



ISO/IEC JTC1/SC7  
Software Engineering  
Secretariat: CANADA (SCC)

## ISO/IEC JTC1/SC7 N2511

**2001/06/22**

|                     |   |
|---------------------|---|
| <b>Doc. Type</b>    | Resolutions   |
| <b>Title</b>        | ISO/IEC JTC1/SC7 2001 Resolutions - Nagoya Plenary. |
| <b>Source</b>       | JTC1/SC7 Secretariat                                |
| <b>Project</b>      |   |
| <b>Status</b>       | Final   |
| <b>References</b>   |   |
| <b>Action ID</b>    | FYI or ACT  |
| <b>Due Date</b>     |   |
| <b>Mailing Date</b> | 2001/06/22  |
| <b>Distribution</b> | SC7_AG, JTC1 Sec.                                   |
| <b>Medium</b>       | Encoded Acrobat                                     |
| <b>No. Of Pages</b> | 11  |
| <b>Note</b>         |   |

**RESOLUTIONS**  
**ISO/IEC JTC1/SC7- SOFTWARE ENGINEERING**  
 Nagoya Japan - 2001-05-18

NOTE:            *ALL RESOLUTIONS HAVE BEEN ADOPTED UNANIMOUSLY UNLESS OTHERWISE NOTED.*

|   |           |
|---|-----------|
| <b>ORGANISATION.....</b>  | <b>2</b>  |
| APPOINTMENT OF CONVENERS .....                                    | 2         |
| APPOINTMENT OF PROJECT EDITORS .....                              | 2         |
| LIAISON OFFICERS .....  | 3         |
| <b>WORK PROGRAM .....</b>   | <b>4</b>  |
| WORK ITEMS .....  | 4         |
| SUB-WORKING GROUPS .....  | 5         |
| <b>JTC1/SC7 MANAGEMENT.....</b>                                   | <b>6</b>  |
| SWG 1 (BUSINESS PLANNING GROUP).....                              | 6         |
| MEETING FEES.....   | 6         |
| POLICY ON PAS .....   | 7         |
| SC7 ARCHITECTURE MANAGEMENT GROUP - SPECIAL WORKING GROUP 5 ..... | 7         |
| SYSTEMS ENGINEERING STUDY GROUP .....                             | 8         |
| FUNCTIONAL SIZE MEASUREMENTS .....                                | 8         |
| HYPERMEDIA TRIAL .....  | 8         |
| IEEE STANDARDS .....  | 9         |
| PARTICIPATION THE PROGRAM OF WORK .....                           | 9         |
| CONSISTENCY OF STANDARDS .....                                    | 9         |
| CUT-OFF DATE FOR DOCUMENT ISSUANCE.....                           | 9         |
| CHAIR RE-APPOINTMENT .....  | 10        |
| <b>APPRECIATIONS .....</b>  | <b>11</b> |

## **ORGANISATION**

### **Appointment of Conveners**

|      |  |
|------|--|
| 618. | SC7 confirms the following as Conveners for a period of 3 years <ul style="list-style-type: none"><li>○ Mr Dan Hyung Lee (Korea) as Convener of WG 4</li><li>○ Mr Stan Magee USA as Convener of WG 7</li><li>○ Mr Paul Croll USA as Convener of WG 9</li><li>○ Mr Alec Dorling UK as Convener of WG 10</li><li>○ Mr Jack McGarry USA Convener of WG 13</li></ul> |
|------|--|

