ISO/IEC JTC1/SC7 N3535

2006-06-10

Doc. Type	Resolutions
Title	Resolutions – JTC 1/SC7 Plenary Meeting, Bangkok, Thailand, May 15-19 2006.
Source	JTC1/SC7 Secretariat
Project	
Status	Final
References	
Action ID	FYI or ACT
Distribution	SC7_AG, JTC1 Sec.
Medium	Acrobat
No. Of Pages	22
Note	See N3534 for the Roll Call and N3531 for the attendance list

PLENARY MEETING RESOLUTIONS
ISO/IEC JTC1/SC7- SOFTWARE and SYSTEMS ENGINEERING
Bangkok, Thailand - 2006-05-14,19

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

APPOINTMENTS AND LIAISONS

Appointment of Project Editors

879.	JTC1/SC7 appoints the following editors: - George Hayhoe (USA) as co-editor of ISO/IEC 26514 - Dick Kitterman as the Project Editor for ISO/IEC TR 24748 - Garry Roedler as the Project Editor for ISO/IEC 15288 - Enrico Viola (Italy) as co-editor of ISO/IEC 25012: Data quality model. - Jean-Marc Desharnais (Canada) as co-editor of ISO/IEC 25023: External quality measurement. - Kenichi Sakamoto (Japan) as co-editor of ISO/IEC 25024: Quality in use measurement. - Michael Krueger (U.S.) as co-editor of ISO/IEC 24766 - Kazunori Shioya (Japan) as editor for the revision of ISO/IEC 14102 - Kazunori Shioya (Japan) as co-editor for the revision of ISO/IEC 14471 - Jonathan Billington (Australia) as project editor of the 15909 (Petri-net) series of standards; - Ekkart Kindler (Germany) as document editor for 15909 part 2 Transfer Format; - Antonio Vallecillo (Spain) and Bryan Wood (UK) as co-editors for the revision of ITU-T Rec. X.902-903 | ISO/IEC 10746, Information technology – Open Distributed Processing – Reference model - Ms Cheryl Jones as the Co-Editor for ISO/IEC 15288 - Mr Anatol Kark as the Co-Editor for ISO/IEC 12207 - Mr. Andy Coster as a co-editor to the project 24783	

Liaisons

880.	**INTERNAL LIAISON OFFICERS** JTC1/SC7 reaffirms the importance of liaison with the following committees, to be established or confirmed as follows: ISO TC176/SC2 Mr Shigenobu Katoh (Japan) ISO TC176/SC3 Mr Shigenobu Katoh (Japan) IEC TC 56 OPEN IEC TC65/SC65A OPEN IEC TC 62 Mr. Antonio Coletta (Italy) ISO TC 120 OPEN ISO TC 159/SC4 Dr. Jonathan Earthy (UK) ISO TC 176/SC1 OPEN ISO TC184/SC5 Dr. Ovidiu Noran (Australia) ISO TC210 Mr. Alec Dorling ISO/IEC JTC1/SC22 Mr. James Moore (USA), Lead Liaison, and Dr. Kiyoshi Ogawa (Japan) ISO/IEC JTC1/SC27 Mr. James Moore (USA), Lead Liaison, and Mr. Satoshi Fushimi (Japan) ISO/IEC JTC1/SC32 Mr. Jean Bérubé (Canada)	

	JTC 1/SC7 also appoints David Kitson (WG22 Convener) as its Rapporteur to the JTC1 Ad Hoc Group on the IT Vocabulary	
	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.	
881.	JTC 1/SC 7 requests its Secretariat to contact the International Systems Security Engineering Association (ISSEA) to determine whether there is interest in continuing the liaison.	WG7
882.	JTC1/SC7 instructs its secretariat to do whatever is necessary to establish a category C liaison between WG12 and ISBSG (International Benchmarking Standards Group) and to send to JTC1 the statement of benefits (N3519) for endorsement.	WG12
883.	JTC1/SC7 instructs its Secretariat to communicate to ITU-T the liaison statement (SC7N3518)	WG19
884.	SC 7 Instructs its Secretariat to establish a Category B external liaison with the CEN Workshop on Document Processing for Accessibility (CEN/ISSS WS DPA) as per document N3492	WG2

Sponsorship of ARO status for OMG

| 885. | JTC1/SC7, as sponsor of OMG, instructs its Secretariat to communicate to JTC1 the application (SC7N3517) proposing the OMG to be awarded the status of an Approved Referenced Specification Originator (ARO) Organization. | WG19 |

Modelling Languages and JTC 1/SC22/WG9

886.	JTC 1/SC7 has received the suggestion of JTC 1/SC22/WG9 that "JTC1 work on modeling languages and automatic code generation should be transferred to SC22."	WG19
	In response, SC7 notes that modeling languages support the entire range of system and software engineering activities. The standards that describe modeling languages have a rich set of relationships with the other standards of SC7. Moving the work to SC22 would complicate harmony among the relevant standards rather than simplify it.	
	However, SC7 notes that code generation by modeling languages is a legitimate subject for treatment by SC22/OWGV in its project on programming language vulnerabilities.	
	To pursue this concern, SC7 offers Cesar Gonzalez-Perez (ESI) as a liaison representative to participate in SC22/OWGV.	

