

Supplement to ACATR *EDS19990910DDC02*
2001-08-22

DDC-IA/S (the client) hereby requests that the Ada Conformity Assessment Authority (ACAA) extend the certified status documented in the above-referenced Ada Conformity Assessment Test Report (ACATR) and in Ada Conformity Assessment Certificate (ACAC) *A991113E2.2-002* to the implementation class(es) described in the following pages.

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Approval: _____ _____

 Ada Conformity Assessment Authority Date

Implementation Class Information

Implementation Class Category: *Rehosted*

Processor Identification: *DDC-I SCORE PC/Windows NT Ada Compiler System, Version 2.2 for PowerPC*

Host Systems: *PC running Windows NT 4.0 or later*

Target Systems: *PowerPCs of the 603e family*

Representative Processor and Configuration Tested:

Host System: *"Unique" AMD Athlon 500MHz PC running Windows NT 4.0 service pack 6*

Target System: *CETIA CVME60x (PowerPC 603e) (bare)*

ACATS Version Used for Testing Representative Processor:
ACATS 2.4 (VCS label A2_4D)

Client Certification of Testing and Processor Derivation:

I, the undersigned, representing the Client, certify that the above identified representative processor was tested on the described configuration with the customized ACATS version described above, including the code modifications and implementation-defined substitution values that were used in the conformity assessment leading to the certificate named in this Supplement, with modifications described in this Supplement, and that the testing results were the same as those obtained in that conformity assessment, with exceptions as described in this Supplement. I further declare that the Client knows of no deliberate deviations from the Ada language standard (ANSI/ISO/IEC 8652:1995) as corrected by Technical Corrigendum 1 (ISO/IEC 8652:1995/Cor.1:2001) in the identified representative processor above. I further certify that the above-identified representative processor and configuration meets the definition of base, maintained, or rehosted implementation (as described in the Operating Procedures for Ada Conformity Assessment).

Erik Jensen

Date

Maintenance Changes:

Various corrective and perfective changes has been performed with the most significant for the ACATS being:

- *Corrections to meet Technical Corrigendum 1 of the Ada Reference Manual,*
- *Improvements of a number of error messages,*
- *Change in parameter handling (previously a fixed parameter was transferred to the running program, not so anymore).*

Furthermore, the Ada processor has been rehosted from Sun/Solaris to PC/Windows NT 4.0.

ACATS Modifications:

Apart from the ACAA changes to ACATS from version 2.2F to 2.4D, the following modification was made:

- *In the support file `macro.dfs` the macro `FIELD_LAST` was changed from the value 255 to 511. This change affects only a single test: `ce3002c`.*

The following allowable modifications in ACATS 2.4 (VCS label A2_4D) were used:

c490001

c490002

(See ACATR EDS19990910DDC02-2.2 for the allowable modifications used in the original assessment.)

Test Results Differences:

The only test result difference except the obvious ones:

- *Test results for tests that have been added to ACATS,*
- *The ACATS version number printed on execution logs,*
- *Changed error message wordings,*
- *Output is formatted with the Windows NT standard line terminators,*

is that the test cxa£001 now issues one comment less due to a change in parameter handling.

Of the tests added to the suite between ACATS 2.2 (VCS label A2_2F) and ACATS 2.4 (VCS label A2_4D), none were graded as inapplicable or unsupported.

ACAL Review:

The Electronic Data Systems (EDS) Ada Conformity Assessment Laboratory reviewed the results submitted by DDC-I A/S, as described in this Supplement, and has confirmed that all test results submitted are equivalent to those produced by the reference processor.

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