### **Appointment of Project Editors**

|      |  |
|------|--|
| 619. | JTC1/SC7 appoints the following editors: <ul style="list-style-type: none"><li>○ Mr Juan Garbajosa (Spain) as co-editor for project 07.42(15940)</li><li>○ Mr Dan Hyung Lee (Korea) as co-editor for project 07.42(15940)</li><li>○ Mr Juan Garbajosa (Spain) as co-editor for project 07.07(18018)</li><li>○ Mrs Sara Raskin (Brazil) as co-editor for project 07.07(18018)</li></ul>   |
| 620. | SC7 appoints the following editors and co-editors to the following New Sub-Projects if they are approved by the current NP ballots: <ul style="list-style-type: none"><li>○ Sub-project 07.13.01.01 (9126-10: Software product quality - General overview and guide) Editor: Mr Danilo Scalet, Co-editor: Dr. Witold Suryń and Dr. Nigel Bevan</li><li>○ Sub-project 07.13.03.01 (9126-30: Quality metrics – Metrics reference model and guide) Editor: Mr Vipula Godamunne, Co-editor: Mr Atsushi Yamada</li><li>○ Sub-project 07.13.03.02 (9126-31: Quality metrics – Base metrics) Editor: Mr Ota Novotny, Co-editors: Dr. Jiri Vanicek and Dr. Renate Sitte</li><li>○ Sub-project 07.13.04.01 (9126-40: Quality requirements – Quality requirements and guide) Editor: Mr Jorgen Boegh, Co-editors: Mr Michael Gayle and Dr. Nigel Bevan</li></ul>   |
| 621. | SC7 appoints the following editors and co-editors to the following New Sub-Projects if and when they are approved: <ul style="list-style-type: none"><li>○ Sub-project 07.13.01.02 (9126-11: Software product quality - Planning and management) Editor: Mr Tom Ipoly, Co-editors: Dr. Witold Suryń and Dr. Kazuhiro Esaki</li><li>○ Sub-project 07.13.02.01 (9126-20: Quality model – Quality model and guide) Editor: Dr. Nigel Bevan, Co-editor: Mr Vipula Godamunne</li><li>○ Sub-project 07.13.03.03 (9126-32: Quality metrics – Internal metrics) Editor: Mr Yukio Tanitsu, Co-editor: Mr Vipula Godamunne</li><li>○ Sub-project 07.13.03.04 (9126-33: Quality metrics – External metrics) Editor: Mr Atsushi Yamada, Co-editor: Mr Vipula Godamunne</li><li>○ Sub-project 07.13.03.05 (9126-34: Quality metrics – Quality in use metrics) Editor: Dr. Nigel Bevan, Co-editor: Dr. Witold Suryń</li><li>○ Sub-project 07.13.03.06 (9126-35: Quality metrics – Documentation of evaluation modules) Editor: Mr Jorgen Boegh, Co-editor: Ms. Antonia Jeanrenaud</li><li>○ Sub-project 07.13.05.01 (9126-50: Quality evaluation – Quality evaluation overview and guide) Editor: Dr. Nigel Bevan, Co-editors: Mr Danilo Scalet and Dr. Witold Suryń</li><li>○ Sub-project 07.13.05.02 (9126-51: Quality evaluation – Process for developers) Editor: Mr Jorgen Boegh, Co-editor: Ms. Antonia Jeanrenaud</li><li>○ Sub-project 07.13.05.03 (9126-52: Quality evaluation – Process for acquirers) Editor: Mr Gilbert Le Gall, Co-editor: Ms. Antonia Jeanrenaud</li><li>○ Sub-project 07.13.05.04 (9126-53: Quality evaluation – Process for evaluators) Editor: Ms. Antonia Jeanrenaud, Co-editors: Mr Jorgen Boegh and Ms. Regina Colombo</li></ul> |

|      |  |
|------|--|
| 622. | JTC1/SC7 appoints the following co-Editors: <ul style="list-style-type: none"> <li>o Alastair Walker (SA) as project Co-Editor for 15504-1, project 07.29.11</li> <li>o Satoshi Fushimi (Japan) as project Co-Editor for 15504-1, project 07.29.11</li> <li>o Catriona Mackie (UK) as project Co-Editor for 15504-2, project 07.29.12</li> <li>o Kiyoshi Ogawa (Japan) as project Co-Editor for 15504-2, project 07.29.12</li> </ul> |
| 623. | JTC1/SC7 appoints Alain Abran (Canada) as project editor of the COSMIC-FFP functional size measurement method project, conditional to the approval of the NWIP.  |
| 624. | JTC1/SC7 appoints Alain Abran (Canada) as project editor of the SWEBOK project, conditional to the approval of the NWIP.   |

