Acronyms

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The following is a list of acronyms and abbreviations which are used within the SEBoK.

SEBoK Acronyms. (Table Developed for BKCASE)

Acronym	Definition
A	
AADL	Architecture Analysis and Design Language
AAS	Advanced Automation System
ABD	Architecture Block Diagram
ACM	Association for Computing Machinery
ACS	Automated Case Support
ADM	Architecture Development Method
AECL	Atomic Energy of Canada
AF	Architecture Framework
AF CSE	Air Force Center for Systems Engineering (USA)
AFI	Air Force Instruction (USA)
AFIT	Air Force Institute of Technology (USA)
AFRI	Air Force Research Lab (USA)
AHP	Analytical Hierarchy Process
AIA	Aerospace Industries Association
AIAA	American Institute of Aeronautics and Astronautics (USA)
	(1) Analysis and Integration Team
AIT	
	(2) Assembling, Integrating, and Testing
ALT	Accelerated Life Testing
ANSI	American National Standards Institute
AP-233	Application Protocol for Systems Engineering Data Exchange
API	Application Program Interface
APPEL	Academy Program/Project & Engineering Leadership
ASAECP	Aerospace Systems Architecting and Engineering Certificate Program
ASHE	American Society of Hospital Engineering
ASME	American Society of Mechanical Engineers

