



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

## ISO/IEC JTC1/SC7 N2589

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**Title** Presentation From The JTC1/SC7 Chair To The JTC1 Plenary,  
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**References**

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**Note**

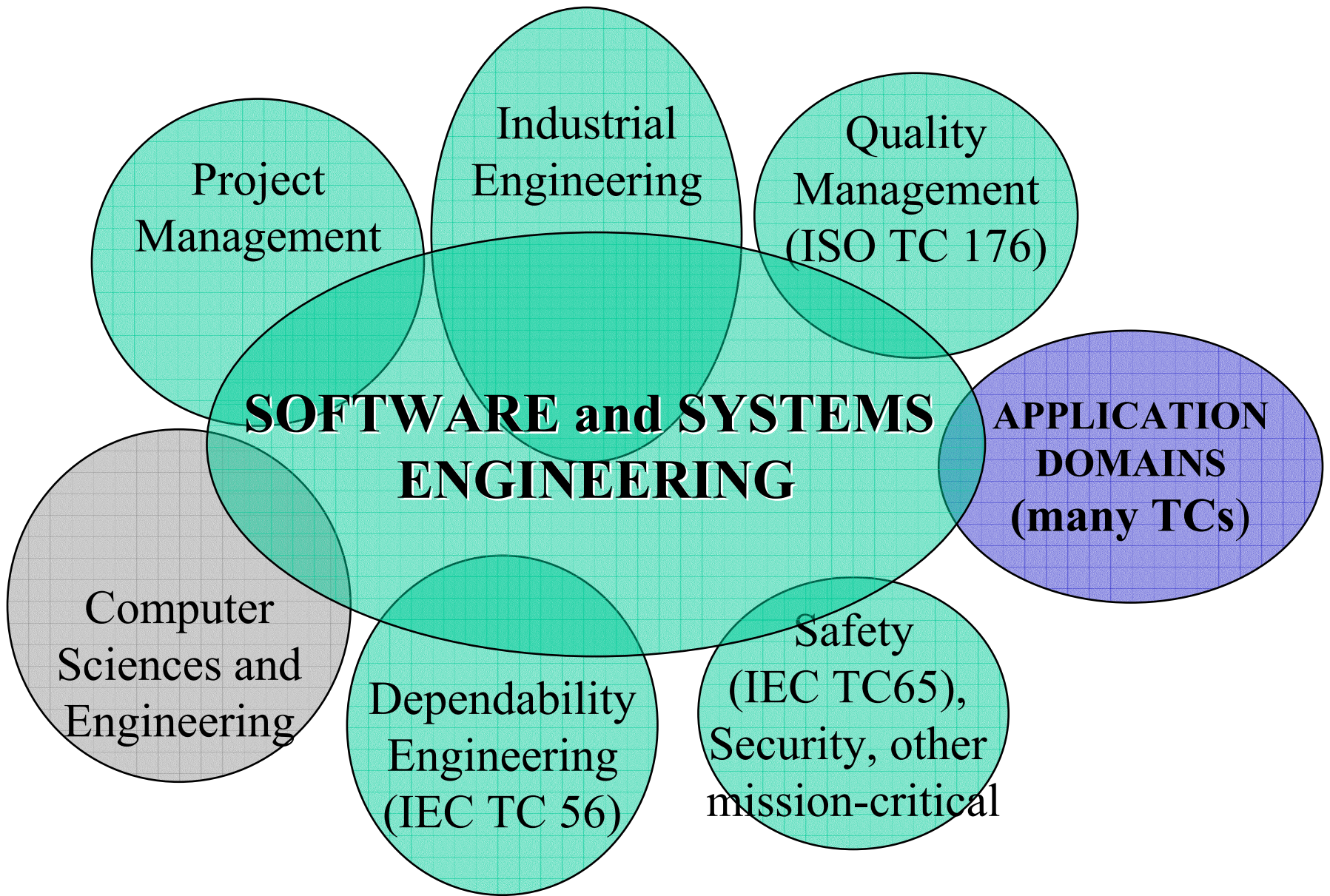
# **ISO/IEC JTC 1 SC7 PRESENTATION TO JTC1 HAWAII PLENARY**

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[http://saturne.info.uqam.ca/Labo\\_Recherche/Lrgl/sc7/index.html](http://saturne.info.uqam.ca/Labo_Recherche/Lrgl/sc7/index.html)