## Liaison Officers

|                           |   |               |                          |                           |                             |               |                          |            |                         |                |                          |           |                       |                |                              |               |                           |                   |                          |                   |                         |                   |                      |       |                      |
|---------------------------|---|---------------|--------------------------|---------------------------|-----------------------------|---------------|--------------------------|------------|-------------------------|----------------|--------------------------|-----------|-----------------------|----------------|------------------------------|---------------|---------------------------|-------------------|--------------------------|-------------------|-------------------------|-------------------|----------------------|-------|----------------------|
| 625.                      | <p><b>INTERNAL LIAISON OFFICERS</b></p> <p>JTC1/SC7 reaffirms the importance of liaison with the following committees, to be established or confirmed as follows:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">ISO TC176/SC2</td> <td style="width: 50%;">Dr. Yossi Winograd (USA)</td> </tr> <tr> <td>ISO TC176/SC2 alternative</td> <td>Mr Shigenobu Katoh (Japan))</td> </tr> <tr> <td>ISO TC176/SC3</td> <td>Dr. Yossi Winograd (USA)</td> </tr> <tr> <td>ISO TC 210</td> <td>Mr Sherman Eagles (USA)</td> </tr> <tr> <td>IEC TC65/SC65A</td> <td>Mr Hans Daniel (Germany)</td> </tr> <tr> <td>IEC TC 62</td> <td>Mr John Murrary (USA)</td> </tr> <tr> <td>ISO TC 176/SC1</td> <td>Ms. Victoria Hailey (Canada)</td> </tr> <tr> <td>ISO TC184/SC5</td> <td>Mr Terry Rout (Australia)</td> </tr> <tr> <td>ISO/IEC JTC1/SC27</td> <td>Mr Hans Daniel (Germany)</td> </tr> <tr> <td>ISO/IEC JTC1/SC32</td> <td>Mr Jean Bérubé (Canada)</td> </tr> <tr> <td>ISO/IEC JTC1/SC22</td> <td>Mr James Moore (USA)</td> </tr> <tr> <td>CASCO</td> <td>Mr James Moore (USA)</td> </tr> </table> <p>The ISO/IEC JTC1/SC7 Secretariat will send a letter to the Secretariats of the aforementioned committees to communicate officially this resolution and will copy the Advisory Group.</p> | ISO TC176/SC2 | Dr. Yossi Winograd (USA) | ISO TC176/SC2 alternative | Mr Shigenobu Katoh (Japan)) | ISO TC176/SC3 | Dr. Yossi Winograd (USA) | ISO TC 210 | Mr Sherman Eagles (USA) | IEC TC65/SC65A | Mr Hans Daniel (Germany) | IEC TC 62 | Mr John Murrary (USA) | ISO TC 176/SC1 | Ms. Victoria Hailey (Canada) | ISO TC184/SC5 | Mr Terry Rout (Australia) | ISO/IEC JTC1/SC27 | Mr Hans Daniel (Germany) | ISO/IEC JTC1/SC32 | Mr Jean Bérubé (Canada) | ISO/IEC JTC1/SC22 | Mr James Moore (USA) | CASCO | Mr James Moore (USA) |
| ISO TC176/SC2             | Dr. Yossi Winograd (USA)  |               |                          |                           |                             |               |                          |            |                         |                |                          |           |                       |                |                              |               |                           |                   |                          |                   |                         |                   |                      |       |                      |
| ISO TC176/SC2 alternative | Mr Shigenobu Katoh (Japan))   |               |                          |                           |                             |               |                          |            |                         |                |                          |           |                       |                |                              |               |                           |                   |                          |                   |                         |                   |                      |       |                      |
| ISO TC176/SC3             | Dr. Yossi Winograd (USA)  |               |                          |                           |                             |               |                          |            |                         |                |                          |           |                       |                |                              |               |                           |                   |                          |                   |                         |                   |                      |       |                      |
| ISO TC 210                | Mr Sherman Eagles (USA)   |               |                          |                           |                             |               |                          |            |                         |                |                          |           |                       |                |                              |               |                           |                   |                          |                   |                         |                   |                      |       |                      |
| IEC TC65/SC65A            | Mr Hans Daniel (Germany)  |               |                          |                           |                             |               |                          |            |                         |                |                          |           |                       |                |                              |               |                           |                   |                          |                   |                         |                   |                      |       |                      |
| IEC TC 62                 | Mr John Murrary (USA)   |               |                          |                           |                             |               |                          |            |                         |                |                          |           |                       |                |                              |               |                           |                   |                          |                   |                         |                   |                      |       |                      |
| ISO TC 176/SC1            | Ms. Victoria Hailey (Canada)  |               |                          |                           |                             |               |                          |            |                         |                |                          |           |                       |                |                              |               |                           |                   |                          |                   |                         |                   |                      |       |                      |
| ISO TC184/SC5             | Mr Terry Rout (Australia)   |               |                          |                           |                             |               |                          |            |                         |                |                          |           |                       |                |                              |               |                           |                   |                          |                   |                         |                   |                      |       |                      |
| ISO/IEC JTC1/SC27         | Mr Hans Daniel (Germany)  |               |                          |                           |                             |               |                          |            |                         |                |                          |           |                       |                |                              |               |                           |                   |                          |                   |                         |                   |                      |       |                      |
| ISO/IEC JTC1/SC32         | Mr Jean Bérubé (Canada)   |               |                          |                           |                             |               |                          |            |                         |                |                          |           |                       |                |                              |               |                           |                   |                          |                   |                         |                   |                      |       |                      |
| ISO/IEC JTC1/SC22         | Mr James Moore (USA)  |               |                          |                           |                             |               |                          |            |                         |                |                          |           |                       |                |                              |               |                           |                   |                          |                   |                         |                   |                      |       |                      |
| CASCO                     | Mr James Moore (USA)  |               |                          |                           |                             |               |                          |            |                         |                |                          |           |                       |                |                              |               |                           |                   |                          |                   |                         |                   |                      |       |                      |