ASQ ASTM	American Society for Quality American Society for Testing & Materials
AT&L	-
ATAM	Acquisition, Technology, and Logistics (US DoD) Architecture Trademark Analysis Method
ATC	Air Traffic Control
B	All Traffic Control
B2B	Business to Business
B2C	Business to Consumer
B2G	Business to Government
BCRM	Business Capability Road Map
BDD	Block Definition Diagram
BIM	Building Information Modeling
BIT	Built-in Test
BKCASE	Body of Knowledge and Curriculum to Advance Systems Engineering
ВОК	Body of Knowledge
	(1) Business Process Modeling
BPM	
	(2) Business Process Management
BPMN	Business Process Modeling Notation
BSI	British Standards Institution
BSS	Business Support System
С	
•	
C&A	Certification and Accreditation
_	Certification and Accreditation Command and Control
C&A	
C&A C2	Command and Control Command, Control, Communications, Intelligence,
C&A C2 C4ISR	Command and Control Command, Control, Communications, Intelligence, Information, Surveillance, and Reconnaissance
C&A C2 C4ISR	Command and Control Command, Control, Communications, Intelligence, Information, Surveillance, and Reconnaissance Certification and Accreditation (1) Complex Adaptive System
C&A C2 C4ISR CAA	Command and Control Command, Control, Communications, Intelligence, Information, Surveillance, and Reconnaissance Certification and Accreditation (1) Complex Adaptive System (2) Collision Avoidance System
C&A C2 C4ISR CAA CAS	Command and Control Command, Control, Communications, Intelligence, Information, Surveillance, and Reconnaissance Certification and Accreditation (1) Complex Adaptive System (2) Collision Avoidance System Complex Adaptive Systems Engineering
C&A C2 C4ISR CAA CAS CASE CBK	Command and Control Command, Control, Communications, Intelligence, Information, Surveillance, and Reconnaissance Certification and Accreditation (1) Complex Adaptive System (2) Collision Avoidance System Complex Adaptive Systems Engineering Common Body of Knowledge
C&A C2 C4ISR CAA CAS CASE CBK CCB	Command and Control Command, Control, Communications, Intelligence, Information, Surveillance, and Reconnaissance Certification and Accreditation (1) Complex Adaptive System (2) Collision Avoidance System Complex Adaptive Systems Engineering Common Body of Knowledge Change Control Board
C&A C2 C4ISR CAA CAS CASE CBK CCB CCR	Command and Control Command, Control, Communications, Intelligence, Information, Surveillance, and Reconnaissance Certification and Accreditation (1) Complex Adaptive System (2) Collision Avoidance System Complex Adaptive Systems Engineering Common Body of Knowledge Change Control Board Configuration Change Requirement
C&A C2 C4ISR CAA CAS CASE CBK CCB CCR CDF	Command and Control Command, Control, Communications, Intelligence, Information, Surveillance, and Reconnaissance Certification and Accreditation (1) Complex Adaptive System (2) Collision Avoidance System Complex Adaptive Systems Engineering Common Body of Knowledge Change Control Board Configuration Change Requirement Cumulative Distribution Function
C&A C2 C4ISR CAA CAS CASE CBK CCB CCR CDF CDR	Command and Control Command, Control, Communications, Intelligence, Information, Surveillance, and Reconnaissance Certification and Accreditation (1) Complex Adaptive System (2) Collision Avoidance System Complex Adaptive Systems Engineering Common Body of Knowledge Change Control Board Configuration Change Requirement Cumulative Distribution Function Critical Design Review
C&A C2 C4ISR CAA CAS CASE CBK CCB CCR CDF CDR CDRL	Command and Control Command, Control, Communications, Intelligence, Information, Surveillance, and Reconnaissance Certification and Accreditation (1) Complex Adaptive System (2) Collision Avoidance System Complex Adaptive Systems Engineering Common Body of Knowledge Change Control Board Configuration Change Requirement Cumulative Distribution Function Critical Design Review Contractor Data Requirements List
C&A C2 C4ISR CAA CAS CASE CBK CCB CCR CDF CDR CDR CDRL CE	Command and Control Command, Control, Communications, Intelligence, Information, Surveillance, and Reconnaissance Certification and Accreditation (1) Complex Adaptive System (2) Collision Avoidance System Complex Adaptive Systems Engineering Common Body of Knowledge Change Control Board Configuration Change Requirement Cumulative Distribution Function Critical Design Review Contractor Data Requirements List Compromising Emission
C&A C2 C4ISR CAA CAS CASE CBK CCB CCR CDF CDR CDRL	Command and Control Command, Control, Communications, Intelligence, Information, Surveillance, and Reconnaissance Certification and Accreditation (1) Complex Adaptive System (2) Collision Avoidance System Complex Adaptive Systems Engineering Common Body of Knowledge Change Control Board Configuration Change Requirement Cumulative Distribution Function Critical Design Review Contractor Data Requirements List Compromising Emission Continuous Improvement
C&A C2 C4ISR CAA CAS CASE CBK CCB CCR CDF CDR CDR CDRL CE CI CIMOSA	Command and Control Command, Control, Communications, Intelligence, Information, Surveillance, and Reconnaissance Certification and Accreditation (1) Complex Adaptive System (2) Collision Avoidance System Complex Adaptive Systems Engineering Common Body of Knowledge Change Control Board Configuration Change Requirement Cumulative Distribution Function Critical Design Review Contractor Data Requirements List Compromising Emission Continuous Improvement Computer Integrated Manufacturing Open System Architecture
C&A C2 C4ISR CAA CAS CASE CBK CCB CCR CDF CDR CDRL CE CI CIMOSA CIO	Command, Control, Communications, Intelligence, Information, Surveillance, and Reconnaissance Certification and Accreditation (1) Complex Adaptive System (2) Collision Avoidance System Complex Adaptive Systems Engineering Common Body of Knowledge Change Control Board Configuration Change Requirement Cumulative Distribution Function Critical Design Review Contractor Data Requirements List Compromising Emission Continuous Improvement Computer Integrated Manufacturing Open System Architecture Chief Information Officer
C&A C2 C4ISR CAA CAS CASE CBK CCB CCR CDF CDR CDR CDRL CE CI CIMOSA	Command and Control Command, Control, Communications, Intelligence, Information, Surveillance, and Reconnaissance Certification and Accreditation (1) Complex Adaptive System (2) Collision Avoidance System Complex Adaptive Systems Engineering Common Body of Knowledge Change Control Board Configuration Change Requirement Cumulative Distribution Function Critical Design Review Contractor Data Requirements List Compromising Emission Continuous Improvement Computer Integrated Manufacturing Open System Architecture

CMM Capability Maturity Model

CMMI Capability Maturity Model Integration

CO Contract Officer

COCOMO Constructive Cost Model CONOPS Concept of Operations

CorBoK Core Body of Knowledge (see also GRCSE)
COSYSMO Constructive Systems Engineering Cost Model

COTS Commercial-off-the-Shelf

CPC Corrosion Prevention and Control
CPI Continuous Process Improvement
CRM Customer Relationship Management

