows NT Version 3.5	Unisys X-Series Deskside/LX; Compaq Deskpro XE560; IBM Valuepoint 6384-199; Microsoft Windows NT Version 3.5
	Microsoft C/C++ Optimizing Compiler Version 9.00; Release Microsoft Visual C++ Version 2.0; NIST-94/2143; 10/1/95	Compaq Model Deskpro XE560; Microsoft Windows NT Version 3.5	Unisys X-Series Deskside/LX; Compaq Deskpro XE560; IBM Valuepoint 6384-199; Microsoft Windows NT Version 3.5
	Microsoft C/C++ Optimizing Compiler Version 9.00; Release Microsoft Visual C++ Version 2.0; NIST-94/2144; 10/1/95	IBM Valuepoint 6384-199 Microsoft Windows NT Version 3.5	Unisys X-Series Deskside/LX; Compaq Deskpro XE560; IBM Valuepoint 6384-199; Microsoft Windows NT Version 3.5
Pyramid Technology Corp.	DC/OSx ANSI C, Version 3.11 Release c07x; NIST-94/1541; 5/1/95	MIServer-ES; DC/OSx Version 1.1 Release c07x	MIServer-S; DC/OSx Version 1.1 Release c07x
	DC/OSx ANSI C, Version 3.11 Release d07x; NIST-94/1542; 5/1/95	MIServer-NILE; DC/OSx Version 1.1 Release d07x	
SCO Canada, Inc.	SCO XPG4 Development System Supplement Version 1.0; NIST-94/1661; 4/1/95	DELL 486 Model 450DE/2 DGX; SCO UNIX Version 3.2 Release 4.2	
Sequent Computer Systems, Inc.	ptx/C Version 4.0 NIST-95/1242; 2/1/96	SE20; DYNIX/ptx Version 4.0	S2000/290, /490, /790 SE60, SE90, ELS, SE30, SE70, SE100; DYNIX/ptx Version 4.0

C PROCESSORS, *Continued*

SUPPLIER	PROCESSOR ID; VSR#; SUBSET; EXPIRY DATE	HARDWARE; OPERATING SYSTEM	OTHER ENVIRONMENTS
Silicon Graphics Computer Systems, Inc.	C Version SC4-ANSIC-3.19; NIST-94/1443; 10/1/95	4D/CRIM model IP17; IRIX Version 5.3	
	MIPS PRO C Version SC4-ANSIC-6.0; NIST-94/1444; 10/1/95	Challenge model IP21; IRIX Version 6.0	
Sunsoft, A Sun Microsystems, Inc. Business	SPARCompiler C Version 3.0; NIST-93/2184; 2/1/95	SPARCstation 10 SPARCserver 1000; Solaris Version 2.3	
	SPARCompiler C Version 3.0.1; NIST-94/1744; 9/1/95	SPARCstation 5 SPARCstation 20; Solaris Version 2.4	Voyager, SPARCstation 10, SPARCserver 1000, SPARCcenter 2000; Solaris Version 2.4
	ProCompiler C Version 2.0.1; NIST-94/1745; 9/1/95	Gateway 2000 486/33E; UnixWare Version 1.1	
Tandem Computers Incorporated	C Release D30; NIST-94/2182; 12/1/95	Himalaya Range Model K10000 Open System Services on NonStop Kernel Release D30	Himalaya Range K100, K1000 Open System Services on NonStop Kernel Release D30
	C Release D30; NIST-94/2181; 12/1/95	Himalaya Range Model K10000; Guardian on NonStop Kernel Release D30	Himalaya Range K100, K1000; Guardian on NonStop Kernel Release D30
Tisoft, Inc.	Green Hills C Compiler Version 1.8.7; NIST-94/2201; 12/1/95	Compaq ProLiant 2000 Model 5/66; SCO UNIX Release 3.2 Version 4.2	Compaq ProLiant 1000 486DX2/66, 2000 model 5/90 SCO Unix Release 3.2 Version 4.2 Compaq ProLiant 2000 Model 5/90 (Dual) Compaq ProLiant 4000 Model 5/90 (QUAD) SCO Unix Release 3.2 Version 4.2 w/SCO MPX Multi-processor Extension Release 3.0
Unisys	UCS C (UC) Version 4R3 Release SB5R3; NIST-95/1043; 1/1/96	2200 Model 900; 2200 OS EXEC Version 44R3 Release SB5R3	2200 Model 500 2200 OS EXEC Version 44R3 Release SB5R3

2.7.6 M[UMPS] PROCESSORS

No entries at this time.

2.8 LANGUAGE PROCESSORS WITH REGISTERED REPORTS ONLY

No entries at this time.

3. DATABASE LANGUAGE (SQL)

3.1 FIPS Database Language Standards

As specified by the FIPS, FIRMR and the associated Federal ADP and Telecommunications Standards Index, Federal agencies, when acquiring SQL processors, are responsible for assuring that processors are in accordance with the applicable FIPS PUB 127, Database Language SQL. On December 3, 1993, FIPS PUB 127-2 superseded FIPS PUB 127-1.

3.2 Organization of Database Language Processor Entries

Each entry in the VPL is a very limited extract from the Validation Summary Report (VSR) available from the Software Standards Validation Group at NIST. See 3.4 and 3.5 below.

Products validated for conformance to FIPS PUB 127-2 are listed. Products that demonstrated one or more nonconformities, as assessed by the SQL Validation System, are listed separately at the end. (These products are considered "provisionally" validated, pending correction of nonconformities.) The entries in the VPL for database language processors are presented as follows:

- The VENDOR column contains the name of the Vendor of the processor.

- The second column contains the name of the processor, its version number, the VSR number, the Expiry date of the Validation Certificate or the Registered VSR, and the hardware and operating system on which the testing was done. The term "Pre-release" means that the vendor has designated the SQL processor as "not commercially available" at the time of validation. The product is listed to assist users in planning for future procurements. The term "Vendor-Tested Port" means the Vendor has complied with CSL procedures for self-testing a ported version of a registered SQL processor. NIST has reviewed Vendor test results and determined them to be equivalent to those in the referenced BASE VSR.

- The INTERFACES & COMPILERS column contains the names of associated interactive SQL or programming language interfaces, and identification of the programming language compilers that interface with the SQL processor. A listing in the COMPILERS column is not an indication that the compiler has been validated for the applicable programming language standard. See the preceding "Programming Languages" Section for a list of validated compilers.

- The last column entries column include other hardware and operating system environments in which the processor operates, and the programming language compilers that interface with the SQL processor. The listings of the compilers and operating systems may contain a range of versions that are supported. Rebadged or renamed software are also listed here. This column is restricted to binary-compatible hardware environments. This column also lists the number and type of nonconformities for each programming language interface tested. "Schema" nonconformities are deficiencies in support for standard schema definition language constructs. "FIPS Flagger" in this column indicates that the mandatory FIPS Flagger requirement of FIPS 127 was not implemented. Refer to the VSR for details. The number of nonconformities is only one limited measure of the quality of an SQL interface. It is more important to analyze the nature of each individual nonconformity and its impact on meeting user requirements.

3.3 Validation Requirements

Refer to Database Language SQL Validation Procedures. The requirements for validation of database language processors are the same as those for programming language processors, listed in section 2.3.1,

with several exceptions. Expired VSRs are deleted from the VPL to motivate vendors to test new releases of their SQL processors and to demonstrate conformance to more comprehensive versions of the SQL Test Suite. Information about expired VSRs or vendor self-testing with the SQL Test Suite may be available from the vendor.

3.4 Certificate of Validation

A Certificate of Validation is issued for those SQL processors that have been tested and are considered to be in compliance with FIPS as specified by the FIPS, by the FIRMR, and the associated Federal ADP and Telecommunications Standards Index.

3.5 Registered Report

A Validation Summary Report (VSR) that indicates that the SQL processors did not meet the criteria for a Certificate of Validation may be registered by the Computer Systems Laboratory. A VSR is considered registered by CSL when it contains a signed notice that the VSR will be listed in the CSL Validated Products List (VPL).

3.6 Validation Procedures

SQL processors are tested in accordance with the procedures described in the NIST Database Language SQL Validation Procedures. To request a copy of the validation procedures and/or to request the validation of an SQL processor, contact:

National Institute of Standards and Technology
Computer Systems Laboratory
Software Standards Validation Group
Building 225, Room A266
Gaithersburg, Maryland 20899 (U.S.A.)
Telephone (301) 975-2490 (Voice)
(301) 975-3274 (Voice)
(301) 948-6213 (FAX)
e-mail: dashiell@speckle.ncsl.nist.gov (INTERNET)

3.7 SQL Validation System

To request a copy of the SQL Validation System and/or to submit questions regarding the SQL Validation System, contact:

National Institute of Standards and Technology
Computer Systems Laboratory
Database Languages Group
Building 225, Room A266
Gaithersburg, Maryland 20899 (U.S.A.)
Telephone (301) 975-3258 (Voice)
(301) 975-3263 (Voice)
(301) 948-6213 (FAX)
e-mail: sullivan@speckle.ncsl.nist.gov (INTERNET)

3.8 Availability of Validation Summary Report by FTP

ASCII formatted Validation Summary Reports are available in electronic media using the following instructions:

1. Type: **ftp speckle.ncsl.nist.gov** (internet address is 129.6.59.2)
2. Login as user **ftp**
3. Type your e-mail address preceded by a dash (-) as the password
4. Type: **cd sql-testing/VSRs**
5. Type: **ascii**
6. Type: **get** and the name of the file you want. e.g., **README.TXT**.

The README.TXT file contains disclaimer information; read this file for important information regarding potentially missing information from the VSR.

3.8 SQL PROCESSORS

VENDOR	PROCESSOR ID; VSR#; SUBSET; & EXPIRY DATE; HARDWARE; OPERATING SYS.	INTERFACES & COMPILERS	OTHER HW/SW ENVIRONMENTS
	FIPS 127-2 - ZERO NONCONFORMITIES		
	[Entry FIPS 127-2 exceeds requirements for FIPS 127-1 with Integrity Enhancement Option]		
AT&T Global Information Solutions	Teradata DBS, Version 5.F.0 (Pre-release); NIST-94/7150; 12/31/95; Client: Amdahl 5890-600E; IBM MVS XA, V. 2.2.0 Server: DBC/1012 Model 4 DBMS runs native to hardware Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults	Embedded SQL C C Preprocessor 2, V. 5.2 (Pre-release) Embedded COBOL COBOL Preprocessor 2, V. 5.2 (Pre-release) Interactive SQL (FIPS Default)	
Informix Software, Inc.	Informix-OnLine Version 7.10; NIST-95/7011; 12/30/95; SUN SPARCserver 690 MP; Solaris Version 2.4 Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults	Embedded C INFORMIX-ESQL/C Version 7.10 Sunsoft SPARCompiler Version C3.0 Embedded COBOL INFORMIX-ESQL/COBOL Version 7.10 Microfocus COBOL Version V3.1.35	
	Informix-OnLine/Secure Version 7.10; NIST-95/7012; 12/30/95; SUN SPARCstation 10; Solaris Version 2.4 Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults	Embedded C INFORMIX-ESQL/C Version 7.10 Sunsoft SPARCompiler Version C3.0 Embedded COBOL INFORMIX-ESQL/COBOL Version 7.10 Microfocus COBOL Version V3.1.35	
	Informix-OnLine Version 7.10; NIST-95/7013; 12/30/95; SUN SPARCstation 10; Solaris Version 2.4 Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults	Module Ada INFORMIX-ADA/SAME Version 6.0 Sun SPARCworks ADA Version 2.1	

SQL PROCESSORS, *Continued*

VENDOR	PROCESSOR ID; VSR#; SUBSET; & EXPIRY DATE; HARDWARE; OPERATING SYS.	INTERFACES & COMPILERS	OTHER HW/SW ENVIRONMENTS
Ingres, An ASK Company	OpenINGRES SQL, Release 1.0, OpenINGRES Intelligent Database; NIST-94/7121; 5/31/95; SUN SparcStation10; SunOS Version 4.1.3 Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults	Embedded Ada SUN Ada, Version 1.0 Embedded C SUN C Version 2.0.1 Embedded FORTRAN SUN Fortran Version 2.0.1	ESQL/Ada, Rel. 1.0 ESQL/C Rel. 1.0 ESQL/FORTRAN Rel. 1.0
	OpenINGRES SQL, Release 1.0, OpenINGRES Intelligent Database; NIST-94/7122; 5/1/95; DEC VAXstation 3100, Model 38; VAX/VMS Version 5.5 Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults	Embedded Ada VAX Ada, V. 3.0.7 Embedded C VAC C, V. 3.2-044 Embedded FORTRAN VAX Fortran, V. 6.0-1	ESQL/Ada, Rel 1.0 ESQL/C, Rel. 1.0 ESQL/FORTRAN, Rel. 1.0
	OpenINGRES SQL, Release 1.0, OpenINGRES Intelligent Database; NIST-94/7123; 5/31/95; IBM RISC System 6000, Model 530; IBM AIX for RISC System 6000 Version 3.2 Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults	Embedded Ada Verdix Ada, V. 6.1 Embedded C IBM XL C Compiler V. 1.2 Embedded FORTRAN IBM XL FORTRAN Compiler V.2.3	ESQL/Ada Rel. 1.0 ESQL/C Rel. 1.0 ESQL/FORTRAN Rel. 1.0
Oracle Corporation	ORACLE7, Release 7.1; NIST-94/7141; 6/30/95; SUN SPARCstation 10; SunOS V. 5.3 Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults	Embedded C Pro*C, V. 1.6 SPARCompiler C Rel. 3.0	

SQL PROCESSORS, *Continued*

VENDOR	PROCESSOR ID; VSR#; SUBSET; & EXPIRY DATE; HARDWARE; OPERATING SYS.	INTERFACES & COMPILERS	OTHER HW/SW ENVIRONMENTS
	ORACLE7, Release 7.1; NIST-94/7142; 6/30/95; Sequent 2000/700; DYNIX/ptx V. 2.1 Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults	Embedded C Pro*C, V. 1.6, 2.0 DYNIX/ptx Native C	
	ORACLE7, Release 7.1; NIST-94/7143; 6/30/95; SUN SPARCstation 10; SunOS Version 4.1.3 Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults	Module C SQL*Module for C Version 1.0 SunOS V. 4.1.3 SPARCompiler C Rel. 3.0	
	Oracle Rdb for OpenVMS VAX Version 6.0; NIST-94/7111; 03/31/96; VAXstation 3500; OpenVMS VAX, V. 5.4-3 Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults	Embedded Ada Module Ada VAX Ada Version 2.3 Embedded C Module C VAX C Version 3.2 Embedded COBOL Module COBOL VAX COBOL Version 5.1 Embedded FORTRAN Module FORTRAN VAX FORTRAN Version 5.8 Embedded PASCAL Module PASCAL VAX Pascal Version 4.4 Interactive SQL (FIPS Default)	VAX 4000 Models 100, 200, 300, 400, 500, 600; VAX 6000 Models 200, 300, 400, 500, 600; VAX 7000 Model 600; VAX 8200, 8250, 8300, 8350, 8500, 8530, 8550, 8598, 8600, 8650, 8700, 8800, 8810, 8820, 8830, 8840; VAX 9000 Models 110, 210, 300, 400; VAX 10000 Model 600; VAXft 3000 Models 110, 310, 410, 610, 612; VAX-11/730, VAX-11/750, VAX-11/780, VAX-11/785; MicroVAX's II, 2000, 3100 Models 10/10E, 20/20E, 30, 40, 80, 90; MicroVAX's 3200, 3300, 3400, 3500, 3600, 3800, 3900; VAXstation's II, 2000, 3100 Models 30, 38, 40, 48, 76; VAXstation's 3200, 3500, 3520, 3540, 4000 Models 60, 90, VLC; VAXservers 3100, 3200, 3300, 3400, 3500, 3600, 3800, 3900, 4000 Models 200, 300, 400, 500, 600, 700; VAXserver 6000 Models 200, 300, 400, 500, 600 Series; VAXservers 8200, 8250, 8300, 8350, 8530, 8550, 8600, 8650, 8700, 8800, 8810, 8830, 8840 OpenVMS VAX, Vers. 5.4, 5.5, 6.0 VAX Ada V2.0 - 2.3 VAX C V3.0 - 3.2 VAX COBOL V4.2-4.4 VAX COBOL V5.0-5.1 VAX Fortran V5.0 - 5.9 VAX Pascal V4.0 - 4.4

SQL PROCESSORS, *Continued*

VENDOR	PROCESSOR ID; VSR#; SUBSET; & EXPIRY DATE; HARDWARE; OPERATING SYS.	INTERFACES & COMPILERS	OTHER HW/SW ENVIRONMENTS
	Oracle Rdb for OpenVMS AXP Version 6.0; NIST-94/7112; 03/31/96; DEC 2000 Model 300; OpenVMS AXP, V. 1.5 Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults	Embedded Ada Module Ada DEC Ada for OpenVMS AXP, Version 3.0 Embedded C Module C DEC C for OpenVMS AXP, Version 1.3 Embedded COBOL Module COBOL DEC COBOL for OpenVMS AXP, Version 1.1 Embedded FORTRAN Module FORTRAN DEC FORTRAN for OpenVMS AXP, V.6.1 Embedded PASCAL Module PASCAL DEC Pascal for OpenVMS AXP, Version 5.1 Interactive SQL (FIPS Default)	DEC 2000 Model 300, DEC 3000 Models 300, 400 AXP Workstation, DEC 3000 Model 400 AXP Server, DEC 3000 Model 500 AXP Workstation, DEC 3000 Model 500 AXP Server, DEC 4000 Model 610 AXP System, DEC 7000 Model 610 AXP System, DEC 10000 Model 610 AXP System OpenVMS AXP Ver. 1.5 DEC Ada for OpenVMS AXP V.3.0 DEC C for OpenVMS AXP V. 1.3-1.4 DEC COBOL for OpenVMS AXP V. 1.1-2.0 DEC Fortran for OpenVMS AXP V.6.1-6.2 DEC Pascal for OpenVMS AXP V.5.0-5.1
Software AG	ADABAS D, Version 6.1.1 Pre-release; NIST-94/7171; 10/31/95; HP 9000/847 G30 HP-UX Version 9.00 Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults	Schema Processor LOAD, utility bundled with ADABAS D Embedded C C Pre-compiler bundled with ADABAS D C compiler bundled with HP-UX Version 9.00	
	ADABAS D, Version 6.1.1 Pre-release; NIST-94/7172; 10/31/95; HP 9000/847 G30 HP-UX Version 9.00 Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults	Schema Processor LOAD, utility bundled with ADABAS D Embedded COBOL COBOL Pre-compiler bundled with ADABAS D Microfocus COBOL Version 1.1	

SQL PROCESSORS, *Continued*

VENDOR	PROCESSOR ID; VSR#; SUBSET; & EXPIRY DATE; HARDWARE; OPERATING SYS.	INTERFACES & COMPILERS	OTHER HW/SW ENVIRONMENTS
Sybase, Inc.	Sybase System 10 GA Release 10.0.1; NIST-94/7131; 4/30/96; Client: Sun 4/25 SunOS V. 4.1.3 Server: Sun 4/25 SunOS V. 4.1.3 Features Tested: Entry FIPS 127-2 FIPS Sizing Defaults	Schema Processor Interactive SQL (isql) Release 10.0.1 Embedded C Sybase System 10 Embedded SQL/C GA 10.0.1 gcc version 2.3.1	

FIPS 127-2 - ONE OR MORE NONCONFORMITIES

[Entry FIPS 127-2 exceeds requirements for FIPS 127-1 with Integrity Enhancement Option]

No entries for this quarter.

4. GRAPHICS CONFORMANCE TESTING

4.1 FIPS GKS Standard

The Graphical Kernel System (GKS) is a two-dimensional graphics tool box which provides for the display and manipulation of pictures and graphical input from the operator. The purpose of GKS is to promote portability of graphics applications for use on a variety of graphics workstations. It provides a functional interface between an application program and a configuration of graphical devices. The interface is at such a level of abstraction that hardware peculiarities are shielded from the application program.

FIPS PUB 120-1, GKS, is the first Federal Information Processing Standard Publication (FIPS PUB) registered for computer graphics systems. In accordance with FIPS PUB 120-1, two-dimensional graphics toolbox packages acquired for Federal use after November 3, 1986 should implement FIPS GKS. Conformance testing of GKS implementations protects Federal investment by ensuring adherence to the graphics standard. FIPS PUB 120-1 requires that GKS implementations offered to Federal agencies be tested using the NIST Test Suite to ensure that a particular implementation meets the specifications of the FIPS. The GKS Validation Test Suite (Fortran) is available from:

Ms. Susan Sherrick
National Institute of Standards and Technology
Building 225, Room A266
Gaithersburg, MD 20899
(301) 975-3268

4.1.1 Organization of GKS Entries

The entries in the VPL for GKS implementations are presented as follows:

- The VENDOR column contains the name of the Vendor of the implementation.
- The next column contains the name of the implementation, its version number, the Expiry date of the certificate of validation, the VSR number, and level of GKS that was validated.
- The HARDWARE & OP. SYSTEM column presents the hardware and operating system environment used during the validation.
- The last column includes the graphics devices that were validated, and any other environments that have been registered.

4.2 FIPS PHIGS Standard

PHIGS stands for Programmer's Hierarchical Interactive Graphics System. PHIGS is a system for interactive 3-dimensional (3D) graphics applications that provides programmers with a set of features enabling them to manipulate and display complex 3D objects. It is called hierarchical because the complex objects can be built up from simpler objects. PHIGS also provides a rich set of facilities for real-time interaction with the user. While it borrows many concepts from the Graphical Kernel System (GKS) standard, it also introduces many new features, such as a "graphics data base" (the centralized structure store), and support for modeling and viewing.

In accordance with FIPS PUB 153, (PHIGS), 3D graphics packages acquired for Federal use should implement FIPS PHIGS. Conformance testing of PHIGS implementations protects Federal investment by ensuring adherence to the graphics standard. FIPS PUB 153 requires that PHIGS implementations offered to Federal agencies be tested using the NIST PVT (PHIGS Validation Tests) test suite. The test suite ensures that a particular implementation meets the specifications set forth in the FIPS. The PHIGS PVT test suite is available from:

Project Leader, PHIGS Validation Tests
National Institute of Standards and Technology
Computer Systems Laboratory
Bldg. 225, Room A-266
Gaithersburg, MD 20899
phone: (301) 975-3265
e-mail: phigs@speckle.ncsl.nist.gov

4.2.1 Organization of PHIGS Entries

The entries in the VPL for PHIGS implementations are as follows:

- The VENDOR column contains the name of the vendor of the implementation.
- The PHIGS name column contains the name of the implementation, its version number, the Validation Summary Report (VSR) number, and the expiry date of the certification of validation.
- The HARDWARE & OP.SYSTEM column presents the hardware and operating system environment used during the validation.
- The GRAPHICS DEVICES column includes the graphics devices that were validated.
- The entries in the REGISTERED ENVIRONMENTS HW/OS column includes registered hardware and operating systems for the implementation tested. The vendor of the implementation has certified that the identified processor, when operating under the environments included in this column, produces the same test results exhibited during the validation. Test results and other information from these environments may be required as evidence for entries to be included in this column.
- The NONCONFORMITIES column indicates whether or not the PHIGS implementation conforms to the FIPS in one or more cases as evidenced by the validation. The VSR should be reviewed for more details of the nonconformities.

4.3 FIPS CGM Standard

Federal Information Processing Standard Publication (FIPS PUB) 128-1, Computer Graphics Metafile (CGM), is a data interchange standard for the storage and retrieval of picture information in a device independent manner. The purpose of the CGM is to facilitate the transfer of graphical information among different computer systems, graphical devices, and/or applications.

The FIPS PUB 128-1 requires the use of application profiles. In particular, FIPS PUB 128-1 requires the use of military specification MIL-D-28003A, commonly known as the Continuous Acquisition and Life-Cycle Support (CALS) CGM Application Profile (AP). FIPS PUB 128-1 should be used when the representation of graphical information in digital form is to be used in

technical illustrations and publications, and when the use of a general-purpose, graphical interchange mechanism is required.

The NIST CGM Validation Test Service is divided into three testing programs: metafile, generator, and interpreter testing. The purpose of the Test Service is to determine the degree to which the metafile, CGM generator, or CGM interpreter conforms to the FIPS 128-1, and subsequently the CALS CGM AP. Presently, the NIST CGM Validation Test Service addresses only CGM Version 1.

4.3.1 Validation Procedures and Test Suite

CGM files, generators, and interpreters are tested in accordance with procedures described in the NIST Procedures for CGM Testing, NISTIR 5372. The current version of the CGM Generator Test Suite is 1.0; the current version of the Validation Test Software is 5.02. The CGM Interpreter Test Suite is issued as Release 1.1. The validation procedures and test suites are available from:

National Institute of Standards and Technology (NIST)
Computer Systems Laboratory
CGM Test Service
Room A266, Technology Building
Gaithersburg, MD 20899
Telephone: (301) 975-3265

4.3.2 Certificate of Validation

Conformance testing of metafiles focuses on testing an instance of a CGM for conformance to Version 1 CGM as specified in the FIPS PUB 128-1. If the CGM tested is in compliance with the FIPS 128-1, a Certificate of Validation will be issued. The certificate is valid indefinitely; i.e., it does not expire. If a metafile is modified in any way, it will be considered a 'new' CGM and thus, not covered by the certificate. Conformance of a metafile does NOT necessarily imply conformance of a CGM generator, interpreter, or other CGMs created on the same system.

For CGM generator and interpreter testing, a certificate of validation is issued for an implementation that has been tested and is compliant with the FIPS PUB 128-1.

4.3.3 Validated Metafiles

The metafiles identified in Section 4.5 have been tested for conformity with FIPS 128-1. Each entry in the VPL is a very limited extract from the Validation Summary Report (VSR) available from NIST/CSL.