## WORK PROGRAM

### Work Items

|      |  |
|------|--|
| 626. | JTC1/SC7 instructs its Secretariat to issue document WG4N242: <i>Information Technology --- Configuration Management Tool Requirements</i> , for combined WD, CD registration and CD ballot.   |
| 627. | JTC1/SC7 instructs its Secretariat to issue document ISO/IEC 15288 for FCD ballot once it has received a satisfactory disposition report on CD.3 comments, a revised document and a confirmation from some Member Bodies of their vote change.   |
| 628. | JTC1/SC7 instructs its Secretariat to issue ISO/IEC FPDAM 12207 Amendment 1, to ITTF for FDAM ballot, once it has received a satisfactory comment disposition report and a revised document.   |
| 629. | JTC1/SC7 intends to initiate a revision of ISO/IEC 15288 and ISO/IEC 12207 for harmonization between these standards and also ISO 9000-3 and ISO/IEC TR 15504 as soon as ISO/IEC 15288 and ISO/IEC 12207 PDAM are published. To prepare for this work JTC1/SC7 instructs its WG7 to initiate a study period once a successful FCD and FDAM ballot have been completed.   |
| 630. | <p>JTC1/SC7 instructs its Secretariat to</p> <ul style="list-style-type: none"> <li>a) Contact TC56 to formalize the transfer of IEC/TC56 Project 61720 to JTC1/SC7/WG9. Transfer of IEC/TC56 Project 61720: Guide to techniques and tools for achieving confidence in software. This will be circulated as a NWI ballot to JTC1/SC7.</li> <li>b) Contact IEEE to formalize the transfer of IEEE std 1540-2001 for JTC1/SC7 accelerated processing. This will be circulated as a NWI ballot to JTC1/SC7.</li> <li>c) Initiate a NWIP for the maintenance of "ISO/IEC15026:1998 System and software integrity levels" to provide extended scope and application linkage to safety and security standards (Project leader: Japan).</li> <li>d) Establish a Study project to explore Integrity concepts and applications and relationship with dependability.</li> </ul> <p>If any NWI ballot is successful it will be assigned to WG9 for progress.<br/>If all NWI ballots are unsuccessful JTC1/SC7 instructs its Secretariat to disband its WG9.</p> |
| 631. | JTC1/SC7 instructs its Secretariat to issue document CD2 15504-2: <i>Software Engineering – Process Assessment - Part 2: Performing An Assessment</i> , for FCD ballot, once it has received a satisfactory comment disposition report and a revised document.   |
| 632. | JTC1/SC7 instructs its Secretariat to issue document CD 15504-3: <i>Software Engineering – Process Assessment - Part 3: Guidance on Performing An Assessment</i> , for FCD ballot, once it has received a satisfactory comment disposition report and a revised document.  |
| 633. | JTC1/SC7 instructs its Secretariat to issue document ISO/IEC TR 15504-2 Amendment 1, to ITTF for FDAM ballot.  |
| 634. | JTC1/SC7 instructs its Secretariat to subdivide Project 07.77 (Open Distributed Processing – Reference Model – Enterprise Language) to facilitate the development of an amendment to ISO/IEC 15414 (currently at FDIS).  |
| 635. | JTC1/SC7 instructs its Secretariat to split project 07.80 into 07.80.01 entitled <i>Guidelines to the application of ISO 9001:2000 for software</i> and 07.80.02 that will cover Systems.  |

