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BUSINESS PLAN FOR JTC 1

PERIOD COVERED:

October 2007 to November 2008

SUBMITTED BY:

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1.0 MANAGEMENT SUMMARY

1.1 CHAIRMAN'S REMARKS

1.2 JTC 1 STATEMENT OF SCOPE

International standardization in the field of Information Technology

Note: Information Technology includes the specification, design and development of systems and tools dealing with the capture, representation, processing, security, transfer, interchange, presentation, management, organization, storage and retrieval of information.

1.3 PROJECT REPORT

See Individual Subcommittee reports, or the JTC 1 web site www.jtc1.org.

1.4 CO-OPERATION AND COMPETITION

JTC 1 makes a concerted effort to work with ISO/IEC TCs and other management level groups (e.g., ISO/IEC/UNECE MoU Management Group) as well as industry consortia and forums.

JTC 1 has a long and positive liaison relationship with ITU-T. In addition to liaisons between JTC 1 SCs and ITU-T SGs, JTC 1 nominated representatives to three ITU-T Joint Coordination Activities: Home Networking, Network Aspects of Identification Systems (including RFID) and Next Generation Networks, Identity Management and to the Next Generation Network Global Standards Initiative. JTC 1 also nominated representatives to the ITU-T Focus Groups on IPTV and NGN Management. JTC 1 continues to monitor new activities in the ITU-T and participates when appropriate.

At the technical level, there are several mechanisms that are available and have been used to encourage cooperative work. These include Category A and C liaison, collaborative agreements, memorandums of understanding, the fast track process and the PAS process.

While industry consortia and forums may be viewed as competitors for new work, JTC 1 is cooperating with several of these organizations through the PAS process to bring their work into the formal standardization process. Currently approved PAS Submitters are: Object Management Group (OMG), IFPUG, OASIS, the Web Services-Interoperability (WS-I) organization, UPnP Forum and the Trusted Computing Group.

Working with the approved organizations and former PAS Submitters, JTC 1 has successfully transposed specifications submitted by those organizations to International Standards status. Collaborative agreements are also being utilized for joint work with forums and consortia such as the Internet Engineering Task Force (IETF), the Web 3D Consortium, the World Wide Web (W3C) consortium and the Source for Environmental Data Representation and Interchange (SEDRIS).

2.0 PERIOD REVIEW

JTC 1 had a successful plenary period in terms of producing standards and improving its operations. However, JTC 1 needs to continue to focus on its strategic direction and mechanisms for making the industry and user communities aware of its products and accomplishments.

2.1 MARKET REQUIREMENTS

From a JTC 1 perspective, the market requirements can only be stated in a generic fashion. The SC business plans should supplement and support these while providing technology specifics. Market trends indicate a requirement for technology standards that can be produced rapidly, with a business-like approach and widely disseminated. As “hot” technologies develop, JTC 1 must be able to accommodate these and produce the international standards. Major standards bodies are addressing the standardization needs for a seamless, secure global information infrastructure. JTC 1 (its SC’s) must be able to analyze these requirements and determine what new projects must be initiated to ensure that these needs are fulfilled. The real determinant of success and market relevance is the use of JTC 1 standards in products and services.

2.2 ACHIEVEMENTS

During the October 2007 through November 2008 Plenary period the following major accomplishments were achieved:

JTC 1 established a Special Working Group on Planning to assist in JTC 1’s planning activities, including the development and execution of the JTC 1 Business Plan and Long Term Business Plan. The SWG will also be the focal point for the JTC 1’s efforts to examine technology trends and identify opportunities for new standardization activities in JTC 1.

JTC 1’s Special Working Group on Directives continued to address procedural issues and recommend changes when necessary. It began consideration of a JTC 1 Supplement harmonized with the ISO/IEC Directives.

JTC 1 continued its Study Group on Web Services, as part of its implementation of the Long Term Business Plan. While not completed, the results of this study thus far include:

- recommendations to JTC 1 regarding its role in Web Services standardization.
- successful collaboration with industry forums currently developing Web Services specifications.

The **JTC 1 Special Working Group on Accessibility** has completed development of a three-part Technical Report:

- ISO/IEC TR 29138-1, Information Technology - Accessibility Considerations for People with Disabilities - Part 1: User Needs Summary

- ISO/IEC TR 29138-2, Information Technology - Accessibility Considerations for People with Disabilities - Part 2: Standards inventory
- ISO/IEC TR 29138-3, Information Technology - Accessibility Considerations for People with Disabilities - Part 3: Guidance on User Needs Mapping

JTC 1 published more than 270 International Standards (including Amendments, International Standardized Profiles and Technical Reports) in areas such as: audio/picture/multimedia coding, coding, cultural and linguistic adaptability and user interfaces, database access, data capture, data communications, data management, document description languages, home electronic systems, identification cards, office equipment, peripheral interfaces, private networks, programming languages, security, software engineering and storage media.

A listing of the published standards is available at the JTC 1 web site (www.jtc1.org).

JTC 1 published a number of articles regarding its work as part of the **Marketing and Public Relations effort**. More than twenty articles by authors involved in JTC 1's work and several informational items were published in the ISO Focus. A number of press releases were issued from the JTC 1 and SC web sites.

JTC 1 gave extensive guidance on cultural and linguistic adaptability and user interfaces by increasing its coordination efforts to better satisfy the user's requirements and growing market needs in this field.

2.3 RESOURCES

While resource availability and commitment continue to be of concern, almost all JTC 1 projects are well staffed with resources readily available for development work. Many projects with a questionable level of resources have been eliminated from the program of work.

2.4 ENVIRONMENTAL ISSUES

Environmental issues are not relevant for most of JTC 1's work items, although SC 28, Office Equipment, has considered possible projects in the area of energy consumption.

2.5 PARTICIPATION METRICS

13 of 28 P-members of JTC 1 attended the October 2007 Plenary meeting in Australia.

No JTC 1 ballots failed due to the 50% voting participation requirement not being met.

3.0 FOCUS NEXT WORK PERIOD

For the November 2008 – October 2009 Plenary period, the major focus will be on introducing market-relevant projects and meeting delivery dates for standards in progress (as identified in Subcommittee reports).

3.1 DELIVERABLES

- International Standards and other deliverables produced in a timely manner using JTC 1's various development methods
- Implementation of approved recommendations regarding JTC 1's strategic direction and operational methods
- Implementation of Marketing and Public Relations mechanisms to better engage and inform the industry and user community of JTC 1's products and accomplishments
- Identification and implementation of additional information technology tools to improve JTC 1's electronic operations.

3.2 STRATEGIES

Other standards bodies, consortia and forums are competing for the development of Information Technology standards. JTC 1 must effectively produce standards within its scope, attract new work, cooperate with its partnering organizations and collaborate with other organizations, as appropriate, to produce standards to meet the needs of industry, users and consumers.

3.2.1 RISKS

If development times within JTC 1 are perceived as too long, potential participants in JTC 1 processes will take their needs to other organizations in an attempt to develop standards in a timelier manner.

3.2.2 OPPORTUNITIES

In a high technology field, there always exist many new opportunities. JTC 1 must be alert to new technologies ripe for standardization and find the right mechanisms for bringing them into JTC 1, e.g., initiatives performed within the SC and the establishment of new SCs as appropriate.

3.3 WORK PROGRAMME PRIORITIES

JTC 1 will focus its resources on market-relevant projects. Work programs are evaluated regularly by Subcommittees and action taken to revise and reprioritize the program as the market evolves.