4.4 Raster Graphics Standards

FIPS PUB 150 adopts EIA-538 which defines the facsimile coding schemes and their control functions for Group 4 facsimile apparatus, i.e., ITU-T (formerly CCITT) Recommendation T.6. It defines a standard compression algorithm (T.6 - Group 4) suitable for the storage, retrieval, and interchange of raster graphics images.

Military Specification MIL-R-28002 specifies the structure and encoding of raster data files to be delivered to the government. It specifies the use of the standard compression algorithm defined

in FIPS PUB 150. It also specifies the use of standard file headers which are defined in MIL-STD-1840. MIL-STD-1840 standardizes the format and structure of digital technical data files for the purpose of interchange between organizations or systems.

4.4.1 Certificate of Validation

The Raster Graphics Validation Test Service tests an implementation's capability of both receiving and generating raster graphics data conforming to the specifications in FIPS PUB 150 and MIL-R-28002.

A certificate of validation is issued for an implementation that passes the validation test and conforms to FIPS PUB 150 and MIL-R-28002.

4.4.2 Information Pack

Upon request, a Raster Graphics Validation Test Information Pack is available from:

National Institute of Standards and Technology (NIST)
Computer Systems Laboratory
Raster Graphics Validation Test Service
Technology Building, Room A266
Gaithersburg, MD 20899

4.5 GKS IMPLEMENTATIONS

VENDOR	GKS NAME; EXPIRY DATE; VSR #; LEVEL	HARDWARE; OPERATING SYSTEM	GRAPHICS DEVICES; REGISTERED ENVIRONMENTS
Digital Equipment Corporation	DEC GKS Version 6.0 for Open VMS AXP Systems; 12/1/96; NIST/NCC-94/900; Level 2c	DEC System 3000/500; Open VMS AXP Version 6.1	Motif Workstation PostScript Workstation (using DEC LN03-A2 Laser Printer):
Digital Equipment Corporation	DEC GKS Version 6.0A for DEC OSF/1 AXP Systems; 12/1/96; NIST/NCC-94/901; Level 2c	DEC System 3000/500; DEC OSF/1 AXP Version 2.0	Motif Workstation PostScript Workstation (using DEC LN03-A2 Laser Printer):

4.6 COMPUTER GRAPHICS METAFILES

CLIENT	VSR # & DATE; #CGM Submitted/Conforming	CGM/SIZE/DATE; GENERATOR	PLATFORM (As reported by Vendor)
Interleaf, Inc El Segundo, CA	NIST-M-92/003-001 9/2/92; 1/1	asg.cgm 8880 8/31/92; Interleaf Inc MDL/G	Interleaf 5 v5.3, HP9000/700, HP UX v8.07
IBM Corporation Federal Sector Division Oswego, NY	NIST-M-92/005-002 10/28/92; 5/5	gcgm_l220.cgm 5280 10/27/92; GRAFPAK-CGM 1.1.2	IBM RS6000 Model 220, AIX 3.2
		gcgm_i530.cgm 5280 10/27/92; GRAFPAK-CGM 1.1.2	IBM RS6000 Model 530, AIX 3.2
		gcgm_n345.cgm 5280 10/27/92; GRAFPAK-CGM 1.1.2	NCR 3450, NCR UNIX SVR4
		gcgm_n355.cgm 5280 10/27/92; GRAFPAK-CGM 1.1.2	NCR 3550, NCR UNIX SVR4
		gks_i530.cgm 23680 10/27/92; GRAFPAK-GKS 4.0	IBM RS6000 Model 530, AIX 3.2
ESRI Boulder CO	NIST-M-93/006-003 1/26/93; 5/5	sun.cgm 181680 1/19/93; ARC/INFO	SUN SparcStation, Sun OS 4.1.3
		ibm.cgm 181680 1/19/93; ARC/INFO	IBM RS6000, AIX 3.2
		dg.cgm 181680 1/19/93; ARC/INFO	Data General AViiON, DG/UX 5.4.1
		dec.cgm 181680 1/19/93; ARC/INFO	DecStation 5000, ULTRIX 4.2a
		sgi.cgm 181680 1/19/93; ARC/INFO	Silicon Graphics Indigo, IRIX 4.0.2
EDS Herndon, VA	NIST-M-93/007-004 1/29/93; 3/3	demo5.cgm 13280 1/28/93; GRAFPAK-GKS 4.0	SPARCStation 10 Model 30, Solaris 2.1
		demo7.cgm 5360 1/28/93; GRAFPAK-GKS 4.0	SPARCStation 10 Model 30, Solaris 2.1
		demo8.cgm 3840 1/28/93; GRAFPAK-GKS 4.0	SPARCStation 10 Model 30, Solaris 2.1

4.7 PHIGS APPLICATIONS

No entries at this time.

5. NIST POSIX CONFORMANCE TESTING

5.1 FIPS POSIX Standard

The National Institute of Standards and Technology through its Computer Systems Laboratory (NIST/CSL) has established a conformance testing program for the Federal Information Standard for POSIX (FIPS 151-1 and FIPS 151-2). FIPS 151-2 replaced FIPS 151-1 in its entirely on October 15, 1993. These standards are based on the IEEE POSIX Std. 1003.1-1988 (FIPS 151-1) and ISO/IEC 9945-1:1990 (FIPS 151-2). The testing model includes a Certification Authority, NVLAP Accredited Testing Laboratories, Clients and the official NIST POSIX Conformance Test Suites. The Certification Authority is the Director of NIST/CSL. The National Voluntary Laboratory Accreditation Program (NVLAP), part of NIST, accredits the testing laboratories. The test suites NIST-PCTS:151-1 and NIST-PCTS:151-2 were developed by NIST/CSL and are based on the test assertions specified by the IEEE Standard for Information Technology — Test Methods for Measuring Conformance to POSIX, IEEE Std. 1003.3-1991 (NIST-PCTS:151-1) and the IEEE Standard for Information Technology — Test Methods for Measuring conformance to POSIX.1, IEEE Std 2003.1-1992 (NIST-PCTS:151-2).

5.2 POSIX Test Procedures

There are Accredited POSIX Testing Laboratories (APTLs) accredited by NVLAP for using one or both test suites. NVLAP accreditation is renewable after one year, and identifies the specific testing procedures which the lab is authorized to run. The labs provide testing and analysis services to their clients and may forward the final test results to NIST/CSL for evaluation and subsequent issuance of a Certificate of Validation by NIST/CSL.

Testing policy documents and registers of validated products and accredited laboratories and available on an electronic mail (email) file server system. For most email systems, send an email message to posix@nist.gov (mail posix@nist.gov). The first line of the message should contain a command to send index (send index). After issuing the send command and a carriage return, end the email message. A listing of all of the available files will be returned via email to the requesting email address.

5.3 POSIX Test Suite

The NIST-PCTS:151-2 is available from NIST/CSL, POSIX Certification Authority, Building 225 Room B266, National Institute of Standards and Technology, Gaithersburg, MD 20899.

5.4 Validation Requirements

An accredited lab may submit a "clean" test report to NIST/CSL for evaluation in anticipation of a Certification of Validation being issued. "Clean" implies no test assertion failures. The Certificate of Validation will confirm that the stated product has been tested using the official NIST-PCTS and that the test results have been validated by NIST/CSL. The Certificate of Validation and the Test Results Summary contain information on the product tested, the implementation that was tested, the suppliers, conditional features that were tested, configuration details and the identification of the testing laboratory. These certificates are issued by NIST/CSL through the testing lab. Fees for services by the testing labs are established by the labs.

5.5 TESTING LABORATORIES for NIST POSIX (FIPS 151-1)

The National Voluntary Laboratory Accreditation Program (NVLAP) has accredited the following laboratories to test computer operating system interfaces for conformance with the Federal Information Processing Standard 151-1 (FIPS 151-1) using the NIST POSIX Conformance Test Suite (NIST-PCTS:151-1). Only accredited laboratories may submit test reports to NIST/CSL for validation.

ACCREDITED NIST POSIX TESTING LABORATORIES

The National Voluntary Laboratory Accreditation Program (NVLAP) has accredited the following laboratories to test computer operating system interfaces for conformance with the Federal Information Processing Standard 151-1 (FIPS 151-1) using the NIST POSIX Conformance Test Suite (NIST-PCTS:151-1). Only accredited laboratories may submit test reports to NIST/CSL for validation.

BULL S.A. / Laboratoire POSIX
1 rue de Provence / BP208
38432 ECHIROLLES CEDEX (France)

Contact: Mr. Georges Chardon
Phone: (33) 76 39 75 93

DataFocus Incorporated
12450 Fair Lakes Circle, Suite 400
Fairfax, VA 22033-3831

Contact: Mr. Glen McPherson
Phone: 703-631-6770

Mindcraft, Inc.
410 Cambridge Avenue
Palo Alto, CA 94306

Contact: Mr. Bruce Weiner
Phone: 415-323-9000

PERENNIAL
4699 Old Ironsides Drive, Suite 210
Santa Clara, CA 95054

Contact: Mr. Barry E. Hedquist
Phone: 408-748-2900

5.6 VALIDATED PRODUCTS for NIST POSIX (FIPS 151-1)

NIST POSIX VALIDATED PRODUCTS

The following products have been tested by an Accredited POSIX Testing Laboratory (APTL) using the official National Institute of Standards and Technology POSIX Conformance Test Suite (NIST-PCTS:151-1) for the Federal Information Processing Standards Publication 151-1 (FIPS PUB 151-1). A Certificate of Validation has been issued by NIST/CSL. Additional information is available from NIST/CSL on conditional features supported, configuration details, and resolved test codes (if appropriate).

PRODUCT SUPPLIERS	REFERENCE FILE #
Amdahl Corporation	AMD5598
Apple Computer Inc.	APP2482, APP3355, APP7204, APP7224, APP7235, APP8616, APP9125, APP9165
AT&T	ATT1566
BULL S.A.	BUL2387, BUL6051
Control Data Corporation	CDC1101, CDC5574, CDC5750
CONVEX Computer Corporation	CON0202, CON2551, CON6027
Cray Research, Inc.	CRA2641
Data General Corporation	DGC2542, DGC4767, DGC8016, DGC8703, DGC9391, DGC9574
Digital Equipment Corp.	DEC0319, DEC0638, DEC4670, DEC5794, DEC7386, DEC7833, DEC7917, DEC8003, DEC9418, DEC9672
Encore Computer Corporation	ENC6897
ESIX/Everex Systems, Inc.	EVR0901, EVR9749
Harris Corporation	HAR5240
Hewlett-Packard Company	HPC0115, HPC0303, HPC0535, HPC0603, HPC1581, HPC1992, HPC2540, HPC2698, HPC2952, HPC3574, HPC3760, HPC3897, HPC4246, HPC6304, HPC6391, HPC6637, HPC6906, HPC7051, HPC7716, HPC8098, HPC9185
Interactive Systems Corp.	INT5154
Intergraph Corporation	INT4675
International Business Machines, Inc.	IBM0320, IBM0458, IBM1344, IBM2592, IBM3697
Lynx Real-Time Systems, Inc.	LNX3076
Modular Computer Systems, Inc.	MOD4817
Motorola Computer Group	MOT1086, MOT5618
NCR Corporation	NCR0554, NCR1448, NCR2047, NCR2805, NCR3061, NCR3331, NCR4518, NCR5533, NCR7380, NCR7549
NeXT Computer, Inc.	NXT0623
Pyramid Technology Corporation	PYR1271, PYR3067, PYR3233, PYR4970, PYR9863
Santa Cruz Operation Inc.	SCO3664, SCO3832, SCO4102, SCO5199, SCO6748, SCO8054, SCO9875
Sequent Computer Systems Inc.	SEC8754
Silicon Graphics, Inc.	SGI5507, SGI9297
Sun Microsystems Computer Corp.	SUN1065, SUN1442, SUN2031, SUN2727, SUN2930, SUN3272, SUN3402, SUN5684, SUN5782, SUN5970, SUN6602, SUN7188, SUN7793
SunSoft, Inc.	SUN0617, SUN2241, SUN3129, SUN3403, SUN4529, SUN5382, SUN6635, SUN6859, SUN8720, SUN9763
Unisys Corporation	UNI0505, UNI1798, UNI3690, UNI5711, UNI9063, UNI9080
Univel	UNV0528, UNV2014, UNV3055, UNV3978, UNV9180
UNIX System Laboratories	USL2115, USL3610, USL6259

SYSTEM SUPPLIERS	REFERENCE FILE #
AGI Computer, Inc.	EVR0901
Alpha Systems Lab	SUN3403
Amdahl Corporation	AMD5598
Apple Computer Inc.	APP2482, APP3355, APP7204, APP7224, APP7235, APP8616, APP9125, APP9165
AST Research, Inc.	SCO4102, UNV3055, UNV9180, USL2115, USL6259
AT&T	ATT1566, USL3610
BULL S.A.	BUL2387, BUL6051
Compaq Computer Corporation	INT5154, LNX3076, SUN6859
Control Data Corporation	CDC1101, CDC5574, CDC5750
CONVEX Computer Corp.	CON0202, CON2551, CON6027
Cray Research, Inc.	CRA2641
Data General Corporation	DGC2542, DGC4767, DGC8016, DGC8703, DGC9391, DGC9574, SCO6748
Dell Computer Corporation	SUN1065
Diamond Flower Incorporated	SCO3664, SCO8054
Digital Equipment Corp.	DEC0319, DEC0638, DEC4670, DEC5794, DEC7386, DEC7833, DEC7917, DEC8003, DEC9418, DEC9672
Encore Computer Corporation	ENC6897
ESIX/Everex Systems, Inc.	EVR9749
Harris Corporation	HAR5240
Hewlett-Packard Company	HPC0115, HPC0303, HPC0535, HPC1581, HPC1992, HPC2540, HPC2698, HPC2952, HPC3574, HPC3760, HPC3897, HPC4246, HPC0603, HPC6304, HPC6391, HPC6637, HPC6906, HPC7051, HPC7716, HPC8098, HPC9185
Intergraph Corporation	INT4675
International Business Machines	IBM0320, IBM0458, IBM1344, IBM2592, IBM3697
Modular Computer Systems, Inc.	MOD4817
Motorola Computer Group	MOT1086, MOT5618
NCR Corporation	NCR0554, NCR1448, NCR2047, NCR2805, NCR3061, NCR3331, NCR4518, NCR5533, NCR7380, NCR7549
NeXT Computer, Inc.	NXT0623
Pyramid Technology Corp.	PYR1271, PYR3067, PYR3233, PYR4970, PYR9863
RDI	SUN3402
Sequent Computer Systems Inc.	SEC8754
Silicon Graphics, Inc.	SGI5507, SGI9297
Sun Microsystems Corp.,	SUN0617, SUN1442, SUN2031, SUN2241, SUN2727, SUN2930, SUN3129, SUN3272, SUN4529, SUN5382, SUN5684, SUN5782, SUN5970, SUN6602, SUN6635, SUN7188, SUN7793, SUN8720, SUN9763
Unisys Corporation	SCO9875, UNI0505, UNI1798, UNI3690, UNI5711, UNI9063, UNI9080, UNV0528, UNV2014, UNV3978
Zenith Data Systems	SCO3832, SCO5199

Reference File #: AMD5598
Product Supplier: Amdahl Corporation
Product Tested: UTS System Version: 4 Release: 1
System Supplier: Amdahl Corporation
System Hardware: 5995M Model: 4550
C Compiler: Amdahl C Version: 1.5 Release: June, 1993
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 07/23/93

Reference File #: APP2482
Product Supplier: Apple Computer Inc.
Product Tested: A/UX Version: 2.0.1 Release: 01/30/1991
System Supplier: Apple Computer Inc.
System Hardware: Macintosh Model: IIfx
C Compiler: A/UX native C compiler (cc) Ver: 1.21 Rel: 1/13/1991
PCTS: 151-1 Version: 1.1 - 04/26/91
APTL: 0342 Mindcraft, Inc. Date Issued: 05/24/91

Reference File #: APP3355
Product Supplier: Apple Computer Inc.
Product Tested: A/UX Version: 3.0 Release: March 9, 1992
System Supplier: Apple Computer Inc.
System Hardware: Macintosh Model: Quadra 700
C Compiler: A/UX native C compiler (cc) Ver: 1.23 Rel: Feb 9, 1992
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0342 Mindcraft, Inc. Date Issued: 04/16/92

Reference File #: APP7204
Product Supplier: Apple Computer Inc.
Product Tested: A/UX Version: 3.0.1 Release: April 23, 1993
System Supplier: Apple Computer Inc.
System Hardware: Workgroup Server Model: 80
C Compiler: A/UX Developer's Tools (c89) Ver: 1.1 Rel: Apr 1, 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 06/24/93

Reference File #: APP7224
Product Supplier: Apple Computer Inc.
Product Tested: A/UX Version: 3.0 Release: March 9, 1992
System Supplier: Apple Computer Inc.
System Hardware: Macintosh Model: Quadra 950
C Compiler: A/UX native C compiler (cc) Ver: 1.23 Rel: Feb 9, 1992
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0342 Mindcraft, Inc. Date Issued: 05/14/92

Reference File #: APP7235
Product Supplier: Apple Computer Inc.
Product Tested: A/UX Version: 2.0.1 Release: 01/30/1991
Supplier: Apple Computer Inc. Hardware: Macintosh Model: IIci
C Compiler: A/UX native C compiler (cc) Ver: 1.21 Rel: 01/13/1991
PCTS: 151-1 Version: 1.1 - 04/26/91
APTL: 0342 Mindcraft, Inc. Date Issued: 05/24/91

Reference File #: APP8616
Product Supplier: Apple Computer Inc.
Product Tested: A/UX Version: 2.0.1 Release: 01/30/1991
Supplier: Apple Computer Inc. Hardware: Macintosh Model: IIsi
C Compiler: A/UX native C compiler (cc) Ver: 1.21 Rel: 01/13/1991
PCTS: 151-1 Version: 1.1 - 04/26/91
APTL: 0342 Mindcraft, Inc. Date Issued: 05/24/91

Reference File #: APP9125
Product Supplier: Apple Computer Inc.
Product Tested: A/UX Version: 3.0 Release: March 9, 1992
System Supplier: Apple Computer Inc.
System Hardware: Macintosh Model: Quadra 700
C Compiler: A/UX Developer's Tools (c89) Ver: 1.1 Rel: April 1, 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 08/11/92

Reference File #: APP9165
Product Supplier: Apple Computer Inc.
Product Tested: A/UX Version: 3.0 Release: March 9, 1992
System Supplier: Apple Computer Inc.
System Hardware: Macintosh Model: Quadra 950
C Compiler: A/UX Developer's Tools (c89) Ver: 1.1 Rel: Apr 1, 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 08/11/92

Reference File #: ATT1566
Product Supplier: AT&T
Product Tested: AT&T UNIX System V Ver: Release 4 Rel: 4.0.3
System Supplier: AT&T
System Hardware: AT&T 3B2 R3 Series Model: 3B2/600 GR
C Compiler: AT&T 3B2/RISC C Development System Version: 1.0
PCTS: 151-1 Version: 1.1 - 09/11/91
APTL: 0343 DataFocus Incorporated Date Issued: 11/06/91

Reference File #: BUL2387
Product Supplier: BULL S.A.
Product Tested: BOS Version: 2 Release: 1
System Supplier: BULL S.A.
System Hardware: DPX/2 Model: 200
C Compiler: C Compiler Version: 72 Release: 1
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0373 BULL S.A./Laboratoire POSIX Date Issued: 2/24/93

Reference File #: BUL6051
Product Supplier: BULL S.A.
Product Tested: BOS/X Version: 3 Release: 2
System Supplier: BULL S.A.
System Hardware: DPX/20 Model: 620
C Compiler: BOS/X XLC C Compiler Version: 1 Release: 02
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0373 BULL S.A./Laboratoire POSIX Date Issued: 1/22/93

Reference File #: CDC1101
Product Supplier: Control Data Corporation
Product Tested: EP/IX Version: 1.4.2 Release: November 27, 1991
System Supplier: Control Data Corporation
System Hardware: Control Data 4000 Model: 4680MP
C Compiler: EP/IX C Language RISCompiler V: C 2.11 Rel: July 1990
PCTS: 151-1 Version: 1.1 - 09/11/91
APTL: 0356 Applications Software Incorporated Date Issued: 1/29/92

Reference File #: CDC5574
Product Supplier: Control Data Corporation
Product Tested: EP/IX Version: 1.3.1 Release: 03/21/1991
System Supplier: Control Data Corporation
System Hardware: Control Data 4000 Model: 4330-250
C Compiler: EP/IX C Language RISCompiler Version: 2.11 Release: July 1990
PCTS: 151-1 Version: 1.1 - 04/26/91
APTL: 0356 Applications Software Incorporated Date Issued: 05/24/91

Reference File #: CDC5750
Product Supplier: Control Data Corporation
Product Tested: EP/IX Version: 1.3.1 Release: 03/21/1991
System Supplier: Control Data Corporation
System Hardware: Control Data 4000 Model: 4680
C Compiler: EP/IX C Language RISCompiler Version: 2.11 Release: 07/16/1990
PCTS: 151-1 Version: 1.1 - 04/26/91
APTL: 0356 Applications Software Incorporated Date Issued: 05/24/91

Reference File #: CON0202
Product Supplier: CONVEX Computer Corporation
Product Tested: ConvexOS Version: 10.1 Release: C200 Series
System Supplier: CONVEX Computer Corporation
System Hardware: C2 Model: C220
C Compiler: CONVEX C Version: 4.3.2
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0343 DataFocus Incorporated Date Issued: 05/11/92

Reference File #: CON2551
Product Supplier: CONVEX Computer Corporation
Product Tested: ConvexOS Version: 10.1 Release: C3800 Series
System Supplier: CONVEX Computer Corporation
System Hardware: C38 Model: C3810
C Compiler: CONVEX C Version: 4.3.2
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0343 DataFocus Incorporated Date Issued: 05/11/92

Reference File #: CON6027
Product Supplier: CONVEX Computer Corporation
Product Tested: ConvexOS Version: 10.1 Release: C3400 Series
System Supplier: CONVEX Computer Corporation
System Hardware: C34 Model: C3440
C Compiler: CONVEX C Version: 4.3.2
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0343 DataFocus Incorporated Date Issued: 05/11/92

Reference File #: CRA2641
Product Supplier: Cray Research, Inc.
Product Tested: UNICOS Version: 7.0.5.bu Release: 7.0
System Supplier: Cray Research, Inc.
System Hardware: Cray Y-MP Model: YMP2E/232-4
C Compiler: Cray Standard C Compiler Release: 3.0.5 (5/20/93)
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0343 DataFocus Incorporated Date Issued: 10/14/93

Reference File #: DEC0319
Product Supplier: Digital Equipment Corporation
Product Tested: DEC OSF/1 Version: 1.2 Release: March 1993
System Supplier: Digital Equipment Corporation
System Hardware: DEC/3000 Model: 500
C Compiler: DEC OSF/1 for AXP C Compiler Version: 1 Release: March 1993
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 03/10/93

Reference File #: DEC0638
Product Supplier: Digital Equipment Corporation
Product Tested: VMS Version: 5 Release: 5 (with VMS POSIX, version 1.0)
System Supplier: Digital Equipment Corporation
System Hardware: VAXstation Model: 3100 M76
C Compiler: VAX C Version: 3 Release: 2
PCTS: 151-1 Version: 1.1 - 09/11/91
APTL: 0343 DataFocus Incorporated Date Issued: 01/29/92

Reference File #: DEC4670
Product Supplier: Digital Equipment Corporation
Product Tested: The ULTRIX Operating System Version: 4.3A Release: July 1993
System Supplier: Digital Equipment Corporation
System Hardware: DECstation Model: 5000/150
C Compiler: Mips C Compiler Version: 3.0
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 06/24/93

Reference File #: DEC5794
Product Supplier: Digital Equipment Corporation
Product Tested: ULTRIX Version: 4.2 Release: May 31, 1991
System Supplier: Digital Equipment Corporation
System Hardware: VAXstation II Model: GPX
C Compiler: pcc Version: 4.2
PCTS: 151-1 Version: 1.1 - 04/26/91
APTL: 0342 Mindcraft, Inc. Date Issued: 06/17/91

Reference File #: DEC7386
Product Supplier: Digital Equipment Corporation
Product Tested: The ULTRIX Operating System Version: 4.3 Release: August 1992
System Supplier: Digital Equipment Corporation
System Hardware: DECstation Model: 5000/200
C Compiler: Mips C Compiler Version: 2.10
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 09/18/92

Reference File #: DEC7833
Product Supplier: Digital Equipment Corporation
Product Tested: OpenVMS VAX Version: 6 Release: 0 (with OpenVMS VAX POSIX, Version X1.2-35E)
System Supplier: Digital Equipment Corporation
System Hardware: VAXstation Model: 3100 M76
C Compiler: VAX C Version: 3 Release: 2
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0343 DataFocus Incorporated Date Issued: 10/14/93

Reference File #: DEC7917
Product Supplier: Digital Equipment Corporation
Product Tested: the ULTRIX Operating System Version: 4.2A Release: November 18, 1991
System Supplier: Digital Equipment Corporation
System Hardware: DECstation Model: 3100
C Compiler: MIPS C Compiler Version: 2.10
PCTS: 151-1 Version: 1.1 - 09/11/91
APTL: 0342 Mindcraft, Inc. Date Issued: 12/06/91

Reference File #: DEC8003
Product Supplier: Digital Equipment Corporation
Product Tested: The ULTRIX Operating System Version: 4.3A Release: July 1993
System Supplier: Digital Equipment Corporation
System Hardware: DECstation Model: 5000/260
C Compiler: Mips C Compiler Version: 3.0
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 06/24/93

