MODAF. SV-6 Systems Data Exchange Matrix

Description

The Systems Data Exchange Matrix specifies the characteristics of the system data exchanged between systems. The focus is on data crossing the system boundary. An SV-6 focuses on the specific aspects of the system data flow and the system data content in a tabular format.

Implementation

SV-6 can be represented using:

- A SV-6 table.
- An SV-6 role-based table.

> ⚠ A role-based table represents exchanges between Resource Roles(resource usages).

- A SV-6 spreadsheet report.

Sample

#	Resource Interaction Item	Sending Resource	Receiving Resource	Producing Function	Consuming Function
1	Distress Signal	Distress Beacon	ESM System	Transmit Distress Signal	Receive Distress Signal
2	Message	Voice Radio	Voice Radio	Broadcast Message	Receive Message
3	TDM	Link 16 Terminal	Link 16	Send TDM	Receive TDM
4	TDM	Link 16	Link 16 Terminal	Send TDM	Receive TDM
5	Track	ESM System	Link 16 Terminal	Send Track Information	Receive Track Information
6	Track	ESM System	Link 16	Send Track Information	Receive Track Information

Systems Data Exchange Matrix

Related views

SV-6 is the physical equivalent of the logical OV-3 table and provides detailed information on the system connections which implement the information exchanges specified in an OV-3.

Related elements

- Resource Artifact
- Software
- Capability Configuration
- Organization
- Post
- Exchange Element
- Resource Interaction
- Materiel
- Energy

Related procedures

- Adding Existing Resource Interaction to SV-6 table