



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

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MANAGEMENT REPORT AND BUSINESS PLAN FOR

ISO / IEC JTC 1/SC7

SOFTWARE ENGINEERING

PERIOD COVERED: January 1997 -December 1998

SUBMITTED BY: François Coallier Chair
Jean-Normand Drouin, Secretariat

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1.0 MANAGEMENT SUMMARY

1.1 JTC 1/SC7 STATEMENT OF SCOPE, VISION, PURPOSE AND CORE VALUES

The following new “Terms Of Reference” have been approved by JTC1 at its Plenary in Paris and endorsed by SC7 at its 1997 Plenary in Walnut Creek:

“Standardization of processes, supporting tools and supporting technologies for the engineering of software products and systems.

Note: The processes, tools and technologies are within the scope of JTC1 terms of references and exclude specific tools and technologies that have been assigned by JTC1 to other of its SC's.”

The vision of SC7, as elaborated at its 1997 Walnut Creek business planning workshop and endorsed formally by member bodies:

A unified set of software engineering standards widely accepted by the intended class of users.

These standards will be organised in a framework, which establishes the relationships between SC 7 standards and the standards of other disciplines, eg engineering, information technology, quality management

SC7 customers are:

- *Service Providers/Manufacturers or Consumers of:*
 - *Embedded Product Engineering (Aerospace, Telecommunication, etc...)*
 - *Management Information Systems*
- *Academic/teaching*

The purpose of SC7, as elaborated at its 1997 Walnut Creek business planning workshop and endorsed formally by member bodies:

- *Provide quality software engineering standards meeting user needs in broad markets.*
- *Manage the set of standards effectively through documented framework.*
- *Promote the use of standards by providing supporting materials.*
- *Provide leadership in software engineering standardization through a framework that minimizes the inconsistencies between major software related standards including those developed by other standard producing organizations.*

SC7 core values are:

- *Consensus*
International level and regards to software engineering best practice

- *Full and open deliberation*
Active involvement with related disciplines

- *Informed participation*
Awareness of the subject
Awareness of JTC1 procedures
Awareness of project background

- *Equality and members/tolerance*
Basically follows JTC1 procedures

- *Commitment to quality*
Maintain awareness best practice and user needs

- *Commitment of participants to the process*
Recognition of the importance of continuity in standards development

- *Professionalism*
Maintaining awareness of software engineering practices

1.2 PROJECT REPORT

There are currently 54 active projects / sub-projects in JTC 1/SC7 (see http://saturne.info.uqam.ca/Labo_Recherche/Lrgl/sc7/index_e_frameset.html).

These are handled by 14 active working groups (See annex B)

The following 13 projects were completed and associated documents published:

| | | |
|-------------|----|---|
| 07.29.01 | 10 | 1998-02-20TR 15504-1: Software Engineering - Process Assessment Part 1: Concepts and Introductory Guide. |
| 07.29.02 | 10 | 1998-02-20TR 15504-2: Software Engineering - Process Assessment Part 2: A Reference Model For Processes And Process Capability. |
| 07.29.03 | 10 | 1998-02-20TR 15504-3: Software Engineering - Process Assessment Part 3: Performing An Assessment. |
| 07.29.04 | 10 | 1998-02-20TR 15504-4: Software Engineering - Process Assessment Part 4: Guide To Performing Assessments. |
| 07.29.06 | 10 | 1998-02-20TR 15504-6: Software Engineering - Process Assessment Part 6: Guide To Qualification Of Assessors. |
| 07.29.07 | 10 | 1998-02-20TR 15504-7: Software Engineering - Process Assessment Part 7: Guide For Use In Process Improvement. |
| 07.29.08 | 10 | 1998-02-20TR 15504-8: Software Engineering - Process Assessment Part 8: Guide For Use In Determining Supplier Process Capability. |
| 07.29.09 | 10 | 1998-02-20TR 15504-9: Software Engineering - Process Assessment Part 9: Vocabulary. |
| 07.13.02.05 | 06 | 1998-02-21IS 14598-5: Software Engineering - Product Evaluation - Part 5: Process for Evaluators. |
| 07.22 | 09 | 1998-04-23TR 12182: Software Engineering - Categorization of Software. |
| 07.26 | 07 | 1998-04-23TR 15271: Software Engineering - Guide for ISO/IEC 12207 (Software Life Cycle Processes). |
| 07.30 | 09 | 1998-04-29IS 15026: Software Engineering - System and Software Integrity Levels. |
| 07.13.02.01 | 06 | 1998-05-13IS 14598-1: Software Engineering - Product Evaluation - Part 1: General Overview. |

Ref. Project 07.29 work was initiated to move the documents from TR type 3 to IS.