JTC 1/SC27 Liaison

| 887. | JTC 1/SC7 endorses document 07N3498 as correctly representing its position regarding harmonization of standards between SC7 and SC27 | |

Risk Management Standards

888.	JTC1/SC7 is concerned about the proliferation of risk management standards projects within JTC1, IEC and ISO. These projects include work in:	
	1. ISO Technical Management Board (N3454)	
	2. ISO/IEC JTC 1/SC 27 (N3530)	
	3. Other Technical Committees and Subcommittees of ISO, IEC, and JTC1 (N3532, N3533).	
	JTC 1/SC7 is also concerned that these projects are not acknowledging existing SC7 standards in this area, notably ISO/IEC 16085.	
	JTC 1/SC7 thus mandates James Moore (USA) to:	
	1. Serve as the SC7 liaison officer to these projects	
	2. Consult with appropriate officers of SC7	
	3. Provide timely comments to these organizations on their documents (with copies to the SC7 Secretariat)	

WORK PROGRAM

Work Items

889.	JTC 1/SC 7 instructs its Secretariat to distribute ISO/IEC 15939 *Measurement process* for FCD (Accelerated) Letter Ballot subject to receipt of a final revised document and Resolution 602 compliance statement.	WG7
890.	JTC 1/SC 7 instructs its Secretariat to distribute ISO/IEC 12207 *Software life cycle processes* for CD Letter Ballot subject to receipt of a final revised document and Resolution 602 compliance statement.	WG7
891.	JTC 1/SC 7 instructs its Secretariat to distribute ISO/IEC 15288 *System life cycle processes* for CD Letter Ballot subject to receipt of a final revised document and Resolution 602 compliance statement.	WG7
892.	JTC 1/SC 7 instructs its Secretariat to distribute ISO/IEC 24748 WD.3 *Guide for life cycle management* for information only subject to receipt of a final revised document. Note: It is intended that this document be available for reference during the ballots of ISO/IEC 12207 CD and ISO/IEC 15288 CD.	WG7
893.	JTC 1/SC 7 instructs its Secretariat to distribute ISO/IEC 24774 *Guidelines for process definition* (WG 7 N0940) PDTR Letter Ballot subject to receipt of a final revised document and Resolution 602 compliance statement. Note: This supersedes the document WG 7 N0913 that was previously submitted to SC 7 but was never distributed for ballot.	WG7
894.	JTC 1/SC 7 expresses concern at the delay in the publication of ISO/IEC 14764 *Software maintenance* which was submitted by the Project Editor approximately one year ago	WG7
895.	JTC1/SC7 requests its Secretariat to submit the Corrigendum to IS 14143-1:1998 to JTC1 for immediate publication to correct editorial defects & technical defects under provisions of Clause 15.4 of the JTC1 Directives. Consensus on the disposal of technical comments was achieved and Australia changed its vote to 'Approve'. JTC1/SC7 further requests its Secretariat to request ISO to re-publish IS 14143-1 with the impact of the DCOR implemented.	WG12
896.	JTC1/SC7 instructs its Secretariat to issue a combined WD and CD registration ballot for the ISO/IEC 15504-6: Information technology – An exemplar system life cycle process assessment model, when it is received by the Secretariat with the appropriate documentation.	WG10
897.	JTC1/SC7 instructs WG6 Convener, ISO/IEC 25000 project editor and ISO/IEC 25021 project editor and co-editors to revise ISO/IEC DTR 25021 based on DTR ballot comments for further clarification, and forward it for TR publication. SC7 also instructs its secretariat to take whatever necessary action for this purpose.	WG6
898.	SC 7 instructs its Secretariat to do whatever is necessary to initiate a concurrent CD Registration and 1st CD ballot of ISO/IEC CD 26514 when the documents have been received by the Secretariat with the appropriate documentation.	WG2
899.	SC 7 instructs its Secretariat to do whatever is necessary to initiate the CD Registration and 1st CD ballot of ISO/IEC CD 26511 when the documents have been received by the Secretariat with the appropriate documentation.	WG2
900.	JTC1/SC7 instructs its Secretariat to issue a 2nd FCD ballot for the revision of ISO/IEC 14102:1995 Information Technology -- Guidelines for the evaluation and selection of CASE tools when it is received by the Secretariat with the appropriate documentation.	WG4
901.	JTC1/SC7 instructs its Secretariat to issue a DTR ballot for the revision of	WG4

