DoDAF Operational & Systems Viewpoints

By Gary Bowman — Emerging Tech LLC — November 2022

[**Operational Viewpoint**](#_l35t9fvszda2) **2**

[OV-1: High-Level Operational Concept Graphic](#_jn32g029sr8c) 2

[OV-2: Operational Resource Flow Description](#_4zzu2rvy4fv9) 2

[OV-3: Operational Resource Flow Matrix](#_h4cyzaiy126d) 3

[OV-4: Organizational Relationships Chart](#_laemytkqohjp) 3

[OV-5a: Operational Activity Decomposition Tree](#_3cdebfie0eoo) 3

[OV-5b: Operational Activity Model](#_jbs69kedus6x) 3

[OV-6a, 6b, 6c: Introduction](#_1vbjv2ilmojh) 3

[OV-6a: Operational Rules Model](#_mmtfuvghu6f5) 3

[OV-6b: State Transition Description](#_6uu0rp019ch) 3

[OV-6c: Event-Trace Description](#_9t2e1ocyzjel) 4

[**Systems Viewpoint**](#_8ssdfo3rq4e) **4**

[SV-1 Systems Interface Description](#_d0k0lqx85py6) 4

[SV-2 Systems Resource Flow Description](#_2zod8ojwwrck) 4

[SV-3 Systems-Systems Matrix](#_o553tnk7iqi9) 4

[SV-4 Systems Functionality Description](#_l42x3c4o5dex) 4

[SV-5a Operational Activity to Systems Function Traceability Matrix](#_4oqss7718d9s) 4

[SV-5b Operational Activity to Systems Traceability Matrix](#_vce7a5x516bj) 4

[SV-6 Systems Resource Flow Matrix](#_sdamb0p5hyd) 4

[SV-7 Systems Measures Matrix](#_85g6schaon2) 4

[SV-8 Systems Evolution Description](#_6f4gxkz939hs) 4

[SV-9 Systems Technology & Skills Forecast](#_6cf61e4otgxd) 4

[Introduction to SV-10a, SV10b, and SV-10c](#_glawgkedklyq) 4

[SV-10a Systems Rules Model](#_ucnuclhblozm) 4

[SV-10b Systems State Transition Description](#_ipk0i78qt3nq) 5

[SV-10c Systems Event-Trace Description](#_31rcw3cjomes) 5

# Operational Viewpoint

## OV-1: High-Level Operational Concept Graphic

This is the highest level graphic of a system. It shows the connections between the parts of a system without actually detailing how these connections would function.

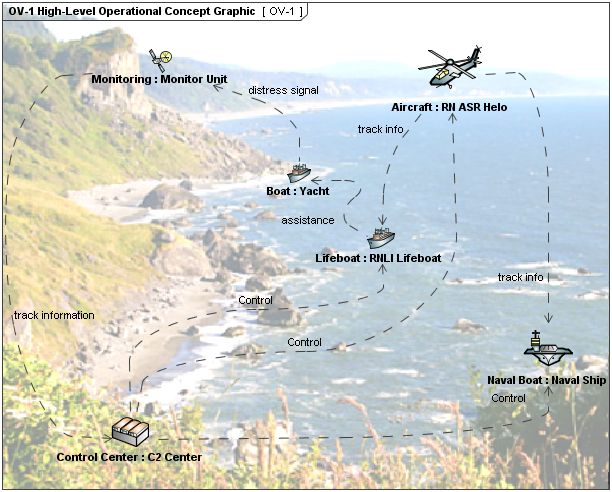
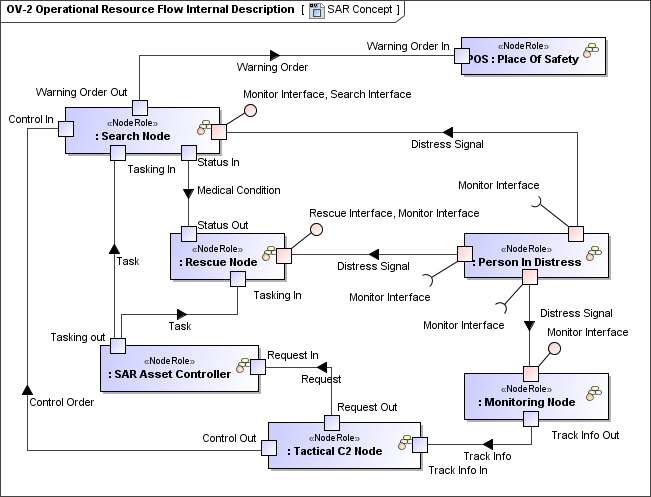


Figure 1: An example of a OV-1 created for NAVY

You can see in the figure above how there are simple 1 word descriptions given to each connection. This can help people without deep technical knowledge to get a general understanding of the system we are working on. Simplicity is important in some instances and this would be one of them.

## OV-2: Operational Resource Flow Description



## OV-3: Operational Resource Flow Matrix

## OV-4: Organizational Relationships Chart

## OV-5a: Operational Activity Decomposition Tree

## OV-5b: Operational Activity Model

## OV-6a, 6b, 6c: Introduction

## OV-6a: Operational Rules Model

## OV-6b: State Transition Description

## OV-6c: Event-Trace Description

# Systems Viewpoint

## SV-1 Systems Interface Description

## SV-2 Systems Resource Flow Description

## SV-3 Systems-Systems Matrix

## SV-4 Systems Functionality Description

## SV-5a Operational Activity to Systems Function Traceability Matrix

## SV-5b Operational Activity to Systems Traceability Matrix

## SV-6 Systems Resource Flow Matrix

## SV-7 Systems Measures Matrix

## SV-8 Systems Evolution Description

## SV-9 Systems Technology & Skills Forecast

## Introduction to SV-10a, SV10b, and SV-10c

## SV-10a Systems Rules Model

## SV-10b Systems State Transition Description

## SV-10c Systems Event-Trace Description