CSF Critical Success Factor

CSI Continuous Service Improvement

CST Critical Systems Thinking

D

D/C IM Design/Construction Interface Manual
DAU Defense Acquisition University (USA)

DCR Design Certification Review

DE Digital Engineering
DFD Data Flow Diagram

DFDD DGIWG Feature Data Dictionary

DFX Design for "X"

DGWIG Defence Geospatial Information Working Group

DHS Department of Homeland Security (USA)

DIA Denver International Airport

DIS Distributed Interactive Simulation

DLA Defense Logistics Agency

DMADV Define, Measure, Analyze, Design, Verify
DMAIC Define, Measure, Analyze, Improve, Control

Diminishing Manufacturing Sources and Material

Shortages

DNA Deoxyribonucleic Acid

DoD Department of Defense (DoD)

DoDAF Department of Defense Architecture Framework

(USA)

DoDD Department of Defense Directive (USA)
DoDI Department of Defense Instruction (USA)

DoJ Department of Justice (USA)

DoT Department of Transporation (USA)

DSM Design Structure Matrix

DTC Design to Cost

DTM Digital Terrain Model

Ε

DMSMS

E&M Electrical and Machinery

EA Enterprise Architecture EC European Commission

ECP Engineering Change Proposal
ECHA European Chemicals Agency
ECP Engineering Change Proposal
ECR Engineering Change Request
EDP Evaluation and Discussion Point

EE&A Enterprise Evaluation and Assessment

Energy, Environmental, Safety and Health

Management

eFFBD Enhanced Functional Flow Block Diagram

EIS Environmental Impact Statement

EISA Energy Independence and Security Act of 2007

(USA)

EM Enterprise Modeling

EMC Electromagnetic Capability
EMI Electromagnetic Interference

EMP Electromagnetic Pulse

EPA Environmental Protection Agency (USA)

ERB Engineering Review Board
ERP Enterprise Resource Planning

ES Engineered System

ESE Enterprise Systems Engineering e-TOM Enhanced-Telecomm Operations Map

F

F3I Form, Fit, Function, and Interface
FAA Federal Aviation Administration (USA)
FAST Function Analysis System Technique
FBI Federal Bureau of Investigation (USA)

FCC Federal Communications Commission (USA)

FDA Food and Drug Administration (USA)

FDIR Failure Detection, Identification, and Recovery
FEAF Federal Enterprise Architecture Framework (USA)

FEEP Foreign Excess Personal Property
FFBD Functional Flow Block Diagram
FMEA Failure Modes and Effects Analysis

FMECA Failure Modes, Effects, and Criticality Analysis

FONSI Finding of No Significant Impact

FoS Federation of Systems

FPMR Federal Property Management Regulation FRACA Failure Reporting and Corrective Actions

FRACAS Failure Reporting and Corrective Action System

FRP Full-Rate Production

FUML Foundational Subset for Executable UML Models

G

G2B Government to BusinessG2C Government to ConsumerG2G Government to Government

GAO Government Accountability Office (USA)

GDP Gross Domestic Product

GERAM Generalize Enterprise Reference Architecture and

Methodology

GIGO Garbage In Garbage Out

GGE Geospatial/Geodetic Engineering
GIS Geographic Information System

GMDSS Global Maritime Distress and Safety System

GNSS Global Navigation Satellite System

GOTS Government-off-the-Shelf GPS Global Positioning System

GQM Goal-Question-Metric

GRCSE Graduate Reference Curriculum for Systems

Engineering

GST General System Theory

Н

HAZMAT Hazardous Materials

HCI Human-Computer Interaction

HEMP High-altitude Electromagnetic Pulse

HFE **Human Factors Engineering** HLA High-Level Architecture НМІ Human-Machine Interface HNA Host Nation Approval HNC **Host Nation Coordination** HRO High Reliability Organization HSI **Human Systems Integration** HST **Hubble Space Telescope**

HWCI Hardware Configuration ItemHWIL Hardware in the Loop

ī

IBD Internal Block Diagram

IBM International Business Machines ICM Incremental Commitment Model

ICSM Incremental Commitment Spiral Model

ICT Information and Communications Technology IDEFO Integration Definition for Functional Modeling

IE Industrial Engineering

IEC International Electrotechnical Commission
IEEE Institute of Electrical and Electronics Engineers

