

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 | ① Request | 🔗 Tactical C2 Node | 🔗 SAR Asset Controller | | |
| 2 | ① Control Order | 🔗 Tactical C2 Node | 🔗 Rescue Node | | |
| 3 | ① Control Order | 🔗 Tactical C2 Node | 🔗 Search Node | | |
| 4 | ① Warning Order | 🔗 Search Node | 🔗 Place Of Safety | 🔗 Send Warning Order | 🔗 Process Warning Order |
| 5 | ① Medical Condition | 🔗 Search Node | 🔗 Rescue Node | 🔗 Monitor Health | 🔗 Provide Medical Assistance |
| 6 | ① Task | 🔗 SAR Asset Controller | 🔗 Search Node | | |
| 7 | ① Task | 🔗 SAR Asset Controller | 🔗 Rescue Node | | |
| 8 | ① Distress Signal | 🔗 Person In Distress | 🔗 Search Node | 🔗 Send Distress Signal | 🔗 Receive Distress Signal |
| 9 | ① Distress Signal | 🔗 Person In Distress | 🔗 Rescue Node | 🔗 Send Distress Signal | 🔗 Receive Distress Signal |
| 10 | ① Distress Signal | 🔗 Person In Distress | 🔗 Monitoring Node | | |
| 11 | ① 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