BUSINESS PLAN FOR JTC 1/SC22 WG11

PERIOD COVERED: July 2010 - June 2011

SUBMITTED BY:

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1. MANAGEMENT SUMMARY:

1.1 JTC 1/SC22 WG11 Statement of Scope

Development of ISO/IEC Standards and Technical Reports related to Binding Techniques and (Programming) Language Independent Issues.

1.2 Project Report

1.2.1 Completed Projects

JTC1.22.14 -- ISO/IEC TR 10182:1993 - Language Bindings Guidelines

JTC1.22.17 -- ISO/IEC 11404:2007 – General Purpose Datatypes

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

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

JTC1.22.28 -- ISO/IEC 10967-1:1994 - Language Independent Arithmetic,
     Part 1: Integer and Floating Point Arithmetic

JTC1.22.33 -- ISO/IEC 10967-2:2001 - Language Independent Arithmetic,
     Part 2: Elementary Numerical Functions

JTC1.22.33 -- ISO/IEC 10967-3:2006 - Language Independent Arithmetic,
     Part 3: Complex Floating Point Arithmetic and Complex Elementary Numerical
     Functions

1.2.2 Projects Underway

JTC1.22.33 -- ISO/IEC 10967:200x -- Language Independent Arithmetic
After the publication of ISO/IEC 10967-3 in 2006 WG11 started the review project for all
three parts.

In October 2010 the revision of ISO/IEC 10967-1 was available for a two months review period within WG11; during this period no comment (either positive or negative) on the document was received. In January 2011 the FCD 10967-1 ballot was started in SC22 (see SC22 N4593, deadline 2011-05-08); the result of this ballot (see SC22 N4621) was as follows: approval as presented: 10, approval with comments: 2 (UK, Japan), disapproval: 0, abstention: 7. Furthermore, comments were received from ITTF.
Based on the outcome of the ballot the editor will produce a Disposition of Comments document and the FDIS document for ballot; these documents are expected to be available in September 2011.

Seeing the lack of response on the internal WG11 review of FCD 10967-1 the convener and the project editor decided that it was not worth the effort to continue the work on the revision of parts 2 and 3; on 23-12-2010 WG11 was informed by email of this decision, no comment was received.

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.

All approved WG11 documents are freely available from the ITTF website (and from 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

FDIS ISO/IEC 10967-1.

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 revision of ISO/IEC 10967-1.

4. ADMINISTRATIVE INFORMATION

4.1 WG11 Liaisons

Liaisons exist with the following SC22 WGs: 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

As the last running project (revision of ISO/IEC 10967-1) will be closed soon (after the FDIS ballot) SC22 is asked to put WG11 into maintenance mode.

The responsibility of ISO/IEC 11404:2007 should be transferred to SC32/WG2.