

SWIM-SERV-003 Define abbreviations

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Requirement

Title	Define abbreviations and acronyms
Identifier	SWIM-SERV-003
Requirement	A service description shall define all used abbreviations and acronyms and be in accordance with the AIRM abbreviation list [RD 4].
Rationale	It is best practice to document all abbreviations and acronyms used in a document.
Verification	Completeness: Verify that all used acronyms and abbreviations are defined in the service description. Consistency: For abbreviations/acronyms existing in AIRM, verify that the definitions are the same. Correctness: Not Applicable.
Examples/Notes	Note: It is allowed to use abbreviations/acronyms not defined in AIRM abbreviation list [RD 4]. However, when using one of those, their definitions must be the same.
Level of Implementation	Mandatory

Guidance

Examples

See the [Abbreviations section](#) within the [Donlon TOBT Setting Service Description](#).

Guidance for JSON service description



tentative JSON Guidance

[Guidance for JSON service descriptions](#) integrated within the [SWIM Service Description Handbook](#).

Schema

The guidance concerns JSON Schema v0.0.3 (see [Schema releases](#)).

```

"DescriptionInformation" :
{
  "description" : "Information identifying the service description.",
  "type": "object",
  "additionalProperties": false,
  "required": ["serviceDescriptionIdentification", "abbreviations"],
  "properties":
  {
    "abbreviations":
    {
      "description" : "Abbreviations or acronyms used by the service
description.",
      "type" : "array",
      "items" : { "$ref": "#/definitions/Abbreviation" },
      "SemanticCorrespondence" : "No Semantic Correspondence
established"
    }
  }
}

"Abbreviation" :
{
  "description" : "An abbreviation or acronym used by the service description.
[SWIM-SERV-003]",
  "type": "object",
  "additionalProperties": false,
  "required": ["name", "description"],
  "properties":
  {
    "name":
    {
      "description" : "The name of the abbreviation. [SWIM-SERV-003]",
      "type" : "string",
      "minLength":1
    },
    "description":
    {
      "description" : "The description of the abbreviation.",
      "type" : "string",
      "minLength":1
    }
  }
}

```

Rules expressed for the cases as defined in Registry URD.

case	rules
COMPLIANT	Mandatory
CANDIDATE	same
DEFINITION	same

Guidance

Within field abbreviations, itself within field descriptionInformation), fill **zero or more** instances of Abbreviations.

i zero or more

The abbreviation attribute is mandatory. The list of abbreviations can however be empty in the following cases

- There are no abbreviation used in the document
- The abbreviations are systematically made explicit, such as in "IFR (Instrument Flight Rules)".

Abbreviation - Mandatory - zero or more

attribute	type	description	guidance	rule
name	string	The name of the abbreviation	The abbreviated form eg "IFR". Verification: Check if the abbreviation exists in AIRM, verify the term is the same.	Mandatory
description	string	The description of the abbreviation.	The term in full lenth eg "Instrument Flight Rules". Verification: Check if the term exists in AIRM and is abbreviated, verify the abbreviation is the same.	Mandatory

Example

```
"descriptionInformation": {  
  "abbreviations": [  
    {  
      "name": "TOBT",  
      "description": "Target Off-Block Time"  
    }  
  ]  
}
```

A complete JSON example is available in page [JSON example - Donlon TOBT Setting service description](#).