

SvcV-10a Services Rules Model

Description

The SvcV-10a is to specify functional and nonfunctional constraints on the implementation aspects of the architecture (that is, the structural and behavioral elements of the Services Model).

The SvcV-10a describes constraints on the resources, functions, data and ports that make up the Service Model.

The constraints are specified in text and may be functional or structural (that is, non-functional).










The intended usage of the SvcV-10a includes:

- Definition of implementation logic.
- Identification of resource constraints.

Implementation

SvcV-10a can be represented using:

- SvcV-10a table.

| # | Applies To | Rule Specification | Rule Kind |
|---|--|---|------------|
| 1 |  Fire and Rescue Service | In addition to fire fighting within the area of responsibility Fire Authority may use resources for other purposes which currently can include those incidents involving chemicals, road traffic accidents, rescue. | Constraint |
| 2 |  UK Radio Medical Advice Service | Vessels making calls on either VHF or MF radio, or telephone call requiring medical advice or assistance should be provided with a radio/telephone link to the appropriate medical authorities. | Constraint |
| 3 |  Channel Navigation Information Service | Makes regular safety broadcasts, which include weather conditions and other occurrences within the traffic separation scheme to assist vessels in their passage planning through this busy waterway 24 hours a day. | Constraint |
| 4 |  Fire and Rescue Service | Fire Brigades should have the ability to mobilize personnel and equipment quickly to almost any part of the UK mainland and generally receive calls for assistance through the public service communications network. | Constraint |
| 5 |  Fire and Rescue Service | Each Fire Authority is required to make provision for firefighting within its area. | Constraint |
| 6 |  UK Radio Medical Advice Service | If medical advice requires the casualty to be taken off the vessel then the MRCC/MRSC providing the link will arrange for the casualty to be transported from the vessel to a hospital. | Guidance |
| 7 |  Channel Navigation Information Service | Provides continuous radar surveillance of the Straits of Dover to ensure vessels transiting the Straits do so in accordance with the International Regulations for Preventing Collisions at Sea 24 hours a day. | Constraint |
| 8 |  Channel Navigation Information Service | Vessels over 300 Gross Registered Tonnes (GRT) should be required to report | Constraint |
| 9 |  Emergency Towing Cover Service | MCA charts four Emergency Towing Vessels (ETVs) to provide emergency towing cover in high risk shipping areas 24 hours a day. | Constraint |

- [SvcV-10a Services Parametric diagram](#).
- SvcV-10a spreadsheet report.

In contrast to the [OV-6a Operational Rules Model](#), the SvcV-10a focuses physical and data constraints rather than business rules.

Related elements

- [Constraint](#)
- [Service](#)

Related procedures

- [Creating SvcV-10a table](#)
- [SvcV-10a Services Parametric](#)