ISO/IEC TR 29110-5-6-2:2014-08 (E)

Systems and software engineering - Lifecycle profiles for Very Small Entities (VSEs) - Part 5-6-2: Systems engineering - Management and engineering guide: Generic profile group: Basic profile

Contents

Page

Foreword iv

Introduction v

1 Scope 1
1.1 Fields of application 1
1.2 Target Audience 1

2 Normative references 1

3 Terms and definitions 2

4 Symbols and abbreviated terms 4
4.1 Naming, diagramming and definition conventions 4
4.2 Abbreviated Terms 5

5 Systems Thinking 5

6 Overview 6

7 Project Management (PM) process 7
7.1 PM purpose 7
7.2 PM objectives 8
7.3 PM input products 8
7.4 PM output products 8
7.5 PM internal products 9
7.6 PM roles involved 9
7.7 PM diagram 9

8 System Definition and Realization (SR) process 18
8.1 SR purpose 18
8.2 SR objectives 18
8.3 SR input products 19
8.4 SR output products 19
8.5 SR internal products 19
8.6 SR roles involved 20
8.7 SR diagram 20

9 Roles 34

10 Product description 36

11 System tools requirements 49
11.1 System tools requirements overview 49
11.2 Project Management process 50
11.3 System Definition and Realization process 50

Annex A (informative) Systems Engineering Deployment Packages 51

Annex B (informative) Mapping between the objectives of ISO/IEC TR 29110-5-6-2 and ISO/ IEC 15288:2008 53

Bibliography 58