



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

ISO/IEC JTC1/SC7 N2178

1999/07/15

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RESOLUTIONS
ISO/IEC JTC 1/SC7- SOFTWARE ENGINEERING
Curitiba Brazil 1999-05-28

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

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ORGANISATION

Administration

545.	ISO/IEC JTC1/SC7 Instructs its Secretariat to re number the following working groups WG15 ODP Frameworks and components (previously assigned to SC7/WG1) WG17 ODP Enterprise language (previously assigned to SC7/WG3) WG16 Quality of Service in ODP (previously assigned to SC7/WG5)
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Appointment of Conveners

546.	JTC1/SC7 appoints Mr Bryan Wood (UK) as convener of WG15
547.	JTC1/SC7 appoints Mr Sandy Tyndale-Biscoe (UK) as convener of WG17.
548.	JTC1/SC7 appoints Mr Perry Gonella (USA) and Mr Dan Lee (Korea) as co-conveners of WG4 subject to National Body approval.
549.	JTC1/SC7 appoints Mr Laurent Leboucher (France) as convener of the WG16
550.	JTC1/SC7 appoints Mr Jean Bérubé (Canada) as convener of WG11
551.	JTC1/SC7 appoints Mr Juan Quemada (Spain) as convener of WG14

Appointment of Project Editors

552.	ISO/IEC JTC1/SC7 appoints the following editor and co-editors: Mr Richard Hodgkinson (UK) as editor of project 07.45 Mr Vipula Godamunne (AU) as co-editor of project 07.13.01.02 (9126-2) Dr. Nigel Bevan (UK) as editor of project 07.13.01.04 (9126-4) Dr. Witold Suryan (CAN) as co-editor of project 07.13.01.04 (9126-4) Mr Stuart Arnold (UK) as sole editor of project 07.38 (ISO/IEC 15288) Mr Harry Barker (UK) as editor of project 07.29.10 Ms Catriona Mackie (UK) and Mr Kiyoshi Ogawa (JPN) as co-editors of WG10/SG11 Mr Al Graydon (CAN) and Mr Harry Barker (UK) as project co-editors of WG10/SG12 Mr Steve Masters (USA) and Mr Antonio Coletta (IT) as project co-editors of WG10/SG13 Mr Paul Rogoway (ISR) and Mr John Hamilton (UK) as project co-editors of WG10/SG14 Mr Jean-Martin Simon (FR) and Mr Clenio Figueiredo Salviano (BR) as project co-editors for WG10/SG15 Mr Peter Fagg (UK) as co-editor of Project 07.31.02 Mr Martin D'Souza (AU) as co-editor of Project 07.31.03 Mr Mitsuhiro Takahashi (JPN) and Mr David Phillips (UK) as co-editors of Project 07.31.04 Ms Mary Bradley (USA) as co-editor of Project 07.31.05 Mr Shioya Kazunori for projects 07.28.02.01, 07.28.02.02, 07.28.02.03 Mr Jean Bérubé for projects 07.28.03.05, 07.28.03.07, 07.28.03.08
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Liaison Officers

553.	<p>INTERNAL LIAISON OFFICERS</p> <p>JTC1/SC7 reaffirms the importance of liaison with the following committees, to be established or confirmed as follows:</p> <table><tr><td>ISO TC176/SC2</td><td>Dr. Yossi Winograd (USA)</td></tr><tr><td>ISO TC176/SC2 alternative</td><td>Mr Shiegenobu 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 Murraray (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 (previously SC21 WG3)</td><td>Mr. Jean Bérubé (Canada)</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 Shiegenobu 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 Murraray (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 (previously SC21 WG3)	Mr. Jean Bérubé (Canada)
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WORK PROGRAM