Reference File #: DEC9418
Product Supplier: Digital Equipment Corporation
Product Tested: ULTRIX Version: 4.2 Release: May 31, 1991
System Supplier: Digital Equipment Corporation
System Hardware: DECstation Model: 3100
C Compiler: MIPS C Compiler Version: 2.10
PCTS: 151-1 Version: 1.1 - 04/26/91
APTL: 0342 Mindcraft, Inc. Date Issued: 06/17/91

Reference File #: DEC9672
Product Supplier: Digital Equipment Corporation
Product Tested: The ULTRIX Operating System Version: 4.2A Release: December 1991
System Supplier: Digital Equipment Corporation
System Hardware: DECstation Model: 5000/200
C Compiler: MIPS C Compiler Version: 2.10
PCTS: 151-1 Version: 1.1 - 09/11/91
APTL: 0342 Mindcraft, Inc. Date Issued: 02/12/92

Reference File #: DGC2542
Product Supplier: Data General Corporation
Product Tested: DG/UX Version: 5.4
System Supplier: Data General Corporation
System Hardware: AViion 5000 Model: AV/5240
C Compiler: GNU C Compiler for AViiON Systems Version: 1.37.23
PCTS: 151-1 Version: 1.1 - 07/01/91
APTL: 0342 Mindcraft, Inc. Date Issued: 09/10/91

Reference File #: DGC4767
Product Supplier: Data General Corporation
Product Tested: DG/UX Version: 5.4.2 Release: August 1992
System Supplier: Data General Corporation
System Hardware: AViion AV/530/4600 Model: AV/532
C Compiler: GNU C Compiler for AViiON Systems Version: DG-2.2.3
Release: August 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 09/09/92

Reference File #: DGC8016
Product Supplier: Data General Corporation
Product Tested: DG/UX Version: 5.4
System Supplier: Data General Corporation
System Hardware: AViion 400/4000 Model: AV/4100
C Compiler: GNU C Compiler for AViiON Systems Version: 1.37.23
PCTS: 151-1 Version: 1.1 - 07/01/91
APTL: 0342 Mindcraft, Inc. Date Issued: 09/10/91

Reference File #: DGC8703
Product Supplier: Data General Corporation
Product Tested: DG/UX Version: 5.4
System Supplier: Data General Corporation
System Hardware: AViion 400/4000 Model: AV/412
C Compiler: GNU C Compiler for AViiON Systems Version: 1.37.23
PCTS: 151-1 Version: 1.1 - 07/01/91
APTL: 0342 Mindcraft, Inc. Date Issued: 09/10/91

Reference File #: DGC9391
Product Supplier: Data General Corporation
Product Tested: DG/UX Version: 4.32
System Supplier: Data General Corporation
System Hardware: AViion AV/400/4000 Model: AV/410
C Compiler: GNU C Compiler for AViion Sys Version: 1.37.23
PCTS: 151-1 Version: 1.1 - 04/26/91
APTL: 0342 Mindcraft, Inc. Date Issued: 05/24/91

Reference File #: DGC9574
Product Supplier: Data General Corporation
Product Tested: DG/UX Version: 5.4.2 Release: August 1992
System Supplier: Data General Corporation
System Hardware: AViion AV/8000 Model: AV/6240
C Compiler: GNU C Compiler for AViiON Systems Version: DG-2.2.3
Release: August 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 11/03/92

Reference File #: ENC6897
Product Supplier: Encore Computer Corporation
Product Tested: UMAX V Release: 3.0.6
System Supplier: Encore Computer Corporation
System Hardware: 91 Series Model: 91-02427
C Compiler: Green Hills Software, Inc. C Release: 1.1
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0345 UniSoft Corporation Date Issued: 3/12/92

Reference File #: EVR0901
Product Supplier: ESIX/Everex Systems, Inc.
Product Tested: ESIX System V Release 4 Version: 4 Release: 4.0
System Supplier: AGI Computer, Inc.
System Hardware: AGI Model: 486/33
C Compiler: ESIX ANSI C Compiler Version: 5.0
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0343 DataFocus Incorporated Date Issued: 05/28/92

Reference File #: EVR9749
Product Supplier: ESIX/Everex Systems, Inc.
Product Tested: ESIX System V Release 4 Version: 4 Release: 4.0
System Supplier: ESIX/Everex Systems, Inc.
System Hardware: Everex Model: 3000S 386/33
C Compiler: ESIX ANSI C Compiler Version: 5.0
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0343 DataFocus Incorporated Date Issued: 05/28/92

Reference File #: HAR5240
Product Supplier: Harris Corporation
Product Tested: CX/UX Release: 5.3
System Supplier: Harris Corporation, Computer Systems Division
System Hardware: Night Hawk Model: HN4802
C Compiler: Harris C Compiler Release: 5.3
PCTS: 151-1 Version: 1.1 - 09/11/91
APTL: 0342 Mindcraft, Inc. Date Issued: 12/16/91

Reference File #: HPC0115
Product Supplier: Hewlett-Packard Company
Product Tested: HP-UX Version: 8.02 Release: 10/06/91
System Supplier: Hewlett-Packard Company
System Hardware: HP9000 Series 800 Model: 867S
C Compiler: HP C Compiler Version: A 08.71 Release: 10/06/91
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 12/08/92

Reference File #: HPC0303
Product Supplier: Hewlett-Packard Company
Product Tested: HP-UX Version: 8.02 Release: 10/06/91
System Supplier: Hewlett-Packard Company
System Hardware: HP9000 Series 800 Model: 867s
C Compiler: HP C Compiler Version: A 08.17 Release: 10/06/91
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0346 Hewlett-Packard POSIX Conformance Test Center Date Issued: 09/09/92

Reference File #: HPC0535
Product Supplier: Hewlett-Packard Company
Product Tested: Domain/OS Version: 10.4 Release: April 1992
System Supplier: Hewlett-Packard Company
System Hardware: Domain Series 4000 Model: DN4500
C Compiler: Domain/C Version: 6.9.M/MPX Release: May 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0346 Hewlett-Packard POSIX Conformance Test Center Date Issued: 09/2/92

Reference File #: HPC0603
Product Supplier: Hewlett-Packard Company
Product Tested: HP-UX Version: 9.01 Release: January 4, 1993
System Supplier: Hewlett-Packard Company
System Hardware: HP9000 Series 700 Model: 735
C Compiler: HP C Compiler Version: HP92453-01 A.09.19 Release: December, 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 2/19/93

Reference File #: HPC1581
Product Supplier: Hewlett-Packard Company
Product Tested: HP-UX Version: 8.02 Release: 10/06/91
System Supplier: Hewlett-Packard Company
System Hardware: HP9000 Series 800 Model: 827S
C Compiler: HP C Compiler Version: A 08.71 Release: 10/06/91
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 12/08/92

Reference File #: HPC1992
Product Supplier: Hewlett-Packard Company
Product Tested: HP-UX Version: 8.08 Release: 11/23/92
System Supplier: Hewlett-Packard Company
System Hardware: HP9000 Series 800 Model: 827S
C Compiler: HP C Compiler Version: A 08.71 Release: 10/06/91
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 12/08/92

Reference File #: HPC2540
Product Supplier: Hewlett-Packard Company
Product Tested: HP-UX Version: 8.07 Release: December 1991
System Supplier: Hewlett-Packard Company
System Hardware: HP9000 Series 700 Model: 720
C Compiler: HP C Compiler Version: A 08.71 Release: Dec 1991
PCTS: 151-1 Version: 1.1 - 09/11/91
APTL: 0346 Hewlett-Packard POSIX Conformance Test Center Date Issued: 01/29/92

Reference File #: HPC2698
Product Supplier: Hewlett-Packard Company
Product Tested: HP-UX Version: 8.02 Release: 10/06/91
System Supplier: Hewlett-Packard Company
System Hardware: HP9000 Series 800 Model: 817S
C Compiler: HP C Compiler Version: A 08.71 Release: 10/06/91
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 12/08/92

Reference File #: HPC2952
Product Supplier: Hewlett-Packard Company
Product Tested: Domain/OS Version: 10.4 Release: April 1992
System Supplier: Hewlett-Packard Company
System Hardware: Domain Series 400 Model: 433s
C Compiler: Domain/C Version: 6.9.M/MPX Release: May 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0346 Hewlett-Packard POSIX Conformance Test Center Date Issued: 09/2/92

Reference File #: HPC3574
Product Supplier: Hewlett-Packard Company
Product Tested: HP-UX Version: 9.0 Release: October 7, 1992
System Supplier: Hewlett-Packard Company
System Hardware: HP9000 Series 400 Model: 433S
C Compiler: HP C Compiler Version: B2371B.08.00 Internal Revision 70.2 Release: October 7, 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 2/19/93

Reference File #: HPC3760
Product Supplier: Hewlett-Packard Company
Product Tested: HP-UX Version: 8.02 Release: 10/06/91
System Supplier: Hewlett-Packard Company
System Hardware: HP9000 Series 800 Model: 847S
C Compiler: HP C Compiler Version: A 08.71 Release: 10/06/91
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 12/08/92

Reference File #: HPC3897
Product Supplier: Hewlett-Packard Company
Product Tested: HP-UX Version: 9.0 Release: October 7, 1992
System Supplier: Hewlett-Packard Company
System Hardware: HP9000 Series 800 Model: 847S
C Compiler: HP C Compiler Version: A 09.19 Release: Oct 7, 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 1/07/93

Reference File #: HPC4246
Product Supplier: Hewlett-Packard Company
Product Tested: HP-UX Version: 8.08 Release: 11/23/92
System Supplier: Hewlett-Packard Company
System Hardware: HP9000 Series 800 Model: 807S
C Compiler: HP C Compiler Version: A 08.71 Release: 10/06/91
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 12/08/92

Reference File #: HPC6304
Product Supplier: Hewlett-Packard Company
Product Tested: HP-UX Version: 9.01 Release: January 4, 1993
System Supplier: Hewlett-Packard Company
System Hardware: HP9000 Series 700 Model: 720
C Compiler: HP C Compiler Ver: HP92453-01 A.09.19 Rel: Dec, 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 2/19/93

Reference File #: HPC6391
Product Supplier: Hewlett-Packard Company
Product Tested: HP-UX Version: 8.00 with PHCO_0800 (Patch) Release: January 1991, January 1992 (Patch)
System Supplier: Hewlett-Packard Company
System Hardware: HP9000 Series 400 Model: 400S
C Compiler: HP C Compiler Version: B 08.00 Release: Dec. 1991
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0346 Hewlett-Packard POSIX Conformance Test Center Date Issued: 04/17/92

Reference File #: HPC6637
Product Supplier: Hewlett-Packard Company
Product Tested: HP-UX Version: 8.08 Release: 11/23/92
System Supplier: Hewlett-Packard Company
System Hardware: HP9000 Series 800 Model: 817S
C Compiler: HP C Compiler Version: A 08.71 Release: 10/06/91
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 12/08/92

Reference File #: HPC6906
Product Supplier: Hewlett-Packard Company
Product Tested: HP-UX Version: 9.01 Release: January 4, 1993
System Supplier: Hewlett-Packard Company
System Hardware: HP9000 Series 700 Model: 715
C Compiler: HP C Compiler Ver: HP92453-01 A.09.19 Rel: Dec. 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 2/19/93

Reference File #: HPC7051
Product Supplier: Hewlett-Packard Company
Product Tested: HP-UX Version: 8.08 Release: 11/23/92
System Supplier: Hewlett-Packard Company
System Hardware: HP9000 Series 800 Model: 867S
C Compiler: HP C Compiler Version: A 08.71 Release: 10/06/91
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 12/08/92

Reference File #: HPC7716
Product Supplier: Hewlett-Packard Company
Product Tested: HP-UX Version: 8.08 Release: 11/23/92
System Supplier: Hewlett-Packard Company
System Hardware: HP9000 Series 800 Model: 847S
C Compiler: HP C Compiler Version: A 08.71 Release: 10/06/91
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 12/08/92

Reference File #: HPC8098
Product Supplier: Hewlett-Packard Company
Product Tested: HP-UX Version: 8.02 Release: 10/06/91
System Supplier: Hewlett-Packard Company
System Hardware: HP9000 Series 800 Model: 807S
C Compiler: HP C Compiler Version: A 08.71 Release: 10/06/91
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 12/08/92

Reference File #: HPC9185
Product Supplier: Hewlett-Packard Company
Product Tested: HP-UX Version: 8 Release: 5/6/91
System Supplier: Hewlett-Packard Company
System Hardware: HP9000 Series 800 Model: 835
C Compiler: HP C Compiler Version: A 08.17 Release: 5/6/91
PCTS: 151-1 Version: 1.1 - 09/11/91
APTL: 0346 Hewlett-Packard POSIX Conformance Test Center Date Issued: 12/18/91

Reference File #: IBM0320
Product Supplier: International Business Machines Inc.
Product Tested: AIX Version 3 for RISC System/6000 Version: 3 Release: 2
System Supplier: International Business Machines Inc.
System Hardware: RISC System/6000 Model: 220
C Compiler: xlc Version: 1 Release: 2
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0342 Mindcraft, Inc. Date Issued: 02/25/92

Reference File #: IBM0458
Product Supplier: International Business Machines Inc.
Product Tested: AIX Version 3 for RISC System/6000 Version: 3 Release: 2
System Supplier: International Business Machines Inc.
System Hardware: RISC System/6000 Model: 530H
C Compiler: xlc Version: 1 Release: 2
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0342 Mindcraft, Inc. Date Issued: 02/25/92

Reference File #: IBM1344
Product Supplier: International Business Machines Inc.
Product Tested: AIX Version: 3 Release: 1
System Supplier: International Business Machines Inc.
System Hardware: RISC System/6000 Model: 320
C Compiler: xlc Version: 3 Release: 1
PCTS: 151-1 Version: 1.1 - 04/26/91
APTL: 0342 Mindcraft, Inc. Date Issued: 05/24/91

Reference File #: IBM2592
Product Supplier: International Business Machines Inc.
Product Tested: AIX Version: 3 Release: 1
System Supplier: International Business Machines Inc.
System Hardware: RISC System/6000 Model: 530
C Compiler: xlc Version: 3 Release: 1
PCTS: 151-1 Version: 1.1 - 04/26/91
APTL: 0342 Mindcraft, Inc. Date Issued: 05/24/91

Reference File #: IBM3697
Product Supplier: International Business Machines Inc.
Product Tested: AIX Version 3 for RISC System/6000 Version: 3 Release: 2
System Supplier: International Business Machines Inc.
System Hardware: RISC System/6000 Model: 320
C Compiler: xlc Version: 1 Release: 2
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0342 Mindcraft, Inc. Date Issued: 02/25/92

Reference File #: INT4675
Product Supplier: Intergraph Corporation
Product Tested: CLIX Version: 06.02.01 Release: 3.1
System Supplier: Intergraph Corporation
System Hardware: Intergraph 6400 Series Workstation Model: 6450
C Compiler: CLIPPER Advanced Optimizing C Compiler Version: 06.00.01.43 Release: 28-JAN-1992
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0343 DataFocus Incorporated Date Issued: 05/28/92

Reference File #: INT5154
Product Supplier: Interactive Systems Corp.
Product Tested: Interactive UNIX Operating System Version: 3.0 Release: 3.2
System Supplier: Compaq Computer Corporation
System Hardware: Compaq Model: System Pro
C Compiler: Interactive UNIX Software Development System Ver: 3.0
PCTS: 151-1 Version: 1.1 - 09/11/91
APTL: 0345 UniSoft Corporation Date Issued: 10/16/91

Reference File #: LNX3076
Product Supplier: Lynx Real-Time Systems, Inc.
Product Tested: LynxOS Version: 2 Release: 2.2.0
System Supplier: Compaq Computer Corporation
System Hardware: ProLinea Model: 4/33
C Compiler: gcc Version: 1.42 Release: September 19, 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 10/14/93

Reference File #: MOD4817
Product Supplier: Modular Computer Systems, Inc.
Product Tested: REAL/IX Version: V.3 Release: D.0
System Supplier: Modular Computer Systems, Inc.
System Hardware: REAL/STAR Model: 1000
C Compiler: GNU C Compiler for REAL/IX Systems Version: 1.37
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0342 Mindcraft, Inc. Date Issued: 05/05/92

Reference File #: MOT1086
Product Supplier: Motorola Computer Group
Product Tested: UNIX® System V/88 Release 4.0 Version: 3 Release: 4.0
System Supplier: Motorola Computer Group
System Hardware: Motorola Series 8000 Model: 8x40
C Compiler: Software Development System Version: T302.0 Release: 12/2/92
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0343 DataFocus, Inc. Date Issued: 2/19/93

Reference File #: MOT5618
Product Supplier: Motorola Computer Group
Product Tested: UNIX® System V/88 Release 4.0 Version: 3 Release: 4.0
System Supplier: Motorola Computer Group
System Hardware: Motorola Series 8000 Model: 8x20
C Compiler: Software Development System Ver: T302.0 Rel: 12/2/92
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0343 DataFocus, Inc. Date Issued: 2/19/93

Reference File #: NCR0554
Product Supplier: NCR Corporation
Product Tested: NCR UNIX System V Ver: Release 4 Rel: 4.0.4
System Supplier: NCR Corporation
System Hardware: NCR 3B2 R3 Series Model: 3B2/1000 R3 (Military ID: 3B2/600 GR)
C Compiler: 3B2/RISC C Development System Release: 1.1
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0343 DataFocus, Inc. Date Issued: 12/09/92

Reference File #: NCR1448
Product Supplier: NCR Corporation
Product Tested: NCR UNIX System V Release 4 MP-RAS, Rel 2 Version: SVR4 Release: 2
System Supplier: NCR Corporation
System Hardware: System 3000 Model: 3455
C Compiler: NCR C Development Toolkit Release: 2
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0343 DataFocus, Inc. Date Issued: 10/08/93

Reference File #: NCR2047
Product Supplier: NCR Corporation
Product Tested: NCR System V Release 4 MP-RAS, Rel 2 Version: SVR4 Release: 2
System Supplier: NCR Corporation
System Hardware: System 3000 Model: 3447
C Compiler: NCR C Development Toolkit Release: 2
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0343 DataFocus, Inc. Date Issued: 06/26/92

Reference File #: NCR2805
Product Supplier: NCR Corporation
Product Tested: NCR System V Release 4 MP-RAS, Rel 2 Version: SVR4 Release: 2
System Supplier: NCR Corporation
System Hardware: System 3000 Model: 3450
C Compiler: NCR C Development Toolkit Release: 2
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0343 DataFocus, Inc. Date Issued: 06/26/92

Reference File #: NCR3061
Product Supplier: NCR Corporation
Product Tested: NCR UNIX System V Release 4 MP-RAS, Rel 2 Version: SVR4 Release: 2
System Supplier: NCR Corporation
System Hardware: System 3000 Model: 3555
C Compiler: NCR C Development Toolkit Release: 2
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0343 DataFocus, Inc. Date Issued: 10/08/93

Reference File #: NCR3331
Product Supplier: NCR Corporation
Product Tested: NCR System V Release 4 MP-RAS, Rel 2 Version: SVR4 Release: 2
System Supplier: NCR Corporation
System Hardware: System 3000 Model: 3345
C Compiler: NCR C Development Toolkit Release: 2
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0343 DataFocus, Inc. Date Issued: 06/26/92

Reference File #: NCR4518
Product Supplier: NCR Corporation
Product Tested: NCR System V Release 4 MP-RAS, Rel 2 Version: SVR4 Release: 2
System Supplier: NCR Corporation
System Hardware: System 3000 Model: 3550
C Compiler: NCR C Development Toolkit Release: 2
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0343 DataFocus, Inc. Date Issued: 06/26/92

Reference File #: NCR5533
Product Supplier: NCR Corporation
Product Tested: NCR UNIX System V Release 4 MP-RAS, Rel 2 Version: SVR4 Release: 2
System Supplier: NCR Corporation
System Hardware: System 3000 Model: 3520
C Compiler: NCR C Development Toolkit Release: 2
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0343 DataFocus, Inc. Date Issued: 10/08/93

Reference File #: NCR7380
Product Supplier: NCR Corporation
Product Tested: UNIX® System V Release 4.0 Version 3.1 Version: 3.1 Release: 4.0
System Supplier: NCR Corporation
System Hardware: StarServer E Model: Release 3
C Compiler: Optimized C Compiler Version: 5.0
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0343 DataFocus, Inc. Date Issued: 03/10/93

Reference File #: NCR7549
Product Supplier: NCR Corporation
Product Tested: NCR UNIX System V Release 4 MP-RAS, Rel 2 Version: SVR4 Release: 2
System Supplier: NCR Corporation
System Hardware: System 3000 Model: 3525
C Compiler: NCR C Development Toolkit Release: 2
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0343 DataFocus, Inc. Date Issued: 10/08/93

Reference File #: NXT0623
Product Supplier: NeXT Computer, Inc.
Product Tested: NEXTSTEP Version: 3.2 Release: November 5, 1993 (with POSIX for NEXTSTEP version 1.0)
System Supplier: NeXT Computer, Inc.
System Hardware: NeXTstation Model: Color Turbo
C Compiler: NEXTSTEP DEVELOPER Version: 3.2 Release: November 5, 1993
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 10/08/93

Reference File #: PYR1271
Product Supplier: Pyramid Technology Corporation
Product Tested: OSx Version: 5.1a-92a023 Release: 0422s
System Supplier: Pyramid Technology Corporation
System Hardware: MIServer Model: MIS-2T
C Compiler: att_cc Version: 5.1
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0343 DataFocus Incorporated Date Issued: 05/28/92

Reference File #: PYR3067
Product Supplier: Pyramid Technology Corporation
Product Tested: DataCenter/OSx Version: dcosx Release: 1.1-92c027
System Supplier: Pyramid Technology Corporation
System Hardware: MIServer Model: 2S
C Compiler: DataCenter/OSx C Compiler Release: 1.1-92c027
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0343 DataFocus Incorporated Date Issued: 09/09/92

Reference File #: PYR3233
Product Supplier: Pyramid Technology Corporation
Product Tested: DataCenter/OSx Version: dcosx Release: 1.1-92c027
System Supplier: Pyramid Technology Corporation
System Hardware: MIServer Model: 12S
C Compiler: DataCenter/OSx C Compiler Release: 1.1-92c027
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0343 DataFocus Incorporated Date Issued: 10/05/92

Reference File #: PYR4970
Product Supplier: Pyramid Technology Corporation
Product Tested: DataCenter/OSx Version: dcosx Rel: 1.1-92c027
System Supplier: Pyramid Technology Corporation
System Hardware: MIServer Model: 4S
C Compiler: DataCenter/OSx C Compiler Release: 1.1-92c027
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0343 DataFocus Incorporated Date Issued: 09/09/92

Reference File #: PYR9863
Product Supplier: Pyramid Technology Corporation
Product Tested: OSx Version: 5.1a Release: 0318t
System Supplier: Pyramid Technology Corporation
System Hardware: MIServer Model: MIS-4T
C Compiler: att_cc Version: 5.1
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0343 DataFocus Incorporated Date Issued: 05/28/92

Reference File #: SCO3664
Product Supplier: Santa Cruz Operation Inc.
Product Tested: SCO Open Desktop Version: 2.0
System Supplier: Diamond Flower Incorporated
System Hardware: DFI Model: 486SX/25
C Compiler: Microsoft C Version: 5.1
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0343 DataFocus Incorporated Date Issued: 11/02/92

Reference File #: SCO3832
Product Supplier: Santa Cruz Operation Inc.
Product Tested: SCO UNIX System V/386 Version: Release 3.2
System Supplier: Zenith Data Systems
System Hardware: Z Station Model: 433DEh
C Compiler: Microsoft C Version: 5.1
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0343 DataFocus Incorporated Date Issued: 09/28/92

Reference File #: SCO4102
Product Supplier: Santa Cruz Operation, Inc.
Product Tested: SCO UNIX System V/386 Version: Release 3.2
System Supplier: AST Research, Inc.
System Hardware: Premium Series Model: 486/33
C Compiler: Microsoft C Version: 5.1
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0343 DataFocus, Inc. Date Issued: 07/01/92

Reference File #: SCO5199
Product Supplier: Santa Cruz Operation Inc.
Product Tested: SCO UNIX System V/386 Version: 3.2
System Supplier: Zenith Data Systems
System Hardware: Zenith Data Systems Supersport Laptop Model: Supersport SX
C Compiler: Microsoft C Version: 5.1
PCTS: 151-1 Version: 1.1 - 07/01/91
APTL: 0343 DataFocus Incorporated Date Issued: 09/17/91

Reference File #: SCO6748
Product Supplier: Santa Cruz Operation Inc.
Product Tested: SCO UNIX System V/386 Version: 3.2 Release: 2
System Supplier: Data General Corporation
System Hardware: Walkabout/SX Model: G2763
C Compiler: Microsoft C Optimizing Compiler Version: 5.1
PCTS: 151-1 Version: 1.1 - 07/01/91
APTL: 0342 Mindcraft, Inc. Date Issued: 09/10/91

Reference File #: SCO8054
Product Supplier: Santa Cruz Operation Inc.
Product Tested: SCO Open Desktop Version: 2.0
System Supplier: Diamond Flower Incorporated
System Hardware: DFI Model: 486/33
C Compiler: Microsoft C Version: 5.1
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0343 DataFocus Incorporated Date Issued: 11/02/92

Reference File #: SCO9875
Product Supplier: Santa Cruz Operation Inc.
Product Tested: SCO UNIX System V/386 Version: 3.2
System Supplier: UNISYS Corporation
System Hardware: PW^2 Advantage 3000 Series Model: 3256
C Compiler: Microsoft C Version: 5.1
PCTS: 151-1 Version: 1.1 - 09/11/91
APTL: 0343 DataFocus Incorporated Date Issued: 11/01/91

Reference File #: SEC8754
Product Supplier: Sequent Computer Systems Inc.
Product Tested: DYNIX/ptx Operating System Version: 1.3.0
System Supplier: Sequent Computer Systems Inc.
System Hardware: Symmetry Series II Model: S27
C Compiler: C Tools Version: 1.12p
PCTS: 151-1 Version: 1.1 - 09/11/91
APTL: 0345 UniSoft Corporation Date Issued: 12/09/91

