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Software and System Engineering  
Secretariat: CANADA (SCC)

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**RESOLUTIONS**  
**ISO/IEC JTC1/SC7- SOFTWARE and SYSTEM ENGINEERING**  
 Busan Korea - 2002-05-17

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

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## ORGANISATION

### Appointment of Conveners

654	<p>SC7 confirms the following as Conveners for a period of 3 years</p> <ul style="list-style-type: none"> <li>o Mr Doug Thiele (Australia) as Convener of WG 7</li> <li>o Mr. Hans Daniel (Germany) as Convener of WG9</li> </ul>
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### Appointment of Project Editors

655	<p>JTC1/SC7 appoints the following editors:</p> <ul style="list-style-type: none"> <li>o Mr.. Martin D'Souza (Australia) as editor for project 07. (14143-3)</li> <li>o Mr. Peter Fagg (UK) and Marie O'Neill as co-editors for project 07. (19761)</li> <li>o Mr. Claude Laporte (Canada) as editor for project 07. (19759)</li> <li>o Mr. Martin D'Souza (Australia) as co-editor for project 07. (14143-5)</li> </ul>
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### Liaison Officers

656	<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: 60%;">ISO TC176/SC2</td> <td>Mr Shigenobu Katoh (Japan)</td> </tr> <tr> <td>ISO TC176/SC2 alternative</td> <td>Mr. Robert Marshall (Canada)</td> </tr> <tr> <td>ISO TC176/SC3</td> <td>Mr Shigenobu Katoh (Japan)</td> </tr> <tr> <td>ISO TC 210</td> <td>Mr Sherman Eagles (USA)</td> </tr> <tr> <td>IEC TC 56</td> <td>Mr. Hans Daniel (Germany)</td> </tr> <tr> <td> </td> <td></td> </tr> <tr> <td>IEC TC65/SC65A</td> <td>Mr Hans Daniel (Germany)</td> </tr> <tr> <td>IEC TC 62</td> <td>TBD</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 TC 159/SC4</td> <td>Dr. Jonathan Earthy (UK)</td> </tr> <tr> <td> </td> <td></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	Mr Shigenobu Katoh (Japan)	ISO TC176/SC2 alternative	Mr. Robert Marshall (Canada)	ISO TC176/SC3	Mr Shigenobu Katoh (Japan)	ISO TC 210	Mr Sherman Eagles (USA)	IEC TC 56	Mr. Hans Daniel (Germany)	 		IEC TC65/SC65A	Mr Hans Daniel (Germany)	IEC TC 62	TBD	ISO TC 176/SC1	Ms. Victoria Hailey (Canada)	ISO TC184/SC5	Mr Terry Rout (Australia)	ISO TC 159/SC4	Dr. Jonathan Earthy (UK)	 		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)
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### Working Groups

657	<p>JTC1/SC7 instructs its Secretariat to disband its Working Group 13 since it has completed its program of work and transfer the maintenance of its standards to Working Group 7</p>
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## WORK PROGRAM

### Work Items

658	<p>JTC1/SC7 instructs its Secretariat for a combined WD, CD Registration and CD ballot the documents:</p> <ul style="list-style-type: none"><li>• wg10 N447 – ISO/IEC 15504-1</li><li>• wg10 N448 – ISO/IEC 15504-5</li></ul> <p>If the above documents meet the requirements for CD ballot and when they are received by the Secretariat with the appropriate documentation.</p>
659	<p>JTC1/SC7 instructs its Secretariat to circulate for a combined WD, CD registration and CD ballot of:</p> <ul style="list-style-type: none"><li>• ISO/IEC 9126-31 / 25021 - “Software Engineering - Software quality - SQuaRE – measurement primitives</li><li>• ISO/IEC 9126-40 / 25030 - “Software Engineering - Software quality - SQuaRE - Quality requirements and guide”</li></ul> <p>If the above documents meet the requirements for CD registration ballot and when they are received by the Secretariat with the appropriate documentation.</p>
660	<p>JTC1/SC7 resolves to complete the project 15935, ODP – Quality of Service, as a Technical Report Part III for publication as Part 5 of ISO/IEC 10746, Reference Model of Open Distributed Processing.</p> <p>It instructs its Secretariat to issue SC7 N2646, ODP – Quality of Service (formerly FCD 15935) for combined PDTR and DTR ballot. The document should be accompanied by SC N2647, Disposition of Ballot Comments on FCD 15935.</p>
661	<p>JTC1/SC7 instructs its Secretariat to issue SC7 N2648, PDAM to ISO/IEC 15414 ODP – Enterprise Language for combined WD, PDTR registration and PDTR ballot, upon the recommendation of WG17 (expected from an Interim Meeting in Malaga in September 2002) and the reception of the appropriate document.</p>