## SC7 TERMS OF REFERENCE

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

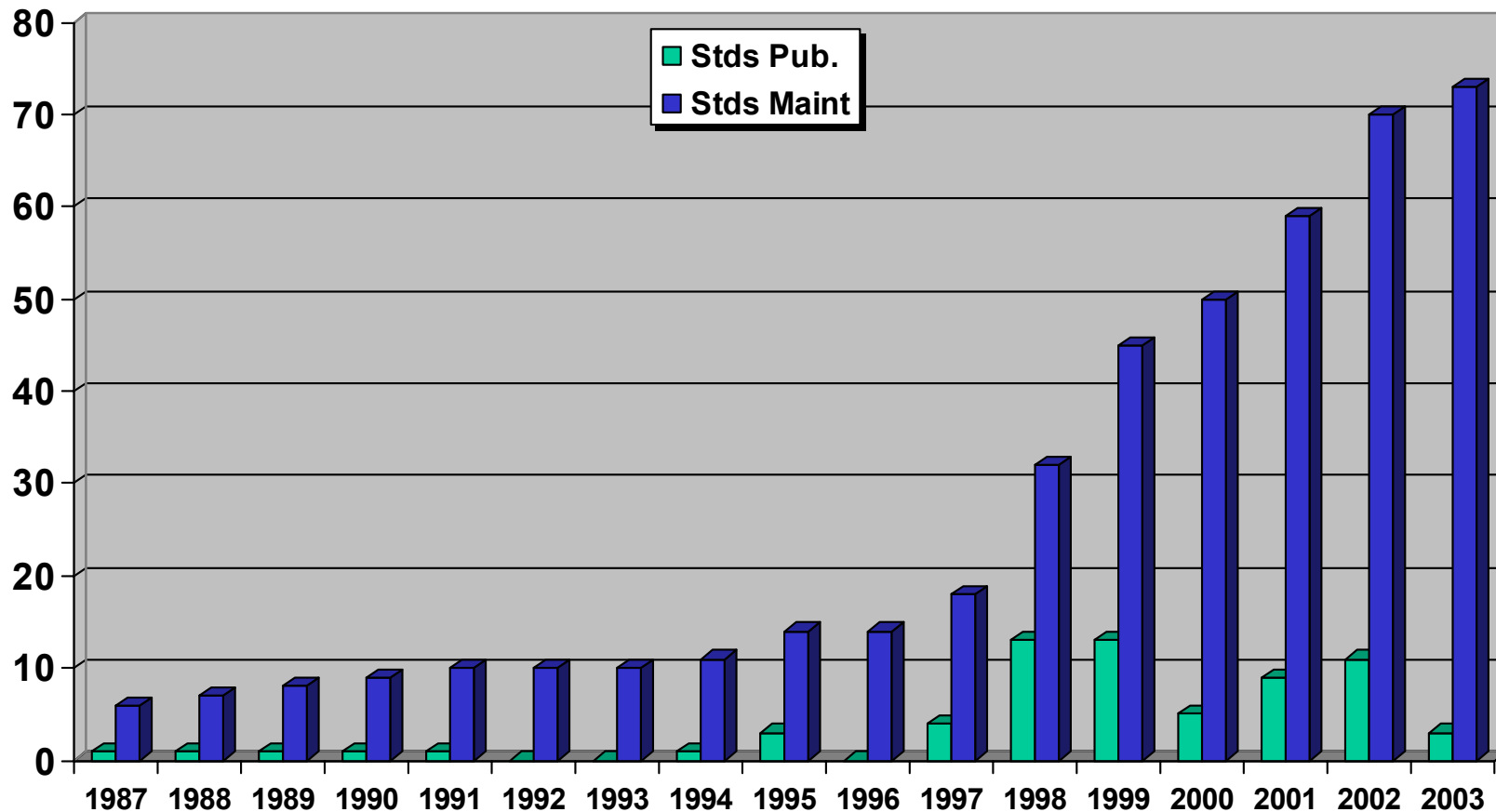


# Document Production

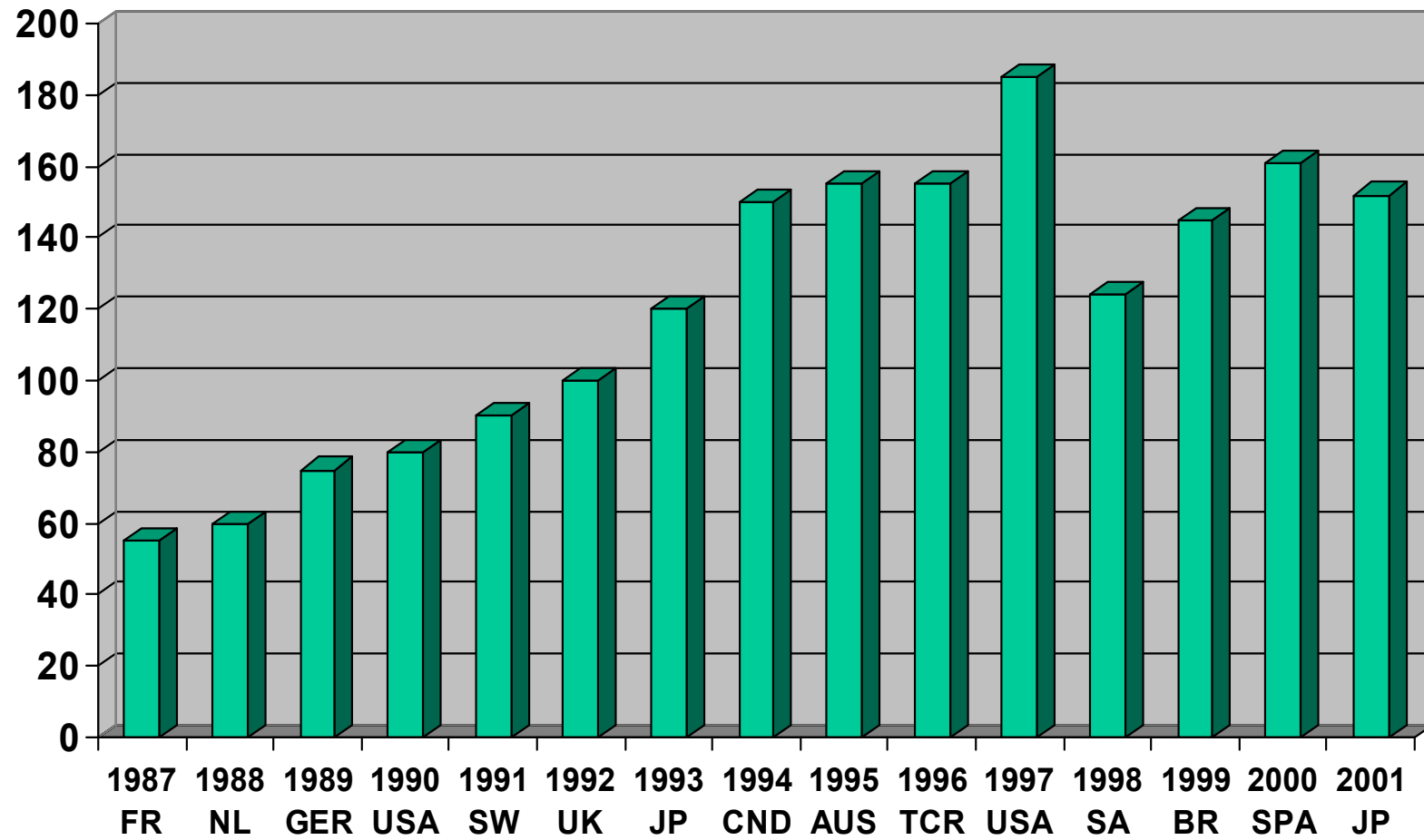
	<b>1997 Docs</b>	<b>1998 Docs</b>	<b>1999 Docs</b>	<b>2000 Docs</b>	<b>2001</b>	<b>2002</b>
(F)DIS/DTR/FDAMs progressed to IS/TR/AM status	11	13	5	4	9	
FCDs/FPDAMs progressed to FDIS/FDAM		19	5		4	
CDs / PDTRs progressed to FCD/DIS/DTR	13	8	8	12	11	
WDs were progressed to CD / PDTR	8	3	1	3	1	
New Work Items	2	2	1	3	9	
PAS and Fast Tracks				2	2	[10]
Projects Completed	11	13	5	5	[9]	

