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Information Technology

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**Resolutions of the Twelfth Meeting of ISO/IEC JTC 1, 2-5**  
**June 1998, Sendai, Japan**

**Resolution 1 - Appointment of JTC 1 Chairman**

JTC 1 appoints Mr. Thomas Frost for a three-year term of office as JTC 1 Chairman, subject to approval by ISO/IEC Councils.

**Acclamation**

**Resolution 2 - Appreciation to Mary Anne Lawler**

JTC 1 expresses its appreciation to its past Chairman, Mrs. Mary Anne Lawler, for her many important contributions to Information Technology standardization and in particular to JTC 1. Mrs. Lawler provided strong and gracious leadership of JTC 1 and initiated many improvements to JTC 1's operating procedures, to its relationship with other organizations and to furthering JTC 1's work in general. Her very capable management of JTC 1 and her fairness in dealing with concerns and issues will not be forgotten. We wish her a long and happy retirement.

**Acclamation**

**Resolution 3 - Timing of Contributions for the January 1999  
JTC 1 Plenary Meeting in Brazil**

Based on resolution 20 approved at the September 1997 JTC 1 Plenary meeting in Ottawa, JTC 1 establishes the following deadlines for contributions for the January 1999 plenary meeting in Brazil:

- Documents for the Brazil plenary, particularly those raising new issues/new agenda items or those for which a final agreement at the meeting is desired, must be delivered to the Secretariat no later than December 25, 1998 for posting on the JTC 1 web server. Documents submitted to the Secretariat after December 25, 1998 will be returned to the submitter and will not be considered.

The following exceptions are permitted:

- Comments on posted documents provided they are received by the Secretariat in a form suitable for immediate posting, not later than January 15, 1999.
- Documents from JTC 1 subgroups to JTC 1 where the meeting is held after the December 25, 1998 deadline. In these cases, documents must be submitted to the Secretariat not more than two days after the end of the subgroup meeting.
- A proposed document revision from a project editor, which incorporates comments received prior to the meeting and

which is intended to be developed further at the meeting, provided they are received by the Secretariat in a form suitable for immediate posting, not later than January 15, 1999.

JTC 1 instructs its Secretariat to strictly enforce these deadlines.

**Unanimous**

**Resolution 4 - Continued Need for Secretariat Reports**

JTC 1 resolves that for JTC 1 and those SCs where up-to-date secretariat report information is available and accessible via web sites linked to the JTC 1 web site, the production of a separate secretariat report document is no longer necessary. For those SCs that do not yet have web sites containing this information, the SC secretariat must continue to produce a separate secretariat report document. Based on an assessment of web availability and accessibility of report information, the JTC 1 Secretariat will notify each SC secretariat by July 1, 1998 whether or not they can suspend their reporting requirements.

**Unanimous**

**Resolution 5 - Administration of SC 1**

Noting the intent of the National Body of France to relinquish the Secretariat of SC 1 effective December 31, 1998 (reference document JTC 1 N 5225) and noting the absence of National Body volunteers to assume the Secretariat responsibilities, the JTC 1 Secretariat is instructed to issue a Call for National Body interest to assume the Secretariat responsibilities and/or contributions on an alternative mode of operation for SC 1. The SC 1 resolution and accompanying documents from SC 1 on this topic is to accompany this call to National Bodies. In case no offer is made from a National Body to assume the SC 1 Secretariat, National Body responses will be addressed at the January 1999 JTC 1 plenary meeting in Brazil where a final decision will be made on the disposition of SC 1 and its program of work.

**Unanimous**

## **Resolution 6 - Administration of SC 22**

JTC 1 accepts the offer of the US National Body contained in document JTC 1 N 5389 to retain the Secretariat of SC 22. JTC 1 expresses its appreciation to the US National Body for its willingness to retain the SC 22 Secretariat responsibilities.

**Unanimous**

## **Resolution 7 - Administration of SC 32**

JTC 1 accepts the offer of the US National Body contained in document JTC 1 N 5422 to assume the Secretariat of SC 32. JTC 1 expresses its appreciation to the US National Body for providing interim secretariat support for SC 32 and for its willingness to now fully assume the SC 32 Secretariat responsibilities.

**Unanimous**

## **Resolution 8 - Electronic Commerce (EC) Business Team Report**

JTC 1 accepts the report of the electronic commerce business team contained in document JTC 1 N 5296 and requests its National Bodies and SCs to review this document and to submit comments in time for consideration at the January 1999 plenary meeting in Brazil. In particular, JTC 1 also resolves the following:

### **General**

1. Because of the multi-sectorial nature of EC, JTC 1 will work to improve its co-operation with other Standardization bodies, formal and others. This includes ISO/TC 68 and ISO/TC 154. Specifically, the work in ISO/TC 68/SC 6, together with CEN/TC 224, requires close attention by JTC 1 and its SCs, in particular SC 17, SC 27 and SC 32.
2. JTC 1 recognizes that EC also addresses issues that potentially fall into the legal or regulatory domain. JTC 1 understands that fundamentally different views exist as to the degree to which legal or regulatory measures are needed. Therefore, self-regulation is often considered an appropriate instrument to address such issues, e.g. regarding:
  - harmful content,
  - protection of privacy,
  - cost transparency.JTC 1 does not make an assessment regarding the appropriateness of self-regulation versus regulation in any of these and other domains. To support self regulation or regulation, standards, in principle, may be

- useful tools. JTC 1 strongly recommends that any related standardization work is initiated only on the basis of a sound a priori agreement of the parties involved in such self-regulation.
3. JTC 1 encourages consumer participation in relevant standardization activities and member bodies are strongly invited to take appropriate steps. JTC 1 will re-enforce, as a general objective, the request to its technical bodies that the intended functionality of a standard is clearly stated and that standards are written in a comprehensible way.