|      |   |
|------|---|
| 636. | JTC1/SC7 instructs its Secretariat to circulate the revised version of WD <i>Guidelines to the application of ISO 9001:2000 for software</i> for a combined WD, CD registration and CD ballot.  |
| 637. | JTC1/SC7 instructs its Secretariat close down WG18/Sub Working Group 1.   |
| 638. | JTC1/SC7 instructs its Secretariat to issue the Guide to Software Engineering Body of Knowledge for combined WD, PDTR registration and PDTR ballot once ISO editorial guidelines for TR Type III report have been finalised and pending positive results from the on-going NWI vote.  |
| 639. | JTC1/SC7 instructs its Secretariat to request from JTC1 that the Guide to SWEBOK remains available free of charge and be posted on the World Wide Web, as requested by IEEE.  |
| 640. | <p>JTC1/SC7 instructs its Secretariat to issue document JTC1/SC7 N xxxx, New Work Item Proposal on <i>Software Asset Management Process</i>, for a two months letter ballot, by 1st July 2001, and to copy JTC1 for information.</p> <p>If and when the NP is approved, JTC1/SC7 instructs its Secretariat to assign the project to a new Working Group, WG20.</p> <p>JTC1/SC7 appoints Mr Lennart Piper (Sweden) as Convener of WG20 and Mr Roger Wittlock (Sweden) as project editor, conditional to Member Body support.</p> |

### Sub-Working Groups

|      |   |
|------|---|
| 641. | <p>JTC1/SC7 instructs its Working Group 6 (WG6) to form three Sub Groups (SG) within WG6.</p> <p>The WG6-SG1: Product Quality General is responsible for projects 07.13.01.01 and 07.13.01.02.</p> <p>The WG6-SG2: Quality Model and Metrics is responsible for projects 07.13.02.01, 07.13.03.01, 07.13.03.02, 07.13.03.03, 07.13.03.04, 07.13.03.05 and 07.13.03.06.</p> <p>The WG6-SG3: Quality Requirements and Evaluation is responsible for projects 07.13.04.01, 07.13.05.01, 07.13.05.02, 07.13.05.03 and 07.13.05.04.</p> <p>SC7/WG6 appoints Dr. Witold Suryn, Dr. Nigel Bevan and Mr Jorgen Boegh as sub working group leaders on WG6-SG1, WG6-SG2 and WG6-SG3 respectively.</p> |
|------|---|

## JTC1/SC7 MANAGEMENT

### SWG 1 (Business Planning Group)

|                             |   |                             |                        |                         |                          |                       |                      |
|-----------------------------|---|-----------------------------|------------------------|-------------------------|--------------------------|-----------------------|----------------------|
| 642.                        | <p><b><u>SC7 Business Planning Group – Special Working Group 1</u></b></p> <p>JTC1/SC7 reconfirms the intent of Resolutions 505 and 540 and forms the JTC1/SC7 Business Planning Group (BPG) as a special working group (SWG 1) with the mandate to:</p> <ol style="list-style-type: none"> <li>1. Support the Chair in the elaborations of directions and policies.</li> <li>2. Assist the chair in the prompt resolution of issues.</li> <li>3. Propose update to the JTC1/SC7 business plans and procedures.</li> <li>4. Propose updates to JTC1/SC7 communications function.</li> <li>5. Prepare procedures and organization responsibilities to ensure an integrated strategy planning, business planning, and management systems for JTC1/SC7.</li> </ol> <p>The Business Planning Group will be under the direction of the JTC1/SC7 Chair. Members will be nominated by the Chair and confirmed at each Plenary meeting.</p> <p>Criteria for membership are:</p> <ol style="list-style-type: none"> <li>1. At least 5 years of JTC1/SC7 active participation.</li> <li>2. Availability to participate to BPG meetings in and outside of the Plenary.</li> <li>3. Membership in the JTC1/SC7 AG.</li> <li>4. No more than one representative per country.</li> <li>5. The Chair and Secretariat are permanent members.</li> </ol> <p>The BPG reports to the AG.</p> <p>The SWG 1 membership shall be composed of:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Mr Alain Faisandier, France</td> <td style="width: 50%;">Dr. Y. Yamamoto, Japan</td> </tr> <tr> <td>Mr D. Thiele, Australia</td> <td>Dr. Hans Daniel, Germany</td> </tr> <tr> <td>Mr Michael Gayle, USA</td> <td>Mr J. Bérubé, Canada</td> </tr> </table> | Mr Alain Faisandier, France | Dr. Y. Yamamoto, Japan | Mr D. Thiele, Australia | Dr. Hans Daniel, Germany | Mr Michael Gayle, USA | Mr J. Bérubé, Canada |
| Mr Alain Faisandier, France | Dr. Y. Yamamoto, Japan  |                             |                        |                         |                          |                       |                      |
| Mr D. Thiele, Australia     | Dr. Hans Daniel, Germany  |                             |                        |                         |                          |                       |                      |
| Mr Michael Gayle, USA       | Mr J. Bérubé, Canada  |                             |                        |                         |                          |                       |                      |
|                             | <p><b>Israel: Abstain      All other MB's: Approval</b></p>   |                             |                        |                         |                          |                       |                      |