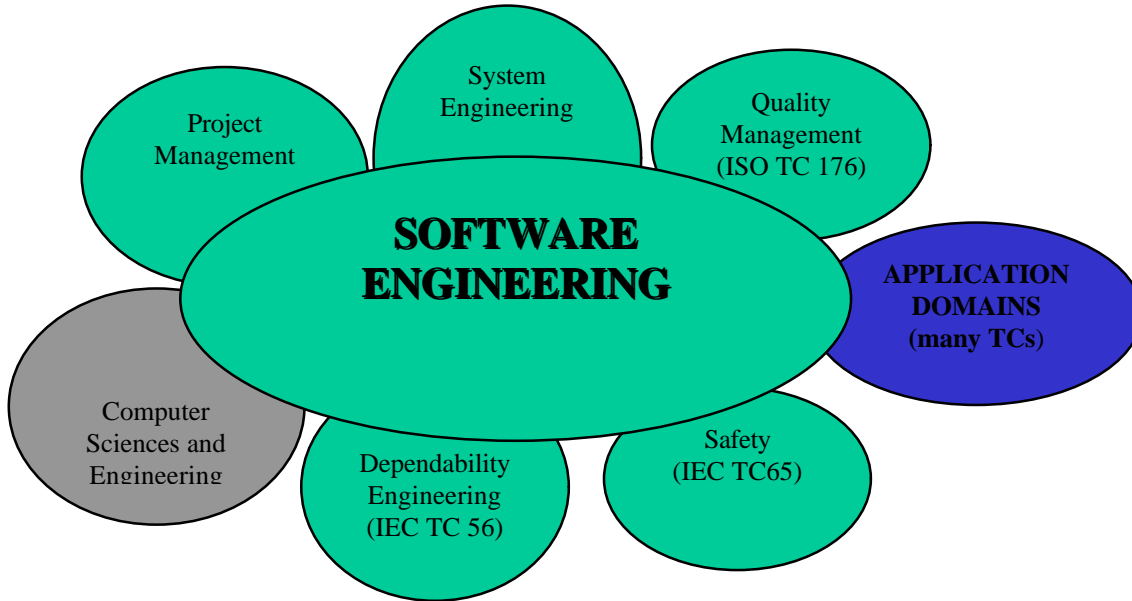
Two new work items are currently being processed:

- Configuration Management Tool Requirements.
- Software Engineering - Guidelines For The design and preparation of software user documentation.

1.3 COOPERATION AND COMPETITION

Internal

JTC 1 has recognized that its SC7 is a “process focused” SC. The diagram that follows illustrate how SC7 scope interact with other SC’s and disciplines:



All those overlaps have the potential to generate liaison challenges.

There are at least two other process focused TC’s in ISO and IEC that also had overlap with the JTC1/SC7 program of work: ISO/TC176 and IEC/TC56.

The program of work overlap issues have been resolved through liaison (ISO/TC 176) and joint development activities (IEC/TC 56). These activities are going well.

Duplication issues have been raised with other ISO and IEC TC’s that are developing process related standards that are domain specific, such as ISO/TC 120 (Airborne Systems and Equipment) and IEC TC 65 (Industrial Process Measurement and Control).

Our colleagues in ISO/TC 176 and IEC/TC 56 do not have as many of these issues since they are recognized by ISO and IEC as being *Horizontal Committees* as defined by IEC Guide 108 i.e. having exclusive primership in a *generic* discipline (quality systems and reliability engineering respectively).

At its Ottawa plenary in 1997, JTC1 / SC7 has instructed its Secretariat *to use all necessary means to obtain horizontal committee status for SC7 as defined in IEC Guide 108* (Resolution 508). This resolution has not yet been implemented by ISO and IEC as far as the SC7 chairman know.

External

SC7 Working Group have significant “C” Liaison with professional, commercial and international organizations. These are:

- NATO (WG7)
- IEEE CS (WG4)
- CDIF (WG11)
- OMG (WG11)
- IFPUG (WG12)
- IEFUG (WG12)
- ESI (WG10)
- SuGAR (WG10)

Two new “A” Liaison are in the process to be added:

- QuEST Forum (Under consideration by JTC1)
- ITU-T (transfer from SC33)

2.0 PERIOD REVIEW

2.1 MARKET REQUIREMENTS

Software has become an integral part of society's infrastructure, and it is growing in importance.

