# **OV-3 Operational Resource Flow Matrix**

## Description

The OV-3 addresses operational Resource Flows exchanged between Operational Activities and locations.

Resource Flows provide further detail of the interoperability requirements associated with the operational capability of interest. The focus is on Resource Flows that cross the capability boundary.

The intended usage of the OV-3 includes definition of interoperability requirements.

#### Implementation

OV-3 can be represented using:

• OV-3 table.

#	Exchange ID	Operational Exchange Item	Sending Operational Performer	Receiving Operational Performer	Producing Operational Activity	Consuming Operational Activity
1	OE9	IE2 Task	😞 SAR Asset Controller	😞 Rescue Node		
2	OE8	IE5 Request	윤 Tactical C2 Node	😞 SAR Asset Controller		
3	OE7	IE4 Control Order	😞 Tactical C2 Node	😞 Search Node		
4	OE6	IE3 Track Info	😞 Monitoring Node	😞 Tactical C2 Node		
5	OE5	IE4 Control Order	😞 Tactical C2 Node	😞 Rescue Node		
6	OE4	IE7 Distress Signal	😞 Person In Distress	😞 Monitoring Node		
7	OE3	IE7 Distress Signal	😞 Person In Distress	😞 Rescue Node	승 Send Distress Signal	🔶 Receive Distress Signal
8	OE2	IE9 Medical Condition	😞 Search Node	& Rescue Node	Honitor Health	Recover Victim
9	OE13	IE7 Distress Signal	😞 Person In Distress	😞 Search Node	승 Send Distress Signal	🔶 Receive Distress Signal
10	OE12	IE2 Task	😞 SAR Asset Controller	😞 Search Node		
11	OE1	IE6 Warning Order	😞 Search Node	😞 Place Of Safety	승 Send Warning Order	🔶 Process Warning Order

OV-3 role-based table.

Be-based table represents exchanges between Operational Roles (the usages of Operational Performers).

#	Exchange ID	Operational Exchange Item	Sending Role	Sending Operational Performer	Receiving Role	Receiving Operational Performer	Producing Operational Activity	Consuming Operational Activity
1	OE1	IE6 Warning Order	🔗 Searcher	😞 Search Node	🚰 POS	😞 Place Of Safety	🔶 Send Warning Order	🔶 Process Warning Order
2	OE2	IE9 Medical Condition	🔗 Searcher	😞 Search Node	Rescuer	용 Rescue Node	谷 Monitor Health	Recover Victim Provide Medical Assistance
3	OE2	IE9 Medical Condition	🔗 Searcher	😞 Search Node	Rescuer DS	용 Rescue Node	➢ Monitor Health	Recover Victim Provide Medical Assistance
4	OE2	IE9 Medical Condition	🔗 Searcher	😞 Search Node	Rescuer NS	용 Rescue Node	➢ Monitor Health	Recover Victim Provide Medical Assistance
5	OE3	IE7 Distress Signal	Street Victim	🐣 Person In Distress	🔗 Rescuer	😞 Rescue Node	🔶 Send Distress Signal	🔶 Receive Distress Signal
6	OE3	i IE7 Distress Signal	🔗 Victim	🐣 Person In Distress	🔗 Rescuer NS	용 Rescue Node	🔶 Send Distress Signal	🔶 Receive Distress Signal
7	OE3	IE7 Distress Signal	Street Victim	🐣 Person In Distress	🔗 Rescuer DS	윤 Rescue Node	🔶 Send Distress Signal	🔶 Receive Distress Signal
8	OE4	IE7 Distress Signal	🔗 Victim	🐣 Person In Distress	🔗 MN	용 Monitoring Node		
9	OE6	IE3 Track Info	S MN	🐣 Monitoring Node	🖧 TC2N	😞 Tactical C2 Node		
10	OE7	IE4 Control Order	Str TC2N	🐣 Tactical C2 Node	🔗 Searcher	😞 Search Node		
11	OE8	IE5 Request	🔗 TC2N	🐣 Tactical C2 Node	🔗 SAR AC	용 SAR Asset Controller		
12	OE9	IE2 Task	SAR AC	😞 SAR Asset Controller	🔗 Rescuer	😞 Rescue Node		
13	OE9	i IE2 Task	🔗 SAR AC	🐣 SAR Asset Controller	🔗 Rescuer DS	용 Rescue Node		
14	OE9	I IE2 Task	SAR AC	윤 SAR Asset Controller	🔗 Rescuer NS	😞 Rescue Node		
15	OE12	IE2 Task	🔗 SAR AC	😞 SAR Asset Controller	🔗 Searcher	😞 Search Node		
16	OE13	IE7 Distress Signal	🔗 Victim	윤 Person In Distress	🔗 Searcher	😞 Search Node	🔶 Send Distress Signal	🔶 Receive Distress Signal

• OV-3 spreadsheet report.

### **Related elements**

- Operational Performer Operational Role
- ٠ Information Element •
- **Operational Activity**

#### **Related procedures**

- Creating OV-3 table
  Creating OV-3 role-based table
  Displaying Custom Measurements