

**BUSINESS PLAN FOR JTC 1/SC22 WG11**

**PERIOD COVERED: July 2008 - June 2009**

**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. Description of the work:

the review should be aimed at aligning the concepts and terminology; no introduction of new features;  
the review of the FDIS ballot comments (mainly from Japan) on LIA-3 should be finalized.

The first step of the review was finalized by the CD Registration and Approval ballot on ISO/IEC 10967-1, which passed (see SC22 N 4348).

Due to an unfortunate delay there has not been any noticeable progress in the production of the subsequent versions of the documents. However it is planned to have the revision of part 1 ready by the Plenary in September, 2009.

The next step will be the simultaneous FCD ballot on all three parts of 10967.

### **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**

Revision of all parts of ISO/IEC 10967.

### **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 all parts of ISO/IEC 10967.

## **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**

An extension for the revision project for all parts of ISO/IEC 10967 will be asked.