IETF Internet Engineering Task Force

IFSR IHO IID ILS IM IMS INCOSE IOC	International Federation for Systems Research International Hydrographic Organization Incremental and Iterative Development Integrated Logistics Support Information Management Integrated Master Schedule International Council on Systems Engineering Initial Operating Capability (1) Internet Protocol
IP	(2) Intellectual Property
IPDP	Integrated Product Development Process
IPDT	Integrated Product Development Team
IPR	In-Progress Review
IPS	Integrated Product Support
IPT	Integrated Product Team
IPV6	Internet Protocol Version 6
IRAC	Interdepartment Radio Advisory Committee
IRL	Integration Readiness Level
ISDT	Integrated Service Development Team
ISO	International Organization for Standardization
ISOC	Internet Society
ISP	Internet Service Provider
	(1)International System Safety Society
ISSS	(2)International Society for the Systems Sciences
	(3)Initial Sector Suit System
IT	(3)Initial Sector Suit System Information Technology
IT ITIL	•
	Information Technology
ITIL	Information Technology Information Technology Infrastructure Library
ITIL ITS	Information Technology Information Technology Infrastructure Library Intelligent Transportation System Intelligent Transport System-Emergency
ITIL ITS ITS-ETO	Information Technology Information Technology Infrastructure Library Intelligent Transportation System Intelligent Transport System-Emergency Transportation Operation
ITIL ITS ITS-ETO ITSM	Information Technology Information Technology Infrastructure Library Intelligent Transportation System Intelligent Transport System-Emergency Transportation Operation Information Technology Services Management
ITIL ITS ITS-ETO ITSM ITU	Information Technology Information Technology Infrastructure Library Intelligent Transportation System Intelligent Transport System-Emergency Transportation Operation Information Technology Services Management
ITIL ITS ITS-ETO ITSM ITU K	Information Technology Information Technology Infrastructure Library Intelligent Transportation System Intelligent Transport System-Emergency Transportation Operation Information Technology Services Management International Telecommunications Union
ITIL ITS ITS-ETO ITSM ITU K KA	Information Technology Information Technology Infrastructure Library Intelligent Transportation System Intelligent Transport System-Emergency Transportation Operation Information Technology Services Management International Telecommunications Union Knowledge Area
ITIL ITS ITS-ETO ITSM ITU K KA KPI	Information Technology Information Technology Infrastructure Library Intelligent Transportation System Intelligent Transport System-Emergency Transportation Operation Information Technology Services Management International Telecommunications Union Knowledge Area Key Performance Indicator
ITIL ITS ITS-ETO ITSM ITU K KA KPI KPP KSAA L	Information Technology Information Technology Infrastructure Library Intelligent Transportation System Intelligent Transport System-Emergency Transportation Operation Information Technology Services Management International Telecommunications Union Knowledge Area Key Performance Indicator Key Performance Parameter Knowledge, Skills, Abilities, and Attitudes
ITIL ITS ITS-ETO ITSM ITU K KA KPI KPP KSAA	Information Technology Information Technology Infrastructure Library Intelligent Transportation System Intelligent Transport System-Emergency Transportation Operation Information Technology Services Management International Telecommunications Union Knowledge Area Key Performance Indicator Key Performance Parameter

LCM Life Cycle Management LEfSE Lean Enablers for Systems Engineering LORA Level of Repair Analysis LRU Line Replaceable Unit (1) Lean Systems Engineering **LSE** (2) Lead Systems Engineer Lean Systems Engineering Working Group LSE WG (INCOSE) М MA Mission Analysis Modeling and Analysis for Real-Time and MARTE **Embedded Systems** MBE Model-Based Engineering **MBRA** Model-Based Risk Analysis **MBSE** Model-Based Systems Engineering MCDA Multi-Criteria Decision Analysis **MDA®** Model-Driven Architecture ME Mission Engineering MIT Massachusetts Institute of Technology MOD Ministry of Defence MODAF Ministry of Defence Architecture Framework (UK) MOE Measure of Effectiveness MOP Measure of Performance MOS Mean Opinion Score MOSES Model Oriented Systems Engineering (1)Methods, Processes, and Tools MPT (2) Methodologies, Processes, and **Technologies** MRAR Mishap Risk Assessment Report MRL Manufacturing Readiness Level MRM Manufacturing Resource Management MS Meta-System MSA Measurement System Analysis Mean Sea Level MSL **MSRB** Management Safety Review Board MSTI Miniature Seeker Technology Integration **MTBF** Mean Time Between Failures **MTTR** Mean Time to Repair N