	ISO/IEC TR 14471:1999 Information Technology -- Guidelines for the adoption of CASE tools when it is received by the Secretariat with the appropriate documentation	
902.	JTC1/SC7 instructs its Secretariat to issue an FCD ballot of ISO 18018 (Information Technology - Configuration Management Tool Requirements) when it is received by the Secretariat with the appropriate documentation.	WG4
903.	JTC1/SC7 instructs its Secretariat to issue a combined WD, CD registration and CD ballot of ISO/IEC 24766 (Information Technology – Requirement Engineering Tool Requirements when it is received by the Secretariat with the appropriate documentation.	WG4
904.	JTC1/SC7 instructs its Secretariat to issue ballot for the following document: CD2: ISO/IEC 19509 Part 2 High-level Petri Nets - Transfer Format if the above document meets the requirements for second CD ballot and when they are received by the Secretariat.	WG19
905.	JTC1/SC7 instructs its Secretariat to issue ballot for the following document: FCD: ITU-T Rec. X906 | ISO/IEC 19793 Information technology — Open distributed processing — Use of UML for ODP system specifications if the above document meet the requirements for final CD ballot and when they are received by the Secretariat with the appropriate documentation.	WG19
906.	JTC1/SC7 instructs its Secretariat to issue for ballot the following documents: PDAM2: ISO/IEC 15909 Part 1 AMD-1 High-level Petri Nets if the above document meet the requirements for second PDAM ballot and when they are received by the Secretariat with the appropriate documentation.	WG19
907.	JTC1/SC7 instructs its Secretariat to issue for ballot the following documents: FDIS: ISO/IEC 24744 –Software Engineering - Metamodel for Development Methodologies if the above documents meet the requirements for FDIS ballot and when they are received by the Secretariat with the appropriate documentation.	WG19
908.	JTC1/SC7 instructs its Secretariat to issue a combined WD, CD registration and CD Ballot for P24765, Systems and Software Engineering Vocabulary when it is received by the Secretariat with the appropriate documentation.	WG22
909.	JTC 1/SC 7 instructs its Secretariat to distribute TR24783 *Guidelines for the application of ISO9001 to System Life Cycle Processes* (WG 23 N010) PDTR Letter Ballot subject to receipt of a final revised document and Resolution 602 compliance statement.	WG23

Revision of ISO/IEC 25961

910.	JTC 1/SC 7 instructs its Secretariat to circulate for letter ballot, once available, a New Work Item Proposal and associated documents to revise ISO/IEC 25961 (N3529), the result of the fast-track balloting of IEEE Std 1471. If and when the NP is approved, JTC 1/SC 7 instructs its Secretariat to: • Assign the project to a new Working Group 42, with terms of reference as described in N3528. • Appoint as convener, Mr. Johan Bendz (Sweden), subject to confirmation by the national body	SWG5

| | It is understood that the progress and staffing of the working group will be reconsidered following one year of operation, and that, as a result, its work may be reassigned.

The project will be coordinated with the IEEE Computer Society under the terms of the coordinated development process (sections 3 and 4 of SC 7 N2860).. | |

Subdivision of NWI for ISO/IEC 20000

| 911. | JTC 1/SC7 approves the sub-division of the project 20000, revision of ISO/IEC 20000 Parts 1 and 2 to include a new part of the standard dealing with scoping, applicability and conformance demonstration activities and asks the SC7 Secretariat to seek JTC1 approval of this sub-division. The reason for this request is that after consideration of the material submitted in response to the NWI to revision ISO/IEC 20000, SC7 considers that scoping, applicability and conformance demonstration activities should form a separate new part of the standard rather than being incorporated with the revised Parts of 1 and 2. | WG25 |

NWI

| 912. | Since project ISO 15026 has not reached Stage 3 in the two years allowed by the JTC1 directives, JTC1/SC7 note that the original NP is technically cancelled. JTC1/SC7 mandates its WG09 to prepare a new NP that would include WD 15026.5 as a base document and adhere to the Study Group on Assurance recommendations (N3239). JTC1/SC7 instructs its Secretariat to ballot this NP once received and, if successful, assign it to its WG 7. | WG9 |
| 913. | JTC 1/SC 7 instructs its Secretariat to circulate for letter ballot, once available, a New Work Item Proposal and associated documents for a standard on "Systems and software engineering – Software Asset Management Tag".
If and when the NP is approved, JTC 1/SC 7 instructs its Secretariat to:
• Assign the project to Working Group 21
• Appoint as project editor: Mr Björn Westerlund (Sweden)
• Allocate standard number 19770-2 | WG21 |
| 914. | JTC1/SC7 instructs its Secretariat to circulate, a New Work Item Proposal for an amendment to IS 19761 (N3514) for a three month letter ballot, and to copy JTC1 for information.
If and when the NP is approved, JTC1/SC7 instructs its Secretariat to assign the project to working group WG12 and to request that the document resulting from the NWI becomes a new version of IS 19761.
JTC1/SC7 appoints Peter Fagg (UK) as Editor, and Pam Morris (Australia) as co-editor. | WG12 |
| 915. | JTC1/SC7 instructs its Secretariat to circulate for letter ballot, once available, a New Work Item Proposal and associated documents for a standard; "Information Technology – Tools and Methods of Requirement Engineering and Management for Product Lines." (N3521). | WG4 |