#### **Specific**

1. JTC 1 instructs its Secretariat to circulate document N 5296 and to ask National Bodies to specifically review and comment on the work items identified. Reviewers should be invited to submit proposals for new work items.
2. JTC 1 notes that all JTC 1 Technical Directions are relevant to Electronic Commerce requirements. JTC 1 SCs are requested to study document JTC 1 N 5296 with a view of identifying areas where they can support the requested work items (i.e., submitting an NP proposal or potentially providing experts for such work), also, if appropriate, in co-operation with other organizations.
3. JTC 1's Chairman, National Bodies and SCs are requested to proactively encourage organizations outside of JTC 1 that are active in the area of Electronic Commerce frameworks and payment methods, to seek closer co-operation with JTC 1 and other relevant ISO Technical Committees. Already existing mechanisms for co-operation, including the JTC 1 PAS process, should be explored.

The specific actions as per 1, 2 and 3 above should be performed in a timely manner, taking account of the need to rapidly contribute to electronic commerce standardization.

#### **Unanimous**

#### **Resolution 9 - Business Team Self-Assessment**

JTC 1 thanks the Electronic Commerce Business Team for the self-assessment report and recommendations contained in document JTC 1 N 5297. Noting that the Imaging and Graphics Business Team will provide a self-assessment at the next JTC 1 plenary meeting, JTC 1 will review the recommendations contained in JTC 1 N 5297 at the January 1999 JTC 1 plenary meeting in Brazil, in conjunction with the Imaging and Graphics Business Team self-assessment report.

#### **Unanimous**

**Resolution 10 - Disbandment of the Electronic Commerce Business Team**

Noting the report and self-assessment provided in documents JTC 1 N 5296 and N 5297, JTC 1 disbands the Electronic Commerce Business Team.

JTC 1 expresses its appreciation to Mr. Ulrich Hartmann (Team Leader) and Dr. Ingo Wende (Secretary) for their leadership and support of this first JTC 1 Business Team.

**Unanimous**

**Resolution 11 - Continuation of the Imaging and Graphics Business Team**

JTC 1 affirms its authorization for an Imaging and Graphics Business Team, according to the submitted Plan and Terms of Reference contained in document JTC 1 N 5355. JTC 1 also approves the new name chosen by the team (changed from "Imaging Business Team" to "Imaging and Graphics Business Team"). It is understood that the Business Team will complete its work by the January 1999 JTC 1 plenary in Brazil and will provide JTC 1 with a report and self-assessment at that time.

**Unanimous**

**Resolution 12 - IEC TC 100**

As a follow up to the concerns raised by JTC 1 in its September 1997 plenary meeting in Ottawa and at this meeting in Sendai on the scope of IEC/TC 100, and the subsequent reaction by the IEC Committee of Action(CA) at its meeting, 1997-10-21, New Delhi, India, in Decisions CA/DELHI 26/97 and CA/DELHI 27/97 (ref. IEC 01[Delhi/Central Office]15, 1997-10-24), JTC 1 asks its Chairman to arrange a joint meeting between JTC 1 representatives and IEC/TC 100 representatives, perhaps in conjunction with the IEC/TC 100 meeting in October 1998 in Houston. This meeting would attempt to resolve any issues related to overlap of scope between JTC 1 and IEC/TC 100 and define mechanisms for working cooperatively in the future, including the establishment of a formal liaison between the two organizations.

**Unanimous**

**Resolution 13 - Appreciation to Dr. Yasuda**

JTC 1 notes the end of Dr. Yasuda's term of office as SC 29 Chairman and understands that this will be his final JTC 1 meeting. JTC 1 expresses its appreciation to Dr. Yasuda for his effective leadership as SC 29 Chairman and his many contributions in the area of coding of audio, picture, multimedia and hypermedia information. Under his leadership, SC 29 has produced many important JTC 1 standards - and gave ISO/IEC and JTC 1 its first Emmy Award. JTC 1 wishes Dr. Yasuda well in his new endeavors.

**Acclamation****Resolution 14 - Category C Liaisons**

Having reviewed the requests for Category C Liaison, JTC 1 recommends that ITTF grant Category C Liaison status as follows:

JTC 1/SC 24 - World Wide Web Consortium (W3C)

**Unanimous****Resolution 15 - PAS Updates**

JTC 1 expresses its appreciation to DAVIC and X/Open for their updates on their past and forthcoming PAS submissions and experiences. JTC 1 thanks DAVIC and X/Open for their PAS presentations and looks forward to continuing its PAS working relationships with both organizations.