MSTI Miniature Seeker Technology Integration
MTBF Mean Time Between Failures
MTTR Mean Time to Repair

N
NAHB National Association of Home Builders
NAO National Audit Office (UK)
NASA National Aeronautics and Space Administration (USA)

NATO	North Atlantic Treaty Organization
NDI	Non-Developmental Item
NDIA	National Defense Industrial Association (NDIA)
NEPA	National Environmental Policy Act
NERC	North American Electric Reliability Corporation
NETMA	NATO Eurofighter and Tornado Management Agency
NIST	National Institute of Standards and Technology (USA)
NLP	Neuro-Linguistic Programming
NOAA	National Oceanographic and Atmospheric Agency
NPD	New Product Development
NPDP	New Product Development Process
NSA	National Security Agency
NSD	New service Development
NSOI	Narrower System-of-Interest
NSPE	National Society of Professional Engineers
NSTISSI	National Security Telecommunications Information Systems Security Issuance
NTIA	National Telecommunications and Information Administration (USA)
0	
0&S	Operations and Support
OAM&P	Operations, Administration, Management, and provisioning
OCR	Operations Commitment Review
OECD	Organization for Economic Co-Operative Development
OEM	Original Equipment Manufacturer
	(1)Office of Government Commerce (UK)
OGC	
	(2) Open Geospatial Consortium
OITL	Operator in the Loop
OMC	Operation/Maintenance/Closeout
OMG	Object Management Group
OODA	Observe, Orient, Decide, and Act
OPD	Object Process Diagram
OPL	Object Process Language
OPM	Object Process Methodology
OR	Operations Research
ORMS	Operations Research and Management Science
OSAT	On-site Acceptance Test
OSD	Office of the Secretary of Defense (USA)
OSHA	Occupational Safety and Health Administration
USHA	(USA)

OSM	Office of Spectrum Management
OSS	Operations Support Systems
OT&E	Operational Test and Evaluation
OTP	Operations Technical Plan
OWL	Web Ontology Language
P	
P&L	Profit and Loss
P3I	Pre-Planned Production Improvement
PaaS	Platform as a System
PAPL	Program/Project Approved Parts List
PBD	Physical Block Diagram
PBSE	Pattern-Based Systems Engineering
P-CMM	People Capability Maturity Mode
PD	Product Development
PDCA	Plan, Do, Check, Act
PDF	Portable Document Format
PDR	Preliminary Design Review
PERA	Purdue Enterprise Reference Architecture
DECTE	Political, Economic, Social, Technological,
PESTEL	Environmental, and Legal
PEVQ	Perceptual Evaluation of Video Quality
PfM	Portfolio Management
PFR	Problem Failure Report
PHS&T	Packaging, Handling, Storage, and Transportation
	(1) Project Management
PM	
	(2) Project Manager
PMBOK™	Project Management Body of Knowledge
PM/FI	Performance Monitoring/Fault Location
PMI	Project Management Institute
	(1) Project Management Professionals
PMP	
	(2) Project Management Plan
PMO	Project Management Office
PMP	Parts, Materials, and Processes
PMPCB	PMP Control Board
PNT	Positioning, Navigation and Timing
POET	Political, Operational, Economic, and Technical
POM	Proof of Manufacture
PQMI	Process Quality Management and Improvement
PQT	Production Qualification Testing
PRR	Production Readiness Review
PSE	Product Systems Engineering
PSM	Practical Software and Systems Measurement