The complexity of software and software based systems is growing, but the practices to develop the software have not kept pace with that growth. There is an increased need to support the engineering of software through standardisation.

As mentioned previously SC7 customers are:

- *Service Providers/Manufacturers or Consumers of:*
 - *Embedded Product Engineering (Aerospace, Telecommunication, etc...)*
 - *Management Information Systems*
- *Academic/teaching*

In the last few years, many new work items that were initiated in SC7 came with the backing and support of professional and commercial organizations or communities, many of whom became formal C liaison afterward. The program of work of our WG 4 (IEEE Computer Society), 7 (NATO), 10 (ESI), 11 (CDIF) and 12 (IFPUG and EFPUG) essentially fall in this case.

Other strategy used for customer inputs are:

- TR 15504-1/9 Software Product Assessment
 - Extensive trials of draft standards
- Workshops on special topics in ISO/IEC P15288 System Life Cycle Processes:
 - Safety (Canada)
 - Security (Germany)
 - Human Factors (UK)
- Revision of ISO/IEC 12207 Software Life Cycle Processes
 - User Survey (planned)

Market requirements for software engineering standards is also informally assessed through the active participation of SC7 members to the International Symposium and Forum on Software Engineering Standards (ISESS). The last ISESS was held just before the SC7 Plenary in the same location and the next one will be held just before our Curitiba plenary in May of 1999.

A type A liaison with the QuEST forum is presently being considered by JTC1. This liaison, once in place, will give to SC7 a structured channel to the telecommunication industry.

2.2 ACHIEVEMENTS

See sections 1.2 and 3.2. 1998 document production is summarized in the following table:

| Category | No. Of Doc. | No. Of Pages |
|------------------|--------------------|---------------------|
| IS/TR: | 13 | 372 |
| FDIS/DTR: | 1 | 136 |
| FCD: | 19 | 1021 |
| CD/PDTR: | 8 | 271 |
| WD: | 3 | 153 |
| NP: | 2 | - |
| Total: | 46 | 1953 |

2.3 RESOURCES

SC7 recognize that resources are an important factor for the successful the execution of the work program. At this point in time, there is sufficient support for all of the SC7 projects