**Unanimous****Resolution 16 - CEN/ISSS**

JTC 1 expresses its appreciation to CEN/ISSS for the very informative presentation and looks forward to working with CEN/ISSS in the future.

Based on the CEN/ISSS presentation, JTC 1 requests its National Bodies to consider what method of working would be appropriate between JTC 1 and CEN/ISSS. Contributions on this topic will be considered at the January 1999 JTC 1 plenary meeting in Brazil.

**Unanimous**

## **Resolution 17 - SC 32 Title and Scope**

JTC 1 approves the revised SC 32 title and scope as contained in document JTC 1 N 5239.

**Unanimous**

## **Resolution 18 - Special Presentations**

JTC 1 expresses its appreciation to

1. SC 6, SC 25, - N&I Technical Direction  
SC 26 Officers
2. Mr. F. Coallier - SC 7

for the excellent presentations given at this Plenary Meeting.

**Acclamation**

## **Resolution 19 - Disbandment of JTC 1/WG 4 and Establishment of a New Subcommittee 34**

Given the importance of the work currently being done in JTC 1/WG 4, JTC 1 disbands JTC 1/WG 4 and establishes a new Subcommittee within JTC 1 (SC 34) to carry out this work. This new SC will operate in the Technical Direction - Document Description Languages - with the following title and scope:

Title: Document Description and Processing Languages

Scope: Standardization in the field of document structures, languages and related facilities for the description and processing of compound and hypermedia documents, including:

- languages for describing document logical structures and their support facilities
- languages for describing document-like objects in web environments
- document processing architecture and formatting for logical documents
- languages for describing interactive documents
- multilingual font information interchange and related services
- final-form document architecture and page information interchange
- hypermedia document structuring language and application resources
- API's for document processing

**Unanimous**

## **Resolution 20 - Administration of SC 34**

Given the establishment of the new SC 34, the JTC 1 Secretariat is instructed to issue a 3 month Call for National Body interest to assume the Secretariat responsibilities for the new Subcommittee. National Bodies are urged to strongly consider responding affirmatively to this call. In the interim, the current WG 4 Convener will continue to provide administrative support for this SC with the assistance of the JTC 1 Secretariat. If no National Body has offered to assume the Secretariat responsibilities of SC 34 by the January 1999 JTC 1 plenary in Brazil, it would be JTC 1's intention to disband the committee at that time.

**Unanimous**

## **Resolution 21 - JTC 1 Delegation to W3C Meeting**

JTC 1 authorizes Mr. Rudolf Reiss and Ms. Josee Auber to represent JTC 1 at the upcoming W3C AC meeting, 24/25 June 1998 in Geneva. Mr. Reiss and Ms. Auber are requested to provide JTC 1 with a written report following the meeting.

**Unanimous**

## **Resolution 22 - Cultural and Linguistic Adaptability and Establishment a New Subcommittee 35**

JTC 1 accepts the report of the JTC 1 Cultural Adaptability Workshop held in Ottawa, Canada, 20/22 January 1998 and resolves the following:

1. JTC 1 establishes a new Technical Direction, replacing the current User Interface and Coded Character Sets Technical Directions, with the following title and description:

Title: Cultural and Linguistic Adaptability and User Interfaces

Description:

- Generic cultural adaptability including multi-lingualism
- Coded character sets and their characteristics
- Interfaces and interaction between users and systems

The mode of operation of this new Technical Direction is left open until the next JTC 1 Plenary meeting in January 1999 in Brazil.

The new Technical Direction will include: JTC 1/SC 2, JTC 1/SC 22/WG 20 and JTC 1/WG 5 (SC 35).

2. JTC 1 disbands JTC 1/WG 5 and establishes a new Subcommittee within JTC 1 (SC 35) to carry out this work. The title and scope of SC 35 will be that of JTC 1/WG 5, as follows:

Title: User Interfaces

Scope: Standardization in the field of User-system interfaces for input devices such as keyboards, mice, pointers and pens; rules for systems control by voice recognition, presentation techniques, dialogues, graphic symbols and icons including those for people with special needs.

3. In order to complete work identified in Recommendations 2, 3 and 6 of the Ottawa Workshop, JTC 1 authorizes an ad hoc meeting of the new Technical Direction. The objective of the ad hoc is to prepare a report to the next JTC 1 Plenary addressing the following topics:

- Development of cultural and linguistic policy and procedure text (as per Recommendation 2 of Ottawa)
- Elaboration on the definition of cultural and linguistic adaptability (as per Recommendation 3 of Ottawa)
- Identification of JTC 1 interworking, coordination and external liaisons
- Recommendation on the mode of operation of the new Technical Direction.

4. In order to prepare for the ad hoc meeting, a planning meeting will be held with a maximum of three representatives of each of the three constituent groups of the new Technical Direction.

The ad hoc meeting and the planning meeting will be chaired by the JTC 1 Chairman.