## NWI

662	<p>JTC1/SC7 instructs its Secretariat to circulate, once available, a New Work Item Proposal on Software measurement - Functional size measurement - Guide for use of 14143 series (functional size measurement) and related international Standards and its associated Requirements Document, for a two month letter ballot, 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 working group WG12.</p> <p>JTC1/SC7 appoints Mr. Shigeru Nishiyama and Mitsuhiro Takahashi (Japan) as co-editors and Peter Fagg (UK) as project editor, conditional to Member Body support.</p>
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663	<p>JTC1/SC7 instructs its Secretariat to issue document JTC1/SC7 N2629, New Work Item Proposal (with its associated Requirements Document) for a Guideline on the use of Unified Modeling Language (UML) for ODP viewpoint specifications, for a two month letter ballot, upon the recommendation of WG19 (expected from an Interim Meeting in Helsinki in October 2002).</p>
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## Study Groups

664	<p>JTC1/SC7 instructs its Secretariat to establish a study group for Information Technology – Requirements Engineering Tool requirements.</p> <p>The terms of reference of this Study Group are in document SC7N2630. Its membership will consist of :</p> <p style="text-align: center;">Juan Garbajosa (Spain), HyukSoo Han (Korea), Tasuya Hirooka (Japan), Ian Hirst (Australia), Byong Gul Lee (Korea), Hiyoshi Ogawa (Japan), Sara Raskin (Brasil) and Keun Hyuk Yeaom (Korea).</p> <p>This study group will be chaired by Dr. Dan Lee and will submit a report by 2003-01-30.</p> <p>If the study project is successful, a NWI proposal (with accompanying Requirements Document) will be submitted to the SC7 Secretariat by 2003-02-15 for balloting.</p> <p>If the NWI ballot is successful, JTC1/SC7 instructs its Secretariat to assign the NWI to WG4 with Dr. HyukSoo San and Dr. ByongGul Lee (Korea) as project editors.</p>
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665	<p>Further to SC 7 Resolution 629, JTC1/SC7 instructs its Secretariat to establish a Study Group to plan the revision of ISO/IEC 15288 and ISO/IEC 12207 for their internal harmonization and with other relevant standards.</p> <p>The Terms of Reference of the Study Group are to:</p> <ul style="list-style-type: none"> <li>• Provide input to the WG 7 vision for Life cycle management standards.</li> <li>• Provide the rationale for, and scope of, the effort to harmonize the WG 7 Life Cycle Process Standards, based on SC 7 Resolution 629.</li> <li>• Incorporate harmonization activities resulting from the SC 7 N2573 Report from the Study Group on System Engineering.</li> <li>• Define the process model to be applied for the harmonization.</li> <li>• Provide a preliminary schedule for the harmonization effort.</li> </ul> <p>The report will be submitted for SC 7 National Body review by 1 July 2002.</p> <p>This Harmonization Study Group will be chaired by Alain Faisandier and will have a membership of:</p> <p style="padding-left: 40px;">Stuart Arnold, Garry Roedler, Dennis Ahern, Bud Lawson, Johan Bendz, Matthew Young, Yan Zhang, Anatol Kark, DohJae Lee, Tanin Uthayanaka, Noritoshi Murakami, Alec Dorling, Terry Rout</p>
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### ISO 9000-3 Numbering

666	<p>JTC1/SC7 instructs its Secretariat to circulate for a 30-Day letter ballot WG18 position paper (SC7 N2xxx) on numbering for ISO 9000-3.</p> <p>If the proposal is accepted by SC7, JTC1/SC7 instructs its Secretariat to take whatever actions is required with ISO TC 176, JTC 1 and ISO to implement the recommendations.</p>
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## Projects re-activation