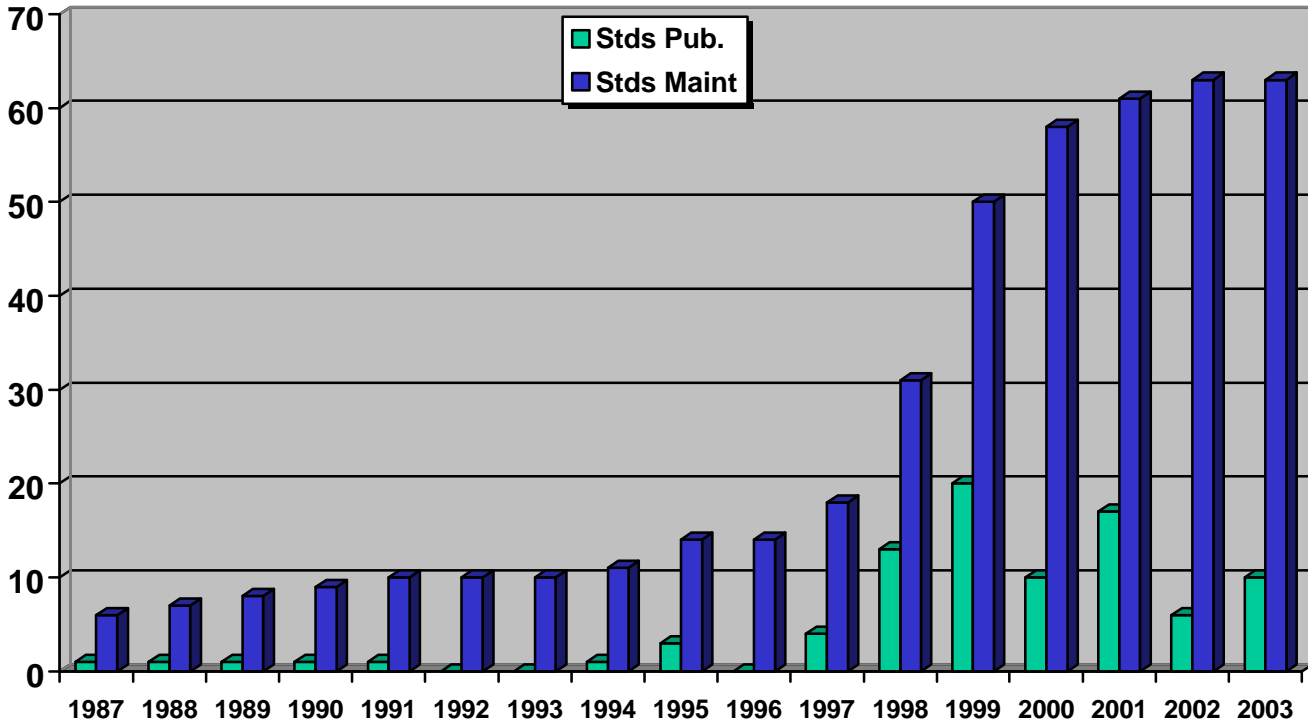
3.0 FOCUS NEXT WORK PERIOD

3.1 DELIVERABLES:

The following projects, and their 20 associated deliverables, have an high probability of being completed before the end of 1999:

| | | | |
|-------------|----|------------|--|
| 07.29.05 | 10 | 1998-05-01 | DTR 15504-5: Software Engineering - Process Assessment Part 5: An Assessment Model And Indicator Guidance. |
| 07.13.02.02 | 06 | 1998-05-06 | FCD 14598-2: Software Engineering - Product Evaluation - Part 2: Planning and management. |
| 07.13.01.01 | 06 | 1998-05-07 | FCD 9126-1 Software Engineering - Quality characteristics and metrics - Part 1: Quality characteristics and sub-characteristics. |
| 07.13.01.03 | 06 | 1998-05-09 | FCD 14598-3: Software Engineering - Product evaluation - Part 3: Process for developers. |
| 07.28.01.01 | 11 | 1998-05-15 | FCD 15474-1: Software Engineering - CDIF Framework - Part 1: Overview. |
| 07.28.01.02 | 11 | 1998-05-15 | FCD 15474-2: Software Engineering - CDIF Framework - Part 2: Modeling and Extensibility |
| 07.28.02.01 | 11 | 1998-05-28 | FCD 15475-1 Software Engineering - CDIF Transfer Format - Part 1: General Rules for Syntaxes and Encodings. |
| 07.28.02.02 | 11 | 1998-05-28 | FCD 15475-2: Software Engineering - CDIF Data Definition and Interchange - Transfer Format - Part 2: Syntax SYNTAX.1 |
| 07.28.02.03 | 11 | 1998-05-28 | FCD 15475-3: Software Engineering - CDIF Transfer Format - Part 3: Encoding ENCODING.1 |
| 07.28.03.04 | 11 | 1998-05-28 | FCD 15476-1: Software Engineering - CDIF Semantic Metamodel - Part 1: Foundation |
| 07.28.03.05 | 11 | 1998-05-28 | FCD 15476-2: Software Engineering - CDIF Semantic Metamodel - Part 2: Common |
| 07.28.03.08 | 11 | 1998-05-28 | FCD 15476-4: Software Engineering - CDIF Semantic Meta-model - Part 4: Data Models. |
| 07.28.03.07 | 11 | 1998-05-28 | FCD 15476-5: Software Engineering - CDIF Semantic Meta-model - Part 5: Data Flow Models. |
| 07.40 | 02 | 1998-08-28 | FCD15910 Software Engineering - User Documentation Process. |
| 07.20.02.03 | 14 | 1998-10-03 | FCD 15437: Information technology - Enhancements to LOTOS (E-LOTOS) |
| 07.19.03 | 11 | 1998-10-26 | FCD15909 Software Engineering - High-level Petri Nets - Concepts, Definitions and Graphical Notation. |
| 07.13.01.01 | 06 | 1998-10-26 | FCD 9126-1.2 Software Engineering - Product quality - Part 1: Quality model. |
| 07.68 | 01 | 1998-10-30 | FCD 14753 - Information Technology - Open Distributed Processing - Interface references and Binding. |
| 07.37 | 08 | 1998-11-16 | FCD 14764: Software Engineering - Software Maintenance. |
| 07.67 | 01 | 1998-12-25 | FCD 14752 - Information Technology - Open Distributed Processing - Protocol support for computational interactions. |

Standard production by SC7 is presently looking as follows:



STRATEGIES

An SC7 Strategic Planning Workshop was held prior to the 1997 Walnut Creek Plenary and the results documented in SC7 07N1763, SC7 Direction Statement 1997. This document was accepted by SC7 member bodies after formal balloting.