Reference File #: SGI5507
Product Supplier: Silicon Graphics, Inc.
Product Tested: IRIX Version: 4.0.5
System Supplier: Silicon Graphics, Inc.
System Hardware: IRIS Model: Crimson
C Compiler: IRIS Development Option Version: 2.20
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0342 Mindcraft, Inc. Date Issued: 06/15/92

Reference File #: SGI9297
Product Supplier: Silicon Graphics, Inc.
Product Tested: IRIX Version: 4.0.5
System Supplier: Silicon Graphics, Inc.
System Hardware: IRIS Model: Indigo
C Compiler: IRIS Development Option Version: 2.20
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0342 Mindcraft, Inc. Date Issued: 06/15/92

Reference File #: SUN0617
Product Supplier: SunSoft, Inc.
Product Tested: Solaris Version: 1.0.1 Release: PC
System Supplier: Sun Microsystems Computer Corporation, Inc.
System Hardware: SPARCstation IPC Model: GX
C Compiler: Solaris C Compiler Version: 1.0.1 Release: Dec 4, 1991
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0343 DataFocus Incorporated Date Issued: 08/27/92

Reference File #: SUN1065
Product Supplier: Sun Microsystems Computer Corporation, Inc.
Product Tested: Solaris 2.1 for x86 Version: 2.1 Release: May 1993
System Supplier: Dell Computer Corporation
System Hardware: 450 Model: DE
C Compiler: ProCompiler C Version: 2.0.1 for x86 Rel: May 1993
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 05/20/93

Reference File #: SUN1442
Product Supplier: Sun Microsystems Computer Corporation, Inc.
Product Tested: Solaris Version: 2.2 Release: May 28, 1993
System Supplier: Sun Microsystems Computer Corporation, Inc.
System Hardware: SPARCstation LX Model: 4/30
C Compiler: Sun C Compiler Version: 2.0.1 Release: Oct. 3, 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 05/28/93

Reference File #: SUN2031
Product Supplier: Sun Microsystems Computer Corporation, Inc.
Product Tested: Solaris Version: 2.1 Release: August 4, 1992
System Supplier: Sun Microsystems Computer Corporation, Inc.
System Hardware: SunWorkstation 4/30 Model: 4/30
C Compiler: Sun C Compiler Version: 2.0 Release: June 30, 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 10/08/92

Reference File #: SUN2241
Product Supplier: SunSoft, Inc.
Product Tested: Solaris Version: 2.0 Release: June 1992
System Supplier: Sun Microsystems Computer Corporation, Inc.
System Hardware: SPARCstation 2 Model: 4/75
C Compiler: Sun C Compiler Version: 2.0 Release: 20 May 1992
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0342 Mindcraft, Inc. Date Issued: 07/02/92

Reference File #: SUN2727
Product Supplier: Sun Microsystems Computer Corporation, Inc.
Product Tested: Solaris Version: 2.1 Release: December 7, 1992
System Supplier: Sun Microsystems Computer Corporation, Inc.
System Hardware: SPARCserver 10 Model: 42
C Compiler: Sun C Compiler Version: 2.0.1 Release: Oct. 3, 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 1/07/93

Reference File #: SUN2930
Product Supplier: Sun Microsystems Computer Corporation, Inc.
Product Tested: Solaris Version: 2.2 Release: May 28, 1993
System Supplier: Sun Microsystems Computer Corporation, Inc.
System Hardware: SPARCstation 2 Model: 4/75
C Compiler: Sun C Compiler Version: 2.0.1 Release: Oct. 3, 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 05/28/93

Reference File #: SUN3129
Product Supplier: SunSoft, Inc.
Product Tested: Interactive Unix Operating System V/386 Version: 3.0.1 Release: 3.2
System Supplier: Compaq Computer Corporation
System Hardware: Desk Pro Model: 386/20E
C Compiler: Interactive Unix Software Development System Version: 3.0 Release: December 4, 1991
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0345 UniSoft Corporation Date Issued: 9/18/92

Reference File #: SUN3272
Product Supplier: Sun Microsystems Computer Corporation, Inc.
Product Tested: Solaris Version: 2.2 Release: May 28, 1993
System Supplier: Sun Microsystems Computer Corporation, Inc.
System Hardware: SPARCenter 10 Model: 54
C Compiler: Sun C Compiler Version: 2.0.1 Release: Oct. 3, 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 05/28/93

Reference File #: SUN3402
Product Supplier: Sun Microsystems Computer Corporation, Inc.
Product Tested: Solaris Version: 2.1 Release: August 4, 1992
System Supplier: RDI
System Hardware: BriteLite Model: IPX Color Laptop Workstation
C Compiler: Sun C Compiler Version: 2.0 Release: June 30, 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 10/16/92

Reference File #: SUN3403
Product Supplier: SunSoft, Inc.
Product Tested: Interactive Unix Operating System V/386 Version: 3.0.1 Release: 3.2
System Supplier: Alpha Systems Lab
System Hardware: ASL486/33 Model: ASL433
C Compiler: Interactive Unix Software Development System Version: 3.0
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0345 UniSoft Corporation Date Issued: 10/05/92

Reference File #: SUN4529
Product Supplier: SunSoft, Inc.
Product Tested: Solaris Version: 1.1 Version C Release: August 13, 1993
System Supplier: Sun Microsystems Computer Corporation, Inc.
System Hardware: SPARCclassic Model: 4/15
C Compiler: Solaris C Compiler Version: 1.1 Release: August 13, 1993
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 10/14/93

Reference File #: SUN5382
Product Supplier: SunSoft, Inc.
Product Tested: Solaris Version: 1.0.1 Release: PC
System Supplier: Sun Microsystems Computer Corporation, Inc.
System Hardware: SPARCstation IPX Model: GX
C Compiler: Solaris C Compiler Version: 1.0.1 Release: December 4, 1991
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0343 DataFocus Incorporated Date Issued: 09/02/92

Reference File #: SUN5684
Product Supplier: Sun Microsystems Computer Corporation, Inc.
Product Tested: Solaris Version: 2.1 Release: December 7, 1992
System Supplier: Sun Microsystems Computer Corporation, Inc.
System Hardware: SPARCclassic Model: 4/15
C Compiler: Sun C Compiler Version: 2.0.1 Release: October 3, 1992

PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 1/07/93

Reference File #: SUN5782
Product Supplier: Sun Microsystems Computer Corporation, Inc.
Product Tested: Solaris Version: 2.1 Release: August 4, 1992
System Supplier: Sun Microsystems Computer Corporation, Inc.
System Hardware: SPARCserver 10 Model: 30
C Compiler: Sun C Compiler Version: 2.0 Release: June 30, 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 10/08/92

Reference File #: SUN5970
Product Supplier: Sun Microsystems Computer Corporation, Inc.
Product Tested: Solaris Version: 2.1 Release: August 4, 1992
System Supplier: Sun Microsystems Computer Corporation, Inc.
System Hardware: SPARCserver 10 Model: 41
C Compiler: Sun C Compiler Version: 2.0 Release: June 30, 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 10/08/92

Reference File #: SUN6602
Product Supplier: Sun Microsystems Computer Corporation, Inc.
Product Tested: Solaris Version: 2.2 Release: May 28, 1993
System Supplier: Sun Microsystems Computer Corporation, Inc.
System Hardware: SPARCenter 2000 Model: 01
C Compiler: Sun C Compiler Version: 2.0.1 Release: October 3, 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 05/28/93

Reference File #: SUN6635
Product Supplier: SunSoft, Inc.
Product Tested: Solaris Version: 1.0.1 Release: PC
System Supplier: Sun Microsystems Computer Corporation, Inc.
System Hardware: SPARCserver 690 Model: 140
C Compiler: Solaris C Compiler Ver 1.0.1 Release December 4, 1991
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0342 Mindcraft, Inc. Date Issued: 02/19/92

Reference File #: SUN6859
Product Supplier: SunSoft, Inc.
Product Tested: INTERACTIVE UNIX Operating System V/386 Version: 4.0 Release: 3.2
System Supplier: Compaq Computer Corporation
System Hardware: DeskPro Model: 66M
C Compiler: INTERACTIVE Software Development System Version: 4.0 Release: May 1993
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 07/15/93

Reference File #: SUN7188
Product Supplier: Sun Microsystems Computer Corporation, Inc.
Product Tested: Solaris Version: 1.1 Release: August 24, 1992
System Supplier: Sun Microsystems Computer Corporation, Inc.
System Hardware: SPARCstation 10 Model: GX-30
C Compiler: Solaris C Compiler Version: 1.1 Release: August 24, 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 08/27/92

Reference File #: SUN7793
Product Supplier: Sun Microsystems Computer Corporation, Inc.
Product Tested: Solaris Version: 2.1 Release: August 4, 1992
System Supplier: Sun Microsystems Computer Corporation, Inc.
System Hardware: SPARCserver 10 Model: 42
C Compiler: Sun C Compiler Version: 2.0 Release: June 30, 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 10/08/92

Reference File #: SUN8720
Product Supplier: SunSoft, Inc.
Product Tested: Solaris Version: 1.1 Version C Release: August 13, 1993
System Supplier: Sun Microsystems Computer Corporation, Inc.
System Hardware: SPARCstation Model: 4/30
C Compiler: Solaris C Compiler Version: 1.1 Release: Aug 13, 1993
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 10/14/93

Reference File #: SUN9763
Product Supplier: SunSoft, Inc.
Product Tested: Solaris Version: 1.0.1 Release: PC
System Supplier: Sun Microsystems Computer Corporation, Inc.
System Hardware: SPARCstation 2 Model: GX
C Compiler: Solaris C Compiler Version: 1.0.1 Release: Dec 4, 1991
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0342 Mindcraft, Inc. Date Issued: 02/19/92

Reference File #: UNI0505
Product Supplier: Unisys Corporation
Product Tested: UNIX System V Release 4 Version: Revision 1.0.2
System Supplier: Unisys Corporation
System Hardware: Unisys U 6000 Series Model: U 6000/15

C Compiler: UNIX System V Release 4 Standard C Development Environment Version: 1.0.2
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0342 Mindcraft, Inc. Date Issued: 04/30/92

Reference File #: UNI1798
Product Supplier: Unisys Corporation
Product Tested: UNIX System V Release 4 Version: Revision 1.0.2
System Supplier: Unisys Corporation
System Hardware: Unisys U 6000 Series Model: U 6000/65

C Compiler: UNIX System V Release 4 Standard C Development Environment Version: 1.0.2
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0342 Mindcraft, Inc. Date Issued: 05/12/92

Reference File #: UNI3690
Product Supplier: Unisys Corporation
Product Tested: UNIX System V Release 4 Version: 1.1 Release: October 30, 1992
System Supplier: Unisys Corporation
System Hardware: Unisys U 6000 Series Model: U6000/65
C Compiler: UNIX System V Release 4 Standard C Development Environment Version: 1.1
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 09/28/92

Reference File #: UNI5711
Product Supplier: Unisys Corporation
Product Tested: UNIX System V Release 4 Version: Revision 1.0.2
System Supplier: Unisys Corporation
System Hardware: Unisys U 6000 Series Model: U 6000/60

C Compiler: UNIX System V Release 4 Standard C Development Environment Version: 1.0.2
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0342 Mindcraft, Inc. Date Issued: 05/12/92

Reference File #: UNI9063
Product Supplier: Unisys Corporation
Product Tested: UNIX System V Release 4 Version: Revision 1.0.2
System Supplier: Unisys Corporation
System Hardware: Unisys U 6000 Series Model: U 6000/35
C Compiler: UNIX System V Release 4 Standard C Development Environment Version: 1.0.2
PCTS: 151-1 Version: 1.1 - 01/22/92
APTL: 0342 Mindcraft, Inc. Date Issued: 05/12/92

Reference File #: UNI9080
Product Supplier: Unisys Corporation
Product Tested: CTOS II Version: 3 Release: 3
System Supplier: Unisys Corporation
System Hardware: Unisys B-Series Model: NGEN
C Compiler: Microsoft C Version: 6.0
PCTS: 151-1 Version: 1.1 - 07/01/91
APTL: 0343 DataFocus Incorporated Date Issued: 09/17/91

Reference File #: UNV0528
Product Supplier: Univel
Product Tested: UnixWare Version: 1.0 Release: June 1993
System Supplier: Unisys Corporation
System Hardware: Unisys U 6000/DT Series/PW^2 Advantage Plus Series Model: U6000/DT1 (MPE 4332)
C Compiler: Optimizing C Compilation Sys Ver: 2.0 Rel: Nov 2, 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 05/18/93

Reference File #: UNV2014
Product Supplier: Univel
Product Tested: UnixWare Version: 1.0 Release: June 1993
System Supplier: Unisys Corporation
System Hardware: Unisys U 6000/DT Series/PW^2 Advantage Plus Series Model: U6000/DT2 (MPE 4663)
C Compiler: Optimizing C Compilation System Version: 2.0 Release: Nov. 2, 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 05/18/93

Reference File #: UNV3055
Product Supplier: Univel
Product Tested: UnixWare Application Server Version: 1.0 Release: October 1992
System Supplier: AST Research, Inc.
System Hardware: Premium 486/33 Model: 3V
C Compiler: UnixWare Software Development Kit Version: 1.0 Release: October 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 10/08/93

Reference File #: UNV3978
Product Supplier: Univel
Product Tested: UnixWare Version: 1.0 Release: June 1993
System Supplier: Unisys Corporation
System Hardware: Unisys PW^2 Advantage Series Model: MPI 4336)
C Compiler: Optimizing C Compilation System Version: 2.0 Release: Nov. 2, 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 05/18/93

Reference File #: UNV9180
Product Supplier: Univel
Product Tested: UnixWare Personal Edition Version: 1.0 Release: October 1992
System Supplier: AST Research, Inc.
System Hardware: Premium 486/33 Model: 3V
C Compiler: UnixWare Software Development Kit Version: 1.0 Release: October 1992
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 10/08/93

Reference File #: USL2115
Product Supplier: UNIX System Laboratories, Inc.
Product Tested: UNIX System V Release 4 Version: 4 Release: 4.0
System Supplier: AST Research, Inc.
System Hardware: Premium Series Model: 486/33
C Compiler: Standard C Development Environment Version: 5.0
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0343 DataFocus, Inc. Date Issued: 07/01/92

Reference File #: USL3610
Product Supplier: UNIX System Laboratories, Inc.
Product Tested: UNIX® System V Release 4 for the Intel386™ Architecture Version: 4
Release: July 1991
System Supplier: AT&T
System Hardware: AT&T 6386/25 WGS Model: CPU 311 PC3B
C Compiler: Standard C Development Environment Version: Issue 5
PCTS: 151-1 Version: 1.1 - 09/11/91
APTL: 0342 Mindcraft, Inc. Date Issued: 12/12/91

Reference File #: USL6259
Product Supplier: UNIX System Laboratories, Inc.
Product Tested: UNIX® System V/386 Release 4 Version: 4.0T
Release: August 1992, with PATCH #1 (Package Date: 11/20/92)
System Supplier: AST Research, Inc.
System Hardware: Premium 486/33 Model: 3V
C Compiler: UNIX System Laboratories Standard C Development Environment Version: Issue 5
PCTS: 151-1 Version: 1.1 - 05/21/92
APTL: 0342 Mindcraft, Inc. Date Issued: 2/12/93

5.7 TESTING LABORATORIES AND VALIDATED PRODUCTS for NIST POSIX (FIPS 151-2)

November 23, 1994

ACCREDITED NIST POSIX TESTING LABORATORIES

The National Voluntary Laboratory Accreditation Program (NVLAP) has accredited the following laboratories to test computer operating system interfaces for conformance with the Federal Information Processing Standard 151-2 (FIPS 151-2) using the NIST POSIX Conformance Test Suite (NIST-PCTS:151-2). FIPS 151-2 replaced FIPS 151-1 in its entirety on October 15, 1993. Only accredited laboratories may submit test reports to NIST/CSL for validation.

BULL SA / Laboratoire POSIX 1 rue de Provence / BP 208 38432 ECHIROLLES CEDEX	Contact: Mr. Georges Chardon Phone: (33) 76 39 75 93 email: lab@frec.bull.fr
DataFocus Incorporated 12450 Fair Lakes Circle, Suite 400 Fairfax, VA 22033-3831	Contact: Mr. Matt Einseln Phone: 703-631-6770 email: mte@datafocus.com
Mindcraft, Inc. 410 Cambridge Avenue Palo Alto, CA 94306	Contact: Mr. Bruce Weiner Phone: 415-323-9000 email: sales@mindcraft.com
PERENNIAL 4699 Old Ironsides Drive, Suite 210 Santa Clara, CA 95054	Contact: Mr. Barry E. Hedquist Phone: 408-748-2900 email: info@peren.com

NIST POSIX VALIDATED PRODUCTS

The following products have been tested by an Accredited POSIX Testing Laboratory (APTL) using the official National Institute of Standards and Technology POSIX Conformance Test Suite (NIST-PCTS:151-2) for the Federal Information Processing Standards 151-2 (FIPS PUB 151-2). A Certificate of Validation has been issued by NIST/CSL. Additional information is available from NIST/CSL on conditional features supported, configuration details, and resolved test codes (if appropriate).

Information in this listing includes product information on the implementation, system tested and type of implementation. FIPS 151-2 supports three types of implementations, native, hosted, and cooperating. A native implementation "refers to an implementation of POSIX.1 that interfaces directly to an operating system kernel." A cooperating implementation "refers to an implementation of POSIX.1 that interfaces directly to an operating system kernel but the load modules are not produceable on this implementation." A hosted implementation "referes to an implementation of POSIX.1 that is accomplished through interfaces from the POSIX.1 services to some alternate form of operating system kernel services."

Information is also provided on the following primary conditional features: General Terminal Interface devices (GTI), Mountable File System (MFS), Modem Control (MC), and Appropriate Privileges (AP). If a Certificate of Validation has been corrected or amended there are two issue dates, the original date [in brackets] and the reissue date, listed for the product.

PRODUCT SUPPLIERS	REFERENCE FILE #		
Amdahl Corporation	151-2AMD001		
Cray Research Superservers, Inc.	151-2CRA001		
Data General Corporation	151-2DGC001		
Digital Equipment Corporation	151-2DEC001,	151-2DEC002,	151-2DEC003,151-2DEC004,151-2DEC005
Hewlett-Packard Company	151-2HPC001,	151-2HPC002,	151-2HPC003,151-2HPC004,151-2HPC005,151-2HPC006,
	151-2HPC007,	151-2HPC008,	151-HPC009, 151-2HPC010,151-2HPC011
Intergraph Corporation	151-2INT001		
International Business Machines Corp.	151-2IBM001,	151-2IBM002,	151-2IBM003, 151-2IBM004, 151-2IBM005,151-2IBM006,
	151-2IBM007		
Microsoft Corporation	151-2MSC001,	151-2MSC002,	151-2MSC003,151-2MSC004,151-2MSC005,151-2MSC006,
	151-2MSC007,	151-2MSC008,	151-2MSC009,151-2MSC010,151-2MSC011,151-2MSC012,
	151-2MSC013,	151-2MSC014,	151-2MSC015
Novell,Inc.	151-2NOV001,	151-2NOV002,	151-2NOV003,151-2NOV004,151-2NOV005
The Santa Cruz Operation, Inc.	151-2SCO001,	151-2SCO002,	151-2SCO003,151-2SCO004,151-2SCO005,151-2SCO006,
	151-2SCO007,	151-2SCO008	
Sequent Computer Systems, Inc.	151-2SEO001,	151-2SEO002	
Silicon Graphics, Inc.	151-2SGI001,	151-2SGI002,	151-2SGI003, 151-2SGI004, 151-2SGI005
SunSoft, Inc.	151-2SUN001,	151-2SUN002,	151-2SUN003,151-2SUN004,151-2SUN005,151-2SUN006,
	151-2SUN007,	151-2SUN008,	151-2SUN009,151-2SUN010,151-2SUN011,151-2SUN012,
	151-2SUN013,	151-2SUN014,	151-2SUN015,151-2SUN016,151-2SUN017,151-2SUN018,
	151-2SUN019,	151-2SUN020,	151-2SUN021,151-2SUN022,151-2SUN023
Tenon Intersystems	151-2TEN001,	151-2TEN002,	151-2TEN003, 151-2TEN004
Unisys Corporation	151-2UNI001,	151-2UNI002,	151-2UNI003, 151-2UNI004,151-2UNI005

SYSTEM SUPPLIERS	REFERENCE FILE #		
Amdahl Corporation	151-2AMD001		
American Megatrends, Inc.	151-2SCO001,	151-2SCO006	
Apple Computer, Inc.	151-2TEN001,	151-2TEN002,	151-2TEN003, 151-2TEN004
AST Research, Inc.	151-2MSC011,	151-2NOV001,	151-2NOV002
AT&T	151-2NOV003,	151-2NOV004,	151-2NOV005
Axil Workstations	151-2SUN009,	151-2SUN010,	151-2SUN017,151-2SUN018
Compaq Computer Corporation	151-2MSC002,	151-2MSC004,	151-2SCO002,151-2SCO003,151-2SCO004,151-2SCO005,
	151-2SUN008		
Cray Research Superservers, Inc.	151-2CRA001		
Data General Corporation	151-2DGC001		
Dell Computer Corporation	151-2SUN012		
Digital Equipment Corporation	151-2DEC001,	151-2DEC002,	151-2DEC003,151-2DEC004,151-2DEC005,151-2MSC005,
	151-2MSC006		
Hewlett-Packard Company	151-2HPC001,	151-2HPC002,	151-2HPC003,151-2HPC004,151-2HPC005,151-2HPC006,
	151-2HPC007,	151-2HPC008,	151-2HPC009,151-2HPC010,151-2HPC011
Intel Corporation	151-2MSC007,	151-2MSC008,	151-2MSC009,151-2MSC010,151-2MSC012,151-2MSC013,
	151-2MSC014,	151-2MSC015	
Intergraph Corporation	151-2INT001		
International Business Machines Corp.	151-2IBM001,	151-2IBM002,	151-2IBM003, 151-2IBM004,151-2IBM005,151-2IBM006,
	151-2IBM007		
Microlog Corporation	151-2SCO007,	151-2SCO008	
Olivetti	151-2MSC001,	151-2MSC003	
Sequent Computer Systems, Inc.	151-2SEO001,	151-2SEO002	
Silicon Graphics, Inc.	151-2SGI001,	151-2SGI002,	151-2SGI003
Sun Microsystems Computer Corp., Inc.	151-2SUN001,	151-2SUN002,	151-2SUN003,151-2SUN004,151-2SUN005,151-2SUN006,
	151-2SUN007,	151-2SUN011,	151-2SUN013,151-2SUN014,151-2SUN015,151-2SUN016,
	151-2SUN019,	151-2SUN020,	151-2SUN021,151-2SUN022,151-2SUN023
Tandem Computers Incorporated	151-2SGI004,	151-2SGI005	
Unisys Corporation	151-2UNI001,	151-2UNI002,	151-2UNI003, 151-2UNI004, 151-2UNI005

PRODUCTS

151-2AMD001 Issued: 03/18/94 Type: Native
Product Supplier: **Amdahl Corporation**
Product: **UTS Version 4 Release 2**
PCD: UTS 4.2 POSIX.1 and FIPS 151-2 Conformance Document
GTI - NOT Provided by Product MC - NOT Provided by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Amdahl Corporation
Computer Hardware Product: Amdahl 5995M-4550
C Compiler: Amdahl C, Version 2.0
APTL: 0342 Mindcraft, Inc.

151-2CRA001 Issued: 09/07/94 Type: Native
Product Supplier: **Cray Research Superservers, Inc.**
Product: **Solaris 2.3 CRAY Version R Maintenance Update 1 with Patch 10647-03**
PCD: Cray Solaris 2.3 POSIX.1 Conformance Document
GTI - NOT Provided by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Cray Research Superservers, Inc.
Computer Hardware Product: Cray SUPERSERVER 6400
C Compiler: Sun C Compiler Version 2.0.1, Released October 3, 1992
APTL: 0342 Mindcraft, Inc.

151-2DEC001 Issued: 08/12/93 Type: Hosted
Product Supplier: **Digital Equipment Corporation**
Product: **POSIX for Open VMS AXP Version X1.0-041**
PCD: POSIX 1003.1-1990 Conformance Document for Open VMS AXP (July 1993)
GTI - NOT Provided by Product MC - NOT Provided by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Digital Equipment Corporation
Computer Hardware Product: DECsystem, Model 4000/610
Host Operating System Supplier: Digital Equipment Corporation
Host Operating System: OpenVMS AXP Version 1.5
C Compiler: DEC C Version 1, Release 3
APTL: 0343 DataFocus Incorporated

151-2DEC002 Issued: 02/28/94 Type: Native
Product Supplier: **Digital Equipment Corporation**
Product: **DEC OSF/1 Version 2.0, released March, 1994**
PCD: DEC OSF/1 POSIX.1 Conformance Document (Order Number:AA-PS35B-TE)
GTI - Supported by Product MC - NOT Provided by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Digital Equipment Corporation
Computer Hardware Product: DEC 3000, Model 400
C Compiler: DEC OSF/1 C Compiler, Version 2.0
APTL: 0342 Mindcraft, Inc.