667	<p><u>Progression of Petri Net Standard (FCD 15909)</u></p> <p>JTC1/SC7 instructs its Secretariat to issue when available, a New Work Item Proposal on Petri Net Techniques, for a three months letter ballot, by 1st July 2002, and to copy JTC1 for information.</p> <p>The original NWI (SC7 N1441) and ballot results (SC7 N1494) should accompany this ballot as background information.</p> <p>If and when the NP is approved, JTC1/SC7 appoints Professor Jonathan Billington (Australia) as Editor and instructs its Secretariat to:</p> <ol style="list-style-type: none"> <li>1) assign the project to WG19;</li> <li>2) issue, when available, the Software Engineering – High-level Petri Nets – Concepts, Definitions and Graphical Notation (formerly Revised FCD 15909) for combined WD, CD Registration and FCD ballot. The document should be accompanied by the Summary and Disposition of Comments for FCD 15909.</li> </ol>
668	<p><u>Progression of CDIF Semantic Metamodel - Part 04 Data Models (FCD 15476-04)</u></p> <p>JTC1/SC7 instructs its Secretariat to issue document when available, the New Work Item (for subdivision of 7.28) Proposal on CDIF Data Models, for a three months letter ballot, by 1st July 2002, and to copy JTC1 for information.</p> <p>The original NWI (SC7 N1001), ballot results (SC7 N1047), and subdivision resolution (Ottawa, 1994, SC7 N1220) should accompany , if available, this ballot as background information.</p> <p>If and when the NP is approved, JTC1/SC7 appoints Mr. Jun Ginbayashi (Japan) as Editor and instructs its Secretariat to:</p> <ol style="list-style-type: none"> <li>1) assign the project to WG19;</li> <li>2) issue when available the <u>CDIF Semantic Metamodel - Part 04 Data Models</u> (formerly Revised FCD 15476-04) for combined WD, CD Registration and FCD ballot. The document should be accompanied by the Disposition of Ballot Comments on FCD 15476</li> </ol>
669	<p><u>Progression of CDIF Semantic Metamodel - Part 06 State/Event Models (CD 15476-06)</u></p> <p>JTC1/SC7 instructs its Secretariat to issue when available, the New Work Item (for subdivision of 7.28) Proposal on CDIF State/Event Models, for a three months letter ballot, by 1st July 2002, and to copy JTC1 for information.</p> <p>The original NWI (SC7 N1001), ballot results (SC7 N1047), and subdivision resolution (Ottawa, 1994, SC7 N1220) should accompany , if available, this ballot as background information.</p> <p>If and when the NP is approved, JTC1/SC7 appoints Mr. Yuji Shinoki (Japan) as Editor and instructs its Secretariat to:</p> <ol style="list-style-type: none"> <li>1) assign the project to WG19;</li> <li>2) issue when available the <u>CDIF Semantic Metamodel - Part 06 State/Event Models</u> (formerly Revised CD 15476-06) for combined WD, CD Registration and FCD ballot. The document should be accompanied by the Disposition of Ballot Comments on FCD 15476-06.</li> </ol>

670	<p><u>Progression of CDIF Semantic Metamodel - Part 03 Data Definition (CD 15476-03)</u></p> <p>JTC1/SC7 instructs its Secretariat to issue when available, the New Work Item (for subdivision of 7.28) Proposal on CDIF Data Definition, for a three months letter ballot, as soon as possible after the reception of the revised base document from the editor (expected by 2002-10-31), and to copy JTC1 for information.</p> <p>The original NWI (SC7 N1001),ballot results (SC7 N1047), and subdivision resolution (Ottawa, 1994, SC7 N1220) should accompany , if available, this ballot as background information.</p> <p>If and when the NP is approved, JTC1/SC7 appoints Mr. Kiyohiko Kajihara (Japan) as Editor and instructs its Secretariat to:</p> <ol style="list-style-type: none"> <li>1) assign the project to WG19;</li> <li>2) issue when available the <u>CDIF Semantic Metamodel - Part 03 Data Definition</u> (formerly Revised CD 15476-03) for combined WD, CD Registration and FCD ballot. The document should be accompanied by the Disposition of Ballot Comments on FCD 15476-03</li> </ol>
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671	<p><u>Progression of CDIF Semantic Metamodel - Part 05 Data Flow Models (FCD 15476-05)</u></p> <p>JTC1/SC7 instructs its Secretariat to issue when available, the New Work Item (for subdivision of 7.28) Proposal on CDIF Data Flow Models for a three months letter ballot, as soon as possible after the reception of the revised base document from the editor (expected by 2002-10-31), and to copy JTC1 for information.</p> <p>The original NWI (SC7 N1001),ballot results (SC7 N1047), and subdivision resolution (Ottawa, 1994, SC7 N1220) should accompany , if available, this ballot as background information.</p> <p>If and when the NP is approved, JTC1/SC7 appoints Mr. Jean Bérubé (Canada) as Editor and instructs its Secretariat to:</p> <ol style="list-style-type: none"> <li>1. assign the project to WG19;</li> <li>2. issue when available the <u>CDIF Semantic Metamodel - Part 05 Data Flow Models</u> (formerly FCD 15476-05) for combined PDTR and DTR ballot. The document should be accompanied by the Disposition of Ballot Comments on FCD 15476-05.</li> </ol>
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## Response to IEEE Liaison Proposal

