

MODAF. SV-10c Resource Event-Trace Description

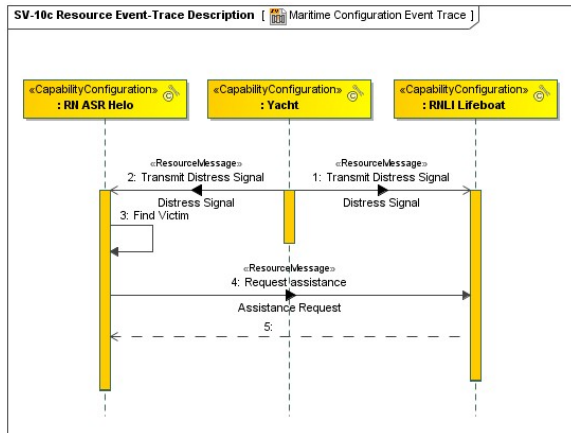
Description

The Resource Event-Trace Description provides a time-ordered examination of the interactions between functional resources. Each event-trace diagram will have an accompanying description that defines the particular scenario or situation. The SV-10c is valuable for moving to the next level of detail from the initial solution design, to help define a sequence of functions and system data interfaces, and to ensure that each participating Resource or System Port role has the necessary information it needs, at the right time, in order to perform its assigned functionality.

Implementation

SV-10c can be represented using a UML Sequence diagram.

Sample



SV-10c Resource Event-Trace Description



You can also create SV-10c Business Process Diagram (BPD). In order to do that, use the Cameo Business Modeler plugin. For more information on how to model the business process diagram, see [BPMN Process Diagram](#).

Related views

The SV-10c is typically used in conjunction with the Resource State Transition Description (SV-10b) to describe the dynamic behavior of resources.

The data content of 'messages' that connect life-lines in an SV-10c View Product may be related, in modelling terms, with resource interactions (SV-1, 3), data flows (SV-4, 6) and data schema entities (SV-11) modeled in other views.

- Resource Event Trace
- Resource Message
- Resource Role
- Resource Interaction
- Exchange Element
- Energy
- Materiel
- Resource Artifact
- Software
- Capability Configuration
- Organization
- Post

- Resource Interaction Creation Wizard
- Resource Interaction Manager Dialog