5. JTC 1 instructs its Secretariat to respond to the CALS community per Recommendation 5 of Ottawa.

**Objections: Ireland, USA**

**Abstentions: China, Finland, Sweden, Switzerland**

#### **Resolution 23 - Administration of SC 35**

Given the establishment of the new SC 35, the JTC 1 Secretariat is instructed to issue a 3 month Call for National Body interest to assume the Secretariat responsibilities for the new Subcommittee. National Bodies are urged to strongly consider responding affirmatively to this call. In the interim, the current WG 5 Convener will continue to provide administrative support for this SC with

the assistance of the JTC 1 Secretariat. If no National Body has offered to assume the Secretariat responsibilities of SC 35 by the January 1999 JTC 1 plenary in Brazil, it would be JTC 1's intention to disband the committee at that time.

**Unanimous**

**Resolution 24 - JTC 1 Rapporteur and Rapporteur Group for Implementing Information Technology (RG-IIT)**

Noting that there are outstanding activities related to IT Implementation (e.g., following up the implementation of an electronic balloting system by JTC 1 Secretariat, liaison to IT SIG, gathering of JTC 1 requirements and expertise on cooperative computing and inputs of such experience to ISO TMB), JTC 1 establishes an IT Implementation Rapporteur Group to assist JTC 1 in its decision making process. The JTC 1 Secretariat is instructed to issue a call for participation in this Rapporteur Group.

This group will coordinate JTC 1 National Body and Subcommittee requirements and positions regarding future information technology implementation issues.

JTC 1 appoints Mr. Clyde Camp as the Rapporteur of this group.

**Unanimous**

**Resolution 25 - JTC 1 participation in IT SIG**

Noting the invitation of ISO/IEC/ITU IT Strategies Implementation Group (IT SIG) to provide a permanent representative from JTC 1 to IT SIG, JTC 1 appoints the JTC 1 IT Rapporteur, Mr. Clyde Camp, as the JTC 1 representative to IT SIG.

**Unanimous**

**Resolution 26 - Request for Extension of Draft Document Availability**

JTC 1 notes that the initial 1-year pilot period on draft document availability was too short and the responses too few to draw a general conclusion on the effects of the pilot. However, those responses received were generally favorable and suggested that the pilot should be extended. None of the responding National Bodies or Subcommittees reported any detrimental effects from the pilot. JTC 1 therefore requests ISO and IEC approval to extend the pilot

period for draft document availability (Working Drafts and Committee Drafts) for another two years.

Specifically JTC 1 requests approval to extend its previous request as given below:

JTC 1 strongly requests that JTC 1 and its reporting committees be granted the authority, by ISO and IEC councils, to continue to make project-related documents (working drafts, committee drafts, etc.), up to but not including the DIS stage, freely available for consultative purposes in an electronic as well as paper form, in order to reflect the realities of IT standardization and the current practice of many successful JTC 1 committees.

**Unanimous**

**Resolution 27 - JTC 1 Policy on Electronic Document Distribution**

Having resolved all comments on JTC 1 N 5180, JTC 1 Policy on Electronic Document Distribution Using the World Wide Web, JTC 1 approves the revised policy and instructs the JTC 1 Secretariat to circulate this revised policy to JTC 1 National Bodies and SCs for immediate use. The JTC 1 Secretariat is also instructed to post the revised policy to the procedures section of the JTC 1 web site.

**Unanimous**

**Resolution 28 - Electronic Collaboration**

To progress electronic collaboration\* activities within JTC 1:

1. JTC 1 encourages all SCs to experiment with electronic collaboration packages and to report their experiences to the January 1999 JTC 1 plenary in Brazil.
2. The document COLLABORATIVE COMPUTING AND STANDARDS DEVELOPMENT (N3889) will act as the base document for JTC 1's policy on electronic collaboration. As such, it will be a living document, enhanced by the Rapporteur Group on IT using collaborative tools which will then provide documentable experiences to further advance the policy.
3. JTC 1 instructs its Secretariat to create a link from the JTC 1 web page to the IT Strategy web site where all known trials of collaborative tools will be posted. JTC 1 National Bodies and SCs are encouraged to experiment with these tools and to provide JTC 1 with input on their functionality to advance the goal of electronic collaboration.

- The use of computing tools across a publicly available network to allow individuals in widely distributed locations and time zones to mutually participate in the development of documents and other standards-related material. This set of tools must provide for both synchronous (real-time online interaction) and asynchronous interaction while maintaining proper document versions and controls to allow work in a distributed fashion to produce results equivalent or better than those which can be achieved via in-person meetings.

**Unanimous**

**Resolution 29 - Electronic Balloting**

JTC 1 thanks its Secretariat for such a timely response to the creation of an electronic balloting system pilot.

Having reviewed the National Body comments on the pilot as contained in documents JTC 1 N 5351 and N 5380, the JTC 1 Secretariat is instructed to:

1. meet the needs of the National Bodies regarding security issues, comment box recommendations, and status of the letter ballots as its first priority for electronic balloting.
2. move all remaining National Body requests to a status log for future enhancement. These issues should be addressed as soon as is reasonable and cost effective.
3. initialize the online balloting system for live application once the mandatory issues (in #1 above) are resolved.

**Unanimous**

**Resolution 30 - Web Site Implementations**

1. Noting that the deadline for implementation defined in JTC 1 N 4796 is long past, JTC 1 resolves that all SCs currently not functionally operational on the web shall begin such operations immediately. SCs are reminded of the kind offer of DKUUG to assist SCs in any way to accomplish this task promptly. The JTC 1 Secretariat is instructed to contact the identified SCs to provide immediate guidance.
2. JTC 1 asks its Secretariat to provide guidance to the SCs, when requested, on the mechanics of producing press releases for the SC web sites.