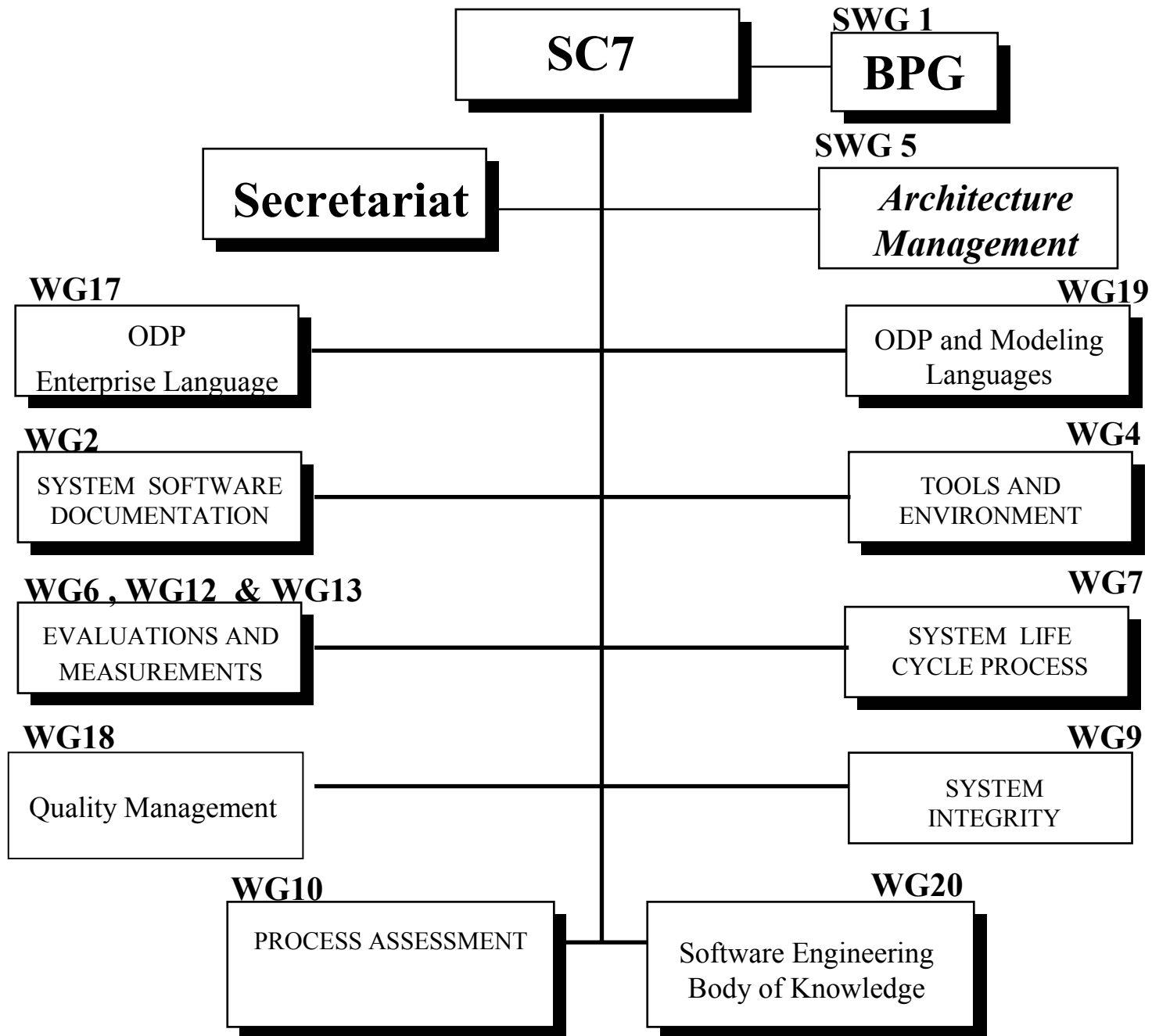
# SC7 Production (est.)

