Operational Constraints

Description

The Operational Constraints (Op-Ct) view concerns defining operational limitations, constraints and performance parameters for the enterprise. It specifies traditional textual operational or business rules that are constraints on the way that business is done in the enterprise. The addition of SysML parametrics provides a computational means of defining operational constraints across the enterprise or within a specific operational context.

The intended usage of the Operational Constraints (Op-Ct) view includes:

- Definition of doctrinally correct operational procedures.
- Definition of business rules.
- Identification of operational constraints.

Implementation

The Operational Constraints (Op-Ct) view is represented by:

- Operational Constraints table.
- Operational Constraints Definition diagram.
- Operational Constraints Excel Spreadsheet report.

Sample

#	▽ Applies To	Rule Specification	Rule Kind
1	◇ Send Distress Signal	The maximum range for distress signals shall be posted on all ports and marinas	Constraint
2	◇ Search	Search personnel shall operate on a shift system to ensure they can perform to maximum efficiency	Constraint
3	◇ Monitor For Distress Signal	Distress signals shall be monitored 24/7	Constraint

An example of the Operational Constraints table

Related elements

- Operational Constraint
- Information Element
- Operational Performer
- Operational Activity
- Operational Exchange
- Operational Agent
- Data Model
- Rule
- Subject Of Operational Constraint

Related procedures

- Working with Operational Constraints table
- Working with Operational Constraints Definition diagram

- Generating document based reports