151-2DEC003 Issued: 08/05/94 Type: Hosted
Product Supplier: **Digital Equipment Corporation**
Product: **POSIX for Open VMS AXP Version 2.0**
PCD: POSIX 1003.1-1990 Conformance Document for Open VMS AXP, June 1994 .
GTI - Not Provided by Product MC - Not Provided by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Digital Equipment Corporation
Computer Hardware Product: DECsystem, Model 4000/610
Host Operating System Supplier: Digital Equipment Corporation
Host Operating System: OpenVMS AXP, Version 6.1
C Compiler: DEC C for OpenVMS AXP Version 4.0
APTL: 0343 DataFocus Incorporated

151-2DEC004 Issued: 08/05/94 Type: Hosted
Product Supplier: **Digital Equipment Corporation**
Product: **POSIX for Open VMS VAX, Version 2.0**
PCD: POSIX 1003.1-1990 Conformance Document for Open VMS AXP, June 1994
GTI - Not Provided by Product MC - Not Provided by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Digital Equipment Corporation
Computer Hardware Product: DECsystem, Model 4000-500
Host Operating System Supplier: Digital Equipment Corporation
Host Operating System: OpenVMS VAX, Version 6.1
C Compiler: DEC C for OpenVMS VAX Version 4.0
APTL: 0343 DataFocus Incorporated

151-2DEC005 Issued: 08/17/94 Type: Native
Product Supplier: **Digital Equipment Corporation**
Product: **DEC OSF/1 Version 3.0, released August, 1994**
PCD: DEC OSF/1 POSIX.1 Conformance Document (Order Number:AA-PS35C-TE)
GTI - Supported by Product MC - Not Provided by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Digital Equipment Corporation
Computer Hardware Product: DEC 2100 model A500MP
C Compiler: DEC OSF/1 C Compiler, Version 3.0
APTL: 0342 Mindcraft, Inc.

151-2DGC001 Issued: 04/12/94 Type: Native
Product Supplier: **Data General Corporation**
Product: **DG/US 5.4 Release 3.00 MU01**
PCD: POSIX.1 Conformance Document for the DG/UX™ System Revision 04, March 1994
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Data General Corporation Corporation
Computer Hardware Product: Data General AViiON AV8500 Model G70595
C Compiler: gcc 2.4.5.6
APTL: 0342 Mindcraft, Inc.

151-2HPC001 Issued: 05/12/94 Type: Native
Product Supplier: **Hewlett-Packard Company**
Product: **HP-UX Release 9.09 with patches PHCO_3869, PHCO_4152, and PHKL_4149**
PCD: POSIX Conformance Document, HP 9000 Computers, Third Edition, 1994. HP Part Number B2355-90034
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Hewlett-Packard Company
Computer Hardware Product: Series 9000 Model 755
C Compiler: HP C Compiler Version A.09.33
APTL: 0342 Mindcraft, Inc.

151-2HPC002 Issued: 05/12/94 Type: Native
Product Supplier: **Hewlett-Packard Company**
Product: **HP-UX Release 9.09 with patches PHCO_3869, PHCO_4152, and PHKL_4149**
PCD: POSIX Conformance Document, HP 9000 Computers, Third Edition, 1994. HP Part Number B2355-90034
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Hewlett-Packard Company
Computer Hardware Product: Series 9000 Model 725
C Compiler: HP C Compiler Version A.09.33
APTL: 0342 Mindcraft, Inc.

151-2HPC003 Issued: 06/01/94 Type: Native
Product Supplier: **Hewlett-Packard Company**
Product: **HP-UX Release 9.05 with patches PHKL_4110, and PHNE_4111**
PCD: POSIX Conformance Document, HP 9000 Computers, Third Edition, 1994. HP Part Number B2355-90049
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Hewlett-Packard Company
Computer Hardware Product: Series 9000 Model 735
C Compiler: HP C Compiler Version A.09.33
APTL: 0342 Mindcraft, Inc.

151-2HPC004 Issued: 06/01/94 Type: Native
Product Supplier: **Hewlett-Packard Company**
Product: **HP-UX Release 9.05 with patches PHKL_4110, and PHNE_4111**
PCD: POSIX Conformance Document, HP 9000 Computers, Third Edition, 1994. HP Part Number B2355-90049
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Hewlett-Packard Company
Computer Hardware Product: Series 9000 Model 725
C Compiler: HP C Compiler Version A.09.33
APTL: 0342 Mindcraft, Inc.

151-2HPC005 Issued: 07/01/94 Type: Native
Product Supplier: **Hewlett-Packard Company**
Product: **HP-UX 10.00.S1**
PCD: POSIX Conformance Document, HP 9000 Computers, Fourth Edition, 1994. HP Part Number B2355-90049
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Hewlett-Packard Company
Computer Hardware Product: Series 9000 Model 770
C Compiler: HP C Compiler Version X.10.23
APTL: 0342 Mindcraft, Inc.

151-2HPC006 Issued: 07/01/94 Type: Native
Product Supplier: **Hewlett-Packard Company**
Product: **HP-UX 10.00.S1**
PCD: POSIX Conformance Document, HP 9000 Computers, Fourth Edition, 1994. HP Part Number B2355-90049
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Hewlett-Packard Company
Computer Hardware Product: Series 9000 Model 712
C Compiler: HP C Compiler Version X.10.23
APTL: 0342 Mindcraft, Inc.

151-2HPC007 Issued: 07/01/94 Type: Native
Product Supplier: **Hewlett-Packard Company**
Product: **HP-UX 10.09.S1**
PCD: POSIX Conformance Document, HP 9000 Computers, Fourth Edition, 1994. as modified by POSIX Conformance Document, HP-UX Compartment Mode Workstation Addendum, HP 9000 Computers, First Edition, 1994.
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Hewlett-Packard Company
Computer Hardware Product: Series 9000 Model 712
C Compiler: HP C Compiler Version X.10.18
APTL: 0342 Mindcraft, Inc.

151-2HPC008 Issued: 07/01/94 Type: Native
Product Supplier: **Hewlett-Packard Company**
Product: **HP-UX 10.09.S1**
PCD: POSIX Conformance Document, HP 9000 Computers, Fourth Edition, 1994. as modified by POSIX Conformance Document, HP-UX Compartment Mode Workstation Addendum, HP 9000 Computers, First Edition, 1994.
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Hewlett-Packard Company
Computer Hardware Product: Series 9000 Model 770
C Compiler: HP C Compiler Version X.10.18
APTL: 0342 Mindcraft, Inc.

151-2HPC009 Issued: 03/02/95 Type: Native
Product Supplier: **Hewlett-Packard Company**
Product: **HP-UX Release 10.00**
PCD: POSIX Conformance Document, HP 9000 Computers, Third Edition, 1994.
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Hewlett-Packard Company
Computer Hardware Product: 9000 Series 700 Model J210
C Compiler: HP C Compiler Version A.10.03
APTL: 0342 Mindcraft, Inc.

151-2HPC010 Issued: 03/02/95 Type: Native
Product Supplier: **Hewlett-Packard Company**
Product: **HP-UX Release 10.00**
PCD: POSIX Conformance Document, HP 9000 Computers, Third Edition, 1994. HP Part Number B2355-90049.
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Hewlett-Packard Company
Computer Hardware Product: 9000/770 J200
C Compiler: HP C Compiler Version A.10.03
APTL: 0342 Mindcraft, Inc.

151-2HPC011 Issued: 03/02/95 Type: Native
Product Supplier: **Hewlett-Packard Company**
Product: **HP-UX Release 10.00**
PCD: POSIX Conformance Document, HP 9000 Computers, Third Edition, 1994. HP Part Number B2355-90049.
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Hewlett-Packard Company
Computer Hardware Product: 9000/829 K400
C Compiler: HP C Compiler Version A.10.03
APTL: 0342 Mindcraft, Inc.

151-2IBM001 Issued: 03/08/94 Type: Native
Product Supplier: **International Business Machines Corporation**
Product: **MVS/ESA 4.3 OpenEdition™ 1.0**
PCD: OpenEdition MVS POSIX.1 Conformance Document, Document Number SC23-3011-00
GTI - NOT Provided by Product MC - NOT Provided by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: International Business Machines Corporation
Computer Hardware Product: ES/9000-570
C Compiler: IBM SAA AD/Cycle® C/370 Version 1 Release 2
APTL: 0342 Mindcraft, Inc.

151-2IBM002 Issued: 02/17/94 Type: Native
Product Supplier: **International Business Machines Corporation**
Product: **AIX Version 3.2.5 for RISC System/6000 with PTFs: U423984, U424399, U424507, U424590, U425456, U424587, U425984, U425988, U425997, U426001, U426014, U425858**
PCD: AIX Version 3.2 POSIX Conformance Document
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: International Business Machines Corporation
Computer Hardware Product: RISC System/6000, Model 590
C Compiler: XLC Version 1, Release 3
APTL: 0342 Mindcraft, Inc.

151-2IBM003 Issued: 02/17/94 Type: Native
Product Supplier: **International Business Machines Corporation**
Product: **AIX Version 3.2.5 for RISC System/6000 with PTFs: U423984, U424399, U424507, U424590, U425456, U424587, U425984, U425988, U425997, U426001, U426014, U425858**
PCD: AIX Version 3.2 POSIX Conformance Document
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: International Business Machines Corp
Computer Hardware Product: RISC System/6000, Model 250
C Compiler: XLC Version 1, Release 3
APTL: 0342 Mindcraft, Inc.

151-2IBM004 Issued: 02/17/94 Type: Native
Product Supplier: **International Business Machines Corporation**
Product: **AIX Version 3.2.5 for RISC System/6000 with PTFs: U423984, U424399, U424507, U424590, U425456, U424587, U425984, U425988, U425997, U426001, U426014, U425858**
PCD: AIX Version 3.2 POSIX Conformance Document
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: International Business Machines Corp
Computer Hardware Product: RISC System/6000, Model 360
C Compiler: XLC Version 1, Release 3
APTL: 0342 Mindcraft, Inc.

151-2IBM005 Issued: 04/29/94 Type: Native
Product Supplier: **International Business Machines Corporation**
Product: **AIX Version 3.2.5 for RISC System/6000 with PTFs: U423984, U424399, U425456, U425984, U425988, U425997, U426001, U426014, U427208, U427727, U427892**
PCD: AIX Version 3.2 POSIX Conformance Document, part number GC23-2159-02, Third Edition
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: International Business Machines Corp
Computer Hardware Product: RISC System/6000, Model 230
C Compiler: XLC Version 1, Release 3
APTL: 0342 Mindcraft, Inc.

151-2IBM006 Issued: 04/29/94 Type: Native
Product Supplier: **International Business Machines Corporation**
Product: **AIX Version 3.2.5 for RISC System/6000 with PTFs: U423984, U424399, U425456, U425984, U425988, U425997, U426001, U426014, U427208, U427727, U427892**
PCD: AIX Version 3.2 POSIX Conformance Document, part number GC23-2159-02, Third Edition
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: International Business Machines Corp
Computer Hardware Product: RISC System/6000, Model 570
C Compiler: XLC Version 1, Release 3
APTL: 0342 Mindcraft, Inc.

151-2IBM007 Issued: 11/08/94 Type: Native
Product Supplier: **International Business Machines Corporation**
Product: **MVS/ESA 5.1.0**
PCD: OpenEdition MVS POSIX.1 Conformance Document, Document Number GC23-3011-02
GTI - Not Provided by Product MC - Not Provided by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: International Business Machines Corporation
Computer Hardware Product: ES/9000/610
C Compiler: IBM SAA AD/Cycle® C/370 Version 1 Release 2
APTL: 0342 Mindcraft, Inc.

151-2INT001 Issued: 07/08/94 Type: Native
Product Supplier: **Intergraph Corporation**
Product: **CLIX UNIXBOOT, Version 07.05.17.00, Release 22-FEB-1994**
PCD: CLIX POSIX Conformance Document, July 1994
GTI - Supported by Product MC - NOT Provided by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Intergraph Corporation
Computer Hardware Product: Intergraph 2800 Series Workstation, Model 2830
C Compiler: CLIPPER Advanced Optimizing C Compiler, Version 07.05.01.61, Release 03-MAR-1994
APTL: 0343 DataFocus Incorporated

151-2MSC001 Issued: 04/12/94 Type: Cooperating Hosted
Product Supplier: **Microsoft Corporation**
Product: **Microsoft Windows NT POSIX Subsystem Version 3.1**
PCD: Microsoft Windows NT POSIX Subsystem POSIX Conformance Document
GTI - **NOT** Provided by Product MC - **NOT** Provided by Product
MFS - **NOT** Provided by Product AP - **NOT** Provided by Product
Computer Hardware Supplier: Olivetti
Computer Hardware Product: M700-10
Host & Development Operating System Supplier: Microsoft Corporation
Host & Development Operating System: Windows NT Version 3.1
C Compiler: Microsoft® C Centaur Optimizing Compiler Version 8.00.081
APTL: 0342 Mindcraft, Inc.

151-2MSC002 Issued: 04/12/94 Type: Cooperating Hosted
Product Supplier: **Microsoft Corporation**
Product: **Microsoft Windows NT POSIX Subsystem Version 3.1**
PCD: Microsoft Windows NT POSIX Subsystem POSIX Conformance Document
GTI - **NOT** Provided by Product MC - **NOT** Provided by Product
MFS - **NOT** Provided by Product AP - **NOT** Provided by Product
Computer Hardware Supplier: Compaq
Computer Hardware Product: Deskpro 4/66i
Host & Development Operating System Supplier: Microsoft Corporation
Host & Development Operating System: Windows NT Version 3.1
C Compiler: Visual C++ for Windows and Windows NT, 32-bit Edition, Version 1.00.
APTL: 0342 Mindcraft, Inc.

151-2MSC003 Issued: 04/12/94 Type: Cooperating Hosted
Product Supplier: **Microsoft Corporation**
Product: **Microsoft Windows NT POSIX Subsystem Version 3.1**
PCD: Microsoft Windows NT POSIX Subsystem POSIX Conformance Document
GTI - **NOT** Provided by Product MC - **NOT** Provided by Product
MFS - **NOT** Provided by Product AP - **NOT** Provided by Product
Computer Hardware Supplier: Olivetti
Computer Hardware Product: M700-10
Host & Development Operating System Supplier: Microsoft Corporation
Host & Development Operating System: Windows NT Advanced Server Version 3.1
C Compiler: Microsoft® C Centaur Optimizing Compiler Version 8.00.081
APTL: 0342 Mindcraft, Inc.

151-2MSC004 Issued: 04/12/94 Type: Cooperating Hosted
Product Supplier: **Microsoft Corporation**
Product: **Microsoft Windows NT POSIX Subsystem Version 3.1**
PCD: Microsoft Windows NT POSIX Subsystem POSIX Conformance Document
GTI - **NOT** Provided by Product MC - **NOT** Provided by Product
MFS - **NOT** Provided by Product AP - **NOT** Provided by Product
Computer Hardware Supplier: Compaq
Computer Hardware Product: Deskpro 4/66i
Host & Development Operating System Supplier: Microsoft Corporation
Host & Development Operating System: Microsoft Windows NT Advanced Server Version 3.1
C Compiler: Visual C++ for Windows and Windows NT, 32-bit Edition, Version 1.00.
APTL: 0342 Mindcraft, Inc.

151-2MSC005 Issued: 05/12/94 Type: Cooperating Hosted
Product Supplier: **Microsoft Corporation**
Product: **Microsoft® Windows NT™ POSIX Subsystem Version 3.1**
PCD: Microsoft® Windows NT™ POSIX Subsystem POSIX Conformance Document
GTI - **NOT** Provided by Product MC - **NOT** Provided by Product
MFS - **NOT** Provided by Product AP - **NOT** Provided by Product
Computer Hardware Supplier: Digital Equipment Corporation
Computer Hardware Product: DECpc AXP/150
Host & Development Operating System Supplier: Microsoft Corporation
Host & Development Operating System: Microsoft® Windows NT™ Version 3.1
C Compiler: Microsoft® C/C++ Optimizing Compiler Version 8.00.9B
APTL: 0342 Mindcraft, Inc.

151-2MSC006 Issued: 05/12/94 Type: Cooperating Hosted
Product Supplier: **Microsoft Corporation**
Product: **Microsoft® Windows NT™ POSIX Subsystem Version 3.1**
PCD: Microsoft® Windows NT™ POSIX Subsystem POSIX Conformance Document
GTI - **NOT** Provided by Product MC - **NOT** Provided by Product
MFS - **NOT** Provided by Product AP - **NOT** Provided by Product
Computer Hardware Supplier: Digital Equipment Corporation
Computer Hardware Product: DECpc AXP/150
Host & Development Operating System Supplier: Microsoft Corporation
Host & Development Operating System: Microsoft® Windows NT™ Advanced Server Version 3.1
C Compiler: Microsoft® C/C++ Optimizing Compiler Version 8.00.9B
APTL: 0342 Mindcraft, Inc.

151-2MSC007 Issued: 10/05/94 Type: Cooperating Hosted
Product Supplier: **Microsoft Corporation**
Product: **Microsoft® Windows NT™ POSIX Subsystem Version 3.5**
PCD: Microsoft® Windows NT™ POSIX Subsystem POSIX Conformance Document, February 1994
GTI - Not Provided by Product MC - Not Provided by Product
MFS - Not Provided by Product AP - Not Provided by Product
Computer Hardware Supplier: Intel
Computer Hardware Product: Intel Classic R Plus, i486/33
Host & Development Operating System Supplier: Microsoft Corporation
Host & Development Operating System: Microsoft® Windows NT™ Workstation Version 3.5, Release Candidate 1
C Compiler: Microsoft® 32-bit C/C++ Optimizing Compiler, Version 8.50.4136 for 80x86
APTL: 0343 DataFocus, Inc.

151-2MSC008 Issued: 11/17/94 [10/13/94] Type: Cooperating Hosted
Product Supplier: **Microsoft Corporation**
Product: **Microsoft® Windows NT™ POSIX Subsystem Version 3.5**
PCD: Microsoft® Windows NT™ POSIX Subsystem POSIX Conformance Document, February 1994
GTI - Not Provided by Product MC - Not Provided by Product
MFS - Not Provided by Product AP - Not Provided by Product
Computer Hardware Supplier: Intel
Computer Hardware Product: Intel Xpress, i486DX2/66
Host & Development Operating System Supplier: Microsoft Corporation
Host & Development Operating System: Microsoft® Windows NT™ Server, Version 3.5
C Compiler: Microsoft® 32-bit C/C++ Optimizing Compiler, Version 8.50.4136 for 80x86
APTL: 0343 DataFocus, Inc.

151-2MSC009 Issued: 10/25/94 Type: Cooperating Hosted
Product Supplier: **Microsoft Corporation**
Product: **Microsoft® Windows NT™ POSIX Subsystem Version 3.5**
PCD: Microsoft® Windows NT™ POSIX Subsystem POSIX Conformance Document, February 1994
GTI - Not Provided by Product MC - Not Provided by Product
MFS - Not Provided by Product AP - Not Provided by Product
Computer Hardware Supplier: Intel
Computer Hardware Product: Intel Xpress, Pentium/60
Host & Development Operating System Supplier: Microsoft Corporation
Host & Development Operating System: Microsoft® Windows NT™ Server, Version 3.5
C Compiler: Microsoft® 32-bit C/C++ Optimizing Compiler, Version 8.50.4136 for 80x86
APTL: 0343 DataFocus, Inc.

151-2MSC010 Issued: 11/17/94 [10/13/94] Type: Cooperating Hosted
Product Supplier: **Microsoft Corporation**
Product: **Microsoft® Windows NT™ POSIX Subsystem Version 3.5**
PCD: Microsoft® Windows NT™ POSIX Subsystem POSIX Conformance Document, February 1994
GTI - Not Provided by Product MC - Not Provided by Product
MFS - Not Provided by Product AP - Not Provided by Product
Computer Hardware Supplier: Intel
Computer Hardware Product: Intel Classic R Plus, i486DX33
Host & Development Operating System Supplier: Microsoft Corporation
Host & Development Operating System: Microsoft® Windows NT™ Workstation, Version 3.5
C Compiler: Microsoft® 32-bit C/C++ Optimizing Compiler, Version 8.50.4136 for 80x86
APTL: 0343 DataFocus, Inc.

151-2MSC011 Issued: 10/13/94 Type: Cooperating Hosted
Product Supplier: **Microsoft Corporation**
Product: **Microsoft® Windows NT™ POSIX Subsystem Version 3.5**
PCD: Microsoft® Windows NT™ POSIX Subsystem POSIX Conformance Document, February 1994
GTI - Not Provided by Product MC - Not Provided by Product
MFS - Not Provided by Product AP - Not Provided by Product
Computer Hardware Supplier: AST
Computer Hardware Product: PowerExec 4/33SL
Host & Development Operating System Supplier: Microsoft Corporation
Host & Development Operating System: Microsoft® Windows NT™ Workstation, Version 3.5
C Compiler: Microsoft® 32-bit C/C++ Optimizing Compiler, Version 8.50.4136 for 80x86
APTL: 0343 DataFocus, Inc.

151-2MSC0012 Issued: 11/17/94 Type: Cooperating Hosted
Product Supplier: **Microsoft Corporation**
Product: **Microsoft® Windows NT™ POSIX Subsystem Version 3.5**
PCD: Microsoft® Windows NT™ POSIX Subsystem POSIX Conformance Document, February 1994
GTI - Not Provided by Product MC - Not Provided by Product
MFS - Not Provided by Product AP - Not Provided by Product
Computer Hardware Supplier: Intel Corporation
Computer Hardware Product: Intel Xpress Dual Pentium 66
Host & Development Operating System Supplier: Microsoft Corporation
Host & Development Operating System: Microsoft® Windows NT™ Server, Version 3.5
C Compiler: Microsoft® 32-bit C/C++ Optimizing Compiler, Version 8.50.4136 for 80x86
APTL: 0343 DataFocus, Inc.

151-2MSC0013 Issued: 11/17/94 Type: Cooperating Hosted
Product Supplier: **Microsoft Corporation**
Product: **Microsoft® Windows NT™ POSIX Subsystem Version 3.5**
PCD: Microsoft® Windows NT™ POSIX Subsystem POSIX Conformance Document, February 1994
GTI - Not Provided by Product MC - Not Provided by Product
MFS - Not Provided by Product AP - Not Provided by Product
Computer Hardware Supplier: Intel Corporation
Computer Hardware Product: Intel Xpress I486DX33
Host & Development Operating System Supplier: Microsoft Corporation
Host & Development Operating System: Microsoft® Windows NT™ Server, Version 3.5
C Compiler: Microsoft® 32-bit C/C++ Optimizing Compiler, Version 8.50.4136 for 80x86
APTL: 0343 DataFocus, Inc.

151-2MSC0014 Issued: 11/17/94 Type: Cooperating Hosted
Product Supplier: **Microsoft Corporation**
Product: **Microsoft® Windows NT™ POSIX Subsystem Version 3.5**
PCD: Microsoft® Windows NT™ POSIX Subsystem POSIX Conformance Document, February 1994
GTI - Not Provided by Product MC - Not Provided by Product
MFS - Not Provided by Product AP - Not Provided by Product
Computer Hardware Supplier: Intel Corporation
Computer Hardware Product: Classic R Plus i486DX2/66
Host & Development Operating System Supplier: Microsoft Corporation
Host & Development Operating System: Microsoft® Windows NT™ Workstation, Version 3.5
C Compiler: Microsoft® 32-bit C/C++ Optimizing Compiler, Version 8.50.4136 for 80x86
APTL: 0343 DataFocus, Inc.

151-2MSC0015 Issued: 11/17/94 Type: Cooperating Hosted
Product Supplier: **Microsoft Corporation**
Product: **Microsoft® Windows NT™ POSIX Subsystem Version 3.5**
PCD: Microsoft® Windows NT™ POSIX Subsystem POSIX Conformance Document, February 1994
GTI - Not Provided by Product MC - Not Provided by Product
MFS - Not Provided by Product AP - Not Provided by Product
Computer Hardware Supplier: Intel Corporation
Computer Hardware Product: Classic R Plus i486SX33
Host & Development Operating System Supplier: Microsoft Corporation
Host & Development Operating System: Microsoft® Windows NT™ Workstation, Version 3.5
C Compiler: Microsoft® 32-bit C/C++ Optimizing Compiler, Version 8.50.4136 for 80x86
APTL: 0343 DataFocus, Inc.

151-2NOV001 Issued: 05/03/94 Type: Native
Product Supplier: **Novell, Inc.**
Product: **UnixWare™ Application Server Version 1.1 with UnixWare Update 1.1.1 and PTF604**
PCD: UnixWare™ Programmer's Guide: POSIX.1 Conformance (First Edition)
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: AST Research, Inc.
Computer Hardware Product: Premium 486/33 model 3V
C Compiler: UnixWare™ SDK/Personal Utilities Version 1.1
APTL: 0342 Mindcraft, Inc.

151-2NOV002 Issued: 05/03/94 Type: Native
Product Supplier: **Novell, Inc.**
Product: **UnixWare™ Personal Edition Version 1.1 with UnixWare Update 1.1.1 and PTF604**
PCD: UnixWare™ Programmer's Guide: POSIX.1 Conformance (First Edition)
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: AST Research, Inc.
Computer Hardware Product: Premium 486/33 model 3V
C Compiler: UnixWare™ SDK/Personal Utilities Version 1.1
APTL: 0342 Mindcraft, Inc.

151-2NOV003 Issued: 10/21/94 Type: Native
Product Supplier: **Novell, Inc.**
Product: **UnixWare™ Personal Edition Version 1.1.2, with PTF621**
PCD: UnixWare™ Programmer's Guide: POSIX.1 Conformance (First Edition)
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: AT&T
Computer Hardware Product: Globalyst 515
C Compiler: UnixWare™ SDK/Personal Utilities Version 1.1
APTL: 0342 Mindcraft, Inc.

151-2NOV004 Issued: 10/25/94 Type: Native
Product Supplier: **Novell, Inc.**
Product: **UnixWare™ Personal Edition Version 1.1.2, with PTF621 and PCI SCSI driver 517-0002476**
PCD: UnixWare™ Programmer's Guide: POSIX.1 Conformance (First Edition)
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: AT&T
Computer Hardware Product: Globalyst 600
C Compiler: UnixWare™ SDK/Personal Utilities Version 1.1
APTL: 0342 Mindcraft, Inc.