672	<p>JTC 1/SC7 expresses to IEEE CS its appreciation for its comprehensive liaison proposal (SC7 N2617).</p> <p>JTC 1/SC7 agrees in principle with the IEEE CS proposal as outlined in SC7 N2617.</p> <p>JTC 1/SC7 mandates its Secretariat to request that its Member Bodies sent their comments on the aforementioned IEEE CS proposal by 2002-09-15. JTC 1/SC7 mandates its BPG to resolve these comments and come with an initial plan that could be sent to JTC 1/SC7 members for approval at the next SC7 Plenary meeting.</p> <p>In parallel, JTC 1/SC7 request that its WG assess potential areas of cooperation with IEEE CS. Any such areas should be communicated to the BPG for consideration.</p> <p>It is expected that, while the details of a joint program with IEEE CS will be worked out, some joint-projects may be initiated.</p>
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## Response to JTC1 on IEEE 1540-2001 Fast Tracking

673	<p>JTC 1 / SC7 accepts IEEE offer for a coordinated revision of IEEE 1540-2001 (Risk Management) immediately after its fast-tracking through JTC 1. Both parties agree that the remaining comments produced through the DIS fast track process shall be used as a basis for the revision.</p> <p>Consequently, JTC 1 / SC7 instruct its Secretariat to notify the JTC 1 Secretariat that it support the fast-track.</p> <p>Disposition of comments for this fast track will be done by a Sub-Working Group part of SC7 WG9 chaired by Terry Rout (IEEE CS and Australia) (To be confirmed).</p> <p>A NWI for the revision of IEEE 1540 as published by ISO shall be circulated immediately after the conclusion of the fast-track process. This NWI shall be prepared by the SWG chaired by Terry Rout. It is understood that this NWI will be in cooperation with IEEE CS. The NWI will spell out the cooperation process with IEEE CS.</p> <p>This NWI, if successful, shall be assigned to the Sub-Working Group part of SC7 WG9 chaired by Terry Rout (Australia), with Mr. Robert N. Charette (IEEE CS) as project editor (to be confirmed).</p>
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## SC7 Consolidated Terminology and Vocabulary

674	<p>JTC 1 / SC7 instruct its Secretariat to circulate for approval, once available, a NWI (with its associated Requirements Document) on SC7 Consolidated Terminology and Vocabulary and assign it, if approved, to a new WG 22. JCT 1/SC7 appoints Perry DeWeese (USA) as its convener of the new WG once created.</p> <p>It is understood that this NWI will be in cooperation with the IEEE CS. The NWI will spell out the cooperation process with IEEE CS.</p>
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## WG 9

675	<p>JTC1/SC7 instructs its Secretariat to</p> <ol 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) Circulate for approval the NWIP for the maintenance of "ISO/IEC15026:1998 System and software integrity levels" (SC7 N2xxx) and, if approved, assign it to WG9 with Trevor King (UK) as project editor.</li> </ol> <p>JTC 1/SC7 mandate further its WG9 to negotiate with IEC TC56 a coordinated program of work, and submit it to SC 7 for approval through letter ballot before the next Plenary.</p> <p>JTC 1/SC7 also mandates its WG9 to explore possible joint-work with JTC 1/SC27. If successful, a coordinate work program plan should be submitted to SC7 for approval through letter ballot before the next Plenary.</p> <p>JTC 1/SC7 also mandates its WG9 to ensure that JTC 1/SC27 fully understand JTC 1/SC7 Program of Work and published standards. WG9 shall provide feedback to the SC7 Chair before the next JTC 1 Plenary in October 2002.</p> <p>JTC 1/SC7 instructs its WG9 to have its Interim Meeting in conjunction with WG7's.</p> <p>If all NWI ballots are unsuccessful by the next Plenary JTC1/SC7 instructs its Secretariat to disband its WG9.</p>
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## System Engineering Study Report Follow-ups