PSQM	Perceptual Speech Quality Measure (1)Product-Service System
PSS	
	(2)Problem Solution System
PT	Product Team
PUB	Public Utilities Board (Singapore)
Q	
QAS	Quality Assurance System
QFD	Quality Function Deployment
QoE	Quality of Experience
QoS	Quality of Service
QVT	Query View Transformations
R	
R&D	Research and Development
R&M	Reliability and Maintainability
RAA	Responsibility, Authority, and Accountability
RACI	Responsible, Accountable, Consulted, Informed
RAM	Reliability, Availability, and Maintainability
RAMS	Reliability, Availability, Maintainability, and Safety
RAMSS	Reliability, Availability, Maintainability, Safety, and Security
RARA	Roles, Authorities, Responsibilities, and Accountabilities
RB	Radio-communication Bureau
RBD	Reliability Block Diagram
RCM	Reliability Centered Maintenance
RCRA	Resource Conservation and Recovery Act (USA)
RDF	Resource Description Framework
REA	Responsible Engineering Authority
REACH	Registration, Evaluation, Authorization, and Restriction of Chemicals
REP	Risk Element Plan
ReqIF	Requirements Interchange Format
RF	Radio Frequency
RFP	Request For Proposal
RHP	Risk Handling Plan
RMP	Risk Management Plan
RMT	Reliability, Maintenance, and Testability
RNT	Resilient Navigation and Timing
RoHS	Restriction on Hazardous Substances (USA)
ROI	Return on Investment
ROSE	Risk-Oriented Systems Engineering
	B 11 B 1 11

RR

RRB

RSG

Radio Regulations

Radio Regulations Board

Radio-communication Study Groups

RUP	Rational Unified Process
S	
SaaS	Software as a Service
SADT	Structured Analysis Design Technique
SAE	Society of Automotive Engineers
SAE	Society of Automotive Engineers
SART	System Analysis & Real Time
SBA	Service-Based Application
SBD	Set-Based Design
SBS	System Breakdown Structure
SCM	Software Configuration Management
ScSE	Service-Centric Systems Engineering
SD	Systems Dynamics
SDO	Standards Development Organization
SDLC	Service Development Life Cycle
SDP	Service Design Process
SE	Systems Engineering
SEAC	Systems Engineering Assessment and Control
SEBoK	Systems Engineering Body of Knowledge
SeCSE	Service Centric Systems Engineering
SEI	Software Engineering Institute
SEIT	Systems Engineering and Integration Team
SEM	Systems Engineering Management
SEMP	Systems Engineering Management Plan
SEP	Systems Engineering Plan
SFR	System Functional Review
SGIP	Smart Grid Interoperability Panel
SIS	Software-Intensive System
SKLTS	Standard Korean Light Transit System
SLA	Service Level Agreement
SLDC	Services Development Life Cycle
SLE	Service Life Extension
SLEP	Service Life Extension Program

SLEP Service Life Extension Program
SLM Service Level Management

SLOC Source Lines of Code

SLR Service Level Requirement
SMC Systems, Man, and Cybernetics
SOA Service Oriented Architecture