Business Planning activities have been going on in SC7 for the last 5 years. To ensure proper focus and continuity, SC7 has formalized at its 1997 Walnut Creek Plenary the SC7 Business Planning Group (BPG) as a “special working group” (SWG) with the mandate to:

- plan, support and organize Management Workshop,
- proposed update to the SC7 business plans and procedures,
- propose updates to SC7 communications function,
- plan transition of SC7 to become a horizontal committee,
- update the SC7 Product Plan,
- prepare the SC7 Product Line Definition Proposal,
- provide oversight of the SC7 vocabulary activities,
- prepare procedures and organization responsibilities to ensure an integrated strategy planning, business planning, and management system for SC7.

The BPG is under the direction of the JTC1/SC7 Chair and composed of (or any other person deputized):

| | |
|-----------------------------------|--------------------------------------|
| Mr. T. Bergier, France | Mr. A. Coster, UK |
| Mr. H. Daniel, Germany | Mr. A. Dorling, UK |
| Mr. T. Rout, Australia | Mr. P. Rogoway, Israel |
| Mr. J. Tripp, Moore (co-Convenor) | Mr. P. Voldner, Canada (co-Convenor) |
| Mr. Y. Yamamoto, Japan | |

Since the 1997, Walnut Creek Plenary, SC7 will has a one day management workshops prior to all Plenaries. This was carried out at the last Plenary in Johannesburg.

3.2.1 RISKS

SC7 is presently in a mode were its focus is to produce new standards. As documented in annex A, a significant amount of deliverables will be produced in the next 15 months.

Consistency among the deliverables has been identify as a risk item in SC7 business planning exercises. The following mitigation strategies are been implemented to address this issue:

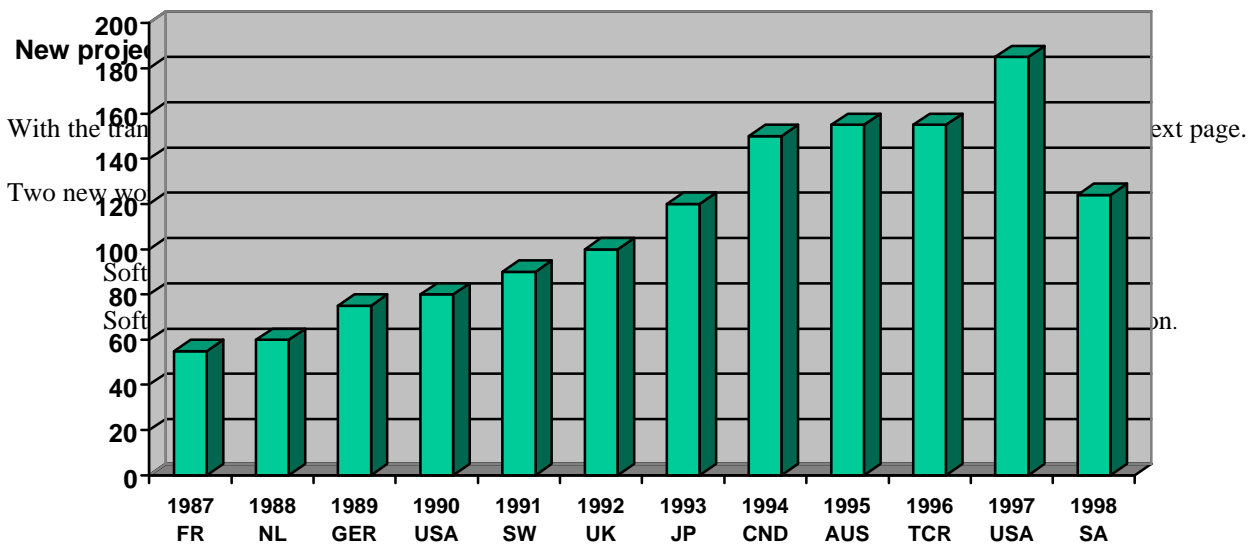
- A Vocabulary “special working group” on software engineering terminology has been put in place by SC7 at its 1997 plenary. Its terms of reference are:
 - extract the fundamental SC7 terms from the following sources: SC7 terms of reference, ISO/IEC 9126, ISO/IEC 12207, and words in all titles of SC7 in-work and existing standards;
 - identify contradictions and ambiguities in terms within scope of the Vocabulary SWG,
 - suggest resolution of the contradictions and ambiguities;
 - recommend method of publishing, coordination with JTC1/SC1 and other ISO and IEC technical committees, and controlling SC7 fundamental terms,
 - recommend a plan for next phase of the SWG including the achieving the intent of Resolution of 218.