### Meeting Fees

|      |  |
|------|--|
| 643. | <p>JTC1/SC7 recognizes that in order to be able to afford hosting its Plenary or Interim (i.e. WG) meetings, Members Bodies may have to charge meeting fees to delegates. This approach has already been used in the last five years for certain JTC1/SC7 meetings.</p> <p>While JTC1/SC7 acknowledges that JTC1 procedures (section 7.4 Funding Mechanisms) must be upheld, the following application guidelines will be used for future meetings:</p> <ul style="list-style-type: none"> <li>– The host organization should notify the JTC1/SC7 Secretariat if meeting fees may be charged the moment it agrees to host a meeting.</li> <li>– Meeting fee level must be approved by the JTC1/SC7 Secretariat no later than 4 months before the beginning of the meeting. The host organization shall provide to the JTC1/SC7 Secretariat the appropriate data, as described in section 7.4 of the JTC1 Procedures) for the approval.</li> <li>– The level of the fees and the payment process and options should be clearly documented in the meeting registration material.</li> <li>– A receipt for the meeting fees shall be provided to delegates upon request at the meeting.</li> <li>– Were possible, credit card payment should be accepted</li> </ul> <p>Meeting fees should not exceed 200U\$ if possible, excluding social event and meals.</p> |
|------|--|

## Policy on PAS

|      |   |
|------|---|
| 644. | <p>JTC1/SC7 recognize the value of the JTC1 PAS process as a mean to bring efficiently publicly available standards (PAS) through the ISO standardization process.</p> <p>In order to ensure that this process operate in the most efficient manner, JTC1/SC7 mandate its BPG to ensure that all PAS submitter in the area covered by the JTC1/SC7 terms of reference:</p> <ul style="list-style-type: none"><li>– Notify in advance JTC1/SC7 of their plans for PAS submission, or for applying as a PAS submitter. This Notification should be send to the JTC1/SC7 Secretariat.</li><li>– Circulate in advance, through the JTC1/SC7 Secretariat and, where possible, discuss with relevant groups draft PAS submissions (proposed standard and explanatory report) to ensure there are no major issues.</li><li>– If possible make a presentation to a JTC1/SC7 meeting on the PAS submission (proposed standard and explanatory report).</li></ul> <p>JTC1/SC7 shall also include the JTC1 PAS process as one of the many available strategies to bring efficiently through the ISO process standards that fit into its Terms of References.</p> |
|------|---|

## SC7 Architecture Management Group - Special Working Group 5

|      |   |
|------|---|
| 645. | <p>JTC1/SC7 reaffirms the intent of Resolutions 538 and 577 and form the JTC1/SC7 Architecture Management Group as a special working group (SWG 5). This special working group is a merger of the previous SWG 2 and 3, with the following new mandate:</p> <ul style="list-style-type: none"><li>– Elaborate and Maintain JTC1/SC7 Architecture and Vocabulary standing documents</li><li>– Provide counsel to JTC1/SC7 Conveners and editors on standards architecture and vocabulary consistency issues</li><li>– Recommend to JTC1/SC7 standard maintenance strategies</li><li>– Report on its activities to the JTC1/SC7 BPG and AG</li></ul> <p>Criteria for membership are:</p> <ol style="list-style-type: none"><li>1. At least 5 years of JTC1/SC7 active participation</li><li>2. Not a member of SWG 1 – BPG</li><li>3. Not a convener</li><li>4. Availability for meetings and assignments</li><li>5. Membership, excluding the chair and the conveners, is limited to 6</li><li>6. Recognized JTC1/SC7 expertise in one or more of the following area:<ul style="list-style-type: none"><li>o Software &amp; Systems Engineering</li><li>o Software &amp; Systems Process</li><li>o Software &amp; Systems Product</li><li>o Measurements and Metrics</li><li>o Tools, Methodologies &amp; Modeling Languages</li><li>o Software &amp; Systems Engineering Products (aka Data)</li></ul></li></ol> <p>The JTC1/SC7 Special Working Group on Architecture Management will be chaired by the JTC1/SC7 Chair and co-convened by Mr Jim Moore (USA) and Terry Rout (Australia). Membership in the SWG will consists of the following members:</p> <ul style="list-style-type: none"><li>• Jean-Philippe Lerat (France)</li><li>• Tomoo Matsubara (Japan)</li><li>• TBC</li><li>• Andy Coster (UK)</li><li>• Khaled El Eman (Canada)</li><li>• TBC</li></ul> <p>JTC1/SC7 mandates its SWG1 to fill the unfilled positions. The JTC1/SC7 AG will be notified accordingly.</p> |
|------|---|