Work Items

554.	ISO/IEC JTC1/SC7 requests the chair to invite IEEE Computer Society to enter into category A liaison. If IEEE Computer Society accept the invitation the ISO/IEC JTC1/SC7 Secretary will distribute the appropriate documentation to National Bodies for consideration and approval as necessary.
555.	ISO/IEC JTC1/SC7 instructs its Secretariat to seek Category "A" liaison with OMG (Object Management Group).
556.	SC7 instructs its secretariat to send document (07n2174), Liaison to ITU-T Study Group 7 on collaborative work on Open Distributed Processing (ODP), to ITU-T Study Group 7.
557.	SC7 instructs its secretariat to send document (07n2175), Liaison to OMG on PAS submissions, to OMG.
558.	SC7 instructs its secretariat to take the necessary steps to cancel project ITU-T Recommendation X.912 ISO/IEC TR 14466, "Use of specification techniques".
559.	JTC1 SC7 instructs its Working Group 2 to undertake the revision of IS 9127:1988 "User documentation and cover information for consumer software packages", as the current version of the standard does not reflect current consumer needs. Mr Yoshikazu Yamamoto (JPN) is appointed project editor.
560.	SC7 instructs its secretariat to issue document (07n2176), Information Technology—Open Distributed Processing—Enterprise Language, for combined WD, CD registration and CD ballot.
561.	SC7 directs its Secretariat to forward the amended Recommendation for Revision of ISO/IEC TR 15504:1998, WG10 N287 (07n2177), to JTC1 for approval of inclusion of this item in the work schedule for SC7. Following approval, SC7 directs the Secretariat to assign the work to WG10, as project items 7.29.11, 7.29.12, 7.29.13, 7.29.14 and 7.29.15.
562.	ISO/IEC JTC1/SC7 Secretariat is instructed to change the name of its project (07.41) from "Software measurement process Framework" to "Software Measurement Process". There will be no change in project scope.
563.	ISO/IEC JTC1/SC7 instructs its Secretariat to require that New Work Item Proposals identify related knowledge areas, both within and outside of the domain of software engineering, so that usage of vocabulary and accepted terms in related domains can be readily identified early in the standards development process.
564.	ISO/IEC JTC1/SC7 instructs its Secretariat to establish the consolidated database of vocabulary and terminology developed by its SWG2 as a Standing Document of SC7, and invite comments from SC7 participants on each release of the database.
565.	SC 7/WG 7 requests that the schedule for the development of ISO/IEC 15288 be modified to accommodate the revision of ISO 9001:2000 so that publication can be achieved by third quarter 2001.
566.	SC 7/WG 7 requests that the document currently available (07n2135) for PDAM ballot be withdrawn.
567.	SC 7/WG 7 requests that Project 07.21 be sub-divided to facilitate the development of the Amendment to ISO/IEC 12207:1995.

JTC1/SC7 MANAGEMENT

SWG 1 (Business Planning Group)

568.	JTC1/SC7 instructs its Secretariat to take the necessary actions to ensure that SC7 participates in the project involving the approval of TL9000 as an ISO standard, should the NP currently being balloted at TC176 be approved.
569.	JTC1/SC7 instructs its Secretariat to seek liaison with TC184/SC4. Should the liaison be established, the liaison officer will be determined in October 1999 at the joint WG7-WG10-WG13 meeting in Nantes.
570.	JTC1/SC7 instructs its Secretariat to maintain its Working Group 9 open for a period of 12 months during which a Study Group will assess the new directions in the area of system integrity. The Study Group members will be nominated by the BPG at a later date. Member Bodies will be informed of the membership detailed directions of the Study Group by the end of October 1999. The Study Group is expected to produce a report with recommendations by the end of February 2000. Further actions on WG9 and the Liaison with IEC TC56 will be taken once the Study Group has published its report and recommendations.
571.	<p>ISO/IEC JTC1/SC7 instructs its working groups to use the following convention for naming electronic files for distribution.</p> <p>WxxNyxxx</p> <p>Were X = the WG number Y = the WG document number</p>

General

572.	ISO/IEC JTC1/SC7 requests that the Secretariat close down WG8 since its program of work has been completed. ISO/IEC JTC1/SC7 expresses its sincere thanks to all National Bodies that participated in the work.
573.	ISO/IEC JTC1/SC7 requests that all editors of projects relating to WG8 report to the Secretariat
574.	<p>Since the JTC1 Policy on Electronic Document Format does not cover certain "non text" document formats, JTC1/SC7 adopts the following document formats:</p> <ul style="list-style-type: none"> ◆ Powerpoint 97 for presentation, ◆ Excel 97 for spreadsheet, ◆ Access 97 for database.