- Work is progressing to put in place a process to ensure the consistency of process based standards elaborated by SC7. This issue will be finalized at the next Plenary in Curitiba, Brazil.

3.2.2 OPPORTUNITIES

General

SC7 has seen in the last few years (with the exception of its last one in Johannesburg, South Africa) its attendance at Plenary grow continuously (see figure). Hosts for future Plenary meetings have been identified for the next 3 years. The growing importance of software-based products and services in our post-industrial society should ensure that interest in SC7 should remain high in the foreseeable future as long as proper market relevance is maintained.



WG1 ODP - Frameworks and Components**Convenor** *Bryan Wood - UK*

Scope:

Project **Project Description**

- 07.43.05 Information Technology - Open Distributed Processing - Reference Model
- Part 4: Architectural Semantic
- 07.43.05.00.01 Information Technology - Open Distributed Processing - Reference Model
- Part 4: Architectural Semantics - Amendment 1: Computational
formalization
- 07.43.05.01 Type 3 Technical Report on the Use of Specification Techniques in ODP
- 07.59.01 Information Technology - Open Distributed Processing - Trading Function
- Part 1: Specification
- 07.59.03 Information Technology - Open Distributed Processing - Trading Function
- Part 3: Provision of trading function using OSI Directory
- 07.66 Information Technology - Open Distributed Processing - Interface
Definition Language (IDL) for ODP Systems
- 07.67 Information Technology - Open Distributed Processing - Protocol support
for computational interactions
- 07.68 Information Technology - Open Distributed Processing - Open Distributed
Processing Interface References and Binding
- 07.75 Information Technology - Open Distributed Processing - Type Repository
Function
- 07.76 Information Technology - Open Distributed Processing - Naming
Framework

WG3 ODP - Enterprise Language**Convenor** *Joaquin Miller - USA*

Scope:

Project **Project Description**

- 07.77 Information Technology - Open Distributed Processing - Enterprise
viewpoint

WG5 ODP - Quality Of Service**Convenor** *Laurent Leboucher - France*

Scope:

Project **Project Description**

- 07.78 Information Technology - Quality of Service in Open Distributed
Processing

WG14 Enhanced LOTOS**Convenor** *Juan Quemada - Spain*

Scope:

Project **Project Description**

- 07.20.02.03 Information Technology - Enhancements to LOTOS

3.3 WORK PROGRAM PRIORITIES

SC7 work program strategy is to suspend or cancel any project that does not have sufficient resource. Consequently, SC7 priorities are to ensure that its present work program is executed in a timely fashion while producing quality documents.

ANNEX A: ISO/IEC JTC1/SC7 N2051R

1998-01-05

| | |
|----------------------|-------------------------------------|
| Document Type | Memo |
| Title | JTC1/SC7 1998 Document Production. |
| Source | JTC1/SC7 Secretariat |
| Project | |
| Status | Final |
| References | |
| Action ID | FYI |
| Due Date | |
| Mailing Date | 1998-01-05 |
| Distribution | SC7_AG, JTC1 Sec., P, O & L Members |
| Medium | Encoded Acrobat |
| No. of Pages | 3 |
| Note | |

JTC1/SC7 Yearly Document Production

Reporting Year: 1998

New Work Item Proposals

| ISO No. | SC7 No. | Project | WG | Date | Document Title |
|---------|---------|---------|-----|------------|---|
| | N1936R | n/a | n/a | 1998-08-20 | Letter Ballot (60 Days) on the New Work Item Proposal on Software Engineering - Configuration Management Tool Requirements. |
| | N1938 | n/a | n/a | 1998-08-24 | Letter Ballot (60 Days) on the New Work Item Proposal on Software Engineering - Guidelines For The design and preparation of software user documentation. |

Total number of NP produced in the year: 2

Working Drafts

| ISO No. | SC7 No. | Project | WG | Date | Document Title |
|---------|---------|----------|----|------------|---|
| 16326 | N1860 | 07.27.02 | 08 | 1998-05-22 | Working Draft - Software project management guide according to ISO/IEC 12207 |
| 15939 | N1982 | 07.41 | 13 | 1998-12-01 | WD 15939: Software Engineering - Software Measurement Process Framework. |
| 15414 | N2014 | 07.77 | 03 | 1998-12-06 | WD 15414 - Information Technology - Open Distributed Processing - Reference Model - Enterprise Viewpoint. |