**Unanimous**

### **Resolution 31 - Availability of Electronic Documents**

JTC 1 notes the concerns expressed by the US National Body in document JTC 1 N 5361 regarding availability of electronic documents from ITTF. Therefore, JTC 1 requests the ITTF to make all documents available to the JC 1 and SC Secretariats for distribution in electronic form. This includes final drafts for National Body vote, Tables of Replies, published standards etc. For final, approved standards, JTC 1 requests that the "turnaround time" for the ITTF to distribute the electronic copy of the standard to the Secretariat and the National Bodies not exceed one month's time from the date of receipt by the ITTF. It is JTC 1's hope that by end of 1998, the time required to release a standard will be further reduced to one week.

**Unanimous**

### **Resolution 32 - Criteria for Making Standards Freely Available on the Web**

JTC 1 agrees with the proposed criteria from ITTF in document N 5165 but recommends that the following additional publications should be available free of charge on the WWW:

1. Standards that are merely references (pointers) to other documents e.g. developed outside JTC1;
2. Standards for which authorized identical documents are freely available in electronic format elsewhere;
3. Technical Reports type 1,2 and 3;
4. Technical Corrigenda

**Objections: Germany, Ireland, Netherlands**

**Abstentions: Australia, China, France**

### **Resolution 32A - Access to Standards for Standardization Purposes**

In addition, JTC 1 believes that a JTC 1 or ISO/IEC committee or subgroup should have free access for standardization purposes to standards developed elsewhere within JTC 1 or ISO/IEC.

**Objections: Germany, Netherlands**

## **Resolution 33 - Release of Standards**

JTC 1 instructs its Secretariat to request approval from the ISO and IEC Councils to place the following documents on the World Wide Web:

1. ISO/IEC 7501 Parts 1-3 (Machine Readable Travel Documents)

**Objections: Germany**

**Abstentions: Australia, France, Netherlands**

2. ISO/IEC 10021 (MHS)

**Objections: Canada, Germany**

**Abstentions: Australia, France, Netherlands**

3. ISO/IEC 8824 (ASN.1)

**Objections: Canada, Germany, Switzerland, USA**

**Abstentions: Australia, France, Netherlands**

4. ISO/IEC 8825 (ASN.1)

**Objections: Canada, Germany, Switzerland, USA**

**Abstentions: Australia, France, Netherlands**

5. ISO/IEC 13522-5 (Support for base-level interactive applications)

**Objections: Australia, Canada, Germany**

**Abstentions: France, Netherlands, Switzerland, USA**

6. ISO/IEC 15408 (Evaluation Criteria for IT Security)\*

\*including draft and FDIS

**Objections: Germany**

**Abstentions: Australia, Netherlands**

## **Resolution 34 - Operation of the JTC 1 PAS Process**

1. JTC 1 requests ITTF, in operating the process for the progression of Publicly Available Specifications, to provide the PAS submitter with a copy of the ballot document. JTC 1 further requests that ITTF should indicate, on the cover of each PAS document, the location of the applicable explanatory report, so that it can form a key element in consideration of the ballot.

2. Reflecting the importance of the PAS process, JTC 1 instructs its secretariat to inform JTC 1 National Bodies and Liaison Organizations, and those organizations authorized to be PAS submitters, of the initiation of any PAS ballot, the result of the ballot, and the identity of the JTC 1 committee which will be responsible for any future work.

These amendments shall also be taken into consideration during a potential revision of the PAS process.

**Unanimous**

**Resolution 35 - Appointment of Officers**

In accordance with the JTC 1 Directives, JTC 1 makes the following appointments effective this date:

Mr. Dave Thewlis, CA&I Rapporteur (through the next Plenary)  
Mr. Henry Ryan, GII Rapporteur (through the next Plenary)  
Mr. Gary Robinson, RA Rapporteur (through the next Plenary)  
Dr. Tomoyuki Toshima, SC 23 Chairman (appointment)  
Mrs. Isabelle Valet-Harper, JTC 1/ITU-T Liaison (through the next Plenary)  
Mr. Jerry Smith, G&I Business Team Leader (through the next Plenary)  
Mr. Joel Urman, JTC 1/CASCO Liaison (through the next Plenary)

**Unanimous**

**Resolution 36 - Endorsement of Registration Authorities**

JTC 1 endorses the following organizations as Registration Authorities and instructs its Secretariat to request approval from the ISO and IEC Councils:

	Organization	Standard
1.	NNI	ISO/IEC 15459.2*
2.	DKUUG	ISO/IEC 15897*

\*Pending approval of the standard for publication.

