Business Plan and Convener's Report
ISO/IEC JTC1/SC22/WG14 (The Programming Language C)

Document: ISO/IEC JTC1/SC22/WG14 N838

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1. MANAGEMENT SUMMARY

1.1. JTC1/SC22/WG14 STATEMENT OF SCOPE

Development and maintenance of ISO/IEC Standards related to the programming language C.

1.2. PROJECT REPORT

1.2.1. COMPLETED PROJECTS

None over this period.

1.2.2. PROJECTS UNDERWAY

JTC1.22.20.01 - Programming Language C (Revision of ISO/IEC 9899:1990)

JTC1/SC22 N2620 was submitted to SC22 for CD ballot on December 24, 1997, this ballot closed April 07, 1998. The summary of voting and comments can be found in JTC 1/SC22 N2690.

1.2.3. CANCELLED PROJECTS

None over this period.

1.2.4. COOPERATION and COMPETITION

Where appropriate, WG14 has established active liaisons with other SC22 working groups. There is no apparent direct competition with any other current SC22 working group.

2. PEROID REVIEW

2.1. MARKET REQUIREMENTS

WG14 feels that it is responding to user community pressure and to implementers concerns to revise the ISO/IEC 9899 standard to keep current with today's programming trends and market. The Committee believes that evolution of Object Oriented programming, numerical extensions that were proposed by J11.1, internationalization, advancements in character set standardization, cross-language standards and cross-language bindings all need to be considered in the revised standard. Most of these issues where not considered during the technical discussions for the current ISO C Standard. Please, see document ISO/IEC JCT 1/SC22 N2265 "Charter for the Revision of the C Standard" for more details.

2.2. ACHIEVEMENTS

WG14 produced the N2620 for CD Ballot. WG14 also worked on Defect Reports, keeping the Defect Report Log current.

2.3. RESOURCES

WG14 meets three times per year in co-located technical sessions with the US committee J11. Ten countries participate by attending these meetings or by being involved in the technical discussions that take place over the reflector. The countries are: Australia, Canada, Denmark, France, Germany, Japan, Netherlands, Sweden, UK, and the USA.

WG14 has been monitoring the cross-language standards activities, and are using the ISO/IEC JTC 1/WG20 guidelines on extended characters. WG14 has also keep apprised of the requirements of the LIA-1,2 standards.

WG14 liaison appointments are:

Group	Name	Person assigned
WG11	Language Independent Datatypes	Keld Simonsen
WG15	Posix	Keld Simonsen
WG20	Internationalization	Keld Simonsen
WG21	C++	John Benito

3. FOCUS NEXT WORK PERIOD

During the next work period, WG14 will focus on moving the project through the final CD Ballot. Resolving all Public comments, reaching the DIS stage of the project.

3.1. DELIVERABLES

WG14 anticipates that the Final CD 9899 will be approved, moving to the next stage in the standards process.

3.2. STRATEGIES

WG14 believes that routine handling will suffice to complete the progress desired.

3.3. RISKS

No problems are anticipated.

3.4. OPPORTUNITIES

None.

3.5. WORK PROGRAM PRIORITIES

WG14 will concentrate on the revision of 9899, however WG14 will still respond to Defect Report logged for the current ISO/IEC 9899:1990 Standard.

4. OTHER ITEMS

4.1. POSSIBLE ACTION REQUESTS AT FORTHCOMING PLENARY

None currently.

4.2. WG14 SUPPORTS SC22 N2718

WG14 supports the action requested in ISO/IEC JTC 1/SC22 N2718.

4.3. PROJECT EDITORS

The following individuals have been appointed project editors and backup project editors:

JTC1.22.20.01 Programming Language C (Revision of ISO/IEC 9899:1990)
Larry Jones (Project Editor), Douglas Walls (Backup Project Editor)

4.4. ELECTRONIC DOCUMENT DISTRIBUTION

WG14 has conducted much of its detailed technical discussion using email reflector provided by the Danish UNIX Users Group and Keld Simonsen.

WG14 also has an ftp and Web site provided by courtesy of the Danish UNIX Users Group and Keld Simonsen.

WG14 is now providing all the appropriate committee documents on the Committee Web site, reducing the need for paper mailings.

4.5. RECENT MEETINGS

23-27	Jun 97	London, UK	BSI, Plum Hall Europe
20-24	Oct 97	Menlo Park, CA USA	ANSI, Sun Microsystems
02-06	Feb 98	Frisco, CO USA	ANSI Keaton Consulting

4.6. FUTURE MEETINGS

23-27	Jun 98	Copenhagen, Denmark	Danish Standards
05-09	Oct 98	Santa Cruz, CA USA	ANSI, SGI/Cray
01-05	Feb 98	Portland, OR USA	ANSI, Intel Corp.