676	<p>JTC1 SC7 endorses document 07N2573 Report on the Study Group on System Engineering.</p> <p>JTC1 SC7 instructs its Secretariat and Chair to do whatever is required, working with WG7, to put in place a cooperative program with the IEEE and EIA in regard to the anticipated revisions of IEEE 1220 and EIA 632, with the understanding that the revised documents will then be fast-tracked as ISO standards. One of the objectives of the revision of these documents shall be the harmonization with SC7 standards – if required.</p> <p>If successful in the negotiation of this cooperative program, a NWI with its associated Requirements Document shall be send by WG7 for approval to SC7. This NWI shall describe the recommended cooperative process.</p>
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## Maintenance of Standards

677	<p>JTC1/SC7 instructs it Secretariat to initiate the revision of ISO/IEC 14102 as it was issued in 1995 and the five year period is over.</p> <p>This will be accomplished by:</p> <ul style="list-style-type: none"> <li>• Issuing a letter ballot once the accompanying Requirements Document has been received from WG4</li> <li>• If the letter ballot is successful, notify JTC 1 and assign the work item to WG4 with Juan Garbajosa (Spain) and Ian Hirst (Australia) as project editor.</li> </ul>
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678	<p>JTC1/SC7 instructs it Secretariat to issue a letter ballot for the revision of ISO/IEC 14143-1:1998 - Information technology - Software measurement - Functional size measurement - Definition of concepts.</p> <p>This will be accomplished by:</p> <ul style="list-style-type: none"> <li>• Issuing a letter ballot once its associated Requirements Document has been received from WG12</li> <li>• If the letter ballot is successful, notify JTC 1 and assign the work item to WG12 with Martin D'Souza (Australia) as project editor (to be confirmed).</li> </ul>
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**ABSTENTION: USA**

679	<p>JTC1/SC7 instructs its Secretariat to issue document JTC1/SC7 Nxxxx, Requirements Document, for a maintenance project for ITU-T Rec. X.901-3 ISO/IEC 10746 Parts 1-3, Reference Model for Open Distributed Processing , for a two month letter ballot, upon the recommendation of WG19 (expected from an Interim Meeting in Helsinki in October 2002).</p> <p>If the letter ballot is successful, notify JTC 1 and assign the work item to WG19 with Bryan Wood (UK) as project editor (to be confirmed).</p>
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## Project and Standards Name Change

680	JTC1/SC7 instructs its Secretariat to do whatever is necessary to change the name of its project 07.82 from “Software Engineering —COSMIC-FFP - Functional Size Measurement Method” to ““Software Engineering — COSMIC-FFP - <b>A</b> Functional Size Measurement Method”.
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681	JTC1/SC7 instructs its Secretariat to do whatever is necessary to change the title of ISO/IEC TR 19760 to “Systems engineering – Guide for ISO/IEC 15288 System life cycle processes” to make it consistent with the change to the title of ISO/IEC 15288
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## SC7 Work Program Endorsement by JTC1

682	JTC1/SC7 instructs its Secretariat to send to JTC 1 its current Work Program as described in document SC7 N2xxx for endorsement.
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## **JTC1/SC7 MANAGEMENT**

### **SWG1 - BPG**

683	<p><b><u>SC7 Business Planning Group – Special Working Group 1</u></b></p> <p>JTC1/SC7 reconfirms the intent of Resolution 642 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> <p>Mr Alain Faisandier, France Mr Doug Thiele, Australia Mr Michael Gayle, USA Dr. Y. Yamamoto, Japan</p> <p style="text-align: right;">Dr. Hans Daniel, Germany Mr Jean Bérubé, Canada</p>
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### **SC7 Architecture Management Group - Special Working Group 5**