## Systems Engineering Study Group

|      |  |
|------|--|
| 646. | <p>JTC1/SC7 extends its Systems Engineering Study Group, and assign it to its WG 7. The Systems Engineering Study Group is instructed to:</p> <ul style="list-style-type: none"> <li>▪ Complete its report in liaison with WG7, integrating in its analysis the coming guide on Systems Engineering Life-Cycle and relevant INCOSE work, and send it to the Secretariat for Member Bodies Balloting by 2001-12-01.</li> <li>▪ Negotiate with the EIA and IEEE the contribution to JTC1/SC7 of pdf formatted version of their relevant Systems Engineering documents for the purpose of assisting JTC1/SC7 national bodies and liaisons in elaborating national position. Permission must be granted for JTC1/SC7 member bodies and technical committees of ISO and IEC to reproduce these documents for purposes of developing a national position. These documents should be released by 2001-12-01.</li> </ul> |
|------|--|

## Functional Size Measurements

|      |  |
|------|--|
| 647. | <p>JTC1/SC7 reaffirms Resolution 605 and endorse the recommendations of its SWG1 – BPG for the ad hoc working group for the review of specifications submitted for transposition into ISO/IEC standards via the PAS process. This ad hoc working group shall have the following permanent membership:</p> <ul style="list-style-type: none"> <li>– Alastair Walker, South Africa, Convener</li> <li>– Jack McGarry, US</li> <li>– Khaled El Eman, Canada</li> <li>– Jorgen Boegh, Denmark</li> </ul> <p>As stated in the JTC1 Directives for PAS and Fast-Tracking, JTC1/SC7 Member Bodies are encouraged to nominate members, especially if they submit a negative vote and/or comments.</p> <p>JTC1/SC7 will remind the PAS submitters to follow the recommendations in the JTC1 directives and informally circulate, through the JTC1/SC7 Secretariat, their document and explanatory report three months before the PAS fast-track ballot.</p> <p>As stated in Resolution 605, JTC1/SC7 would appreciate that any relevant supporting material be also submitted as part of the explanatory report to expedite the technical review. This will simplify the processing of the PAS by JTC1/SC7. For consistency, the use of the checklist and format of FDIS 14143-2 is recommended.</p> <p>Given that Resolution 605 is now one year old, JTC1/SC7 instructs its Secretariat to issue the document titled Information technology – Functional Size Measurement – COSMIC – FFP Functional Size Measurement Method for a combined WD, CD registration and CD ballot.</p> |
|      | <p><b>United States of America: Disapproval</b><br/> <b>Czech Republic: Abstain</b></p> <p><b>France: Abstain</b><br/> <b>All other MB's: Approval</b></p>   |

## Hypermedia Trial

|      |   |
|------|---|
| 648. | <p>JTC1/SC7 reaffirms Resolution 610 where it agreed to trial novel hypermedia-based approaches to package and distribute its technical work products.</p> <p>JTC1/SC7 is authorized to share the results of the various experiments with other standardization bodies.</p> <p>JTC1/SC7 assigns to its SWG5 (AMG) the responsibility to monitor future work in this area, and ensure that the results are communicated within JTC1/SC7.</p> |
|------|---|