151-2NOV005 Issued: 10/25/94 Type: Native
Product Supplier: **Novell, Inc.**
Product: **UnixWare™ Personal Edition Version 1.1.2, with PTF621 and PCI SCSI driver 517-0002476**
PCD: UnixWare™ Programmer's Guide: POSIX.1 Conformance (First Edition)
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: AT&T
Computer Hardware Product: Globalyst 550
C Compiler: UnixWare™ SDK/Personal Utilities Version 1.1
APTL: 0342 Mindcraft, Inc.

151-2SCO001 Issued: 11/17/94 [10/21/94] Type: Native
Product Supplier: **The Santa Cruz Operation, Inc.**
Product: **SCO UNIX®, Release 3.2, Version 4.2**
PCD: SCO UNIX® System V/386 Release 3.2.4 POSIX.1 Conformance Document, October 1994
GTI - Supported by Product MC - Not Provided by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: American Megatrends, Inc.
Computer Hardware Product: AMI SBS 6400 Super Voyager VLB-III, Intel 486DX2/66
C Compiler: SCO ODT Development System Release 3.0 C Compiler, with SCO XPG4 Supplement, Release 1.0
APTL: 0343 DataFocus, Inc.

151-2SCO002 Issued: 10/21/94 Type: Native
Product Supplier: **The Santa Cruz Operation, Inc.**
Product: **SCO UNIX®, Release 3.2, Version 4.2**
PCD: SCO UNIX® System V/386 Release 3.2.4 POSIX.1 Conformance Document, October 1994
GTI - Supported by Product MC - Not Provided by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Compaq Computer Corporation
Computer Hardware Product: Compaq Proliant 2000, Model 5/66
C Compiler: SCO ODT Development System Release 3.0 C Compiler, with SCO XPG4 Supplement, Release 1.0
APTL: 0343 DataFocus, Inc.

151-2SCO003 Issued: 11/15/94 Type: Native
Product Supplier: **The Santa Cruz Operation, Inc.**
Product: **SCO UNIX®, Release 3.2, Version 4.2, with SCO MPX Multi-processor extension Release 3.0**
PCD: SCO UNIX® System V/386 Release 3.2.4 POSIX.1 Conformance Document, October 1994
GTI - Supported by Product MC - Not Provided by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Compaq Computer Corporation
Computer Hardware Product: Compaq ProLiant 2000, Model 5/90
C Compiler: SCO ODT Development System Release 3.0 C Compiler, with SCO XPG4 Supplement, Release 1.0
APTL: 0343 DataFocus, Inc.

151-2SCO004 Issued: 11/15/94 Type: Native
Product Supplier: **The Santa Cruz Operation, Inc.**
Product: **SCO UNIX®, Release 3.2, Version 4.2**
PCD: SCO UNIX® System V/386 Release 3.2.4 POSIX.1 Conformance Document, October 1994
GTI - Supported by Product MC - Not Provided by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Compaq Computer Corporation
Computer Hardware Product: Compaq ProLiant 2000, Model 5/90
C Compiler: SCO ODT Development System Release 3.0 C Compiler, with SCO XPG4 Supplement, Release 1.0
APTL: 0343 DataFocus, Inc.

151-2SCO005 Issued: 11/15/94 Type: Native
Product Supplier: **The Santa Cruz Operation, Inc.**
Product: **SCO UNIX®, Release 3.2, Version 4.2**
PCD: SCO UNIX® System V/386 Release 3.2.4 POSIX.1 Conformance Document, October 1994
GTI - Supported by Product MC - Not Provided by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Compaq Computer Corporation
Computer Hardware Product: Compaq ProLiant 1000, Model 486DX2/66
C Compiler: SCO ODT Development System Release 3.0 C Compiler, with SCO XPG4 Supplement, Release 1.0
APTL: 0343 DataFocus, Inc.

151-2SCO006 Issued: 11/15/94 Type: Native
Product Supplier: **The Santa Cruz Operation, Inc.**
Product: **SCO UNIX®, Release 3.2, Version 4.2**
PCD: SCO UNIX® System V/386 Release 3.2.4 POSIX.1 Conformance Document, October 1994
GTI - Supported by Product MC - Not Provided by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: American Megatrends, Inc.
Computer Hardware Product: AMI SBS 6400 Super Voyager VLB-III, Intel 486DX4/100
C Compiler: SCO ODT Development System Release 3.0 C Compiler, with SCO XPG4 Supplement, Release 1.0
APTL: 0343 DataFocus, Inc.

151-2SCO007 Issued: 11/23/94 Type: Native
Product Supplier: **The Santa Cruz Operation, Inc.**
Product: **SCO UNIX®, Release 3.2, Version 4.2**
PCD: SCO UNIX® System V/386 Release 3.2.4 POSIX.1 Conformance Document, October 1994
GTI - Supported by Product MC - Not Provided by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Microlog Corporation
Computer Hardware Product: Intela R100, Intel 486DX33
C Compiler: SCO ODT Development System Release 3.0 C Compiler, with SCO XPG4 Supplement, Release 1.0
APTL: 0343 DataFocus, Inc.

151-2SCO008 Issued: 11/23/94 Type: Native
Product Supplier: **The Santa Cruz Operation, Inc.**
Product: **SCO UNIX®, Release 3.2, Version 4.2**
PCD: SCO UNIX® System V/386 Release 3.2.4 POSIX.1 Conformance Document, October 1994
GTI - Not Provided by Product MC - Not Provided by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Microlog Corporation
Computer Hardware Product: Intela R100, Intel Pentium™/66
C Compiler: SCO ODT Development System Release 3.0 C Compiler, with SCO XPG4 Supplement, Release 1.0
APTL: 0343 DataFocus, Inc.

151-2SEO001 Issued: 04/12/94 Type: Native
Product Supplier: **Sequent Computer Systems Inc.**
Product: **DYNIX/ptx Version 4.0.0**
PCD: DYNIX/ptx POSIX.1 Conformance Specification Part Number 1003-49622-04
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Sequent Computer Systems Inc.
Computer Hardware Product: Sequent Symmetry Systems SE20
C Compiler: ptx/C (Version 4.0.0)
APTL: 0342 Mindcraft, Inc.

151-2SEQ002 Issued: 04/12/94 Type: Native
Product Supplier: **Sequent Computer Systems Inc.**
Product: **DYNIX/ptx Version 2.1.1**
PCD: DYNIX/ptx POSIX.1 Conformance Specification Part Number 1003-49622-03a
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Sequent Computer Systems Inc.
Computer Hardware Product: Sequent Symmetry Systems SE60
C Compiler: ptx/C (Version 2.1.1)
APTL: 0342 Mindcraft, Inc.

151-2SGI001 Issued: 03/07/95 Type: Native
Product Supplier: **Silicon Graphics, Inc.**
Product: **IRIX 5.3 with patches 278, 279, and 280**
PCD: IRIX 5.3 POSIX.1 Conformance Document
GTI - Supported by Product MC - Not provided by product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Silicon Graphics, Inc.
Computer Hardware Product: Indigo 2
C Compiler: IRIX Development Option 5.3 (SC4-IDO-5.3)
APTL: 0342 Mindcraft, Inc.

151-2SGI002 Issued: 03/07/95 Type: Native
Product Supplier: **Silicon Graphics, Inc.**
Product: **IRIX 5.3 with patches 278, 279, and 280**
PCD: IRIX 5.3 POSIX.1 Conformance Document
GTI - Supported by Product MC - Not provided by product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Silicon Graphics, Inc.
Computer Hardware Product: Indy
C Compiler: IRIX Development Option 5.3 (SC4-IDO-5.3)
APTL: 0342 Mindcraft, Inc.

151-2SGI003 Issued: 03/07/95 Type: Native
Product Supplier: **Silicon Graphics, Inc.**
Product: **IRIX 5.3 with patches 278, 279, and 280**
PCD: IRIX 5.3 POSIX.1 Conformance Document
GTI - Supported by Product MC - Not provided by product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Silicon Graphics, Inc.
Computer Hardware Product: Challenge L
C Compiler: IRIX Development Option 5.3 (SC4-IDO-5.3)
APTL: 0342 Mindcraft, Inc.

151-2SGI004 Issued: 03/07/95 Type: Native
Product Supplier: **Silicon Graphics, Inc.**
Product: **IRIX 5.3 with patches 278, 279, and 280**
PCD: IRIX 5.3 POSIX.1 Conformance Document
GTI - Supported by Product MC - Not provided by product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Tandem Computers Incorporated
Computer Hardware Product: Integrity NR4404
C Compiler: IRIX Development Option 5.3 (SC4-IDO-5.3)
APTL: 0342 Mindcraft, Inc.

151-2SGI005 Issued: 03/07/95 Type: Native
Product Supplier: **Silicon Graphics, Inc.**
Product: **IRIX 5.3 with patches 278, 279, and 280**
PCD: IRIX 5.3 POSIX.1 Conformance Document
GTI - Supported by Product MC - Not provided by product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Tandem Computers Incorporated
Computer Hardware Product: Integrity NR401
C Compiler: IRIX Development Option 5.3 (SC4-IDO-5.3)
APTL: 0342 Mindcraft, Inc.

151-2SUN001 Issued: 12/23/93 Type: Native
Product Supplier: **SunSoft, Inc.**
Product: **Solaris 2.3 with patch 101294-01**
PCD: Solaris 2.3 Standards Conformance Guide, Chapter 5: POSIX.1 Part No: 801-5263-10
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Sun Microsystems Computer Corp, Inc.
Computer Hardware Product: SPARCcenter 2000, model 2204
C Compiler: Sun C Compiler Version 2.0.1, Released Oct. 3, 1992
APTL: 0342 Mindcraft, Inc.

151-2SUN002 Issued: 12/23/93 Type: Native
Product Supplier: **SunSoft, Inc.**
Product: **Solaris 2.3 with patch 101294-01**
PCD: Solaris 2.3 Standards Conformance Guide, Chapter 5: POSIX.1 Part No: 801-5263-10
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Sun Microsystems Computer Corp, Inc.
Computer Hardware Product: SPARCstation 10SX, model 40
C Compiler: Sun C Compiler Version 2.0.1, Released Oct. 3, 1992
APTL: 0342 Mindcraft, Inc.

151-2SUN003 Issued: 12/23/93 Type: Native
Product Supplier: **SunSoft, Inc.**
Product: **Solaris 2.3 with patch 101294-01**
PCD: Solaris 2.3 Standards Conformance Guide, Chapter 5: POSIX.1 Part No: 801-5263-10
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Sun Microsystems Computer Corp., Inc.
Computer Hardware Product: SPARCstation 10, model 52
C Compiler: Sun C Compiler Version 2.0.1, Released Oct. 3, 1992
APTL: 0342 Mindcraft, Inc.

151-2SUN004 Issued: 12/23/93 Type: Native
Product Supplier: **SunSoft, Inc.**
Product: **Solaris 2.3 with patch 101294-01**
PCD: Solaris 2.3 Standards Conformance Guide, Chapter 5: POSIX.1 Part No: 801-5263-10
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Sun Microsystems Computer Corp., Inc.
Computer Hardware Product: SPARCserver 670MP, model 54
C Compiler: Sun C Compiler Version 2.0.1, Released Oct. 3, 1992
APTL: 0342 Mindcraft, Inc.

151-2SUN005 Issued: 3/30/94 Type: Native
Product Supplier: **SunSoft, Inc.**
Product: **Solaris 2.3 Edition II with patch 101294-01 and 101498-02**
PCD: Solaris 2.3 Standards Conformance Guide, Chapter 5: POSIX.1 Part No: 801-5263-11
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Sun Microsystems Computer Corp., Inc.
Computer Hardware Product: SPARCstation 5
C Compiler: Sun C Compiler Version 2.0.1, Released Oct. 3, 1992
APTL: 0342 Mindcraft, Inc.

151-2SUN006 Issued: 3/30/94 Type: Native
Product Supplier: **SunSoft, Inc.**
Product: **Solaris 2.3 Edition II**
PCD: Solaris 2.3 Standards Conformance Guide, Chapter 5: POSIX.1
Part No: 801-5263-11
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Sun Microsystems Computer Corporation, Inc.
Computer Hardware Product: SPARCstation Voyager
C Compiler: Sun C Compiler Version 2.0.1, Released Oct. 3, 1992
APTL: 0342 Mindcraft, Inc.

151-2SUN007 Issued: 3/30/94 Type: Native
Product Supplier: **SunSoft, Inc.**
Product: **Solaris 2.3 Release with patches 101294-01, 101318-27, and 101493-01**
PCD: Solaris 2.3 Standards Conformance Guide, Chapter 5: POSIX.1
Part No: 801-5263-11
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Sun Microsystems Computer Corporation, Inc.
Computer Hardware Product: SPARCstation 20, Model 502
C Compiler: Sun C Compiler Version 2.0.1, Released Oct. 3, 1992
APTL: 0342 Mindcraft, Inc.

151-2SUN008 Issued: 9/07/94 Type: Native
Product Supplier: **SunSoft, Inc.**
Product: **The INTERACTIVE UNIX Operating System, Version 4.1**
PCD: INTERACTIVE UNIX System V/386 Release 3.2 Standards Conformance Guide, June, 1994
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Compaq
Computer Hardware Product: Proliant 2000 Model 5/66-1
C Compiler: LPI C Version 2.0
APTL: 0342 Mindcraft, Inc.

151-2SUN009 Issued: 9/07/94 Type: Native
Product Supplier: **SunSoft, Inc.**
Product: **Solaris 2.3 with patch 101294-01**
PCD: Solaris 2.3 Standards Conformance Guide, Chapter 5: POSIX.1
Part No: 801-5263-11
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Axil Workstations
Computer Hardware Product: Axil model 220 Professional
C Compiler: gcc version cygnus-2.3.3
APTL: 0342 Mindcraft, Inc.

151-2SUN010 Issued: 9/07/94 Type: Native
Product Supplier: **SunSoft, Inc.**
Product: **Solaris 2.3 with patch 101294-01**
PCD: Solaris 2.3 Standards Conformance Guide, Chapter 5: POSIX.1
Part No: 801-5263-11
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Axil Workstations
Computer Hardware Product: Axil model 311-4.0
C Compiler: gcc version cygnus-2.3.3
APTL: 0342 Mindcraft, Inc.

151-2SUN011 Issued: 10/13/94 Type: Native
Product Supplier: **SunSoft, Inc.**
Product: **Solaris 2.4**
PCD: SunSoft Standards Conformance Reference Manual, August 1994
Part No: 801-6735-10
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Sun Microsystems Computer Corporation
Computer Hardware Product: SPARCserver 1000
C Compiler: Sun C Compiler Version 2.0.1, Released Oct. 3, 1992
APTL: 0342 Mindcraft, Inc.

151-2SUN012 Issued: 10/13/94 Type: Native
Product Supplier: **SunSoft, Inc.**
Product: **Solaris 2.4**
PCD: SunSoft Standards Conformance Reference Manual, August 1994
Part No: 801-6735-10
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Dell Computer Corporation
Computer Hardware Product: 466T
C Compiler: ProCompiler C Version 2.0.1 for x86
APTL: 0342 Mindcraft, Inc.

151-2SUN013 Issued: 10/13/94 Type: Native
Product Supplier: **SunSoft, Inc.**
Product: **Solaris 2.4**
PCD: SunSoft Standards Conformance Reference Manual, August 1994
Part No: 801-6735-10
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Sun Microsystems Computer Corporation
Computer Hardware Product: SPARCstation LX model 4/30
C Compiler: Sun C Compiler Version 2.0.1, Released Oct. 3, 1992
APTL: 0342 Mindcraft, Inc.

151-2SUN014 Issued: 10/13/94 Type: Native
Product Supplier: **SunSoft, Inc.**
Product: **Solaris 2.4**
PCD: SunSoft Standards Conformance Reference Manual, August 1994
Part No: 801-6735-10
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Sun Microsystems Computer Corporation
Computer Hardware Product: SPARCserver 670MP
C Compiler: Sun C Compiler Version 2.0.1, Released Oct. 3, 1992
APTL: 0342 Mindcraft, Inc.

151-2SUN015 Issued: 10/13/94 Type: Native
Product Supplier: **SunSoft, Inc.**
Product: **Solaris 2.4**
PCD: SunSoft Standards Conformance Reference Manual, August 1994
Part No: 801-6735-10
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Sun Microsystems Computer Corporation
Computer Hardware Product: SPARCstation 10, model 52
C Compiler: Sun C Compiler Version 2.0.1, Released Oct. 3, 1992
APTL: 0342 Mindcraft, Inc.

151-2SUN016 Issued: 10/13/94 Type: Native
Product Supplier: **SunSoft, Inc.**
Product: **Solaris 2.4**
PCD: SunSoft Standards Conformance Reference Manual, August 1994 Part No: 801-6735-10
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Sun Microsystems Computer Corp.
Computer Hardware Product: SPARCstation 2 model 4/75
C Compiler: Sun C Compiler Version 2.0.1, Released Oct. 3, 1992
APTL: 0342 Mindcraft, Inc.

151-2SUN017 Issued: 10/13/94 Type: Native
Product Supplier: **SunSoft, Inc.**
Product: **Solaris 2.3 with patch 101294-01**
PCD: Solaris 2.3 Standards Conformance Guide, Chapter 5: POSIX.1
Part No: 801-5263-10
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Axil Workstations
Computer Hardware Product: Axil model 311-5.1
C Compiler: gcc version cygnus-2.3.3
APTL: 0342 Mindcraft, Inc.

151-2SUN018 Issued: 10/13/94 Type: Native
Product Supplier: **SunSoft, Inc.**
Product: **Solaris 2.3 with patch 101294-01**
PCD: Solaris 2.3 Standards Conformance Guide, Chapter 5: POSIX.1
Part No: 801-5263-10
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Axil Workstations
Computer Hardware Product: Axil model 311-5.2
C Compiler: gcc version cygnus-2.3.3
APTL: 0342 Mindcraft, Inc.

151-2SUN019 Issued: 01/24/95 Type: Native
Product Supplier: **SunSoft, Inc.**
Product: **Solaris 2.4 Hardware: 11/94 Plus SMCC Hardware: 11/94 Updates**
PCD: SunSoft Standards Conformance Reference Manual, August, 1994 Part No: 801-6735-10
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Sun Microsystems Computer Corp.
Computer Hardware Product: SPARCcenter 2000E
C Compiler: Sun C Compiler Version 2.0.1, Released Sep. 3, 1992
APTL: 0342 Mindcraft, Inc.

151-2SUN020 Issued: 01/24/95 Type: Native
Product Supplier: **SunSoft, Inc.**
Product: **Solaris 2.4 Hardware: 11/94 Plus SMCC Hardware: 11/94 Updates**
PCD: SunSoft Standards Conformance Reference Manual, August, 1994 Part No: 801-6735-10
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Sun Microsystems Computer Corp.
Computer Hardware Product: SPARCstation 5 model 85
C Compiler: Sun C Compiler Version 2.0.1, Released Sep. 3, 1992
APTL: 0342 Mindcraft, Inc.

151-2SUN021 Issued: 01/24/95 Type: Native
Product Supplier: **SunSoft, Inc.**
Product: **Solaris 2.4 Hardware: 11/94 Plus SMCC Hardware: 11/94 Updates**
PCD: SunSoft Standards Conformance Reference Manual, August, 1994 Part No: 801-6735-10
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Sun Microsystems Computer Corporation
Computer Hardware Product: SPARCstation Voyager
C Compiler: Sun C Compiler Version 2.0.1, Released Sep. 3, 1992
APTL: 0342 Mindcraft, Inc.

151-2SUN022 Issued: 03/07/95 Type: Native
Product Supplier: **SunSoft, Inc.**
Product: **Solaris 2.4 Hardware: 11/94 Plus SMCC Hardware: 11/94 Updates**
PCD: SunSoft Standards Conformance Reference Manual, August, 1994 Part No: 801-6735-10
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Sun Microsystems Computer Corporation
Computer Hardware Product: SPARCstation 20 model HS11 plus SPARC module HS11
C Compiler: Sun C Compiler Version 2.0.1, Released Sep. 3, 1992
APTL: 0342 Mindcraft, Inc.

151-2SUN023 Issued: 03/02/95 Type: Native
Product Supplier: **SunSoft, Inc.**
Product: **Solaris 2.4 Hardware: 11/94 Plus SMCC Hardware: 11/94 Updates**
PCD: SunSoft Standards Conformance Reference Manual, August, 1994 Part No: 801-6735-10
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Sun Microsystems Computer Corporation
Computer Hardware Product: SPARCstation 20 model 712MP
C Compiler: Sun C Compiler Version 3.0.1, Released Jul. 13, 1994
APTL: 0342 Mindcraft, Inc.

151-2TEN001 Issued: 10/25/94 Type: Native
Product Supplier: **Tenon Intersystems**
Product: **MachTen Version 4.0.0**
PCD: MachTen POSIX.1 Conformance Document Release 1.0, October, 1994
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Apple Computer, Inc.
Computer Hardware Product: Macintosh Quadra 630
Host & Development Operating System Supplier: Apple Computer, Inc.
Host & Development Operating System: MacOS 7.1.2P
C Compiler: gcc 2.5.8
APTL: 0342 Mindcraft, Inc.

151-2TEN002 Issued: 10/25/94 Type: Native
Product Supplier: **Tenon Intersystems**
Product: **MachTen Version 4.0.0**
PCD: MachTen POSIX.1 Conformance Document Release 1.0, Oct, 1994
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Apple Computer, Inc.
Computer Hardware Product: Macintosh PowerBook 520
Host & Development Operating System Supplier: Apple Computer, Inc.
Host & Development Operating System: MacOS 7.1.1
C Compiler: gcc 2.5.8
APTL: 0342 Mindcraft, Inc.

151-2TEN003 Issued: 11/08/94 Type: Native
Product Supplier: **Tenon Intersystems**
Product: **MachTen Version 2.1.1**
PCD: MachTen POSIX.1 Conformance Document Release 1.0, October, 1994
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Apple Computer, Inc.
Computer Hardware Product: Macintosh Quadra 630
Host & Development Operating System Supplier: Apple Computer, Inc.
Host & Development Operating System: MacOS 7.1.2P
C Compiler: gcc 2.5.8
APTL: 0342 Mindcraft, Inc.

151-2TEN004 Issued: 11/08/94 Type: Native
Product Supplier: **Tenon Intersystems**
Product: **MachTen Version 2.1.1**
PCD: MachTen POSIX.1 Conformance Document Release 1.0, October, 1994
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Apple Computer, Inc.
Computer Hardware Product: Macintosh PowerBook 520
Host & Development Operating System Supplier: Apple Computer, Inc.
Host & Development Operating System: MacOS 7.1.1
C Compiler: gcc 2.5.8
APTL: 0342 Mindcraft, Inc.

151-2UNI001 Issued: 12/02/93 Type: Native
Product Supplier: **Unisys Corporation**
Product: **Unix System V Release 4 Revision 1.2**
PCD: UNIX System V Release 4.0 POSIX Conformance Programmer's Guide
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Unisys Corporation
Computer Hardware Product: Unisys U6000 Series U6000/65
C Compiler: Unix System V Release 4 Standard C Development Environment Rev. 1.2
APTL: 0342 Mindcraft, Inc.

151-2UNI002 Issued: 12/02/93 Type: Native
Product Supplier: **Unisys Corporation**
Product: **Unix System V Release 4 Revision 1.2**
PCD: UNIX System V Release 4.0 POSIX Conformance Programmer's Guide
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Unisys Corporation
Computer Hardware Product: Unisys U6000 Series U6000/300
C Compiler: Unix System V Release 4 Standard C Development Environment Rev. 1.2
APTL: 0342 Mindcraft, Inc.

151-2UNI003 Issued: 11/15/94 Type: Native
Product Supplier: **Unisys Corporation**
Product: **DYNIX/ptx Release 4.0.0**
PCD: DYNIX/ptx POSIX.1 Conformance Specification Part Number: 7441 0861-000
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Unisys Corporation
Computer Hardware Product: U6000/600 Model60
C Compiler: ptx/C 4.0.0
APTL: 0342 Mindcraft, Inc.

151-2UNI004 Issued: 11/17/94 Type: Native
Product Supplier: **Unisys Corporation**
Product: **Unix System V Release 4 Revision 1.3**
PCD: UNIX System V Release 4.0 POSIX Conformance Programmer's Guide Part Number: 3914 9430-400
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Unisys Corporation
Computer Hardware Product: U6000/430
C Compiler: Unix System V Release 4 Standard C Development Environment, Rev. 1.3
APTL: 0342 Mindcraft, Inc.

151-2UNI005 Issued: 11/17/94 Type: Native
Product Supplier: **Unisys Corporation**
Product: **Unix System V Release 4 Revision 1.3**
PCD: UNIX System V Release 4.0 POSIX Conformance Programmer's Guide Part Number: 3914 9430-400
GTI - Supported by Product MC - Supported by Product
MFS - Supported by Product AP - Supported by Product
Computer Hardware Supplier: Unisys Corporation
Computer Hardware Product: U6000/500 Model 50
C Compiler: Unix System V Release 4 Standard C Development Environment, Rev. 1.3
APTL: 0342 Mindcraft, Inc.

For further information on the NIST/CSL POSIX validation program contact Martha M. Gray, Computer Systems Laboratory, B266 Technology Bldg., NIST, Gaithersburg, MD 20899. Telephone: 301-975-3276, fax: 301-590-0932, e-mail: gray@sst.ncsl.nist.gov.

This register is also available on an electronic mail (email) file server system. To use the service, you must be able to send and receive email via the Internet. For most email systems, send an email message (*mail posix@nist.gov*) with the first line of the message containing a command to *send 151-2reg* and a carriage return. The next line should simply end your email message (on some systems a period and a carriage return). This register will be returned via email to your email address. There is also a register for FIPS 151-1 accredited laboratories and validated products. For this register use the command *send 151-1reg*.

