

MODAF. SV-10a Resource Constraints Specification

Description

The purpose the SV-10a Resource Constraints Specification is to specify functional and non-functional constraints on the implementation aspects of the architecture (i.e. the structural and behavioral elements of the SV viewpoint). SV-10a describes constraints on the resources, functions, data and ports that make up the SV physical architecture.






The constraints are specified in text and may be functional or structural (i.e. non-functional).

Implementation

SV-10a can be represented using:

- SV-10a table.
- [SV-10a Resource Parametric diagram](#).
- SV-10a spreadsheet report.

Sample

#	Applies To	Rule Specification
1	 Aircraft	At each location, one helicopter should be available at 15 minutes readiness between 0800 and 2200 hours with another available at 60 minutes readiness between 0800 hours and evening civil twilight (ECT). Between 2200 and 0800 hours, one helicopter should be held at 45 minutes readiness.
2	 Aircraft	Other RAF and RN helicopters can be used on SAR missions when available. Requests for such assistance should be made through the ARCC.
3	 Aircraft	All RAF SAR helicopter rear crew should be medically trained
4	 Distress Beacon	Should be capable of processing beacon alerts on 121.5 MHz, 243 MHz and 406 MHz.
5	 Naval Ship	Only SOLAS regulated ships of 300 GT and above are required to carry AIS.

SV-10a Resource Constraints Specification

Related views

SV-10a describes constraints on resources, functions, and data that make up the SV physical architecture.

Where a Resource Constraint is based on some standard, then that standard should be listed in the Standards Profile (TV-1).

Related elements

- [Resource Constraint](#)
- [Resource Artifact](#)
- [Software](#)
- [Capability Configuration](#)
- [Organization](#)
- [Post](#)
- [Function](#)
- [Resource Interaction Kind](#)
- [Data Element](#)

Related procedures

- [Creating the SV-10a table](#)
- [SV-10a Resource Parametric](#)