## IEEE Standards

|      |   |
|------|---|
| 649. | <p>JTC1/SC7 reaffirms Resolution 606 and authorizes its Secretariat to extend the Study Group to jointly investigate with the IEEE-CS IEEE standards and work in progress in at least the following areas for potential processing by JTC1/SC7:</p> <ul style="list-style-type: none"><li>▪ Internet Web site development practices</li><li>▪ Re-use</li><li>▪ Architecture Description and Modeling Languages</li><li>▪ Risk management</li><li>▪ Vocabulary</li></ul> <p>The study group will circulate after this plenary a proposed term of reference, a tentative table of content of the report, as part of a formal call for participation and initial comments.</p> <p>The study group should prepare a report to include recommendations on the program of work for the next Plenary meeting of JTC1/SC7. The report shall be circulated to JTC1/SC7 by 2001-12-01. M. Jean Bérubé is the convener the study group, and the initial members of the Study Group are:</p> <ul style="list-style-type: none"><li>▪ Mr Paul Croll (IEEE)</li><li>▪ Mr Thierry Dujardin (France)</li><li>▪ Mr Jack McGarry (USA)</li><li>▪ Mr Jim Moore (IEEE Liaison)</li><li>▪ Mr Peter Voldner (Canada)</li><li>▪ Mr Mordechai Ben-Menachem (Israel)</li><li>▪ Mr Ken Johnson (UK)</li></ul> <p>The study group may recruit additional resources as necessary.</p> |
|------|---|

## Participation The Program Of Work

|      |  |
|------|--|
| 650. | JTC1/SC7 instructs its Secretariat to do whatever is required with "P" Members who do not participate in its activities as per JTC1 Directive 3.1. |
|------|--|

## Consistency of Standards

|      |  |
|------|--|
| 651. | JTC1/SC7 endorses the principle that its standards should constitute a coherent and consistent set and directs its Architecture Management group to investigate mechanisms for achieving this and to report at the next Plenary Meeting. |
|------|--|

## Cut-off Date for Document Issuance

|      |   |
|------|---|
| 652. | The JTC1/SC7 Secretariat commits to respect the following schedule for all ballots. In this schedule, the JTC1/SC7 Secretariat commits to take no longer than 1 week to process the documents prior to and following the ballots. For documents sent outside the attached schedule, the JTC1/SC7 Secretariat commits to take no longer than 10 workdays to process the documents prior to and following the ballots. These commitments only apply for documents that are received in an acceptable format and quality and with all relevant additional information. |
|------|---|

| Document Type             | Cut-off Date | Ballot Start | Ballot End | Ballot Summary Report | Interim Meeting   |
|---------------------------|--------------|--------------|------------|-----------------------|-------------------|
| NP, WD (60 days)          | 2001/08/17   | 2001/08/24   | 2001/10/15 | 2001/10/22            | ...               |
| CD, PDTR, PDAM (3 months) | 2001/07/09   | 2001/07/16   | 2001/10/15 | 2001/10/22            | ...               |
| FCD, FPDAM (4 months)     | 2001/06/09   | 2001/06/16   | 2001/10/15 | 2001/10/22            | ...               |
|                           |              |              |            |                       |                   |
| Document Type             | Cut-off Date | Ballot Start | Ballot End | Ballot Summary Report | Plenary Meeting   |
| NP, WD (60 days)          | 2002/02/15   | 2002/02/22   | 2002/04/15 | 2002/04/22            | <b>2002/05/13</b> |
| CD, PDTR, PDAM (3 months) | 2002/01/09   | 2002/01/16   | 2002/04/15 | 2002/04/22            | <b>2002/05/13</b> |
| FCD, FPDAM (4 months)     | 2001/12/09   | 2001/12/16   | 2002/04/15 | 2002/04/22            | <b>2002/05/13</b> |
|                           |              |              |            |                       |                   |
| Document Type             | Cut-off Date | Ballot Start | Ballot End | Ballot Summary Report | Plenary Meeting   |
| NP, WD (60 days)          | 2002/08/16   | 2002/08/23   | 2002/10/14 | 2002/10/21            | ...               |
| CD, PDTR, PDAM (3 months) | 2002/07/08   | 2002/07/15   | 2002/10/14 | 2002/10/21            | ...               |
| FCD, FPDAM (4 months)     | 2002/06/08   | 2002/06/15   | 2002/10/14 | 2002/10/21            | ...               |

### **Chair Re-Appointment**

|      |  |
|------|--|
| 653. | JTC1/SC7 endorses M. François Coallier (Can) as Chairman for a second period of 3 years and mandates its Secretariat to request re-confirmation from JTC1. |
|------|--|