	If and when the NP is approved, JTC1/SC7 instructs its Secretariat to:	
	• Assign the project to Working Group 4 • Appoint as project editors: Dr. Timo Käkölä (Finland) Dr. Byong-Gul Lee (Korea) Mr. Michael Krueger (U.S.)	
916.	JTC 1/SC 7 instructs its Secretariat to distribute a *New Work Item Proposal on Requirements Engineering* SC 7 N3513 (WG 7 N0942) for Letter Ballot. If this New Work Item is approved, JTC 1/SC 7 instructs its Secretariat to assign the New Work Item to SC 7/WG 7 (and distribute it to JTC 1). The project would be coordinated with the IEEE Computer Society under the terms of the coordinated development process (sections 3 and 4 of SC 7 N2860).	WG7

AS8015:2005 Fast Track

917.	JTC 1/SC7 invites the Australian National Body to submit its national standard AS 8015:2005, (N3463) Corporate Governance of Information and Communication Technology for processing under the fast-track procedures of ISO/IEC JTC1. Comments from the fast-track, if any, will be reviewed by the SC7/Study Group on ICT Governance.	Australia

INCOSE the *Systems Engineering Handbook*

918.	JTC 1/SC7 invites the United States National Body to submit a New Work Item Proposal for the processing of the INCOSE Systems Engineering Handbook (Version 3) as a Technical Report. If approved, the work item will be assigned to SC7/WG20.	WG7 & WG20

BS7925, IEEE 1008 and IEEE829

919.	ISO/IEC JTC 1/SC7 invites the UK national body to submit its national Standards: BS7925-1:1998 Software testing. Vocabulary BS7925-2:1998 Software testing. Software component testing and the IEEE-CS to submit its Standards: IEEE 1008-1987(R2003) IEEE Standard for Software Unit Testing IEEE 829-1998 IEEE Standard for Software Test Documentation and a New Work Item proposal to develop a new international Standard on Software testing using these four documents as base documents.	UK, IEEE-CS

Study Groups and Organization

920.	JTC1/SC7 endorse the Study Group Report on TR 14143-3 (N3443), confirms the decision to continue the document as a TR and to review its status in due course, but at a minimum within three years as per JTC1 Directives.	WG12
921.	JTC1/SC7 endorse the Study Group Report on TR 14143-4 (N3487), confirms the decision to continue the document as a TR and to review its status in due course, but at a minimum within three years as per JTC1 Directives.	WG12

Title and Terms of Reference of WG19: Techniques for Specifying IT Systems

| 922. | JTC1/SC7 instructs its Secretariat to modify the title and terms of reference of its WG19 as follows:

The development of standards to enable the integration of business and IT system specifications, and to facilitate the provision of software and system engineering tools and techniques to implement information systems. Fundamental to this objective is the recognition that information systems must be realized in an environment where data and processing are distributed across heterogeneous IT resources and multiple organizational domains.

Notes:

In accordance with this objective, WG19 is responsible for standards for rigorously specifying information systems covering:

1. architectural frameworks for distributed processing systems, defining the structure of system specifications for both complete systems and for specific areas such as naming, security and conformance assessment;

2. metadata and representations of data for communication by both humans and machines, and the definition of the corresponding interfaces, such as data interchange formats;

3. modeling languages for expressing specifications of systems and their integration and distribution, and rules for relating different specifications;

4. functions to support distributed system operation;

It ensures the evolution of the standards portfolio by:

a. developing standards and technical reports;
b. facilitating the processing of PAS and Fast-Track documents in its areas of work;
c. providing the focal point for collaborative work with OMG and ITU-T on its areas of work, and with other organizations if required (e.g. IEEE).
. | WG19 |

Title and Terms of Reference of WG2

923.	SC 7 instructs its Secretariat to change the title and scope of Working Group 2 as follows: Title: Software **and** Systems Documentation, Scope: Development of standards for the documentation of software **and** systems. NOTE: This is for alignment with the SC 7 title and scope	WG2

Study Group on ICT Governance

924.	JTC 1/SC7 instructs its Secretariat to establish a study group to investigate the possibility of additional standards or guidance in the area of ICT Governance. As part of the scope of this study group, the direction of future activities will be determined. This scope is contained in the area of software and systems engineering. The Study Group shall take into consideration: Consistency with existing SC7 standards that cover the area of, or have a relationship with, ICT Governance • ISO/IEC 16085 • ISO/IEC 20000 And: • ISO 9000 • ISO 27000 • ISO 14000 And: • AS 8015 (N3463) • AS/NZ 4360 • COBIT There are several organizations that are working in this area that should be investigated for possible liaisons: • ISACA and ITGI • TC 207 • itSMFi • Other interested SCs within JTC1 The study group shall make recommendations on changes to existing standards/guidance and/or the creation of new standards or TR. Its membership will consist of: • Alwyn Smit, South Africa • Alec Dorling, UK • Ian Hirst, Australia	WG25

	• Alison Holt, New Zealand • David Keech, UK • Jenny Dugmore, UK • Melanie Cheong, South Africa • Beatrix Barafort, Luxembourg • Jyrki Lahnalahti, Finland • Marc Taillefer, Canada • Fred Hoberg, South Africa • Ed Lewis, Australia • Craig Pattison, itSMFi • Darcie Destito, US • Gargi Keeni, India • Hiroshi Koizumi, Japan Additional members can be added until 2006-09-15. Nominations must be sent to the SC7 secretariat. This study group will be chaired by Alison Holt (New Zealand) and co-chaired by Ed Lewis (Australia) and will submit a report by 2007-04-15. The study group will meet concurrently with WG25.	

