NOV-3 Operational Information Requirements

Description

Information exchanges express the relationship across the three basic architecture data elements of an NOV (operational activities, operational nodes, and information flow) with a focus on the specific aspects of the information flow and the information content.

The Information Exchanges of the NOV-3 should remain at a high level of aggregation to represent actual information workflow products that are used at the operational nodes shown in the NOV-2 (and not their subordinate operational nodes).

Implementation

NOV-3 can be represented using:

- An NOV-3 table.
- An NOV-3 role-based table.

> ⚠️ A role-based table represents exchanges between Node Roles(node usages).

- An NOV-3 spreadsheet report.

Sample

#	Operational Exchange Item	Sending Node	Receiving Node	Producing Operational Activity	Consuming Operational Activity
1	ⓘ Request	Tactical C2 Node	SAR Asset Controller		
2	ⓘ Control Order	Tactical C2 Node	Rescue Node		
3	ⓘ Control Order	Tactical C2 Node	Search Node		
4	ⓘ Warning Order	Search Node	Place Of Safety	Send Warning Order	Process Warning Order
5	ⓘ Medical Condition	Search Node	Rescue Node	Monitor Health	Provide Medical Assistance
6	ⓘ Task	SAR Asset Controller	Search Node		
7	ⓘ Task	SAR Asset Controller	Rescue Node		
8	ⓘ Distress Signal	Person In Distress	Search Node	Send Distress Signal	Receive Distress Signal
9	ⓘ Distress Signal	Person In Distress	Rescue Node	Send Distress Signal	Receive Distress Signal
10	ⓘ Distress Signal	Person In Distress	Monitoring Node		
11	ⓘ Track Info	Monitoring Node	Tactical C2 Node		

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Related views

An NOV-3 is initially constructed from the information contained in the NATO Operational Node Connectivity Description (NOV-2).

Related elements

- Node
- Operational Exchange
- Exchange Element
- Energy
- Materiel
- Resource Artifact
- Post
- Software
- Capability Configuration
- Organization
- Operational Activity

Related procedures

- Creating NOV-3 table
- Displaying Custom Measurements