

MODAF. SV-5 Function to Operational Activity Traceability Matrix

Description

The Function to Operational Activity Traceability Matrix (SV-5) addresses the linkage between functions described in an SV-4 and Operational Activities specified in an OV-5. The SV-5 View depicts the mapping of functions (and, optionally, the functional resources that provide them) to operational activities and thus identifies the transformation of an operational need into a purposeful action performed by a system or solution.

Implementation

SV-5 can be represented using a SV-5 diagram which is an editable Dependency Matrix. The Functions will be used as the row elements and the Operational Activities will be used as the column elements.

Sample

	Find Victim	Monitor Health	Process Warning Order	Provide Medical Assistance	Receive Distress Signal	Recover Victim	Rescue	Search	Send Distress Signal	Send Warning Order	Transit To SAR Operation
	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕	↕
SV-4	1			1	1	2			2		
Apply First Aid				↗							
Broadcast Message									↗		
Determine Destination	↗										
Interact in the marine environment											
Receive Distress Signal											
Receive Message					↗						
Receive TDM											
Receive Track Information											
Recover Victim						↗					
Send Message									↗		
Send TDM											
Send Track Information											
Transmit Distress Signal											
Transport						↗					

SV-5 Function to Operational Activity Traceability Matrix

Related views

An SV-5 addresses the linkage between the functions described in an SV-4 and the Operational Activities specified in an OV-5.

Related elements

- [Function](#)
- [Operational Activity](#)
- [Implements](#)

Related procedures

- [Building SV-5 matrix](#)
- [Resources to Capabilities Mapping matrix](#)
- [Using Implied Relations](#)