Study Group on Software and Systems Benchmarking and Measurement

| 925. | JTC 1/SC7 instructs its Secretariat to establish a study group to:
    •Investigate the possibility of adopting or developing standards or guidance in the area of Software and Systems Benchmarking and Measurement.
    • Assess how SC7 standards address benchmarking and software and systems measurement issues
    • Look at harmonizing current industry standards such as the draft ISBGS Benchmarking standard into ISO standards

The Study Group shall take into consideration work already completed or in progress by the following types of groups:
• ISBSG - International Software Benchmarking Standards Group (www.ISBSG.org)
• APQC – American Productivity and Quality Centre (www.apqc.org)
• SPEC Standards Performance Estimation Corporation (www.spec.org)
• SEI Benchmarking Study (www.sei.cmu.edu)
• UKSMA – UK Software measurement association (www.uksma.co.uk)
• MeLLow -- Meta-Level Learning for sOftWare effort (http://dec.bournemouth.ac.uk/ESERG/MeLLow/metalevel_mellow_home.html)
• IFPUG – International Function Point Users Group (www.ifpug.org)
• FiSMA – Finnish Software Measurement Association (www.fisma.fi)

The study group shall make recommendations on changes to existing | WG 12 |

	standards / guidance and/or the creation of new standards or TR. Its membership will consist of:
	
	    • Gargi Keeni (India)
	    • David Zubrow (USA)
	    • Jean-Marc Deharnais (Canada)
	    • Tony Rollo (COSMIC)
	    • Carol Dekkers(USA)
	    • Mitsuhiro Takahashi (Japan)
	    • Eberhard Rudolph (Germany)
	    • Serge Oligny (Canada)
	    • Insoo Hwang (Korea)
	    • Pam Morris (Australia)
	    • Marie O'Neill (Ireland)
	    • Peter Fagg (UK)
	    • Pekka Forselius (Finland)
	    • Terry Rout (Australia)
	    • Yuan Yu Yu (China)
	    • Jonathan Earthy (UK)
	
	Additional members can be added until 2006-09-15. Nominations must be sent to the SC7 secretariat. The study group encourages the participation of large industry benchmarking organizations.
	
	This study group will be chaired by Pekka Forselius (Finland), and co-chaired by Eberhard Rudolph (Germany) and will submit a report by 2007-04-15 to SC7.
	
	The study group will meet in Seoul, Korea the week of September 15, 2006 co-located with the annual workshop of the International Software Benchmark Standards Group.	

Study Group on Software Product Quality Evaluation Module

926.	JTC1/SC7 instructs its Secretariat to establish a study group to document Software Product Quality Evaluation Module. The terms of reference of this Study Group is to:
	• Investigate the possibility of documenting an Evaluation Module under ISO/IEC 25041 (currently published as 14598-6) in the area of the reliability characteristic and the recoverability sub-characteristic
	
	Its membership will consist of :
	    o Jogen Boegh, Denmark
	    o Ota Novotny, Czech Republic
	    o Keum-Suk Lee, Korea
	    o Peter Shum, Canada
	    o Kenichi Sakamoto, Japan
	    o Vipula Godamunne, Australia
	
	Additional members can be added until 2006-06-30. Nominations must be sent to the SC7 secretariat.
	
	This study group will be chaired by Vipula Godamunne (Australia).
	
	The study group will submit a report by 2006-10-15 to SC7.
		WG6

Study Group on Review of TR 14143-5 – Functional Size Measurement

| 927. | JTC1/SC7 instructs its Secretariat to establish a study group to review TR 14143-5:2002 Information Technology – Software Measurement - Functional size measurement – .

The terms of reference of this Study Group are to:

- To what extent is the applicability of this standard broader than its use for Functional Size Measurement
- To what extent have Functional Domain concepts matured to allow this TR to be transformed into an IS

Its membership will consist of (but is not limited to):

 Eberhard Rudolph(Germany), Marie O'Neill(Ireland), Alison Holt (New Zealand), Pekka Forselius(Finland), Mitsuhiro Takahashi(Japan), Serge Oligny(Canada), Insoo Hwang(Korea), Tony Rollo(COSMIC), Pam Morris(Australia).

Additional members can be added until 2006-09-30. Nominations must be sent to the SC7 secretariat.

This study group will be chaired by Carol Dekkers (US) and will submit a report by 2007-01-31 to SC7. | WG12 |

Winding Down of Working Group 12

| 928. | JTC1/SC7 thanks the members of WG12 for their contribution to developing 10 documents (IS and TR) during its existence, and recommends that when the current maintenance reviews are completed, the Working Group should cease to function. It is anticipated that the final meeting will take place at the St. Petersburg Plenary in 2007. | WG12 |

Closure of Working Group 9

| 929. | WG-9 has experienced declining and inconsistent participation and meeting attendance during the last four years. Consequently, insufficient resources are available to sustain a successful program of work.

