ISO/IEC/IEEE 24748-7:2019-02 (E)

Systems and software engineering - Life cycle management - Part 7: Application of systems engineering on defense programs

Contents

Page

1. Overview 1
   1.1 Scope 1
   1.2 Purpose 1
   1.3 Conformance 2

2. Normative references 2

3. Definitions, acronyms, and abbreviations 3
   3.1 Definitions 3
   3.2 Acronyms and abbreviations 4

4. This clause is a placeholder to align clauses with ISO/IEC/IEEE 15288 5

5. Key concepts and application of this international standard 5
   5.1 Introduction 5
   5.2 System concepts 5
   5.3 Organization and project concepts 5
   5.4 Life cycle concepts 6
   5.5 Process concepts 6
   5.6 Processes in this standard 6
   5.7 Process application 7
   5.8 Process reference model 8

6. System life cycle processes 8
   6.1 Agreement processes 8
   6.2 Organizational Project-Enabling processes 10
   6.3 Technical Management processes 14
   6.4 Technical processes 24

Annex A (normative) Tailoring process 44

Annex B (informative) Example process information items 45

Annex C (informative) Process reference model for assessment purposes 46

Annex D (informative) Process integration and process constructs 47

Annex E (informative) Process views 48

Annex F (informative) Architecture modeling 49

Annex G (informative) Application of system life cycle process to a system of systems 50

Annex H (informative) Bibliography 51