

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