6. COMPUTER SECURITY TESTING

6.1 Cryptographic Standards

The lists in Sections 6.6, 6.7 and 6.8 provide technical information about products that have been validated as conforming to the following computer security FIPS:

a. Data Encryption Standard (DES), FIPS PUB 46-2,

b. Message Authentication Code (MAC), FIPS PUB 113, and

c. Key Management Using ANSI X9.17, FIPS PUB 171.

6.2 Data Encryption Validation Tests

FIPS PUB 46-2 specifies a cryptographic algorithm that converts plaintext to ciphertext using a 56-bit key. Testing procedures for the validation of devices as conforming to FIPS PUB 46-2 are described in the NBS Special Publication 500-20, Validating the Correctness of Hardware Implementations of the NBS Data Encryption Standard. The validation of a device is performed by running the Monte Carlo test described in the publication. The Monte-Carlo test consists of eight million encryptions and four million decryptions, with two encryptions and one decryption making up a single test. The test is designed to use the Electronic Codebook Mode (ECB) of DES. Although the actual test described in NBS Special Publication 500-20 is the same test used to validate devices today, the procedures for administering the test have changed. Currently, the test is performed by the vendor using initial values supplied by NIST. The vendor uses the supplied information to run the Monte-Carlo test and sends the results to NIST.

6.3 Message Authentication Code (MAC) Validation System

FIPS PUB 113, Computer Data Authentication, specifies a Data Encryption Algorithm which may be used to detect unauthorized intentional and accidental modifications to data. This process is known as data authentication. The algorithm is based on DES and is used to authenticate an entire binary message. FIPS PUB 113 is compatible with ANSI X9.9 which provides methods for authenticating an entire binary message as well as all or parts of a message which are in a coded character format. Procedures for the validation of products which implement FIPS PUB 113 and ANSI X9.9 are described in NBS Special Publication 500-156, Message Authentication Code (MAC) Validation System: Requirements and Procedures.

6.4 Key Management Validation System (KMVS)

FIPS PUB 171 adopts ANSI X9.17 for Federal Government use. ANSI X9.17, Financial Institution Key Management (Wholesale), provides procedures and protocols for the secure generation, distribution, storage, entry, use and destruction of symmetric cryptographic keying material (e.g., DES). It provides key management solutions for a variety of operational environments, and as such, ANSI X9.17 contains a number of options. FIPS PUB 171 specifies a particular set of options whenever keying material is distributed using the protocols of ANSI X9.17. Procedures for the validation of products which conform to a subset of the options selected in FIPS PUB 171 are described in the Key Management Validation System: Point-to-Point Validation System document which is available from the Manager of the Security Group (see Section 6.5).

6.5 General

6.5.1 Request for Validation

To validate a product, a vendor should send a formal request for validation which includes a clear indication of the product to be tested. The request must also include the name, address, and telephone number of the person within the vendor's organization who will be responsible for the validation testing. The request should be sent to:

Manager, Security Technology Group
Computer Security Division
National Computer Systems Laboratory
Building 225, Room A216
National Institute of Standards and Technology
Gaithersburg, MD 20899
Telephone (301) 975-2920

6.5.2 Information about Validated Products

It should be noted that the purpose of the following lists (see Sections 6.6, 6.7 and 6.8) is to provide technical information about products that have been validated as conforming to the FIPS Standards listed in Section 6.1. NIST has made every attempt to provide complete and accurate information about the products described in the following lists. However, due to the possibility of changes made within individual companies, NIST cannot guarantee that this document reflects the current status of each product.

6.5.3 Validation Documentation

Copies of the above FIPS and Special Publications are for sale by the National Technical Information Service, U.S. Department of Commerce, Springfield, VA 22161. The KMVS validation requirements document discussed in Section 6.4 can be obtained by contacting the Manager of the Security Technology Group at the above address.

6.6 DES Validated Devices

NOTE: The purpose of this document is to provide technical information about devices that have been validated as conforming to Federal Information Processing Standard Publication 46-2, Data Encryption Standard. The National Institute of Standards and Technology (NIST) has made every attempt to provide complete and accurate information about the devices described in this document. However, due to the possibility of changes made within individual companies, NIST cannot guarantee that this document reflects the current status of each product.

MANUFACTURER ADDRESS	PRODUCT	VALIDATION DATE	DESCRIPTION
ADT Security Systems 2560 Huntington Avenue Fourth Floor Alexandria, VA 22303 -Hal Marriott (703) 960-8548	ADT Universal	10/17/90	Chip is an on-board component for Communicator products in the High Security Intrusion Detection System. System has integrated key management capabilities.
Advanced Engineering Concepts, Inc. 1198 Pacific Coast Highway #D-505 Seal Beach, CA 90740 -Mark Olson (310) 379-1189	MODEM LOCK version 1.0 (firmware) and KEYXL8 version 1.0 (software) (Encryption Only)	5/26/94	MODEM LOCK/KEYXL8 is a firmware/software combination that is intended to be connected between a computer and an external modem; encrypts the modem data stream; works with most computers and most common existing modems; weighs 8oz, small enough for a shirt pocket, runs up to 40 hours on a 9-volt battery, also has an AC adapter.
Advanced Micro Devices, Inc. 4115 Freiderich Lane Mail Stop 135 Austin, TX 78744 -Patrick Soheili (408) 749-2161	AmZ8068 (also known as Am9518)	1/28/81	One 40-pin DIP package; n-channel Si-gate technology; ECB, CBC and 8-bit CFB modes; separate ports for key input, clear data and enciphered data; concurrent input, output and ciphering activities; external DMA control; interfaces with AmZ8000 CPU bus directly, and with the 2900, 8080, 8085 and 8048 families with minimum throughput greater than 1 Mbytes per second; greater than 1 Mbytes per second.
	AM 9568	2/28/84	N-channel silicon gate LSI product containing the circuitry necessary to encrypt and decrypt data; can be used in dedicated controllers, communication concentrators, terminals and peripheral task processors in general processor systems; can be used in CFB, ECB, or CBC operating modes; separate ports for key input, clear data, and enciphered data enhanced security; interface directly to the IAPX86, 88 bus; interfaces with 2900 and 8051 families with minimal external logic.
American Telephone and Telegraph Company (AT&T) 6612 E. 75th Street P.O. Box 1008 Indianapolis, IN 46206 -Ken Zempol (908) 658-6870	AT&T Smart Card Version 2.11/DES	5/3/91	Card is part of a smart card based Computer Security System (CSS). The card is carried by an authorized user and permits the user to gain access to host computer systems that are protected by the CSS.
	AT&T Smart Card Version 3.0/DES (5E1)	7/19/91	This version of the AT&T Smart Card is designed to closely follow developments in the international standards arena in areas of card communication protocols, commands and file structures. It is a general purpose smart card that supports multiple applications and uses the DES as a basic part of its operating system.
American Telephone and Telegraph AT&T Guilford Center I-85 & Mt. Hope Church Road McLeansville, NC 27420 -B.F. Bailey (910) 279-3779 -M. Zugay (910) 279-3779	AT&T Mark E DES Key Generator, PN ON493049-1X	6/3/92	Not Available
	AT&T Mark ET DES Key Generator Part No. AN10014-1	11/2/92	Not Available

DES Validated Devices, *Continued*

MANUFACTURER ADDRESS	PRODUCT	VALIDATION DATE	DESCRIPTION
The Analytic Sciences Corporation 700 Boulevard South, Suite 201 Huntsville, AL 35802 -James Moore (205) 726-6718	DESafe version 1.0 (software)	8/26/94	DESafe is integrated with a commercial Bulletin Board System (BBS) to protect information during transmission to and from the BBS. DESafe permits cleartext file storage on the BBS by performing encryption/decryption "on the fly" during the file transfer. A stand-alone version of DESafe is employed by BBS users to decrypt (encrypt) downloaded (uploaded) files.
AT&T Whippany Road Whippany, N.J. 07981 -William Oeschger (201) 898-1198	AT&T T7000A Digital Encryption Processor	4/22/86	Manufactured using CMOS technology; 40-pin DIP; encryption modes include ECB, CBC, CFB, and OFB; throughput 1.882 Mbytes/second on-chip RAM and ROM program memory.
AT&T Bell Laboratories 25 Lindsley Drive Room 2B-309 Morristown, N.J. 07960 -William Oeschger (201) 898-1198	DEP229ER (WE229ER)	9/6/83	3.5 micron NMOS technology; 40-pin DIP; encryption modes - ECB, CBC, OFB, CFB1, CFB8, CFB64; throughput rate of 117K ciphering operation/second.
Arkansas Systems Inc. 8901 Kanis Road Little Rock, AR 72205-6498 -David H. Bishop (501) 227-8471	DES-MATE	7/6/89	Provides data encryption for messages sent and received on-line between an ATM/EFT Network switch processor and an IBM host participant in that network. DES key management is automatic and under system control.
Burroughs Corporation Federal and Special Systems Group P.O. Box 517 Paoli, PA 19301 (215) 648-2556	PN 2664-9723	3/16/78	Not Available
Chase Manhattan Bank, N.A. 199 Water Street 12th Floor New York, New York 10081	Chase Encryption Device 1	7/24/84	Not Available
Collins Telecommunications Collins Defense Communications 350 Collins Road, NE Mail Stop 120-105 Cedar Rapids, Iowa 52498 -Jim Perkins (310) 395-5773	765-5914-001	10/15/77	pMOS chip with 40 sec algorithm execution time; chip has approximately a 50 nsec state change; can perform I/O functions while the chip is in operation; part of network stand-alone encryptor.
	Voice Privacy Device VP430	10/6/81	Imbedded encryption device for commercial hand-held (319) communications devices.
Computer Elektronik Infosys of America 512-A Herndon Parkway Herndon, VA 22070 -A. Mark Brown (703) 435-3800	SuperCrypt	7/24/91	Chip designed for high speed (12 Megabytes/sec data rates) encryption and decryption. ECB, CBC, CFB and OFB modes of DES supported as well as MAC generation. Available as a 120 Pin Flat Pack.
	CryptCard	1/12/93	CryptCard is an access control and DES encryption adapter for notebook PCs that have a PCMCIA slot.
Cottonwood Software 3448 Orange Street Los Alamos, NM 87544 -Jeffrey Saltzman (505) 661-6701	Cottonwood Software DES Class Library v. 1.05 (software)	8/26/94	Cottonwood Software DES Class Library v. 1.05 is available for license and is the basis of "Data Encryption Standard for Windows" (DES4WIN). DES4WIN offers an efficient, easy to use interface for the Data Encryption Standard within a Windows environment; portable format, clipboard or file encryption/decryption, and complete file erasure.

DES Validated Devices, *Continued*

MANUFACTURER ADDRESS	PRODUCT	VALIDATION DATE	DESCRIPTION
Cylink Corporation 110 South Wolfe Road Sunnyvale, California 94086 -Les Nightingill (408) 735-5800	CY1045	1/28/87	Not Available - Note: The device CY1045 was originally validated under the name CYDES45M.
	Cylink Faxdes	7/1/87	Not Available
	12035-001,DES52M	6/3/92	Not Available
	12422-001,DES2M1CFB	8/27/92	Not Available
Data Critical Corporation 120 N. Robinson, Suite 1520 Oklahoma City, OK 73102 -David Albert (405) 236-4441	DCCDES.LIB for DOS/WINDOWS (software)	1/18/95	The DCCDES.LIB modules for DOS/WINDOWS and OS/2 are both used in the Secure Page+ product line. Secure Page+ provides secure, reliable data transmission over existing paging networks; features Image-APB for Secure Broadcast of Images (Mug Shots, Missing Children, etc); provides the capability to send virtually any type of data to a hand-held, car-mounted or desktop computers over existing paging networks.
Datakey, Inc. 407 West Travelers Trail Burnsville, MN 55337-9990 -Michael Carenzo (612) 890-6850	H8-310 ASACS Smart Card	7/2/92	ASACS is an advanced smart card access control system designed jointly by Datakey, Inc. and the Security Technology Group at NIST. The ASACS hardware consists of a credit-card sized smart card with an embedded Hitachi H8/310 microprocessor and a reader/writer interface which provides an RS-232 serial connection to a host computer. The smart card functions are implemented in firmware which is stored in the memory of the card's microprocessor.
Docutel/Olivetti Corporation 106 Decker Court Suite 300 Irving, Texas 75062 Division of International Marketing (214) 550-5400	Docutel Nordisk Sparadata Cash Dispensing Terminal	6/20/82	Firmware implementation of DES in ROM for 106 PIN/communications security.
Ericsson G.E., Mobile Communications 1 Mountain View Road Lynchburg, VA 24502 -Dan Schwed (804) 948-6055	ADI DES revision 1.0	4/22/94	Software implementation of DES in OFB mode; Provides digital voice encryption for communications between mobile radios, portable radios, and dispatch control consoles in an EDACS Land Mobile Radio Communications System.
The Exchange 15395 SE 30th Place Bellevue, WA 98007 -Patricia Lenti-Crane (206) 644-7000	EXCRYPT DEB-64-KM (originally EXCLUDE DEB-64-KM)	1/26/89	Encrypts and decrypts data; generates random keys; supports up to six security processor boards that can be run in parallel to enhance throughput; has storage capacity for up to 4000 DES keys; developed for secure financial transactions.
Fairchild Semiconductor 2000 Century Plaza Columbia, MD 21044 Sales Department (301) 730-1510	9414 Chip Set	12/20/78	Bit-slice chip set mounted on a 9414 board with edge or ELCO connector; 4 chip set with 40 pins each; 2 bits of each byte are distributed to each chip; single 5V power supply; separate data inputs and outputs; ECB, CFB, and CBC modes of operation.
Front Line Software P.O. Box 217 Lowell, MA 01853 -William Graham (617) 452-3352	726-8064 PROM Device	12/1/86	4 K EPROM to be used with Intel IPAX family of microprocessors including all models of the IBM PC family; all modes of DES supported.

DES Validated Devices, *Continued*

MANUFACTURER ADDRESS	PRODUCT	VALIDATION DATE	DESCRIPTION
GEC-Marconi Limited Ltd. Brown's Lane, The Airport Portsmouth, Hampshire PO3 5PH England -Roger Madden Cycomm Corporation (703) 352-4741	DM800 (Encryption Only)	3/1/93	The DM800 is a module that can be added to an ordinary analogue radio in order to provide communication security by digital encryption.
GEMPLUS CARD International 656 Quince Orchard Road Suite 610 Gaithersburg, MD 20878 -Gilles Lisimaque (301) 990-8800	MCOS16K EEPROM/DES	3/18/91	A multi-application smart card which complies with the ISO standard 7816 (parts 1,2, and 3) for Integrated Circuit cards with contacts.
General Electric Company Mountain View Road Lynchburg, VA 24502 -Jim Elder (804) 948-6187	Part Number 19B801375	6/28/85	The GE DES IC is a microprocessor controlled, low speed asynchronous CMOS IC using DES. Intended to provide secure voice in commercial grade mobile radio applications.
Glenco Engineering, Inc. 270 Lexington Drive Buffalo Grove, IL 60089-6930 -D. Wade Clark (708) 808-0300	Glen-DES PN GL306051	5/8/92	The Glen-DES is a compact 20 pin design, using low power CMOS technology, operating at 3 s using a 16 MHz clock. The DES chip features nonvolatile internal memory, an external key and a combined key. It is available with a simple CPU interface and it supports both PCMCIA and DOS printer port implementations.
GTE Sylvania 77 "A" Street Needham Heights, MA 02194 -Harold Manley (617) 449-2000	Mark IV Firmware DES	2/27/79	Uses AMD-2901, 4-bit slice, bipolar uP.
IBM Corporation Federal Systems Division WK4/988 P.O. Box 100 Kingston, NY 12401 -Robert Elander (914) 385-6692	4402182	11/1/77	This card used in terminal equipment; the chip uses technology with PLA control to implement CBC.
	P/N 8270094 using DES Chip P/N 5898057 (originally 8269206)	8/25/78	This card is used in 3845 and 3846 equipment for 8-bit CFB.
	Two TTL cards - 8632242 and 8679176	9/21/79	Will operate at least at 1.5 Mbytes 360 channel rate; card set is used in 3848 cryptographic unit; uses "Emerald-5" technology.
IBM Corporation 1001 W.T. Harris Blvd. West Charlotte, NC 28257 -William Rohland (704) 594-8250	4754 Security Interface Unit and the Personal Security Card	10/10/90	Devices are used in a transaction security system to protect the privacy and integrity of data using a common cryptographic interface. The security interface unit communicates with the Personal Security Card and the cryptographic adaptor, if present. The Personal Security Card is an integrated-circuit chip card that contains a single chip security processor.
IBM Corporation P.O. Box 950 Poughkeepsie, NY 12602 -Robert Granell (914) 435-5751	IBM ES/9000 Integrated Crypto-graphic Feature	2/26/93	The Integrated Cryptographic Feature is available for inclusion on the IBM ES/9000 processors in support of IBM's cryptographic architecture.

DES Validated Devices, *Continued*

MANUFACTURER ADDRESS	PRODUCT	VALIDATION DATE	DESCRIPTION
IBM Corporation Branch Delivery Systems Dept. 04V, Bldg. 204 1001 W.T. Harris Blvd. Charlotte, NC 28257 -Todd Arnold (704) 594-8253	IBM BDS Portable-C DES, version 1.0 (software)	7/1/94	Portable C-language implementation of DES, used in products developed by IBM Branch Delivery Systems.
Information Security Corporation 1141 Lake Cook Rd., Suite D Deerfield, IL 60015 -Michael Markowitz (708) 405-0500	DES module/Intel, version 3.0 (software)	8/9/94	An extremely high speed module implemented in 386 assembly language. Used in SecretAgent for DOS, Windows and UNIX System V/386. Available as an object module library or DLL, or as one component of the AT&T Surity Cryptographic Development Kits on those platforms.
	DES module/68K, version 3.0 (software)	8/9/94	An extremely high speed module implemented in 68020 assembly language. Used in SecretAgent for Macintosh. Available as an object module library for MPW or Think C, or as one component of the AT&T Surity Cryptographic Development Kits for Macintosh.
	DES module/C, version 2.0 (software)	8/16/94	A portable DES module implemented in C/C++. Used in SecretAgent for UNIX (except on Intel platforms). Available as an object module library, or as one component of the AT&T Surity Cryptographic Development Kits for Sun, DEC, HP and other UNIX platforms.
Intel 1900 Praire City Road Folsom, CA 95630 -Joe Dragony (916) 351-5250	8294	1/3/78	Algorithm is microcode which is burned into a 1 Kbyte ROM on a 5 volt, 40-pin chip driven by a 8042 microprocessor.
	8294A	6/20/82	Same as the 8294 except for a maximum data transfer rate of 400 bytes per second.
John E. Holt & Associates 2714 Key Boulevard Arlington, VA 22201 -John Holt (703) 524-2923	Krypton Firmware	2/12/86	ROM chips for the standard IBM PC family include eight 3722 chips, four 2764 chips and one 27256 chip; 1024-bit CBC chaining; encryption speed dependent on clock of PC; ROM can plug directly into ROM slot.
Jones Futurex 3715 Atherton Road Rocklin, CA 95765 -Steve DeRosa (916) 632-3456	SAFE 300	8/12/93	The SAFE 300 is a stand-alone fax encryptor that provides both public network security and office privacy with automatic fax encryption, confidential fax mailbox, and misdial protection.
Lexicon ICOT Corporation 3801 Zanker Road P.O. Box 5143 San Jose, CA 95150-5143 -Bob Lynch (408) 433-3300	LEX-POS (Model 600)	11/28/84	A Personal Identification Number (PIN) entry device; used in conjunction with financial transaction devices, 16 key keyboard, 20 character display, RS-232 compatible; Lexicon sold LEX-POS to ICOT Corporation.
Logimens Inc. 1080 Beaver Hall, Room 300 Montreal, Quebec H2Z 1S8 -Normand Delisle (514) 876-3646	DESDLL.DLL 2.0 E/D Engine (software)	7/25/94	DESDLL.DLL is the software cryptoengine for WinDES 2.0; WinDES provides easy to use encryption/decryption as well as other file protection features for pc-compatible systems running under MS Windows; supports drag & drop capabilities, file compression, Defense-related secure file deletion, etc.

DES Validated Devices, *Continued*

MANUFACTURER ADDRESS	PRODUCT	VALIDATION DATE	DESCRIPTION
	PcDES 2.0 (software)	7/25/94	PcDES 2.0 (software) provides easy to use data encryption/ decryption (manual and batch modes) as well as other file protection features for pc-compatible systems running under DOS; supports Defense-related secure file deletion, etc.
LSI Logic/Dataco AS Smedeholm 12-14 DK-2730 Herlev Denmark -Jens Kjelsbak 45 44 53 01 00	Dataco L5A4043 2030025402	1/12/90	Custom DES IC was manufactured by LSI Logic for Dataco. The DES chip is designed for optional use in ScaNet local area network products.
Matsushita Electronic Components Co. High Frequency Products Division One Panasonic Way Secaucus, NJ 07094 -Dursun Sakarya (201) 348-7767	EBC 1642 IC Card	3/13/91	Card is designed to be a high security external storage media housing an 8 bit CPU and 64 Kbit EEPROM.
Micro Card Technologies, Inc. 14070 Proton Road Dallas, TX 75244 -Jeff Lang (214) 788-4055	Micro Card TB100 Integrated Circuit Card	9/19/90	A multi-application integrated circuit card which can simultaneously support several application data files. Ciphering and deciphering functions may be used to encrypt or decrypt external messages using DES.
Morse Security Group, Inc. 12960 Bradley Avenue Sylmar, CA 91342-0128 -Nalin Chheda (800) 423-5669; (818) 367-5951	TRAP 5200 System	4/17/90	Touch response alarm processor system, including a receiver processor located in a data gathering center and a series of transponders located at remote locations, contains DES to produce encrypted data that flows along a communication path.
Motorola Microprocessor Products Division 6501 William Cannon Drive West Austin, TX 78735-8598 -Don Ponder (512) 440-2956	MC6859 (originally MGD68NE)	2/11/80	Si-gate depletion mode, nMOS 24-pin DIP using single 5 volt power supply; implements ECB and CFB.
Motorola 1309 East Algonquin Road Schaumburg, IL 60196 -James Osborn (312) 576-2251	T5W-2	11/12/81	Special purpose for internal use only.
-Kelly Mann (708) 576-3610	DES21X81V2.2 (firmware)	2/9/95	Implementation uses the PIC16C57 microcontroller from Microchip; operates in ECB, 64-bit CBC, and 64-bit OFB modes; this product will be used in secure radio systems to augment existing secure communications capabilities in Motorola Land Mobile Product Sector.
Newbridge Microsystems 603 March Road Kanata, Ontario K2K 2M5 DES Product Manager (613) 592-0714	CA95C	9/8/93	The CA95C Data Ciphering Processor implements the DES using the ECB, CFB, or CBC modes of operation. The CA95C provides a high throughput rate up to 11 Mbytes/second. Separate ports for key input, clear data and enciphered data are available.

MANUFACTURER ADDRESS	PRODUCT	VALIDATION DATE	DESCRIPTION
	CA20C03A	4/10/91	A high performance WD20C03A compatible DES data encryption processor with data transfer rates up to 4 Mbytes per second. Supports electronic code book and cipher block chaining modes of operation. Battery backup capability of internal key register. PLCC and PDIP packaging available.
Newnet S.A. Alsina 430 Buenos Aires 1087 Argentina -Daniel Ramos 54 1 334 9732	Data Security Device (DSD 9612)	7/2/91	This device is based on an eight bit INTEL microprocessor with 8 Kbytes of EPROM. Transfer data at speeds of 1200 to 9600 bps and communicates with other devices via EIA RS-232-C ports.
Nixdorf Computer Corporation 168 Middlesex Turnpike Burlington, MA 01803 -Kevin Madden (617) 890-3600	VEM Module	1/7/80	The plug-in module is used with the Nixdorf 8864 CPU for encrypting data transmission blocks and file protection; may be used in terminal applications in the financial community; uses TTL.
Northern Telecom 3705 35th St. NE Calgary, Alberta T1Y 6C2 -Paul Provençal Bell Northern Research (613) 763-8014	BNR 64-bit Cipher Feedback Mode Module, version 1.0 (firmware)	7/19/94	The validated firmware is used in the PowerTouch 350 (Vista 350), an advanced screen telephone that connects to standard analog phone lines. PowerTouch 350 has an 8 line by 21 character display and supports the Bellcore ADSI protocol; uses the DES in 64-bit CFB mode to provide data encryption targeted for banking applications.
-Roland Lockhart Bell Northern Research, Ltd. (613) 763-5367	Entrust DES 32-2/64K Software Module, Version 1.1	9/13/94	DES 32-2/64K is used in the Entrust family of cryptographic products. Entrust provides encryption and digital signature services enterprise-wide, with fully automated key management that scales from small workgroups to 100,000+ users. Entrust is supported across platforms such as Windows, UNIX, Macintosh and mainframes.
Racal-Milgo P.O. Box 407044 Ft. Lauderdale, FL 33340-7044 -Richard Abbruscato (305) 476-6800	Datacryptor	1/7/80	Stand alone equipment with public key management remote distribution of master keys.
Research In Motion 180 Columbia Street West Waterloo, Ontario N2L 3L3 -Herb Little (519) 888-7465	Research In Motion DES Library, version 1.0 (software)	12/16/94	RIM DES Library is a software module DES implementation; it's intended to be used in a variety of wireless communication products such as portable terminals, point of sale equipment, and gateways to ensure privacy of user data.
Rothenbuhler Engineering P.O. Box 708 2191 Rhodes Road Sedro Woolley, WA 98284-0708 -Andrew Benson (206) 856-0836	CLS Series 5200 Encryption Module	3/19/91	The CLS Series 5200 Encryption Module is used in a system which communicates 8 channels of electronic security information between a client and a central monitoring facility.