**Unanimous**

**Resolution 37 - Category B Liaison**

Having reviewed the requests for Category B Liaison, JTC 1 recommends that ITTF grant Category B Liaison as follows:

JTC 1 - European Patent office

**Unanimous**

### **Resolution 38 - Category A Liaisons**

Having reviewed the requests for Category A Liaison, JTC 1 recommends that ITTF grant Category A Liaison status as follows:

JTC 1/SC 31	-	Universal Postal Union (UPU)
JTC 1/SC 29	-	Federation Internationale des Associations de Producteurs de Films (FIAPF)

JTC 1 disapproves the request from SC 17 to establish Category A liaison with American Express because individual companies are not granted such liaison membership. JTC 1 appreciates the interest of American Express in the work of SC 17, and encourages American Express to participate through National Body members of SC 17. JTC 1 requests its Chairman to communicate this position to SC 17, and, if appropriate, to American Express.

**Unanimous**

### **RESOLUTION 39 - COPOLCO Request for Consumer/User Manifesto**

JTC 1 notes the request received from COPOLCO (COPOLCO resolution 7/1998) for the expeditious publication by JTC 1 of a consumer/user manifesto for use by standards developers. JTC 1 instructs its RG-GII to prepare a recommendation for JTC 1's consideration in January 1999 in Brazil on how JTC 1 might respond to this request.

**Unanimous**

### **Resolution 40 - Extension/Revision of Scope for SC 23**

JTC 1 instructs its Secretariat to conduct a 60-day letter ballot on the following proposed extension/revision to the SC 23 scope:

Standardization of Optical Disk Cartridges for Media and Information Interchange between Information Processing Systems including their Volume and File Structure

**Unanimous**

### **Resolution 41 - JTC 1 Delegation to JTAG 2**

JTC 1 authorizes the following delegation to represent JTC 1 at future JTAG 2 meetings:

Mr. Jan van den Beld (SC 11, SC 23)  
Mr. Raul Colcher (SC 28)  
Dr. Hiroshi Yasuda (SC 29)  
Dr. Scott Foshee (SC 29)  
Mr. Tom Frost (or designee)

JTC 1 instructs its delegation to ensure JTC 1's ability to manage its program of work and progress its standards in a timely manner are not impaired.

**Unanimous**

### **Resolution 42 - Handling of ISPs**

Ottawa Resolution 24 on the disbandment of SGFS and its associated document refers to JTC 1 N 5012 which in turn refers to Supplement 1 of the JTC 1 Directives. Supplement 1, the PAS procedures, refer submitters of ISPs from outside of JTC 1 to SGFS and to Annex D of the JTC 1 Directives, both of which no longer exist.

Until Supplement 1 is revised, JTC 1 directs submitters of ISPs from outside of JTC 1 to:

1. ignore Clause 4.3 of Supplement 1, and
2. read "DIS/DISP" and "IS/ISP" wherever "DIS" and "IS" appear in Supplement 1.

**Unanimous**

### **Recommendation 43 - Approval of the 4<sup>th</sup> Edition of the JTC 1 Directives**

Having resolved comments on JTC 1 N 5202, Draft 4<sup>th</sup> Edition of the JTC 1 Directives, JTC 1 approves the 4<sup>th</sup> Edition of the JTC 1 Directives (JTC 1 N 5202 revised). JTC 1 instructs its Secretariat to circulate the 4<sup>th</sup> Edition (N 5202 revised) to JTC 1 National Bodies and SCs for immediate use.

**Unanimous**

### **Resolution 44 - Publication of the 4<sup>th</sup> Edition of the JTC 1 Directives**

JTC 1 strongly encourages the JTC 1 Secretariat to publish the 4th Edition of the ISO/IEC JTC 1 Directives (N 5202 revised) as an HTML web-based linked document posted to the procedures

section of the JTC 1 web site. This HTML version of the Directives would serve as the definitive version of the document. The Secretariat is to reflect procedural changes as they are approved by JTC 1 in this HTML version.

JTC 1 also recognizes the desirability of having a hard copy of the Directives available for use at meetings etc, and therefore requests that ITTF publish the 4th Edition in hard copy.

**Unanimous**

**Resolution 45 - Matters related to ISO/TC 154**

1. Progression of ISO 9735

JTC 1 notes the decision of ISO/TMB as in JTC 1 N 5352 requesting a joint recommendation by JTC 1 and ISO/TC 154 for a further progression of the ISO 9735 series of standards. JTC 1 also notes that Part 10 of ISO DIS 9735 has been withdrawn from the fast track process and will be handled through the five stage process; but JTC 1 also recognizes that concerns still exist in JTC 1 relative to parts 5, 6, 7, and 9 of ISO DIS 9735. In order to establish a joint recommendation with TC 154, JTC 1 accepts the offer of Canada to lead the respective JTC 1 activity to which all JTC 1 national bodies are invited to participate. JTC 1 expects a report back at its next Plenary.

2. Cooperation with ISO/TC 154

JTC 1 notes

- the recommendation of its BT-EC, as in JTC 1 N 5296, to improve co-operation with TC 154,
- the new scope of TC 154 as to in JTC 1 N 5352,
- the proposal of TC 154 to ISO/TMB, as in JTC 1 N 5279, to establish a "single ISO technical committee covering the meta standards and the implementation level standards in support of EDI/EC. This would group the existing ISO/TC 154 with ex JTC 1/SC 14 and SC 30."
- the successful establishment of its SC 32.

