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***Special Working Group 5
Architecture Management***

9 May 2004

ISO/IEC JTC1/SC7

Background

- ***SWG5 was established in May 2002, at Busan, Korea plenary and reaffirmed in May 2004***
- ***Membership is:***
 - ***Cheryl Jones - Convenor***
 - ***Anatol Kark (Canada)***
 - ***Shigenobu Katoh (Japan)***
 - ***David Kitson (USA)***
 - ***Bud Lawson (Sweden)***
 - ***Jean-Philippe Lerat (France)***
 - ***James Moore (IEEE-CS)***
 - ***Terry Rout (Australia)***

Principle and Scope of SWG5

- ***Principle:***
 - ***SC7 standards should constitute a coherent set from both a content and terminology perspective***
- ***Scope of SWG5 (from Brisbane resolution 802):***
 - ***Elaborate and maintain JTC1/SC7 Architecture standing documents***
 - ***Provide council to JTC1/SC7 Conveners and editors on standards architecture 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***

Goals for SWG5

- ***Provide a recommended architecture for the SC7 documents***
- ***Provide recommendations on deviations in the current set of SC7 standards***
- ***Recommend mechanisms for achieving timeliness, correctness and coherence***
- ***Explore novel approaches to package and distribute the SC7 work products***

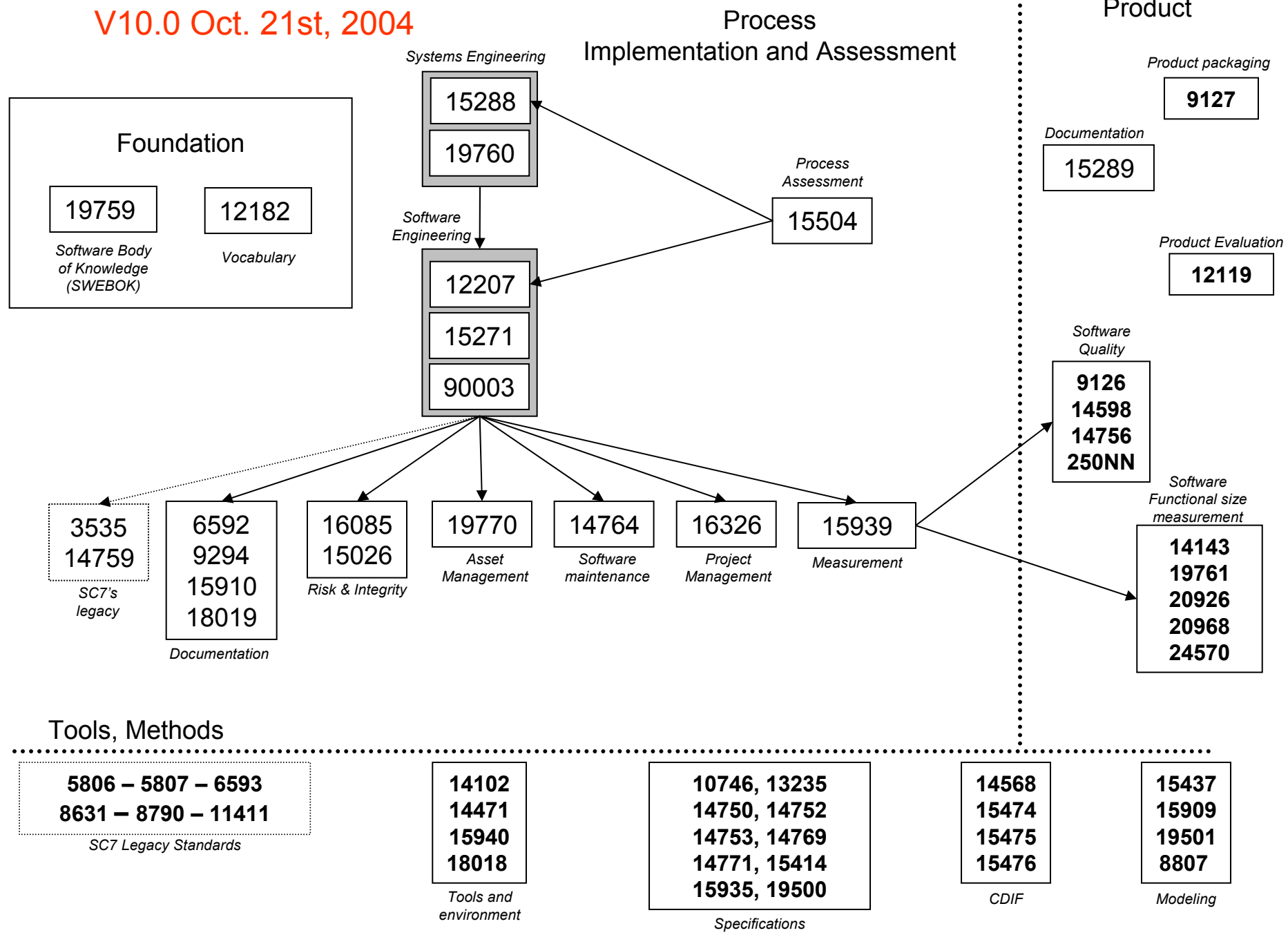
Interim Meeting - October 2004

- ***Actions at Stockholm meeting and afterwards:***
 - ***Finalized Framework for Standards***
 - ***Distributed for comment***
 - ***Finalized Guidelines for Process Definition***
 - ***Distributed for comment***
 - ***To be updated as technical report after ballot (WG7)***
 - ***Held study group on architectures***
 - ***Held study group on non-developed components***
 - ***Identified concerns with 62304 comment resolutions***

Interim Meeting - October 2004 (cont)

- ***Actions at Stockholm meeting and afterwards:***
 - ***Considered SC7 collection and areas for possible future work based on 12207 and 15288 processes***
 - ***Would like to propose study groups to consider possible actions in the areas of:***
 - ***Operations***
 - ***Interoperability***
 - ***Requirements***
 - ***Small / Medium Companies (Thailand to submit proposal)***
 - ***Identified standards that need to be updated once harmonization is sufficiently advanced***

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Plenary Meeting - May 2005

- ***Update Framework for Standards***
- ***Update Guidelines for Process Definition***
- ***Extend current study groups and finalize study group reports***
 - ***Architecture***
 - ***Non-Developed Components***
- ***Establish and begin new study groups***

Architecture Study Group

- ***The study group recommends that:***
 1. ***SC7 establish a new working group to address architectural issues***
 2. ***IEEE Std. 1471 be adopted as an ISO/IEC standard***
 3. ***IEEE and ISO/IEC SC7 start an immediate revision to 1471 to establish a joint standard, based on the study group recommendations***
 4. ***Other standards be updated as necessary for commonality***
- ***Various NWIs and Detailed Recommendations for Changes will be Developed In Helsinki***

Non-Developed Components Study Group

- ***Study Group has not Completed Work***
- ***Will Meet During this Meeting***