BUSINESS PLAN FOR JTC 1/SC22 WG11

PERIOD COVERED: June 2000 - August 2001

SUBMITTED BY:

W. F. Wakker (Convener JTC 1/SC22 WG11)
ACE Consulting bv
Van Eeghenstraat 100
1071 GL, Amsterdam, Netherlands
Email: willemw@ace.nl

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 -- WD 10967-3 - Language Independent Arithmetic, Part 3: Complex Floating Point Arithmetic and Complex Elementary Numerical Functions
The registration ballot for WD 10967-3 ends on 2001-10-26.

A revision of ISO/IEC 11404 is planned; a roadmap for this revision will be distributed to SC22 shortly. It is remarkable that many organisations 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 finalised, 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.

During the period covered, ISO/IEC 10967-2 - Language Independent Arithmetic, Part 2: Elementary Numerical Functions - passed its final ballot; the document is now waiting for publication.

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
A first WD for LIA-3 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 finalization of LIA-2 has the highest priority.
Furthermore, a revision of ISO/IEC 11404:1996 is considered. A roadmap for this work will be presented in the summer of 2000.

4. ADMINISTRATIVE INFORMATION

4.1 WG11 Liaisons
Liaisons exist with the following SC22 WGs: WG2 - Pascal, WG3 - APL, WG4 - COBOL, WG9 - Ada, WG14 - C, WG20 - Internationalization and WG22 - PCTE. Also, a liaison representative from SC26 (Micro Processors) to WG11 has been appointed.

Informal liaisons also exists with SC22/WG13 - Modula-2, SC22/WG17 - Prolog and SC2 - Characters.
### 4.2 Contact Points

**Drs. Willem Wakker**  
ACE Consulting bv  
Van Eeghenstraat 100  
1071 GL AMSTERDAM  
Nederland  
Phone: +31 20 6646416  
Fax: +31 20 6750389  
Email: willemw@ace.nl  
Remark: Convener SC22/WG11

**Mr. Tom Turba**  
Unisys Corporation  
P.O. Box 64942  
St. Paul MN 55164-0942  
U.S.A.  
Phone: +1 612 635 6774  
Fax: +1 612 635 3899  
Email: turba@rsvl.unisys.com  
Remark: Liaison with SC22/WG2 - Pascal

**Dr. Eke van Batenburg**  
RUL, Instituut voor Theoretische Biologie  
Kaiserstraat 63  
2311 GP LEIDEN  
Nederland  
Phone: +31 71 274900  
Fax: +31 71 274972  
Email: Batenburg@rulsfb.LeidenUniv.nl  
Remark: Liaison with SC22/WG3 - APL

**Mr. Donald Nelson**  
Tandem Computers Inc.  
5425 Stevens Creek Blvd.  
Santa Clara CA 95051-7200  
U.S.A.  
Phone: +1 408 285 5203  
Fax: +1 408 285 5245  
Remark: Liaison with SC22/WG4 - COBOL

**Mr. Bill Carlson**  
Intemetrics Inc.  
733 Concord Ave.  
Cambridge MA 02138  
U.S.A.  
Phone: +1 617 661 1840  
Fax: +1 617 868 2843  
Email: carlson@inmet.inmet.com  
Remark: Liaison with SC22/WG9 - ADA

**Mr. Keld Simonsen**  
DKnet/DS
5. SC22 PLENARY ACTIONS RELATED TO WG11

5.1 Projects Not Reaching CD Stage Within Three Years of NP Approval

With reference to SC22 N3103: the work on LIA-3 (project 22.34) is started after LIA-2 was finalized and is now well underway. A first draft for SC22 Review and Comment is expected by fall 2000. Therefore, WG11 requests SC22 to authorize an extension of the project.

5.2 Standards for Periodic Review

With reference to SC22 N3044:

— for ISO/IEC 11404:1996 - Language-Independent Datatypes, WG11 recommends a revision; a roadmap document for the revision will be available before the Plenary;

5.3 WG11 documents publicly available

In order to give the WG11 documents a higher visibility, especially outside JTC1, WG11 asks SC22 permission to make the following documents publicly available through the WG11 WWW homepage:

