



# Scenarios and Scope

RSSGWG



We obviously have to handle this case:

**α)** A current operator wishes to withdraw.

It's at the core of RSSAC 37 and inherent in the Concept document

We most likely don't have to handle this:

**w)** An asteroid destroys all mammalian life on earth.

I know I'm relieved not to have to worry about that, at least in this context.

Are there scenarios between  $\alpha$  and  $\omega$  ?

Like use cases for a protocol design, these scenarios indicate the scope for the design.

## Hypothetical 1

If an operator wishes to subcontract to an external service, does the PMMF function provide advice? If so, when?

Can the SAPF require subcontracts adhere to specific guidelines?

## Hypothetical 2

If an operator needs a financial infusion to continue as an operator, does the FF act on its request, or on the request of the SAPF, or not at all?

## Hypothetical 3

If an operator is sold, does this trigger any action by the DRF?

## How to use scenarios (1)

We can complete a design to handle only operator changes and provide an update mechanism for changes required by later scenarios.



## How to use scenarios (2)

We can complete a design and test its utility when faced with hypothetical scenarios.

## How to use scenarios (3)

We can sketch the core functions required by the known scenario and then identify new functions needed by other scenarios.

The final shape emerges from the set of functions that process identifies.

A one-scenario design could be simpler

A truly comprehensive design never ends

Where does the WG want to draw the line?