

DE&S SAFETY AND ENVIRONMENTAL BULLETIN (SEB)

Serial Number: SEB 048

Keeping our Safety and Environmental Practitioners informed

Mandating the Use of the Safety Case Maturity Tool (SCMT)

When it takes effect:	Immediately
Valid for:	Until rescinded
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Description

This SEB has been produced to mandate the use of the Safety Case Maturity Tool (SCMT) for all Platforms and Large Complex Systems¹.

Introduction

DE&S Strategic Risk 5 is defined as:

“There is a risk that factors contributing to a significant injury or death, which were reasonably foreseeable, were not captured in the Platform, System, and Service (PSS) Safety Case”

The aim of the SCMT is to assess the level of this risk, the adoption of the SCMT is one element to successfully mitigate this risk.

Background

The DE&S corporate Strategic Risk 5 (SR5) has been recast, as it was no longer considered to be manageable; the emphasis was on the failure of the DE&S Safety Management System (SMS). SR5 was deemed to be too broad, to be effectively assessed and realistically mitigated any further.

¹ System of Systems which when integrated have: no clear design authority outside of MOD, or level of autonomy has a significant integration risk, or new innovative and emergent technologies.

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The recasting of SR5 was to change risk event emphasis, from a failure of the DE&S SMS to a risk attributed to the status of the PSS Safety Cases/Assessments. The DE&S Executive Committee (ExCo) agreed to the recasting of SR5 and the production, and implementation of a SCMT was directed as one of the means of mitigation. Implementation of the SCMT provides a means of reviewing, measuring, and assessing the maturity of the Safety Cases.

With the shift in emphasis of SR5, there is a drive for transparency and to uncover any weaknesses in Safety Cases/Assessments, either through the lack of robust safety arguments and/or insufficient evidence. The more weaknesses/failings that are uncovered, the more realistic the level of safety risk carried by DE&S can be determined and once identified, can be managed.

The SCMT is viewed as a vehicle, to identify and communicate the full extent of the corporate safety risk (SR5) carried by DE&S. Personnel need to approach the activity with an objective mind-set and be prepared to justify their assessments, the activity is aimed at finding the gaps, not achieving a high score.

Overview

The SCMT which can be found [here](#), is underpinned by a generic construct for an ideal Safety Case, this has been developed from best practise from across the Domains. The SCMT is non-domain specific, therefore terminology may not be exact per domain; however, it is readily translatable across domains.

The aim of the SCMT is to provide a common approach to assessing the delivered Safety Case report/assessment. Delivery Teams do not have to modify existing Safety Cases to align to the SCMT approach, rather this is a tool to support analysis of the Safety Case, find the gaps and put in the appropriate steps to mitigate these gaps.

Actions to be taken

1. [For cascading as appropriate]

Released under the Authority of

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