Total number of WD produced in the year: 3

Committee Draft / Proposed Draft Technical Reports

| ISO No. | SC7 No. | Project | WG | Date | Document Title |
|---------|---------|-------------|----|------------|---|
| 15909 | N1793 | 07.19.03 | 11 | 1998-01-16 | CD15909 Information Technology - High Level Petri Net Standard. |
| 14764 | N1812 | 07.37 | 08 | 1998-03-22 | CD 14764: Information Technology - Software Maintenance. |
| 15474-3 | N1849 | 07.28.01.03 | 11 | 1998-04-29 | CD 15474-3: Software Engineering - CDIF Framework - Part 3: Mapping to PCTE |
| 14143-2 | N1964 | 07.31.02 | 12 | 1998-10-16 | Combined WD, CD Registration and CD Ballot of WD 14143-2 Software Engineering - Functional size measurement - Part 2: Compliance assessment of software size measurement methods to ISO/IEC 14143-1:1998. |
| 14143-3 | N1965 | 07.31.03 | 12 | 1998-10-16 | Combined WD, PDTR Registration and PDTR Ballot of WD 14143-3 Software Engineering - Functional size measurement - Part 3: Verification of functional size measurement methods. |
| 14143-4 | N1966 | 07.31.04 | 12 | 1998-10-16 | Combined WD, PDTR Registration and PDTR Ballot of WD 14143-4 Software Engineering - Functional size measurement - Part 4: Reference Model. |
| 14143-5 | N1967 | 07.31.05 | 12 | 1998-10-16 | Combined WD, PDTR Registration and PDTR Ballot of WD 14143-5 Software Engineering - Functional size measurement - Part 5: Determination of Functional Domains for Use with Functional Size Measurement. |
| 16326 | N1968 | 07.27.02 | 08 | 1998-10-16 | Combined PDTR Registration & PDTR Ballot - PDTR 16326: Software Engineering - Project management. |

Total number of CD/PDTR produced in the year: 8

Final Committee Drafts

| ISO No. | SC7 No. | Project | WG | Date | Document Title |
|----------------|----------------|----------------|-----------|-------------|--|
| 14598-2 | N1836 | 07.13.02.02 | 06 | 1998-05-06 | FCD 14598-2: Software Engineering - Product Evaluation - Part 2: Planning and management. |
| 9126-1 | N1838 | 07.13.01.01 | 06 | 1998-05-07 | FCD 9126-1 Software Engineering - Quality characteristics and metrics - Part 1: Quality characteristics and sub-characteristics. |
| 14598-3 | N1840 | 07.13.01.03 | 06 | 1998-05-09 | FCD 14598-3: Software Engineering - Product evaluation - Part 3: Process for developers. |
| 15474-1 | N1847 | 07.28.01.01 | 11 | 1998-05-15 | FCD 15474-1: Software Engineering - CDIF Framework - Part 1: Overview. |
| 15474-2 | N1848 | 07.28.01.02 | 11 | 1998-05-15 | FCD 15474-2: Software Engineering - CDIF Framework - Part 2: Modeling and Extensibility |
| 15475-1 | N1852 | 07.28.02.01 | 11 | 1998-05-28 | FCD 15475-1 Software Engineering - CDIF Transfer Format - Part 1: General Rules for Syntaxes and Encodings. |
| 15475-2 | N1853 | 07.28.02.02 | 11 | 1998-05-28 | FCD 15475-2: Software Engineering - CDIF Data Definition and Interchange - Transfer Format - Part 2: Syntax SYNTAX.1 |
| 15475-3 | N1854 | 07.28.02.03 | 11 | 1998-05-28 | FCD 15475-3: Software Engineering - CDIF Transfer Format - Part 3: Encoding ENCODING.1 |
| 15476-1 | N1855 | 07.28.03.04 | 11 | 1998-05-28 | FCD 15476-1: Software Engineering - CDIF Semantic Metamodel - Part 1: Foundation |
| 15476-2 | N1856 | 07.28.03.05 | 11 | 1998-05-28 | FCD 15476-2: Software Engineering - CDIF Semantic Metamodel - Part 2: Common |
| 15476-4 | N1857 | 07.28.03.08 | 11 | 1998-05-28 | FCD 15476-4: Software Engineering - CDIF Semantic Meta-model - Part 4: Data Models. |
| 15476-5 | N1858 | 07.28.03.07 | 11 | 1998-05-28 | FCD 15476-5: Software Engineering - CDIF Semantic Meta-model - Part 5: Data Flow Models. |
| 15910 | N1901 | 07.40 | 02 | 1998-08-28 | FCD15910 Software Engineering - User Documentation Process. |
| 15437 | N1994 | 07.20.02.03 | 14 | 1998-10-03 | FCD 15437: Information technology - Enhancements to LOTOS (E-LOTOS) |
| 15909 | N1947 | 07.19.03 | 11 | 1998-10-26 | FCD15909 Software Engineering - High-level Petri Nets - Concepts, Definitions and Graphical Notation. |
| 9126-1.2 | N1949 | 07.13.01.01 | 06 | 1998-10-26 | FCD 9126-1.2 Software Engineering - Product quality - Part 1: Quality model. |
| 14753 | N2011 | 07.68 | 01 | 1998-10-30 | FCD 14753 - Information Technology - Open Distributed Processing - Interface references and Binding. |
| 14764 | N1959 | 07.37 | 08 | 1998-11-16 | FCD 14764: Software Engineering - Software Maintenance. |
| 14752 | N1978 | 07.67 | 01 | 1998-12-25 | FCD 14752 - Information Technology - Open Distributed Processing - Protocol support for computational interactions. |