Cut-off Date for Document Issuance

575.	The JTC1/SC7 Secretariat commits to respect the following schedule for all ballots. In this schedule, the 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 SC7 Secretariat commits to take no longer than 10 work days 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)	99/08/09	99/08/16	99/10/15	99/10/22	...
CD, PDTR, PDAM (3 months)	99/07/09	99/07/16	99/10/15	99/10/22	...
FCD, FPDAM (4 months)	99/06/09	99/06/16	99/10/15	99/10/22	...
Document Type	Cut-off Date	Ballot Start	Ballot End	Ballot Summary Report	Plenary Meeting
NP, WD (60 days)	2000/02/21	2000/02/28	2000/05/01	2000/05/08	2000/05/29
CD, PDTR, PDAM (3 months)	2000/01/24	2000/01/31	2000/05/01	2000/05/08	2000/05/29
FCD, FPDAM (4 months)	99/12/20	1999/12/27	2000/05/01	2000/05/08	2000/05/29

Study Period/Special Working Groups

576.	<p>JTC1/SC7 instructs its Secretariat to extend the Ad-hoc Working Group for the purpose of submitting comments to ISO TC176/SC2 on ISO 9001 and ISO 9004. JTC1/SC7 confirms Victoria Hailey as the convener of the Ad-hoc Working Group, with the following members:</p> <table border="0" style="width: 100%;"> <tr> <td>Shigenobu Katoh</td> <td>Japan</td> <td>Dr. Yossi Winograd</td> <td>USA</td> </tr> <tr> <td>Francoise Kandl</td> <td>France</td> <td>Terry Rout</td> <td>Australia</td> </tr> <tr> <td>Victoria Hailey</td> <td>Canada</td> <td>Marcelo Pessoc</td> <td>Brazil</td> </tr> <tr> <td>Haya Sheps-Avtalion</td> <td>Israel</td> <td>Peter Voldner</td> <td>Canada</td> </tr> <tr> <td>Risto Nevalainen</td> <td>Finland</td> <td>Antonio Coletta</td> <td>Italy</td> </tr> <tr> <td>Antonia Jeanrenaud</td> <td>Italy</td> <td>Alastair Walker</td> <td>South Africa</td> </tr> <tr> <td>Andy Coster</td> <td>UK</td> <td></td> <td></td> </tr> </table> <p>The working group is instructed to:</p> <ol style="list-style-type: none"> 1. Review aspects of system and software quality to determine the most appropriate strategy to adopt in accordance increased market focus on quality. The scope of work for the study period shall include: <ul style="list-style-type: none"> • A review of SC7's set and its relationship to aspects of quality ; • A review of the impact of TL9000 and other sector-specific and/or high-integrity system and software engineering standards on quality aspects; • A review of sector-specific technical specifications as additional requirements to ISO9001; • An investigation of the marketplace response to the pending removal of ISO9000-3 ; • Whether any work items relating to aspects of quality are justified for SC7 program of work ; • What the scope of identified work items should be based on SC7's unique requirements for quality ; • What the key interfaces with other groups in the standards community and other areas of expertise should be ; • A determination of the extent of support from national bodies for any identified work items. <p>The working group will prepare a report to include recommendations on the program of work on aspects of quality for the next Plenary meeting of SC7.</p> 2. Develop JTC1/SC7 comments on ISO/CD2 9000, ISO/CD2 9001 and ISO/CD2 9004. The Working Group will send its comments to the Secretariat and the Liaison Officer by July 20th 1999. 3. Develop JTC1/SC7 comments on ISO/CD2 9000. The Working Group will send its comments to the Secretariat and the Liaison Officer by July 20th 1999. <p>The working group will report on its activities to JTC1/SC7 at the 2000 JTC1/SC7 Plenary.</p>	Shigenobu Katoh	Japan	Dr. Yossi Winograd	USA	Francoise Kandl	France	Terry Rout	Australia	Victoria Hailey	Canada	Marcelo Pessoc	Brazil	Haya Sheps-Avtalion	Israel	Peter Voldner	Canada	Risto Nevalainen	Finland	Antonio Coletta	Italy	Antonia Jeanrenaud	Italy	Alastair Walker	South Africa	Andy Coster	UK		
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<p>577.</p>	<p>SC7 instructs its Secretariat to form a Special Working Group (SWG3) on Process Architecture with the following terms of reference:</p> <ol style="list-style-type: none"> (1) extract the fundamental SC7 life-cycle processes from the following sources: ISO/IEC 12207, ISO/IEC 15504-2, and all pertinent SC7 in-work (such as 15288) and existing standards as well as other relevant ISO and IEC standards; (2) Populate a database repository that will be made available to SC7 members through the SC7 Web site. (3) Identify contradictions and ambiguities in structure and content, (4) Suggest resolution of the contradictions and ambiguities; (5) Recommend a plan for next phase of the SWG. <p>Report on SWG activities is due on 15 September 1999. This report, with the repository, should then be sent to member bodies for comments. Preliminary processing of comments will occur at the interim joint WG meeting in Nantes, France, on 1999-10-25/29.</p> <p>The JTC1/SC7 Special Working Group on Process Architecture will be co-convened by the SC7 Chair and Mr Jim Moore (USA). Membership in the SWG will consists of the following members:</p> <ul style="list-style-type: none"> • Alain Faisandier (WG7) • Allan Graydon (WG10) • David Card (WG13) 												
<p>578.</p>	<p>JTC1/SC7 authorizes its Secretariat to establish a Study Group to investigate the need for a document or documents within the SC7 Product Plan dealing with the topic of Risk Management within the Systems and/or Software Life Cycle. The scope of work for the study period shall include:</p> <ul style="list-style-type: none"> • Whether any work items within the defined topic area are justified for inclusion in the SC7 Program of Work • What the scope of identified work items should be; • Key interfaces with other groups in the standards community and other areas of expertise; • The extent of support from national bodies for this work. <p>The study group should prepare a report to include recommendations on the program of work for the next Plenary meeting of SC7. Mr. John Phippen (USA) is appointed to convene the study group. The members of the Study Group are:</p> <table style="margin-left: 40px; border: none;"> <tr> <td>Bruce Hodgen</td> <td>Australia</td> </tr> <tr> <td>Tom McBride</td> <td>Australia</td> </tr> <tr> <td>Risto Nevalainen</td> <td>Finland</td> </tr> <tr> <td>Mario Costamagna</td> <td>Italy</td> </tr> <tr> <td>Mario Fuzani</td> <td>Italy</td> </tr> <tr> <td>David Phillips</td> <td>United Kingdom</td> </tr> </table> <p>The study group may recruit additional resources as necessary.</p>	Bruce Hodgen	Australia	Tom McBride	Australia	Risto Nevalainen	Finland	Mario Costamagna	Italy	Mario Fuzani	Italy	David Phillips	United Kingdom
Bruce Hodgen	Australia												
Tom McBride	Australia												
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Mario Costamagna	Italy												
Mario Fuzani	Italy												
David Phillips	United Kingdom												
<p>579.</p>	<p>JTC1/SC7 instruct its Secretariat to liaise with the Rapporteur Group on Conformity Assessment and Interoperability.</p>												

