

Appendix B: Acronyms

API

application program interface

ARC

Appraisal Requirements for CMMI

CAM

Capacity and Availability Management (process area)

CAD

computer-aided design

CAR

Causal Analysis and Resolution (process area)

CCB

configuration control board

CL

capability level

CM

Configuration Management (process area)

CMM

Capability Maturity Model

CMMI

Capability Maturity Model Integration

CMMI-ACQ

CMMI for Acquisition

CMMI-DEV

CMMI for Development

CMMI-SVC

CMMI-DEV+HPPD

CMMI for ServicesDevelopment +HPPD

CPM

critical path method

CobiT

Control Objectives for Information and related Technology

COTS

commercial off the shelf

CPI

cost performance index

CPM

critical path method

CSCI

computer software configuration item

DAR

Decision Analysis and Resolution (process area)

DoD

Department of Defense

EIA

Electronic Industries Alliance

EIA/IS

Electronic Industries Alliance/Interim Standard

EPG

engineering process group

FCA

functional configuration audit

GG

generic goal

GP

generic practice

IBM

International Business Machines

IDEAL

Initiating, Diagnosing, Establishing, Acting, Learning

IEEE

Institute of Electrical and Electronics Engineers

INGOSE

International Council on Systems Engineering

IPD-CMM

Integrated Product Development Capability Maturity Model

IPM

Integrated Project Management (process area)

IRP

Incident Resolution and PreventionIPM+IPPD

~~Integrated Project Management +IPPD~~ (process area)

IPPD

~~integrated product and process development~~

ISO

International Organization for Standardization

ISO/IEC

International Organization for Standardization and International Electrotechnical Commission

IT

information technology

ITIL

Information Technology Infrastructure Library

ITSCMM

Information Technology Services Capability Maturity Model

MA

Measurement and Analysis (process area)

MDD

Method Definition Document

ML

maturity level

~~NDI~~

~~nondevelopmental item~~

~~NDIA~~

~~National Defense Industrial Association~~

OID

Organizational Innovation and Deployment (process area)

OPD

Organizational Process Definition (process area)

~~OPD+IPPD~~

~~Organizational Process Definition + IPPD (process area)~~

OPF

Organizational Process Focus (process area)

OPP

Organizational Process Performance (process area)

OT

Organizational Training (process area)

PCA

physical configuration audit

~~OUSD (AT&L)~~

~~Office of the Under Secretary of Defense (Acquisition, Technology, and Logistics)~~

P-CMM

People Capability Maturity Model

PA

process area

PAL

process asset library

~~PCA~~

~~physical configuration audit~~

PERT

Program Evaluation and Review Technique

~~PI~~

~~Product Integration (process area)~~

PMC

Project Monitoring and Control (process area)

PP

Project Planning (process area)

PPQA

Process and Product Quality Assurance (process area)

PWS

performance work statement

QA

quality assurance

QFD

Quality Function Deployment

QPM

Quantitative Project Management (process area)

RD

~~Requirements Development (process area)~~

REQM

Requirements Management (process area)

ROI

~~return on investment~~

RSKM

Risk Management (process area)

SCON

Service ContinuitySA-CMM

~~Software Acquisition Capability Maturity Model~~

SAM

~~Supplier Agreement Management (process area)~~

SCAMPI

Standard CMMI Appraisal Method for Process Improvement

SD

~~Service Delivery (process area)~~

SECM

~~Systems Engineering Capability Model~~

SEI

Software Engineering Institute

SG

specific goal

SLA

~~service level agreement~~

SOO

~~statement of objectives~~

SOW

~~statement of work~~

SP

specific practice

SSD

Service System Development (process area)

SST

Service System Transition (process area)

STSM

Strategic Service Management (process area)

SPI

schedule performance index

SW-CMM

Capability Maturity Model for Software or Software Capability Maturity Model

TS

Technical Solution (process area)

URL

uniform resource locator

VAL

Validation (process area)

VER

Verification (process area)

WBS

work breakdown structure

readlines

readlines