Total number of FCD produced in the year: 19

Final Draft International Standard / Draft Technical Reports

| ISO No. | SC7 No. | Project | WG | Date | Document Title |
|----------------|----------------|----------------|-----------|-------------|--|
| 15504-5 | N1842 | 07.29.05 | 10 | 1998-05-01 | DTR 15504-5: Software Engineering - Process Assessment Part 5: An Assessment Model And Indicator Guidance. |

Total number of FDIS/DTR produced in the year: 1

International Standard / Technical Reports

| ISO No. | SC7 No. | Project | WG | Date | Document Title |
|----------------|----------------|----------------|-----------|-------------|---|
| 15504-1 | N1870 | 07.29.01 | 10 | 1998-02-20 | TR 15504-1: Software Engineering - Process Assessment Part 1: Concepts and Introductory Guide. |
| 15504-2 | N1871 | 07.29.02 | 10 | 1998-02-20 | TR 15504-2: Software Engineering - Process Assessment Part 2: A Reference Model For Processes And Process Capability. |
| 15504-3 | N1872 | 07.29.03 | 10 | 1998-02-20 | TR 15504-3: Software Engineering - Process Assessment Part 3: Performing An Assessment. |
| 15504-4 | N1873 | 07.29.04 | 10 | 1998-02-20 | TR 15504-4: Software Engineering - Process Assessment Part 4: Guide To Performing Assessments. |
| 15504-6 | N1874 | 07.29.06 | 10 | 1998-02-20 | TR 15504-6: Software Engineering - Process Assessment Part 6: Guide To Qualification Of Assessors. |
| 15504-7 | N1875 | 07.29.07 | 10 | 1998-02-20 | TR 15504-7: Software Engineering - Process Assessment Part 7: Guide For Use In Process Improvement. |
| 15504-8 | N1876 | 07.29.08 | 10 | 1998-02-20 | TR 15504-8: Software Engineering - Process Assessment Part 8: Guide For Use In Determining Supplier Process Capability. |
| 15504-9 | N1877 | 07.29.09 | 10 | 1998-02-20 | TR 15504-9: Software Engineering - Process Assessment Part 9: Vocabulary. |
| 14598-5 | N1879 | 07.13.02.05 | 06 | 1998-02-21 | IS 14598-5: Software Engineering - Product Evaluation - Part 5: Process for Evaluators. |
| 12182 | N1892 | 07.22 | 09 | 1998-04-23 | TR 12182: Software Engineering - Categorization of Software. |
| 15271 | N1894 | 07.26 | 07 | 1998-04-23 | TR 15271: Software Engineering - Guide for ISO/IEC 12207 (Software Life Cycle Processes). |
| 15026 | N1903 | 07.30 | 09 | 1998-04-29 | IS 15026: Software Engineering - System and Software Integrity Levels. |
| 14598-1 | N1914 | 07.13.02.01 | 06 | 1998-05-13 | IS 14598-1: Software Engineering - Product Evaluation - Part 1: General Overview. |

Total number of IS/TR produced in the year: 13

Total number of documents produced in the year: 46

ANNEX B: SC7 Organization

