

C7 Performance Parameters

Description

The C7 Performance Parameters view lists the measures of effectiveness and the Capabilities they are applicable to. The capability requirements (and existing capabilities) are often expressed in terms of measures of effectiveness (MoE). These are high-level metrics used to judge the level of capability.

The C7 view does not present any values for measures of effectiveness, it simply specifies what types of measure apply to each Capability.

The C7 view may be used to:

- Set a Capability Requirements.
- Military Estimates.
- Strategic Reviews.
- Plan an Assumptions.

Implementation

The C7 view can be represented using:

- C7 Actual Performance Parameters table.

Criteria
Scope (optional): Drag elements from the Model Browser

#	Resource	Performance Requirement	Measure	Metric
1	SAR	terrainType	Plain	String
2	SAR	findTime	15	
3	SAR	persistence	True	
4	SAR	searchCoverage	50	m
5	SAR	weatherConditions	Good	String
6	Search	Min. Status Change Alert Accuracy	500	meters
7	Search	Min. Alert Response Time	30	seconds

- C7 Performance Parameters table.

Criteria
Scope (optional): Drag elements from the Model Browser

#	Measurement Set	Measurement	Resource
1	Land SAR Measurements	terrainType : String	SAR
2	Signal Processor Measurements	Comms Channel Bandwidth Support : GB	Assistance
3	Standard SAR Measurements	findTime persistence searchCoverage : m weatherConditions : String	SAR
4	Status Alerting Measurements	Min. Status Change Alert Accuracy : meters Min. Alert Response Time : seconds	Search

Related elements

- Capability
- Measurement Set
- Measurement

Related procedures

- [Creating C7 typical table](#)
- [Creating C7 Actual table](#)