JTC 1 notes that standardization in electronic commerce, as described in JTC 1 N 5296, covers a very broad scope involving sectorial, cross-sectorial and infrastructure standards. JTC 1 therefore believes that it is not possible for a single technical committee to cover all aspects of electronic commerce. Therefore, JTC 1 requests that TMB withhold any decision about this proposal.

Instead, JTC 1 will pro-actively seek a dialogue with TC 154 with the objective to jointly explore measures to improve interoperation, work allocation and mandates of SCs involved. JTC 1 accepts the offer of Germany to lead JTC 1's part in this exploration.

3. ISO-IEC-UN/ECE Electronic Business MoU
- JTC 1 notes that the ISO-IEC-UN/ECE MoU will shortly be signed. This MoU stipulates the establishment of an MoU Management Group. JTC 1 recognizes that most of its Technical Directions are affected by the scope of the MoU. Notwithstanding some concerns about the Terms of Reference of the Group, JTC 1 establishes a delegation to the MoU Management Group and appoints Mr. Haberman as its pro tem head of delegation, with a view to reconsider this in the next JTC 1 Plenary based on a report of the JTC 1 delegation from the first meeting of the Management Group. The delegation is requested:
- to represent JTC 1 in the Management Group,
  - to consult JTC 1 Subcommittees and national bodies as needed,
  - to regularly report to JTC 1 about the Management Group's undertakings relevant for JTC 1.

**Unanimous**

**Resolution 46 - SC 33 Disbandment and Project Disposition**

**1. SC 33 DISBANDMENT AND PROJECT ASSIGNMENT**

JTC 1, noting the lack of any response to the call for an SC33 secretariat, regretfully resolves to disband the SC33 committee following the SC 33 Brisbane meeting and the submission of its output documents to the JTC1 secretariat. In order to ensure that the collaborative work with ITU-T progresses to a mutually satisfactory conclusion, JTC1 agrees that all projects whose final texts are scheduled for ITU-T approval in 1998 should be published as collaborative texts in both ISO/IEC and ITU-T. JTC1 also approves the following organizational changes in respect of existing SC 33 projects. These changes will come into effect on the disbandment of SC33 and are to accommodate the timely completion of existing work only:

- a) The responsibility for ODP - related work in SC33/WG4 (ODP Frameworks and Components), WG5 (ODP Enterprise Language) and WG7 (QoS in ODP) is assigned to SC7, and SC7 is urged to continue the collaborative activity with ITU-T without disruption.
- b) SC6 is assigned the project areas identified in JTC1 N 5425 (i.e. SC33/WG1 (Messaging), WG2 (Directory), WG8 (Abstract Syntax Notation) and the QoS projects 1.33.57.2 and 1.33.57.3 from WG7)
- c) The work of SC33/WG6 (Distributed Management) will cease to be done in JTC1 and will become the sole responsibility of ITU-T SG4
- d) The work of SC33/WG3 (Transaction Processing) and SC33/WG9 (E-LOTOS) will be cancelled unless a firm offer from a JTC1 SC to support the work to expeditious publication is received by the end of the SC33 Brisbane meeting.

- e) JTC1 assigns the responsibility for maintenance of the projects currently covered by the SC33 OSI Maintenance Rapporteur to the UK National Body (Contact: Peter Furniss) for a period of one year, with the need for continued support to be reviewed at subsequent JTC1 meetings.

## **2. SC33 DETAILED PROJECT DISPOSITION REPORT**

SC33, in its Brisbane meeting, is instructed to prepare a detailed, project-by-project disposition report and to submit it to the JTC1 secretariat no later than 31 July 1998. It should contain, for each SC33 active and maintenance project, the following information:

- a) an identification of the current project stage
- b) the planned date of any further ballot, if any
- c) the final planned adoption date within ITU-T
- d) SC33's recommendation for the project disposition following SC33 disbandment.

The possible recommended dispositions are as follows:

- a) For items currently in maintenance:

- Transfer to SC6
- Transfer to SC7
- Transfer to ITU-T
- Identification of responsible National Body (e.g. UK)
- Cancellation of project and withdrawal of standard

- b) For active projects

- Transfer to SC6
- Transfer to SC7
- Transfer to ITU-T
- Cancellation of project

SC 33 is also asked to pay particular attention to the status of the Distributed Management projects currently scheduled for ITU-T adoption in March 1999, and to recommend whether these should be published as collaborative or ITU-T only texts.

**Unanimous**

## **Resolution 47 - Update of JTC 1 Technical Directions**

To ensure consistency with the disbandment of SC 33 and the reallocation of some of its projects, JTC 1 agrees to the following changes to its Technical Directions if not referred to elsewhere in these resolutions:

- a) The Distributed Application Services Technical Direction is to be deleted.
- b) The Networking and Interconnects Technical Direction should be reviewed to ensure that it also reflects the nature of the projects transferred to SC 6. SC 6 is requested to develop any modified text in cooperation with SC 25 and SC 26, as appropriate, and to submit it to JTC 1 for approval.

JTC 1 instructs its Secretariat to revise JTC 1 N 5016 accordingly.

