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## Errata for MARS Library Specification, v1r14

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Revision 0  
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## 1 Introduction

This document describes errata and clarifications for the TCG Errata for MARS Library Specification, v1r14 as published. The information in this document is likely – but not certain – to be incorporated into a future version of the specification. Suggested fixes proposed in this document may be modified before being published in a later TCG Specification. Therefore, the contents of this document are not normative and only become normative when included in an updated version of the published specification. Note that since the errata in this document are non-normative, the patent licensing rights granted by Section 16.4 of the Bylaws do not apply.

## 2 Errata

### 2.1 Errata 1

Section 5.2 incorrectly asserts a normative requirement on a MARS Profile. The intent instead is to place the requirement on MARS itself.

**Current:**

A Profile requiring self-testing **MUST** ensure that testable logic is tested before it is used. Any failed test causes MARS to enter failure mode (see section 5.3.1). Where self-testing is required, one of the following two behaviors **MUST** be specified:

**Change to:**

Where self-testing is required, MARS **MUST** ensure that testable logic is tested before it is used. Any failed test causes MARS to enter failure mode (see section 5.3.1). With self-testing, one of the following two behaviors **MUST** be implemented:

### 2.2 Errata 2

Section 5.3.2 should specify a stronger requirement on the level of protection for the PS.

**Current:**

The PS **MUST** be in a form appropriate for the implemented KDF to derive the initial Derivation Parent (DP) and **SHOULD** have at least the highest level of protection required for all PS uses.

**Change to:**

The PS **MUST** be in a form appropriate for the implemented KDF to derive the initial Derivation Parent (DP) and **MUST** have at least the highest level of protection required for all PS uses.

### 2.3 Errata 3

Section 5.3.4.3 should not impose a normative requirement on the application accessing MARS.

**Current:**

MARS commands that use regSelect do not return the values of the selected registers. To obtain the registers' values, MARS\_RegRead() (see section 8.3.2) **MUST** be used after regSelect is processed.

**Change to:**

The updated value of TSR can be read using MARS\_RegRead() (see section 8.3.2).