684	<p>JTC1/SC7 reaffirms Resolution 645 and form the JTC1/SC7 Architecture Management Group as a special working group (SWG 5) with the following mandate:</p> <ul style="list-style-type: none"><li>– Elaborate and Maintain JTC1/SC7 Architecture 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 WG convener</li><li>4. Availability for meetings and assignments</li><li>5. Membership, excluding the chair and the conveners, is limited to 17</li><li>6. Recognized JTC1/SC7 expertise in one or more of the following areas:<ul style="list-style-type: none"><li>○ Software &amp; Systems Engineering</li><li>○ Software &amp; Systems Process</li><li>○ Software &amp; Systems Product</li><li>○ Measurements and Metrics</li></ul></li></ol>
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	<ul style="list-style-type: none"> <li>○ Tools, Methodologies &amp; Modeling Languages</li> <li>○ Software &amp; Systems Engineering Products (aka Data)</li> </ul> <p>The JTC1/SC7 Special Working Group on Architecture Management will be chaired by the JTC1/SC7 Chair and convened by Ms. Cheryl Jones (USA). Membership in the SWG will consists of the following members:</p> <ul style="list-style-type: none"> <li>• Jean-Philippe Lerat (France)</li> <li>• Andy Coster (UK)</li> <li>• Shigenobu Katoh (Japan)</li> <li>• TBD (Canada)</li> <li>• Jack McGarry (USA)</li> <li>• Bud Lawson (Sweden)</li> <li>• Terry Rout (Australia)</li> </ul>
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### SC7 Vision Update

685	JTC1/SC7 mandates its BPG to update document 07N1927 SC7 Vision Statement version 4.0 dated 1998-05-22 and circulate it for comments before the end of July 2002 for a 90 day letter ballot. A comment disposition and an updated document should be circulated to SC7 in time for its 2003 Plenary.
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### SC7 Framework Update

686	JTC1/SC7 mandates its SWG5 to close any remaining issues from its initial balloting and update document 07N2380 Framework ISO/IEC Software Engineering Standards. This framework should be updated to adequately reflect current SC7 Program of Work and Terms of References.
	The updated document should be circulated to SC7 no later than the end of January 2003 for the comments to be disposed of at the 2003 SC7 Plenary.

### Consistency of Standards and Terminology

687	<p>JTC 1/SC7 endorses the principle that its standards should constitute a coherent set from both a content and terminology perspective and directs its SWG 5 to investigate mechanisms for achieving this and to report at the next Plenary Meeting.</p> <p>JTC 1/SC7 instruct its Secretariat to ensure that all terminology and vocabulary deviations be clearly identified and explained in SC7 documents.</p> <p>Where content issues exist between standards or when disagreements on terminology between work items under the responsibility of different WG occurs, JTC 1/SC7 mandate that the following process be followed:</p> <ul style="list-style-type: none"> <li>• That the WGs attempt to resolve through a joint Ad Hoc</li> <li>• If the above fail, that the matter be referred to the SWG5 who will provide recommendations to the Secretariat for implementation.</li> </ul> <p>It is understood that SWG5 will liaise with the new WG 22 on Terminology and Vocabulary as required.</p>
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## Hypermedia Trial

688	<p>JTC1/SC7 reaffirms Resolution 648 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. JTC1/SC7 assigns to its SWG5 (Architecture Management Group) the responsibility to monitor future work in this area, and ensure that the results are communicated within JTC1/SC7.</p> <p>JTC1/SC7 encourages its WG 2, 6, 7,10, 19 and 20 to pursue the trial.</p>
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## SC 7 IT Infrastructure

689	JTC1/SC7 notes that its Secretariat will accept documents in Office 2000 format.
690	JTC1/SC7 instructs its Secretariat to submit a request to JTC 1 to include Excel 2000 as an acceptable medium for submitting document comments. JTC1/SC7 note it has already adopted Resolutions 574 and 588 in relation to the use of Excel for the purposes of commenting.

## SC 7 Internal Processes

691	<p>JTC1/SC7 recognize that web based voting is more efficient than the present mail-base system.</p> <p>Consequently, when the SC7 Secretariat will have in place the infrastructure for web-based voting, JTC1/SC7 agrees to convert from the present mail-based approach to a new web-based system using Excel spreadsheets for comment submission.</p>
692	<p>JTC1/SC7 request that its Secretariat notify its WG when projects are coming due for maintenance or when they may be in danger of being cancelled by ISO.</p> <p>To assist the Secretariat in this endeavour, JTC 1/SC7 request that its WG Convenors be diligent in updating the Secretariat on their project plans.</p>

693

JTC1/SC7 instruct its Secretariat to sent the following by Letter ballot to its Member Bodies, with the comments to be resolved by the BPG:

JTC1/SC7 modifies the Comment Category defined in SC 7 Resolution 478 as follows for a one year trial:

- E – Editorial
- GE - General Editorial
- GT - General Technical
- TL – Technical Low (minor)
- TH – Technical High (major)

**Importance ranking of comments shall be:**

1. GT
2. TH
3. TL
4. GE
5. E

**Editorial**

Covers grammar, missing or duplicated text, missing or incorrect cross-references, and spelling and punctuation problems.