DES Validated Devices, *Continued*

MANUFACTURER ADDRESS	PRODUCT	VALIDATION DATE	DESCRIPTION
Secur-Data Systems, Inc. Omega Center 7340 Executive Way, Suite R Frederick, MD 21701 -Ronald Baum (301) 698-9955	DESPLEX	2/2/89	Used in a CFB configuration as part of a firmware operating system for processing and transmission of alarm sensor data as well as receiving and annuciating data in an alarm monitoring facility.
Secure Computing Corporation 2675 Long Lake Road Roseville, MN 55113 -Ron Bohn (612) 628-2725	sctc_des.c, version 1.7	4/22/94	Software implementation of DES that is used in LOCKout products; LOCKout uses DES-based challenge-response to provide protection for networks, support remote user dial-in authentication, and provide Internet Firewall protection for host computers.
Texas Instruments, Inc. P.O. Box 1443, M/S 736 Houston, TX 77001 -Mike Polen (713) 274-3635	TMS 99541	2/28/82	Preprogrammed TMS7020 8-bit single chip microprocessor; 40-pin DIP plastic package I/O pins are TTL compatible; master and active key registers.
TimeStep Corporation 600 March Road P.O. Box 13600 Kanata, Ontario K2K 2E6 -Tony Rosati (613) 599-3600	TS95C40	12/16/94	32Mbps DES engine - operates in ECB, CBC, 1-bit and 8-bit CFB modes; 32KB of EEPROM, random bit generator, time -of-day logic; implemented in the PERMIT 1010, a 28-pin, fully encapsulated hybrid device that plugs into boot ROM socket of PC LAN Adapters; enabling technology for network layer encryption, access control, and file integrity applications.
Transcrypt International, Inc. 4800 NW First Street Lincoln, NE 68521 -Jim Gilley (402) 474-4800	Transcrypt DES Subroutine & Key Schedule v 1.00 (software)	11/14/94	Transcrypt DES Subroutine is used in Transcrypt's DME 9600 Dual Mode Encryptor, which connects between the handset and base of a landline telephone, and provides analog scrambling or digital encryption of the conversation. Backwards compatible with Transcrypt's analog cellular and landline voice privacy products.
UNIVAC P.O. Box 3942 St. Paul, MN 55165 -Jim Nelson (612) 631-6728	End-End/Mass Storage Encryptor	1/29/80	Prototype device for testing purposes only.
Virtual Open Network Environment Corp. 12300 Twinbrook Parkway Rockville, MD 20852 -George Thornton (301) 881-2297	V-ONE DES Module (software)	7/25/94	Smart card system for PC security, file encryption and decryption, user authentication, secure remote system logon, personal identification, and multilevel system access.
VLSI Technology, Inc. 8375 S. River Parkway Tempe, AZ 85284 -Ray Slusarczyk (602) 752-8574	VM007 - Data Encryption Processor	1/6/92	The VM007 Data Encryption Processor is a programmable integrated circuit that provides a complete cryptographic system on a single chip; contains a hardware implementation of the DES, RISC-based sequencer, data storage registers, and ROM-based microprogram. Designed to provide very high data and key processing rates (up to 190 Mbits/sec), flexible I/O interfacing, advanced security features, and supports all DES modes of operation; manufactured using 1.0 micron CMOS technology; available in a 84-pin leaded ceramic chip carrier.

DES Validated Devices, *Continued*

MANUFACTURER ADDRESS	PRODUCT	VALIDATION DATE	DESCRIPTION
	VM009 Data Encryption Processor	1/11/93	The VM009 Data Encryption Processor is a programmable integrated circuit that provides a complete cryptographic system on a single chip. Contains a hardware implementation of the DES, and data storage registers. Designed to provide very high data and key processing rates (up to 100 Mbits/sec), flexible I/O interfacing, advanced security features, and supports all DES modes of operation; manufactured using 1.0 micron CMOS technology; available in a 40 lead plastic DIP and 44 lead plastic leaded chip carrier.
Vobach Systems, Inc. 11114 Ashcroft Houston, TX 77096 -Dr. Miles Smither Circuit Concepts, Inc. (713) 331-2744	Shades DES, version 1.0 (software)	1/20/95	Used in Shades products to provide a source of pseudo-random numbers for two purposes. The pseudo-random numbers may be used to 1) encode a plaintext message or ciphertext, and 2) generate substitution or permutation tables for the numerical codings of plaintext characters.
Wells Fargo Security Products A Unit of Baker Protective Services 1010 North Glebe Road, Suite 680 Arlington, VA 22201 -William Martin (703) 247-4250	WP PN 5286/WP PN 5287	5/26/89	The monitor panels are intended for use in a monitoring station of a proprietary intrusion detection alarm system.
Western Digital Corporation 2445 McCabe Way Irvine, CA 92714 Product Marketing Manager for Security Devices (714) 474-2033 x7853	WD-2001/WD2002	8/9/79	Uses Si-gate nMOS, TTL compatible; ECB speeds of up to 40 Kbytes/second, 161 Kbytes/second and 242 Kbytes/second.
	WD20C03 DES Device	5/19/87	Uses Si-gate CMOS, TTL compatible; ECB and CBC, speeds of up to 403 Kbytes/second, 645 Kbytes/second and 807 Kbytes/second in ECB.
			and 807 Kbytes/second in ECB.

6.7 FIPS 113, Computer Data Authentication Message Authentication Code (MAC) Implementations

Vendor/Contact	Implementation	Validated Options
1. ACS Communications Systems Inc. 480 Spring Park Place Suite 900 Herndon, VA 22070 Don Cole, (703) 471-0892	Personal Computer Security Module, PCSM-T May 16, 1986	BINARY OPTION (FIPS 113)
2. Federal Reserve Bank of Cleveland P.O.B. 6387 Cleveland, Ohio 44101 Dave Rich, (216) 579-2221	Jones Futurex PC Encryption Board FRS PC MAC Processor October 26, 1986	BINARY OPTION (FIPS 113) CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING CODED CHARACTERS; ENTIRE MESSAGE; EDITING
3. Shannon Systems, Inc. Mountain View, CA Out of Business	Remote Crypto Facility Software Version 3.0 January 16, 1987	BINARY OPTION (FIPS 113)
4. Codercard, Inc. Rights transferred to LITRONICS Information Systems on Sept. 12, 1990 - see entry 23. LITRONICS Information Systems 2950 Redhill Avenue Costa Mesa, CA 92626 Bob Gray, (714) 557-3444	Personal Computer Security Adaptor, CPS-300 Argus, Version 1 Software February 26, 1987	BINARY OPTION (FIPS 113) CODED CHARACTERS, ENTIRE MESSAGE, NO EDITING CODED CHARACTERS, ENTIRE MESSAGE, EDITING CODED CHARACTERS, EXTRACTED MESSAGE ELEMENTS, NO EDITING CODED CHARACTERS, EXTRACTED MESSAGE ELEMENTS, EDITING
5. Jones Futurex, Inc. 10933 Trade Center Drive Rancho Cordova, CA 95670 Don Thompson, (916) 635-3972	MAC-310 Message Authenticator February 27, 1987	BINARY OPTION (FIPS 113)
6. Infomax Securities 6974 Sandpiper Place Carlsbad, CA 92009 David Howard, (619) 931-8767	Protecom Crypto Processor Protecom Device Driver & Utilities, Version 0.5 March 27, 1987	BINARY OPTION (FIPS 113)
7. Inter-Quest, Inc. 16508 E. Laser Drive Fountain Hills, AZ 85268 Charles Redding, (602) 948-2560	PORT-OF-ENTRY Computer Security System Vers. 1.1 (Software) May 8, 1987	BINARY OPTION (FIPS 113)
6. Infomax Securities 6974 Sandpiper Place Carlsbad, CA 92009 David Howard, (619) 931-8767	Protecom Crypto Processor Protecom Device Driver & Utilities, Version 0.6 May 11, 1987	BINARY OPTION (FIPS 113) CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING CODED CHARACTERS; ENTIRE MESSAGE; EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; EDITING
9. Digitech Telecommunications, Inc. 342 Madison Avenue Suite 2010 New York, NY 10017 James J. McKeeff, (212) 557-7230	Softnet Software, Version 1 June 29, 1987	BINARY OPTION (FIPS 113)
10. Sytek, Inc. Rights transferred to AeT Research, Inc. on January 29, 1988 - see entry 17 AeT Research 675 North First Street Suite 800 San Jose, CA 95112 Linden Feldman, (408) 275-0820	MACbox June 30, 1987	BINARY OPTION (FIPS 113) CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING CODED CHARACTERS; ENTIRE MESSAGE; EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; EDITING
11. Inter-Quest, Inc. 16508 East Laser Drive Fountain Hills, AZ 85268 Charles Redding, (602) 948-2560	PORT-OF-ENTRY Computer Security System Vers 1.2 (Software) August 17, 1987	BINARY OPTION (FIPS 113) CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING CODED CHARACTERS; ENTIRE MESSAGE; EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; EDITING
12. Racal-Guardata Limited Richmond Court 309 Fleet Road Fleet, Hampshire GU13 6BU England Paul Halliden, (252) 622144, England	PC Security Module, RGL 600 RGL 600 Host PC C Driver Software, Version: V1.01 November 20, 1987	BINARY OPTION (FIPS 113)
13. The Chase Manhattan Bank, N.A. 1 Seaport Plaza 11th Floor New York, New York 10038 Bob Martian, (212) 797-4038	C-FIMAS 16 Software, Version 1.0 December 8, 1987	BINARY OPTION (FIPS 113) CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING CODED CHARACTERS; ENTIRE MESSAGE; EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; EDITING
14. Ataila Corporation 2304 Zanker Road San Jose, CA 95131 Dale Hopkins, (408) 435-8850	Personal Computer Module, CPCM CPCM.HEX Software, Version OA 13-2043-01 January 11, 1986	BINARY OPTION (FIPS 113)

Message Authentication Code (MAC) Implementations, *Continued*

Vendor/Contact	Implementation	Validated Options
16. GN Telematic, Inc. 46 Manning Road Billerica, MA 01821 Poul Hebsgaard, (617) 667-8644	safeMatic 2000, KB76-17527 Coded Character Set Processing Software, Model KB77-17012, Version A February 3, 1988	BINARY OPTION (FIPS 113) CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING CODED CHARACTERS; ENTIRE MESSAGE; EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; EDITING
17. AeT Research 675 North First Street Suite 800 San Jose, CA 95112 Originally validated on June 30, 1987 as a Sytek, Inc. device - see entry 10. Linden Feldman, (408) 275-0820	MACbox August 8, 1988	BINARY OPTION (FIPS 113) CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING CODED CHARACTERS; ENTIRE MESSAGE; EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; EDITING
18. Atalla Corporation 2304 Zanker Road San Jose, CA 95131 Dale Hopkins, (408) 435-8850	Personal Computer Module, MN-40-249 CPCM.HEX Software, Version OE 13-2043-00 September 26, 1988	BINARY OPTION (FIPS 113)
19. Cypher Communications Technology, Inc. 4520 East-West Highway Suite 550 Bethesda, MD 20814 Angel Bailey, (301) 652-6790	CYCOM SCI AX3 5.01, Version 10084002 February 2, 1989	BINARY OPTION (FIPS 113)
20. Dial-Guard 55 Koch Road/PO Box 7045 Corte Madera, CA 94925 Shun-Hwa Chang or Trone Miller, (415) 927-2232	Dial-Guard Remote Authenti- cator 01-103, Version 2.0 Rev. 0 March 6, 1989	BINARY OPTION (FIPS 113)
21. Okiok Data 3945 St. Martin Laval, Quebec, Canada H7T 1B7 Claude Vigeant, (514) 681-1681	RAC/M FAS-PACK, Version 1.0 April 24, 1989	BINARY OPTION (FIPS 113) CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING CODED CHARACTERS; ENTIRE MESSAGE; EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; EDITING
22. Racal-Guardata, Inc 480 Spring Park Place Suite 900 Herndon, VA 22070 Brian Bucholz, (703) 471-0892	X9 Crypto Server June 1, 1990	BINARY OPTION (FIPS 113) CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING CODED CHARACTERS; ENTIRE MESSAGE; EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; EDITING
23. LITRONIC Information Systems 2950 Redhill Avenue Costa Mesa, CA 92626 Rights transferred on September 12, 1990 Bob Gray, (714) 545-6649 James Prohaska, (703) 960-8068	Personal Computer Security Adapter Argus, Version 1 Software** Originally validated by Codercard, Inc. on February 26, 1987 - see entry 4.	BINARY OPTION (FIPS 113) CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING CODED CHARACTERS; ENTIRE MESSAGE; EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; EDITING
24. IBM Corporation Dept. 65K/B204-3 1001 W.T. Harris Blvd. Charlotte, NC 28257 Roger Evans, (704) 594-7060	4755 Cryptographic Adapter October 15, 1990	BINARY OPTION (FIPS 113)
25. IBM Corporation Dept. 65K/B204-3 1001 W.T. Harris Blvd. Charlotte, NC 28257 Roger Evans, (704) 594-7060	4754 Security Interface Unit October 15, 1990	BINARY OPTION (FIPS 113)
26. IBM Corporation Dept. 65K/B204-3 1001 W.T. Harris Blvd. Charlotte, NC 28257 Roger Evans, (704) 594-7060	IBM Personal Security Card October 15, 1990	BINARY OPTION (FIPS 113)
27. Cypher Communications Technology, Inc. 15200 Shady Grove Rd. Suite 350 Rockville, MD 20850 Angel Bailey, (301) 590-9314	CYCOM SCI/SL 96 AX5 5.03, Version 10084012 December 19, 1990	BINARY OPTION (FIPS 113)
28. Cypher Communications Technology, Inc. 15200 Shady Grove Rd. Suite 350 Rockville, MD 20850 Angel Bailey, (301) 590-9314	CYCOM SCI 192 AX7 5.05, Version 10084020 January 10, 1991	BINARY OPTION (FIPS 113)

Vendor/Contact	Implementation	Validated Options
29. Digital Equipment Corporation Digital Drive - MK01-2/B06 Merrimack, NH 03054 Steve Lawrence, (603) 884-3445	PIN Pad 201 SMD Model: P003-120-XX March 25, 1991	BINARY OPTION (FIPS 113)
30. Information Security Corporation 1141 Lake Cook Road Suite D Deerfield, IL 60015 Michael Markowitz, (708) 405-0500	DES Module used in SpyProof! July 10, 1991	BINARY OPTION (FIPS 113)
31. Digital Signature Validated by Information Security Corporation 1115 N. East Avenue Oak Park, IL 60302 Michael Markowitz, (708) 405-0500	DES Module used in CryptMaster (3.20) and SecretAgent (1.00) July 15, 1991	BINARY OPTION (FIPS 113)
32. The Exchange Systems 15395 SE 30th Place Bellevue, WA 98007-6594 Robert Adamson, (206) 644-7000 X255	PCE-3000 (IBM PS/2 Microchannel) January 8, 1992	BINARY OPTION (FIPS 113) CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING CODED CHARACTERS; ENTIRE MESSAGE; EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; EDITING
33. The Exchange Systems 15395 SE 30th Place Bellevue, WA 98007-6594 Robert Adamson, (206) 644-7000 X255	PCE-1000 ISA Adaptor January 9, 1992	BINARY OPTION (FIPS 113) CODED CHARACTERS; ENTIRE MESSAGE; NO EDITING CODED CHARACTERS; ENTIRE MESSAGE; EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; NO EDITING CODED CHARACTERS; EXTRACTED MESSAGE ELEMENTS; EDITING

6.8 FIPS 171, Key Management Validation Using ANSI X9.17

Vendor/Contact	Implementation	Validated Options
1. LITRONICS Information Systems 2950 Redhill Avenue Costa Mesa, CA 92626 (Originally validated by Codercard; rights transferred on September 11, 1990) Bob Gray, (714) 545-6649 James Prohaska, (703) 960-8068	Hardware: Argus-PC, Model: CMS-100 Software: Argus/MACE Software, Version: 1.0 September 23, 1988	No. of communicating pairs: 2 No. of manual (*)KKs per comm. pair: 2 Length of manual and auto. (*)KKs: PAIR Key generation capability: YES Number of auto. distr. (*)KKs shared: UP TO 4 Number of KDs shared: UP TO 8 2 KDs in KSMs: SOMETIMES Send RSI messages: NOT TESTED Receive RSI messages: NOT TESTED Notarization of keys in KSMs: ALWAYS Send odd parity on keys in KSMs: ALWAYS Send IVs in KSMs: SOMETIMES Send encrypted IVs in KSMs: ALWAYS Send EDCs in RSIs and ESMs: ALWAYS Action if EDC received in RSIs and ESMs: NOT APPLICABLE Send EDKs in KSMs: SOMETIMES Action on count error: ADJUST COUNT Send DSMs: YES Receive DSMs: YES IDA in DSM if only one KD can be shared: YES Role assumed: EITHER A OR B Automatic error recovery: NOT TESTED Space & CRLF as field delimiter: NOT TESTED
2. TECHNICAL COMMUNICATIONS CORPORATION 100 Domino Drive CONCORD, Massachusetts 01742 John Gill, (617) 862-6035	Hardware: CX5000A Software: Version: 1.0 May 6, 1991	No. of communicating pairs: 1 No. of manual (*)KKs per comm. pair: 2 Length of manual and auto. (*)KKs: PAIR Key generation capability: YES Number of auto. distr. (*)KKs shared: 0 Number of KDs shared: 1 2 KDs in KSMs: NEVER Send RSI messages: NOT TESTED Receive RSI messages: NOT TESTED Notarization of keys in KSMs: ALWAYS Send odd parity on keys in KSMs: ALWAYS Send IVs in KSMs: SOMETIMES Send encrypted IVs in KSMs: ALWAYS Send EDCs in RSIs and ESMs: ALWAYS Action if EDC received in RSIs and ESMs: NOT APPLICABLE Send EDKs in KSMs: NEVER Action on count error: ADJUST COUNT Send DSMs: YES Receive DSMs: YES IDA in DSM if only one KD can be shared: YES Role assumed: EITHER A OR B Automatic error recovery: NOT TESTED Space & CRLF as field delimiter: NOT TESTED
3. TECHNICAL COMMUNICATIONS CORPORATION 100 Domino Drive CONCORD, Massachusetts 01742 John Gill, (617) 862-6035	Hardware: CX5000 Software: Version: 2.0 May 15, 1991	No. of communicating pairs: 1 No. of manual (*)KKs per comm. pair: 2 Length of manual and auto. (*)KKs: PAIR Key generation capability: YES Number of auto. distr. (*)KKs shared: 4 Number of KDs shared: 1 2 KDs in KSMs: NEVER Send RSI messages: NOT TESTED Receive RSI messages: NOT TESTED Notarization of keys in KSMs: ALWAYS Send odd parity on keys in KSMs: ALWAYS Send IVs in KSMs: SOMETIMES Send encrypted IVs in KSMs: ALWAYS Send EDCs in RSIs and ESMs: ALWAYS Action if EDC received in RSIs and ESMs: NOT APPLICABLE Send EDKs in KSMs: NEVER Action on count error: ADJUST COUNT Send DSMs: YES Receive DSMs: YES IDA in DSM if only one KD can be shared: YES Role assumed: EITHER A OR B Automatic error recovery: NOT TESTED Space & CRLF as field delimiter: NOT TESTED
4. COMMUNICATION DEVICES, INC. 1 Forstmann Court Clifton, NJ 07011 Gene Hartsell, (201) 772-6997	Hardware: RSD/E Software: Version 7.2	No. of communicating pairs: 1 No. of manual (*)KKs per comm. pair: 1 Length of manual and auto. (*)KKs: PAIR Key generation capability: NO Number of auto. distr. (*)KKs shared: 0 Number of KDs shared: 1 2 KDs in KSMs: NEVER Send RSI messages: NOT TESTED Receive RSI messages: NOT TESTED Notarization of keys in KSMs: ALWAYS Send odd parity on keys in KSMs: ALWAYS Send IVs in KSMs: SOMETIMES Send encrypted IVs in KSMs: ALWAYS Send EDCs in RSIs and ESMs: ALWAYS Action if EDC received in RSIs and ESMs: NOT APPLICABLE Send EDKs in KSMs: NEVER Action on count error: ADJUST COUNT Send DSMs: YES Receive DSMs: YES IDA in DSM if only one KD can be shared: YES Role assumed: EITHER A OR B Automatic error recovery: NOT TESTED Space & CRLF as field delimiter: NOT TESTED Number of communicating pairs: 1 Number of manual (*)KKs per comm. pair: 2 Length of manual and

APPENDIX A

FIPS CONFORMANCE TESTING PRODUCTS AND SERVICES

APPENDIX A

FIPS CONFORMANCE TESTING PRODUCTS AND SERVICES

The purpose of this appendix is to provide information about products and services that are available to Federal Agencies for assessing products for conformance to FIPS.

The entries in this list identify the topic, the standard tested, the NIST contact, and the product or service offered. The letters T, S, or C in the Product/Service column indicate a test method, testing service, or certificate/registered report respectively.

TOPIC	STANDARD	CONTACT	PRODUCT/SERVICE
COBOL	FIPS PUB 21-3	Judy Kailey NIST, Bldg. 225, Rm. A266 Gaithersburg, MD 20899 (301) 975-3259	T, S, C
Fortran	FIPS PUB 69-1	Judy Kailey NIST, Bldg. 225, Rm. A266 Gaithersburg, MD 20899 (301) 975-3259	T, S, C
Pascal	FIPS PUB 109	Carmelo Montanez (Technical) NIST, Bldg. 225, Rm. A266 Gaithersburg, MD 20899 (301) 975-2398 Judy Kailey (Scheduling) (301) 975-3259	T, S, C
C	FIPS PUB 160	Carmelo Montanez (Technical) NIST, Bldg. 225, Rm. A266 Gaithersburg, MD 20899 (301) 975-2398 Judy Kailey (Scheduling) (301) 975-3259	T, S, C
Ada	FIPS PUB 119	William Dashiell NIST, Bldg. 225, Rm. A266 Gaithersburg, MD 20899 (301) 975-2490	T, S, C
M (MUMPS)	FIPS PUB 125	William Dashiell NIST, Bldg. 225, Rm. A266 Gaithersburg, MD 20899 (301) 975-2490	T, S, C

TOPIC	STANDARD	CONTACT	PRODUCT/SERVICE
VHDL	FIPS PUB 172	William Dashiell NIST, Bldg. 225, Rm. A266 Gaithersburg, MD 20899 (301) 975-2490	(Planned)
SQL	FIPS PUB 127-2	Joan Sullivan NIST, Bldg. 225, Rm. A266 Gaithersburg, MD 20899 (301) 975-3258	T, S, C
GKS	FIPS PUB 120	Susan (Quinn) Sherrick NIST, Bldg. 225, Rm. A266 Gaithersburg, MD 20899 (301) 975-3268	T, S, C
CGM	FIPS PUB 128 MIL-D-28003	Lynne Rosenthal NIST, Bldg. 225, Rm. A266 Gaithersburg, MD 20899 (301) 975-3353	T, S, C
PHIGS	FIPS PUB 153 ANSI/ISO 9592.1-1989	Kevin Brady NIST, Bldg. 225, Rm. A266 Gaithersburg, MD 20899 (301) 975-3644	T, S, C
Raster	FIPS PUB 150 MIL-R-28002	Frank Spielman NIST, Bldg. 225, Rm. A266 Gaithersburg, MD 20899 (301) 975-3257	T, S, C
IRDS	FIPS PUB 156	Alan Goldfine NIST, Bldg. 225, Rm. A266 Gaithersburg, MD 20899 (301) 975-3252	T, S, C
POSIX	FIPS PUB 151-2	Martha Gray NIST, Bldg. 225, Rm. B266 Gaithersburg, MD 20899 (301) 975-3276	T, S, C
Message Authentication	FIPS PUB 113	Miles Smid NIST, Bldg. 225, Rm. A216 Gaithersburg, MD 20899 (301) 975-2938	T, S, C
Key Management Validation	FIPS PUB 171 ANSI X9.17	Miles Smid NIST, Bldg. 225, Rm. A216 Gaithersburg, MD 20899 (301) 975-2938	T, S, C

TOPIC	STANDARD	CONTACT	PRODUCT/SERVICE
Data Encryption Standard	FIPS PUB 46-1	Miles Smid NIST, Bldg. 225, Rm. A216 Gaithersburg, MD 20899 (301) 975-2938	T, S, C
GOSIP	FIPS PUB 146	J. P. Favreau NIST, Bldg. 225, Rm B217 Gaithersburg, MD 20899 (301) 975-3634	T, S
1984 X25	CCITT X.25-1984 ISO 7776, ISO 8208 ISO 8882, ISO 9646 FIPS PUB 100-1	David Su NIST, Bldg. 223, Rm. B364 Gaithersburg, MD 20899 (301) 975-6194	T
ISDN	FIPS PUB 182	David Su NIST, Bldg. 223, Rm. B364 Gaithersburg, MD 20899 (301) 975-6194	T
ISDN Physical Layer	ANSI T1.605 (S/T Interface) ANSI T1.601 (U Interface)	David Su NIST, Bldg. 223, Rm. B364 Gaithersburg, MD 20899 (301) 975-6194	T
ISDN Data Link Layer	CCITT Q.921 ANSI T1.602	David Su NIST, Bldg. 223, Rm. B364 Gaithersburg, MD 20899 (301) 975-6194	T
ISDN Network Layer	ANSI T1.607 ANSI T1.608 FIPS PUB	David Su NIST, Bldg. 223, Rm. B364 Gaithersburg, MD 20899 (301) 975-6194	T
FDDI	ANSI X3T9	David Su NIST, Bldg. 223, Rm. B364 Gaithersburg, MD 20899 (301) 975-6194	T