JTC 1 / SC7 instruct its Secretariat to close its WG-9 at the conclusion of the 2006 Bangkok plenary and transfer its two remaining projects as follows:

- FDIS 16085.2 is transferred to WG-7 for FDIS balloting and maintenance

- WD 15026 is transferred to WG-7 for further development contingent upon successful balloting of the NWI in accordance with | WG9 |

| | Resolution #912

WG-9 members currently working on WD 15026 will join WG-7 and complete the project.

SC7 extends its appreciation to those WG-9 members, past and present, who have contributed to the program of work. | |

Resolution on JWG between ISO TC159/SC4 and JTC1/SC7 on the Common Industry Format for Usability

| 930. | ISO/IEC JTC1/SC7 requests authorization from JTC1 to establish a JWG between ISO TC159/SC4 and JTC1/SC7 on the Common Industry Format for Usability. The JWG will be administered by SC7.

The proposal for the Joint Working Group (JTC1/SC7 N3431) and the associated new work item (JTC/SC7 N3425) have been approved by both JTC1/SC7 (JTC1/SC7 N3425) and ISO TC159/SC4 (TC159/SC4 N1017).

The USA has nominated Mary Theofanos as convener. If the JWG is authorised the first meeting is planned to be held at NIST in Gaithersburg, USA, August 24-25 | WG6 |

SC7 Work Program Endorsement by JTC1

| 931. | JTC1/SC7 instructs its Secretariat to send to JTC 1 its current Work Program for endorsement. | |

Freely available SC7 standards

| 932. | JTC1/SC7 requests its Secretariat to do whatever is necessary to make 14143-6 freely available. It contains no normative text, is a Guide to the Functional Size Measurement suite of standards and will improve the marketability and visibility of the suite of standards, in accordance with SC7 Resolution 750 at the Montreal Plenary. | WG12 |
| 933. | JTC1/SC7 instructs its secretariat to take whatever necessary action for making ISO/IEC 25000: Guide to SQuaRE public available as a navigator for purchasing 25000 series documents. | WG6 |

Maintenance of Standards

| 934. | "ISO/IEC JTC1/SC7 instructs its Secretariat to do whatever is necessary to update the editorial cross-references in Annex B and Annex C of 14143-2, to reflect the changes to 14143-1, based on a defect report from WG12 when that is available." | WG12 |

JTC1/SC7 MANAGEMENT

Resolution on update of SC7 Terms of References

935.	To better reflect its Program of Work as explained in document N3512, JTC 1/SC7 mandates its Chairman and Secretariat to do whatever is necessary to update its Terms of References to: *Standardization of processes, methods and supporting technologies for the engineering and management of software and systems throughout their life cycles.* *Note: The processes and technologies are within the scope of JTC1 terms of reference and exclude specific technologies that have been assigned by JTC1 to other of its SCs."*	

Correction to SC7 Title

936.	JTC 1/SC 7 approves a correction to its title as "Software and Systems Engineering"	

SC7 internal balloting

937.	JTC1/SC7 instructs its Secretariat to take whatever action necessary to convert to the ISO electronic balloting system as of the 1st of June 2006. The NBs of P members should use their Livelink accounts to cast ballots. The instruction document on electronic balloting will be available on SC7 Web site.	

Convener Certification of Documents Sent to SC7 Secretariat

938.	JTC1/SC7 re-affirms resolution 806 and instructs its Working Group Conveners to certify that all documents are complete and drafted in accordance with the Editing Directives before sending them to the SC7 Secretariat for processing.	

Participation to the Program of Work

939.	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.	

SWG1 - Business Planning Group (BPG)

940.	**SC7 Business Planning Group – Special Working Group 1** JTC1/SC7 reconfirms the intent of prior Resolutions and forms the JTC1/SC7 Business Planning Group (BPG) as a special working group (SWG 1) with the mandate to: 1. Support the Chair in the elaboration of directions and policies. 2. Assist the chair in the prompt resolution of issues.	

| | 3. Propose update to the JTC1/SC7 business plans and procedures.
4. Propose updates to JTC1/SC7 communications function.
5. Prepare procedures and organization responsibilities to ensure an integrated strategy planning, business planning, and management systems for JTC1/SC7.

The Business Planning Group will be under the direction of the JTC1/SC7 Chair, with the Secretariat as one of its member. Members will be nominated by the Chair and confirmed at each Plenary meeting.

Criteria for membership are:
1. At least 5 years of JTC1/SC7 active participation.
2. Availability to participate to BPG meetings in and outside of the Plenary.
3. Membership in the JTC1/SC7 AG.
4. No more than one representative per country.
5. The Chair and Secretariat are permanent members.

The BPG reports to the AG.