APPRECIATIONS

ISO/IEC JTC1/SC7 extends its appreciation to Dr Raghu Singh for his excellent and diligent work as Convener of WG7.

ISO/IEC JTC1/SC7 extends its appreciation to Mr Tom Vollman for his excellent work as convener of WG4.

JTC1/SC7 extends its appreciation to Mr Stan Magee (US) and Mr John Phippen (AUS) for their excellent work as co-conveners of WG8.

JTC1/SC7 thanks Mr George Jackelen, Project Editor of ISO/IEC 16326, Software Engineering – Guide for the Application of ISO/IEC 12207 to project management, for his work in bringing ISO/IEC 16326 to completion.

JTC1/SC7 thanks Mr Richard Schmidt, Project Editor for ISO/IEC 15288, Information Technology – System Life Cycle Processes, for his work in preparing several drafts of ISO/IEC 15288.

JTC1/SC7/WG8 Co-conveners thank all WG8 members for their diligence and co-operation during the life of WG8.

JTC1/SC 7 extends its appreciation to Mr Stan Magee for his excellent and diligent work as Interim Convener of WG 7 at the 12th SC 7 Plenary.

JTC1/SC 7 extends its appreciation to Dr Claude Vogel and Mr Doug Thiele for their excellent and diligent work as editors of ISO/IEC TR 14579 Mock up and prototype, which was recently submitted to ISO for publication.

JTC1/SC7 extends its appreciation to Ms Anna Giannetti as editor of project 07.13.01.004 (9126-4).

JTC1/SC7 extends its appreciation to the Brazilian Member Body for hosting the Twelfth Plenary meeting of JTC1/SC7 in Curitiba. Special thanks go to:

- Danilo Scalet
- Marisa Cardoso Marques
- Cristina Filipak Machado

for their efforts in the preparation of the meeting.

JTC1/SC7 extends its appreciation for the excellent administrative support provided at the Twelfth Plenary meeting by the support staff:

- Lislaine Gracinda Dias
- Cristina Ângela F. Machado
- Marisa Cardoso Marques
- Marcelo Caldeira
- Helenice Medeiros
- Carlos Eduardo da Costa
- Rafael Pindola
- Ivan de Barros Ravedutti

JTC1/SC7 extends its appreciation to the corporate sponsors of the Meeting:

- Celepar - Cia de Informática do Paraná
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- CITS - Centro Internacional de Tecnologia de Software