**Unanimous**

**Resolution 48 - Request from the IEC on the Use of JTC 1 Standards**

In response to the request from IEC for statistical information on the adoption and use of JTC 1 standards, JTC 1 has concluded that it would not be practical to respond fully to this request due to the large amount of time and cost that would be required to complete this exercise. Consequently, in order to respond to the maximum extent that is practicable, JTC 1 resolves to ask its National Bodies to advise the JTC 1 Secretariat of the extent to which JTC 1 standards are adopted as national standards.

**Unanimous**

**Resolution 49 - Revision of the Business Plan Template**

JTC 1 approves document JTC 1 N 5447 as the revised business plan template. JTC 1 instructs its Secretariat to circulate this document to JTC 1 SCs for immediate use. The JTC 1 Secretariat is also instructed to post the revised template to the template section of the JTC 1 web site.

**Unanimous**

**Resolution 50 - Potential Revision of the PAS Process**

1. JTC 1 instructs its secretariat to request National Bodies and recognized PAS Submitters to make proposals and comments relating to the operation of the PAS process, which is documented in Supplement 1 of the JTC 1 Directives and in the PAS Management Guide, JTC 1 N3582. Contributions should be received by 30<sup>th</sup> September 1998.
2. JTC 1 authorizes a meeting of the PAS ad hoc convened by Mr. Hartmann in mid-November 1998 with the objective of preparing draft revisions to these documents, for finalization at the next JTC 1 plenary. However, JTC 1 encourages the ad hoc group, before actually convening the meeting, to pursue the possibility of using electronic collaboration tools for the revision work as much as possible.
3. In the meantime JTC 1 would like to encourage potential PAS submitters to apply and approved submitters to make proposals for transposition. Documents submitted

pending changes to the process will be allowed to complete their processing according to the existing procedures; to this effect JTC 1 therefore extends the trial period until such time as the amended procedures come into force.

**Unanimous**

**Resolution 51 - Future Meetings**

The following schedule of JTC 1 Plenary Meetings is agreed:

26-29 January 1999	-	Rio de Janeiro, Brazil
October 1999	-	Seoul, Korea
Mid-year 2000		vacant
2 <sup>nd</sup> Q 2001	-	USA

The JTC 1 Chairman and Secretariat will have a one-day discussion forum with the JTC 1 Sub-group Chairmen and Rapporteurs preceding the Plenary Meeting. Heads of Delegations will be invited to attend.

**Unanimous**

**Resolution 52 - ISO and IEC PAS deliverables**

Concerning the new type of deliverables instituted by ISO and IEC, JTC 1 regrets that the name "PAS" has been selected. Use of this name may lead to the wrong set of conclusions, namely that these documents go through an approval process similar to the one set up by JTC 1 for transposition of Publicly Available Specifications into International Standards. Considering the steady take up of the trial JTC 1 procedures and the positive response of the industry to this new route for standardization, JTC 1 believes that this may be a source of significant and unnecessary confusion.

JTC 1 requests its Chairman to bring this matter to the attention of ISO and IEC Councils and to provide additional information on JTC 1 concerns.

**Unanimous**

## **RESOLUTION APPRECIATION**

- a) JTC 1 expresses its appreciation to Mr. Takeo Satou, Director-General, Agency of Industrial Science and Technology, for his welcoming remarks and expressions of support of the work of JTC 1.

### **Acclamation**

- b) JTC 1 expresses its appreciation to its meeting host, JISC, for the wonderful meeting facilities and the beautiful and special meeting gifts for the JTC 1 delegates. The gifts are a wonderful remembrance of our trip to Sendai.

### **Acclamation**

- c) JTC 1 expresses its appreciation to the meeting staff of IPSJ/ITSCJ, in particular:
- Mr. Mayumi MITA
  - Mr. Junsuke MIYAZAKI
  - Ms. Ryoko KATO
  - Ms. Toshiko KIMURA
  - Mr. Minoru YASHIKI

Their competence and graciousness in responding to the many demands of the meeting made them invaluable and contributed significantly to the success of the meeting. JTC 1 offers its special thanks to Mr. MITA and Mr. MIYAZAKI for arranging for and providing the delegates with the wonderful JTC 1 group picture.

### **Acclamation**

- c) JTC 1 expresses its appreciation to the host of the social function, IPSJ/ITSCJ, for the wonderful JTC 1 party at Shozankan. The location was lovely, the dinner was delicious, the entertainment was outstanding and the company was delightful. JTC 1 members had a wonderful evening and were very pleased to see past JTC 1 participants, Dr. Wada and Professor Takahashi.

### **Acclamation**

- d) JTC 1 expresses its appreciation to its committee officers for their efforts in support of the work of JTC 1 and for the preparation of the reports, business plans and presentations that reflect these activities.

### **Acclamation**

- F) JTC 1 expresses its appreciation to the Drafting Committee for its completion of the resolutions.

### **Acclamation**

G) JTC 1 expresses its appreciation to its Secretariat, Mrs. Lisa Rajchel, for her excellent support during this plenary meeting. JTC 1 also thanks the JTC 1 Secretariat staff and in particular, Mr. Matthew Deane, for their work in preparing for the plenary.

**Acclamation**

H) JTC 1 National Bodies and officers welcome Mr. Tom Frost to his new leadership position as Chairman of JTC 1 and congratulate him on the successful completion of his first meeting.

**Acclamation**