(No new NWI assumed - exclude dependability, include PAS)



# Plenary Attendance







# New Projects

## Transfers:

- Revision of 9000-3 (from TC 176)

## New projects:

- Guide for ISO/IEC 15288 (System Life Cycle Processes)
- COSMIC-FFP: A Software Functional Size Measurement Method
- Software Engineering Body of Knowledge
- ISO/IEC 9126-40: Software engineering - Software product quality requirements and evaluation - Part 40: Quality requirements - Quality requirements and guide
- ISO/IEC 9126-31: Software engineering - Software product quality requirements and evaluation - Part 31: Quality metrics - Base metrics.
- ISO/IEC 9126-30: Software engineering - Software product quality requirements and evaluation - Part 30: Quality metrics - Metrics reference model and guide
- ISO/IEC 9126-10: Software Engineering - Software Product quality requirements and evaluation - Part 10: General overview and guide
- Software Asset Management Process

## PAS:

- IFPUG
- ISO/IEC DIS 20968 | UKSMA: MKII FPA ver.1.3.1

# Open Planning Activities

- Study Group on Systems Engineering Practices
  - Complete its report in liaison with WG7, integrating in its analysis the coming guide on Systems Engineering Life-Cycle and relevant INCOSE work
  - Negotiate with the EIA and IEEE the contribution to JTC1/SC7 of their relevant Systems Engineering documents for the purpose of assisting JTC1/SC7 national bodies and liaisons in elaborating national position.
- Study Group on IEEE Computer Society Standard

Jointly investigate with the IEEE-CS IEEE standards and work in progress in at least the following areas for potential processing by JTC 1/SC7:

  - Internet Web site development practices
  - Re-use
  - Architecture Description and Modeling Languages
  - Risk management
  - Vocabulary

# Internet Presence of SC 7 Stds

		Google	Altavista
Doc-Nr.	Title / Date->	2001-10-10	2001-10-10
ISO 5806	Specification of single-hit decision tables	23	11
ISO 5807	Documentation symbols and conventions	116	43
ISO 6592	Guidelines for the documentation of computer-based application systems	72	24
ISO 8790	Computer system configuration diagram symbols and conventions	28	12
ISO 9000-3	Guidelines for the application of ISO 9001 to the design, development, supply, installation and maintenance of computer software	5690	3019
ISO/IEC 9126	Quality characteristics and guidelines for their use	1330	499
ISO 9127	User documentation and cover information for consumer software packages	102	39
ISO/IEC 12119	Software packages -- Quality requirements and testing	498	271
ISO/IEC 12207	Software life cycle processes	2870	1024
ISO/IEC 14102	Guideline for the evaluation and selection of CASE tools	115	59
ISO/IEC 14143	Functional size measurement	245	75
ISO/IEC 14568	DXL: Diagram eXchange Language for tree-structured charts	19	4
ISO/IEC 14598	Software product evaluation	439	114
ISO/IEC 14756	Measurement and rating of performance of computer-based software systems	40	6
ISO/IEC 15271	Guide for ISO/IEC 12207 (Software Life Cycle Processes)	21	8
<i>ISO/IEC 15288</i>	System Life Cycle Processes	242	76
ISO/IEC 15504	Software Process Assessment	1210	615
<i>SWEBOK</i>	Software Engineering Body of Knowledge	849	196