These are matters that should be able to be resolved offline by the Project Editor.

Terminology changes are not Editorial e.g. Enterprise versus Organization.

Proposed new text should be provided to facilitate document updating.

**General Editorial**

Covers an Editorial problem that exists in many places throughout the document.

Refer to Editorial for a detailed description.

It is preferable to use specific individual references instead of this category if at all possible.

**General Technical**

Covers a Technical problem that exists in many places throughout the document.

Refer to the Technical Low category for a detailed description.

It is preferable to use specific individual references instead of this category if at all possible

**Technical Low**

Minor problems. For example, earlier Clauses (1, 2, 3), Activity/task modification or relocation.

Readability (including localization) problems should be TL. These problems are often of a more significant nature than a simple editorial change.

Proposed new text is mandatory.

**Technical High**

Major problems. For example, Definitions, Architectural (Stage, Process level), Activity/task deletion or addition.

Proposed new text is mandatory.

## Project Editors and Convenors Training

694	JTC1/SC7 instructs its Secretariat to request ISO head-office to provide at the next 2003 SC7 Plenary in Montréal (Canada) onsite training for: <ul style="list-style-type: none"> <li>• Project editors</li> <li>• Convenors</li> </ul>
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## Participation To The Program Of Work

695	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.
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## Cut-off Date for Document Issuance

696	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.
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Document Type	Cut-off Date	Ballot Start	Ballot End	Ballot Summary Report	Interim Meeting
NP, WD (60 days)	2002-08-16	2002-08-23	2002-10-14	2002-10-21	...
CD, PDTR, PDAM (3 months)	2002-07-05	2002-07-14	2002-10-14	2002-10-21	...
FCD, FPDAM (4 months)	2002-06-07	2002-06-14	2002-10-14	2002-10-21	...
Document Type	Cut-off Date	Ballot Start	Ballot End	Ballot Summary Report	Plenary Meeting
NP, WD (60 days)	2003-02-14	2003-02-21	2003-04-15	2003-04-25	<b>2003-05-12</b>
CD, PDTR, PDAM (3 months)	2003-01-10	2003-01-17	2003-04-15	2003-04-25	<b>2003-05-12</b>
FCD, FPDAM (4 months)	2002-12-06	2002-12-15	2003-04-15	2003-04-25	<b>2003-05-12</b>
Document Type	Cut-off Date	Ballot Start	Ballot End	Ballot Summary Report	Plenary Meeting
NP, WD (60 days)	2003-08-16	2003-08-23	2003-10-14	2003-10-21	...
CD, PDTR, PDAM (3 months)	2003-07-08	2003-07-15	2003-10-14	2003-10-21	...
FCD, FPDAM (4 months)	2003-06-08	2003-06-15	2003-10-14	2003-10-21	...

## Next Plenaries

697	<ul style="list-style-type: none"> <li>• JTC 1-SC7 accepts the Canadian invitation (SC7 N2631) to host the 2003 Plenary in Montréal (Canada), May 11-16</li> <li>• JTC 1-SC7 accepts the Australian invitation (SC7 N2632) to host the 2004 Plenary in Brisbane, May 9-14.</li> <li>• JTC 1-SC7 notes Finland interest in hosting the 2005 Plenary</li> </ul>
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## **APPRECIATIONS**

	JTC1-SC7 extends its appreciation to Jean-Normand Drouin for his work as Secretariat since 1997
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	JTC1-SC7 extends its appreciation to Stan Magee for his work as Convener of WG7. JTC1-SC7 extends its appreciation to Jack MacGarry for his work as Convener of WG13
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	JTC1-SC7 extends its appreciation to Alain Abran for his work as Project Editor of project 07.31.03 and 7.82 and for his significant contribution to the work of WG12
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	<ul style="list-style-type: none"> <li>• David Phillips</li> <li>• Hugo Rehesaar</li> <li>• Charles Symons</li> </ul>
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