The SWG 1 membership shall be composed of:

Mr. Antonio Coletta, Italy   Dr. Dan Lee, Korea
Mr Doug Thiele, Australia   Mr Mike Gayle, USA
Mr Jean Bérubé, Canada   Prof. Alastair Walker,South Africa
Dr. Y. Yamamoto, Japan   Mr. Risto Nevalainen, Finland | |

SC7 Standards Management Group - Special Working Group 5

| 941. | JTC1/SC7 reaffirms prior Resolutions and form the JTC1/SC7 Standards Management Group as a special working group (SWG 5) with the following mandate:
• Elaborate and Maintain JTC1/SC7 SWG5 standing documents
• Provide counsel to JTC1/SC7 Conveners and editors on standards management and vocabulary consistency issues
• Recommend to JTC1/SC7 standard maintenance strategies
• Report on its activities to the JTC1/SC7 BPG and AG
• Include in its scope the IEEE systems and software engineering standards collection

Criteria for membership are:
1. At least 5 years of JTC1/SC7 active participation
2. Not a member of SWG 1 – BPG
3. Preferably not a WG convener
4. Availability for meetings and assignments
5. Membership, excluding the SC7 chair and the WG conveners, is limited to 9 including the SWG-5 convener.
6. Recognized JTC1/SC7 expertise in one or more of the following areas:
    • Software & Systems Engineering
    • IT Operations
    • IT Governance
    • Software & Systems Process | SWG5 |

| | • Software & Systems Product
• Measurements
• Tools, Methodologies & Modeling Languages
• Software & Systems Engineering Products (aka Data)

The JTC1/SC7 Special Working Group on Standards Management will be chaired by the JTC1/SC7 Chair and convened by Mr. Mike Gayle and co-convened by Ms. Cheryl Jones (USA). Membership in the SWG will consist of the following members:

• Kiyoshi Ogawa (Japan)
• David Kitson (USA)
• Bud Lawson (Sweden, INCOSE)
• Terry Rout (Australia)
• James Moore (IEEE-CS)
• Peter Fagg (UK)
• Serge Oligny (Canada) | |

942.	JTC1/SC7 instructs its Secretariat to investigate the availability of the 42000-series of ISO/IEC standards and if available take action to reserve this series for future standards produced by the proposed new SC7 WG on Architecture.	
943.	JTC1 SC7 takes note of JTC1 Banff resolution 37 on Intelligent Systems and assigns the task of investigating this to SWG5 and report to SC7 at its plenary in May 2007.	
944.	SC7 instructs the Secretariat to distribute the SWG5 document, Framework for ISO/IEC System and Software Engineering Standards, for distribution.	

Resolution on updates to JTC 1 Directives

| 945. | JTC 1/SC7 is concerned that some recent updates to the JTC 1 directives increase the administrative burden on the management of its SC without producing any added value. Noteworthy are:
▪ The criteria that 50% of P member must vote to make a ballot valid (JTC 1 N8110 recommendation 13) without providing any incentive to P members to do so.
▪ The recommendation that detailed meeting minutes be taken (JTC 1 N8110 recommendation 7 and clause 7.10.4 of the JTC 1 directives)
▪ Some of the modifications to Annex HG of the JTC 1 directives on Web Server Policy (JTC 1 N8105) such as the one (item 4b) requiring that a register of all SC documents be maintained on the server regardless of its issue date.

JTC 1/SC7 urges JTC 1 to reconsider these items, and mandate its Chairman and Secretariat to do whatever is necessary to convey this position to JTC 1. | SC7 |

Facilities and Events Fees

946.	Given the low amount of funding for Plenary and meeting hosting available from many National Bodies, and the significant facilities costs incurred in the hosting of these meetings, 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 facilities and events fees to delegates.
	JTC 1/SC7 also recognizes that this approach will also provide the opportunity to small countries and developing countries to be able to host SC7 plenary and interim meetings.
	This approach has already been used in the last twelve years for many JTC1/SC7 interim and plenary meetings. JTC1/SC7 thus reaffirms its Resolution 625, 805 and 875.
	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:
	• The host shall use the terminology of the JTC 1 directives to describe its fees.
	• The host organization shall notify the JTC1/SC7 Secretariat if any fees may be charged when it agrees to host a meeting.
	• The approximate level of fees should be advised to the JTC 1/SC 7 Secretariat in time for announcement at the immediately prior SC 7 Plenary.
	• The facilities and events fees 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.
	• The level of the fees and the payment process and options shall be clearly documented in the meeting registration material.
	• A receipt for the facilities and events fees shall be provided to delegates upon request at the meeting.
	• Credit card payment should be accepted.
	• If a delegate refuses to pay facilities and events fees, he/she cannot be denied access to the meetings as per clause 7.4.3.2.1 .of the JTC 1 directives.
	• To facilitate the processing of delegates expenses reports and given that accounting rules varies from country to country, a receipt bearing the name 'Meeting Fees' or bearing the name 'Facility Fees' shall be available to all delegates. In the latter case, other fees such as meals should appear on the receipt in a segregated fashion.
	Facilities fees should not exceed Swiss Franc (CHF) 260, if possible.

Cut-off Date for Document Issuance

947.	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.

