Metrolinx

Reliability, Availability and Maintainability Subsystem Requirements for [contracted project]

[document number]

Revision 00

Date: DD/MM/YYYY

Authorization

|  |  |  |  |
| --- | --- | --- | --- |
| Prepared by: |  |  |  |
|  | [Name][Title] |  | Date |
|  |  |  |  |
| Reviewed by: |  |  |  |
|  | [Name][Title] |  | Date |
|  |  |  |  |
| Reviewed by: |  |  |  |
|  | [Name][Title] |  | Date |
|  |  |  |  |
| Approved by: |  |  |  |
|  | [Name][Title] |  | Date |
|  |  |  |  |
| Approved by: |  |  |  |
|  | [Name][Title] |  | Date |
|  |  |  |  |

**Amendment Record**

|  |  |  |
| --- | --- | --- |
| **Revision** | **Date (DD/MM/YYYY)** | **Description of Changes** |
|  |  |  |

Contents

Section Page

[Authorization i](#_Toc156556645)

[Documents iii](#_Toc156556646)

[Acronyms and Abbreviations iv](#_Toc156556647)

[Definitions v](#_Toc156556648)

[1. Introduction 1](#_Toc156556649)

[1.1 Purpose 1](#_Toc156556650)

[1.2 Scope 1](#_Toc156556651)

[1.3 Related Specifications 1](#_Toc156556652)

[2. Subsystem Description 2](#_Toc156556653)

[2.1 Subsystem Mission/Scope 2](#_Toc156556654)

[3. Inputs to Design 3](#_Toc156556655)

[3.1 Environmental Conditions 3](#_Toc156556656)

[3.2 Maintenance Conditions 3](#_Toc156556657)

[3.3 Operation Conditions 3](#_Toc156556658)

[3.4 Standards 3](#_Toc156556659)

[3.5 Project Documents 3](#_Toc156556660)

[3.6 Manuals 3](#_Toc156556661)

[3.7 Operating Experience 4](#_Toc156556662)

[4. Subsystem Reliability, Availability and Maintainability Requirements 5](#_Toc156556663)

[4.1 Parent System RAM Requirements 5](#_Toc156556664)

[4.2 Subsystem RAM Requirements Definition Process 5](#_Toc156556665)

[4.3 Subsystem Reliability Targets 5](#_Toc156556666)

[4.4 Subsystem Availability Targets 5](#_Toc156556667)

[4.5 Subsystem Maintainability Targets 5](#_Toc156556668)

[4.6 Subsystem Logistic Support Targets 5](#_Toc156556669)

[4.7 Apportionment Strategy and Constraints 6](#_Toc156556670)

[<Appendix Title> 7](#_Toc156556671)

[A.1 7](#_Toc156556672)

Tables

[Table 0-1 Supporting Documents iii](#_Toc156556673)

[Table 0-2 Acronyms and Abbreviations iv](#_Toc156556674)

[Table 0-3 Definitions v](#_Toc156556675)

Documents

|  |
| --- |
| Table 0-1 Supporting Documents |
| Document Number | Document Title | Relation |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

Acronyms and Abbreviations

| Table 0-2 Acronyms and Abbreviations |
| --- |
| **Acronym** | **Full Name** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

Definitions

Table 0-3 Definitions

|  |  |  |
| --- | --- | --- |
| **Term** | **Definition** | **Source** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

\*This template is intended to be used in compliance with MX-SEA-PD-122 RAM Subsystem Requirements: Product Description standard\*

# Introduction

## Purpose

### Heading 3

#### Heading 4

##### Heading 5

###### Heading 6

## Scope

## Related Specifications

# Subsystem Description

## Subsystem Mission/Scope

# Inputs to Design

## Environmental Conditions

## Maintenance Conditions

## Operation Conditions

## Standards

## Project Documents

## Manuals

## Operating Experience

# Subsystem Reliability, Availability and Maintainability Requirements

## Parent System RAM Requirements

## Subsystem RAM Requirements Definition Process

###

## Subsystem Reliability Targets

## Subsystem Availability Targets

## Subsystem Maintainability Targets

## Subsystem Logistic Support Targets

## Apportionment Strategy and Constraints

<Appendix Title>

* + 1.