SOAD Service Oriented Analysis and Design/Decision

Modeling

Sol System-of-Interest

SOMA Service Oriented Modeling and Architectures

SOLE Society of Logistics Engineers

SOMA Service Oriented Modeling and Architecture

S00	Statement of Objectives
SOP	Service Operations Plan
SoS	System of Systems
SoSE	System of Systems Engineering
SOSM	Systems of Systems Methodology
SOW	Statement of Work
SPAC	Spectrum Planning and Policy Advisory Committee
SPC	Statistical Process Control
SPM	Service Performance Measure
SRA	Strategic Rail Authority (UK)
SRD	Service Requirements Document
SRL	System Readiness Level
SRR	System Requirements Review
SSDP	Service Systems Development Process
	(1) Service Systems Engineering
SSE	(2) 2
	(2) Security Systems Engineering
SSEMP	System Security Engineering Management Plan
SSM	Soft Systems Methodology
SSME	Service System Management and Engineering
	(1) Source Selection Plan
SSP	(2) Contain Consults Disc
CCDD	(2) System Security Plan
SSPP	System Safety Program Plan
SSS	Service Support Systems
STAMP	System-Theoretic Accident Model and Processes
STEEPLED	Social, Technical, Economic, Environmental,
	Political, Legal, Ethical and Demographic
STI	Political, Legal, Ethical and Demographic Science, Technology, and Industry Forum
STI STP	Political, Legal, Ethical and Demographic
	Science, Technology, and Industry Forum
STP	Science, Technology, and Industry Forum Strategic Technical Planning
STP SVR	Science, Technology, and Industry Forum Strategic Technical Planning System Verification Review
STP SVR SWCI	Science, Technology, and Industry Forum Strategic Technical Planning System Verification Review Software Configuration Item Software Engineering
STP SVR SWCI SWE	Science, Technology, and Industry Forum Strategic Technical Planning System Verification Review Software Configuration Item Software Engineering
STP SVR SWCI SWE SWEBOK	Science, Technology, and Industry Forum Strategic Technical Planning System Verification Review Software Configuration Item Software Engineering Software Engineering Body of Knowledge
STP SVR SWCI SWE SWEBOK SWG	Science, Technology, and Industry Forum Strategic Technical Planning System Verification Review Software Configuration Item Software Engineering Software Engineering Body of Knowledge Safety Working Group
STP SVR SWCI SWE SWEBOK SWG SWIL	Science, Technology, and Industry Forum Strategic Technical Planning System Verification Review Software Configuration Item Software Engineering Software Engineering Body of Knowledge Safety Working Group Software in the Loop Strengths, Weaknesses, Opportunities, and Threats
STP SVR SWCI SWE SWEBOK SWG SWIL SWOT	Science, Technology, and Industry Forum Strategic Technical Planning System Verification Review Software Configuration Item Software Engineering Software Engineering Body of Knowledge Safety Working Group Software in the Loop Strengths, Weaknesses, Opportunities, and Threats Analysis
STP SVR SWCI SWE SWEBOK SWG SWIL SWOT SWSE	Science, Technology, and Industry Forum Strategic Technical Planning System Verification Review Software Configuration Item Software Engineering Software Engineering Body of Knowledge Safety Working Group Software in the Loop Strengths, Weaknesses, Opportunities, and Threats Analysis Software Systems Engineering
STP SVR SWCI SWE SWEBOK SWG SWIL SWOT SWSE SysML	Science, Technology, and Industry Forum Strategic Technical Planning System Verification Review Software Configuration Item Software Engineering Software Engineering Body of Knowledge Safety Working Group Software in the Loop Strengths, Weaknesses, Opportunities, and Threats Analysis Software Systems Engineering
STP SVR SWCI SWE SWEBOK SWG SWIL SWOT SwSE SysML T	Science, Technology, and Industry Forum Strategic Technical Planning System Verification Review Software Configuration Item Software Engineering Software Engineering Body of Knowledge Safety Working Group Software in the Loop Strengths, Weaknesses, Opportunities, and Threats Analysis Software Systems Engineering Systems Modeling Language
STP SVR SWCI SWE SWEBOK SWG SWIL SWOT SWSE SysML T TCSE	Science, Technology, and Industry Forum Strategic Technical Planning System Verification Review Software Configuration Item Software Engineering Software Engineering Body of Knowledge Safety Working Group Software in the Loop Strengths, Weaknesses, Opportunities, and Threats Analysis Software Systems Engineering Systems Modeling Language Telecommunication Systems Engineering

TOGAF The Open Group Architecture Framework

TOVE Toronto Virtual Enterprise (Canada)
TPM Technical Performance Measure

TPS Toyota Production System
TQM Total Quality Management
TRL Technology Readiness Level
TRR Technical Readiness Review

TSE Traditional Systems Engineering

TSI Total Systems Intervention

TSP Technology and Standards Planning

U

UC Use Case

UK United Kingdom

UL Underwriters Laboratory
UML Unified Modeling Language

UN United Nations

UPDM Unified Profile for DoDAF and MODAF

US United States

USAF United States Air Force
USB Universal Serial Bus

V

V&V Verification and Validation

VCF Virtual Case File

VERAM Virtual Enterprise Reference Architecture and

Methodology

VHDL VHSIC Hardware Description Language VHSIC Very-High-Speed Integration Circuit

VIN Vehicle Identification Number

W

WBS Work Breakdown Structure WCML West Coast Main Line (UK)

WCRM West Coast Route Modernisation (UK)

WIP Work in Progress

WGS84 World Geodetic System 1984

WMO World Meteorological Organization

WRC World Radio-communication Conference

WS Web Services 2.0

WSOI Wider System-of-Interest

WS-PBEL Web Services Business Process Execution

Language

WWII World War II WWW World Wide Web

X

XMI XML Metadata Interchange

XML Extensible Markup Language

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