BUSINESS PLAN FOR JTC 1/SC22 WG11

PERIOD COVERED: August 2004 - July 2005

SUBMITTED BY:

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1. MANAGEMENT SUMMARY:

1.1 JTC 1/SC22 WG11 Statement of Scope

1.2 Project Report
1.2.1 Completed Projects


JTC1.22.16 — ISO/IEC 13886:1996 - Language Independent Procedure Calling


JTC1.22.46 — TR 14369:1999 - Guidelines for the Preparation of Language Independent Service Specifications

1.2.2 Projects Underway

JTC1.22.33 — FDIS 10967-3 - Language Independent Arithmetic, Part 3: Complex Floating Point Arithmetic and Complex Elementary Numerical Functions
The FCD 10967-3 ballot closed with two No votes (see SC22 N3825); during the WG11 meeting in April 2005, the ballot comments were discussed and one No vote (from Japan) was changed to Yes.
The FDIS 10967-3 document will be submitted for ballot shortly.
The revision of IEC 60559 (also known as IEEE 754, the floating-point standard) is closely followed to see whether this revision has consequences for the LIA documents.

With the completion of the set of LIA documents, WG11 proposes to make all parts of ISO/IEC 10967 freely available.
JTC1.22.17 — ISO/IEC 11404:200x - General Purpose Datatypes
ISO/IEC 11404 is under revision; the FCD ballot closed on 2005-05-24 (with one No vote),
the tables of replies are in SC22/N3904. During a telecon on 2005-06-21 the major ballot
comments were discussed with the aim to provide the project editor with direction for his
ballot resolution proposal. The ballot resolution meeting will be held during a WG11
meeting in New York on October 5-6, 2005.

1.3 Cooperation and Competition
The WG11 documents are mainly produced to be used by other programming language
committees. Therefore, WG11 maintains liaisons with many of the SC22 WGs.

In order to improve the usability of the WG11 documents, especially outside JTC1, it is
beneficial to make these documents freely available.

The WG11 Technical Reports 10182 and 14369, as well as ISO/IEC 11404:1996 and
ISO/IEC 13886:1996 are freely available (via ITTF and via the WG11 website).

2. PERIOD REVIEW
2.1 Market Requirements
There are no clearly defined market requirements for the WG11 projects; however several
ISO/IEC standards make reference to the documents. There is thus apparently an indirect
market requirement.

2.2 Achievements
Despite the sometimes small participation in WG11, a number of high quality ISO
standards have been produced.

2.3 Resources
WG11 resources have been a problem for the past years, and continue to be so. Attendance
is very low, and project editors are difficult to find.

3. FOCUS NEXT WORK PERIOD
3.1 Deliverables
The 10967-3 and the 11404 documents should be progressed. Furthermore, the final
harmonization of the LIA documents should be prepared.

3.2 Strategies
3.2.1 Risks
Participation is a clear risk for the progression of the WG11 work.

The SC22 Member Bodies are invited to provide resources so that WG11 at least can finalize
its current work items.

3.2.2 Opportunities
No further opportunities have been identified.

3.2.3 Work Program Priorities
The progression of LIA-3 and the revision of LID to become GPD have the highest priority.

4. ADMINISTRATIVE INFORMATION
4.1 WG11 Liaisons

Liaisons exist with the following SC22 WGs: WG3 - APL, WG4 - COBOL, WG9 - Ada and WG14 - C.

Mr. Frank Farance is acting liaison between SC32/WG2 and WG11 on issues related to the revision of ISO/IEC 11404.

5. SC22 PLENARY ACTIONS RELATED TO WG11

The LIA series of documents (ISO/IEC 10967) are considered to be base documents (or frame-work documents) for standards writers; therefore, WG11 proposes that all parts of ISO/IEC 10967 be made Freely Available from the ITTF website.