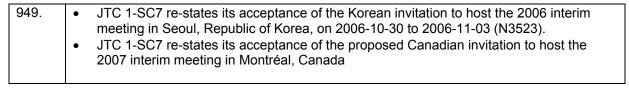| Document Type	Cut-off Date	Ballot Start	Ballot End	Ballot Summary Report	Meeting start date
NP, WD (90 days)	2006/07/04	2006/07/11	2006/10/09	2006/10/16	2006/10/30
CD, PDTR, DTR, PDAM (3 months)	2006/07/02	2006/07/09	2006/10/09	2006/10/16	2006/10/30
FCD, FPDAM (4 months)	2006/06/02	2006/06/09	2006/10/09	2006/10/16	2006/10/30
FDIS, FDAM (2 months)	2006/07/04	2006/07/25	2006/09/25	2006/10/16	2006/10/30
Document Type	**Cut-off Date**	**Ballot Start**	**Ballot End**	**Ballot Summary Report**	**Meeting start date**
NP, WD (90 days)	2007/01/22	2007/01/29	2007/04/29	2007/05/06	2007/05/20
CD, PDTR, DTR, PDAM (3 months)	2007/01/22	2007/01/29	2007/04/29	2007/05/06	2007/05/20
FCD, FPDAM (4 months)	2006/12/22	2006/12/29	2007/04/29	2007/05/06	2007/05/20
FDIS, FDAM (2 months)	2007/01/25	2007/02/15	2007/04/15	2007/05/06	2007/05/20

Next Plenaries

948.	- JTC 1-SC7 re-states its acceptance of the Russian invitation (SC7 N3268) to host the 2007 Plenary in St. Petersburg, Russia, on 2007-05-20 to 2007-05-25. - JTC 1-SC7 accepts the German invitation (SC7 N3268) to host the 2008 Plenary in Berlin, Germany, in 2008. - JTC 1-SC7 notes India's interest in hosting its 2009 plenary. - JTC 1-SC7 notes Japan interest in hosting its 2010 plenary.

Next Interim - Joint WG Meetings

949.	- JTC 1-SC7 re-states its acceptance of the Korean invitation to host the 2006 interim meeting in Seoul, Republic of Korea, on 2006-10-30 to 2006-11-03 (N3523). - JTC 1-SC7 re-states its acceptance of the proposed Canadian invitation to host the 2007 interim meeting in Montréal, Canada

APPRECIATIONS

<table>
<tr>
<td></td>
<td>JTC 1/SC 7 extends its appreciation to the following professionals:
- Mark Hasselkorn (USA) for his contribution to the development of Working Draft of ISO/IEC 26514 User Documentation standard for Designers and Developers
- Mr Stuart Arnold for his work within WG 7 as Project Editor of ISO/IEC 15288.
- Mr Alain Faisandier for his work as Project Editor of ISO/IEC 24748.</td>
</tr>
<tr>
<td></td>
<td>JTC 1/SC 7 extends its appreciation to the following professionals for their dedication and work on the completion of ISO/IEC IS 15504 – Process Assessment – Parts 1 – 5:

Mr Alec Dorling   Convenor, SC7 WG10
Mr Terry Rout   Overall Project Editor, ISO/IEC 15504
Mr Satoshi Fushimi   Sub-Editor, ISO/IEC 15504-1
Mr Alastair Walker   Sub-editor, ISO/IEC 15504-1
Ms Catriona Mackie   Sub-Editor, ISO/IEC 15504-2
Mr Kiyoshi Ogawa   Sub-Editor, ISO/IEC 15504-2
Mr Antonio Coletta   Sub-Editor, ISO/IEC 15504-3
Mr David Kitson   Sub-Editor, ISO/IEC 15504-3
Mr John Hamilton   Sub-Editor, ISO/IEC 15504-4
Mr Paul Rogoway   Sub-Editor, ISO/IEC 15504-4
Mr Clenio Salviano   Sub-Editor, ISO/IEC 15504-5
Mr Jean Martin Simon   Sub-Editor, ISO/IEC 15504-5
Mr Timo Varkoi   Sub-Editor, ISO/IEC 15504-5

and many other NBs and Process Assessment experts for editorial and technical comments.</td>
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<td>JTC1/SC7 extends its appreciation to Mr. Paul Croll as convener of WG-9</td>
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<td>JTC1-SC7 extends its appreciation to the members of the Drafting Committee:
– Mrs. Yasuko Okazaki
– Mr. James Moore
– Mr. Michael Gayle
– Dr. Witold Suryn
– Mr. David Keech</td>
</tr>
</table>

	JTC1-SC7 extends its appreciation to the Thai Member Body for hosting the Nineteenth Plenary meeting of JTC1/SC7 in Bangkok. Special thanks go to:

JTC1-SC7 extends its appreciation to the Thai Member Body for hosting the Nineteenth Plenary meeting of JTC1/SC7 in Bangkok. Special thanks go to:

▫ HOST
- Thai International Standard Institute
- Software Industry Promotion Agency (Public Organization)

▫ OFFICIAL SPONSORS

- Association of Thai Software Industry

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- Hewlett-Packard (Thailand) Co., Ltd.
- Group Net Co., Ltd.
- SMC (Thailand) Co., Ltd.
- Monsoon Valley
- Plus-BBG (Thailand) Co.,Ltd.

▫ ORGANISERS

Ms. Archara Chayapunta and her very helpful team.