BUSINESS PLAN FOR JTC 1/SC22 WG11

PERIOD COVERED: August 2002 - July 2003

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 -- CD 10967-3 - Language Independent Arithmetic, Part 3: Complex Floating Point Arithmetic and Complex Elementary Numerical Functions

The ballot for CD 10967-3 closed on 2002-12-24;
8 countries voted YES without comments, 1 country voted YES with comments and 2 countries voted NO; the major concerns were that the document was lacking essential specifications and that the document becomes too large.
It is expected that the Disposition of Comments is ready by before the end of August, and the next version of the CD in October.
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.

JTC1.22.17 -- ISO/IEC 11404:200x - General Purpose Datatypes
A revision of ISO/IEC 11404 is planned; a road-map for this revision, together with the first CD, will be distributed to SC22 shortly.
It is remarkable that many organizations outside SC22 (like SC32 - Data management and Interchange, and the W3C consortium) are interested in this specification.

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 publicly available.

The WG11 Technical Reports 10182 and 14369, as well as ISO/IEC 11404:1996 are publicly available (via ITTF and via the WG11 website).
The public availability of ISO/IEC 13886:1996 has been approved by JTC1; however the document is not yet release by ITTF.
Once ISO/IEC 10967-3 is finalized, WG11 will request for public availability of all parts of ISO/IEC 10967.

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
CD stage documents should be prepared for both LIA-3 and the revision of LID.

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 have
the highest priority.

4. ADMINISTRATIVE INFORMATION

4.1 WG11 Liaisons
Liaisons exist with the following SC22 WGs: WG3 - APL,
WG4 - COBOL, WG9 - Ada, WG14 - C and WG20 - Internationalization.

Informal liaisons also exist with SC22/WG13 - Modula-2, SC22/WG19 -
Formal Language Techniques, and SC2 - Characters.

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
No actions requested.