

5.3. Taxonomy structure

ECCAIRS and SRIS taxonomies have the same structure in 4 levels:

- Entities
- Attributes
- Value Lists
- Values

5.3.1 Entities

Entities represent objects to which attributes are assigned.

An entity could be, for example, the "Aircraft" involved in an incident or the "Events" describing the incident.

Multiple instances of an entity can exist if several such objects are involved in an event.

Entities can have child entities, e.g. "Engine" is a child entity of "Aircraft". Entities can also be linked to other entities.

5.3.1.1 Entities information

Entities in the Taxonomy tree are marked with  icon. When the Entity is a Linked Entity, it is also marked in green colour.

The following information will be displayed on the right side of the screen when the Officer clicks on an Entity in the Taxonomy tree:

- Entity information: A summary of the selected Entity.
- Parent Entities: The list of its parent Entities
- Child Entities: The list of its children Entities
- Attributes. The list of its Attributes

Click on each tab (Parent Entities, Child Entities, Attributes) to view the relevant information:

Structure

Value List

Type:

Group:

Domain:

☒ Is Linked

CLEAR FILTER

SEARCH

Recommendation

All Attributes

Addressee

All Attributes

90 days due date

Addressee

Areas of concern

Completion %

Date for first reply

Date response closed

Recomm. received

Recommendation assessment

Response priority

Response status

Addressee

Entity ID: 22

Description: Addressee

Detailed: The addressee response details.

Explanation: The details about the addressee and its response.

XSD Tag: Response

Parent: Recommendation

Parent Entities

Child Entities

Attributes

ID ^	Description	Custom
		(All)
50	Addressee	
52	Recomm. received	
53	Date for first reply	
55	Recommendation assessment	
56	Response priority	
58	Response status	
59	Date response closed	
100	Completion %	

5.3.2 Attributes

Attributes describe properties/values associated with an entity. An attribute of the “Aircraft” entity is, for instance, its "manufacturer/model". Attributes can have single or multiple values.

- Number
- Decimals
- Text
- Alphanumeric
- Date
- Time
- DateTime
- Longitude
- Latitude
- Code
- Code and Additional Text
- Code or Alternative Text
- ECCAIRS Resource Locator
- ECCAIRS Data Link
- ECCAIRS Embedded Data

5.3.2.1 Attributes information

The Attributes are marked with icon in the Taxonomy Tree.

The Officer can view the information of an Attribute from two places in the Taxonomy Browser:

- a. Find an attribute in the Taxonomy Tree and click it:

Closure date	
DEFINITION	VALUES
Attribute ID: 27	Attribute Type: Manual Entry
Description: Closure date	Data Type: Date
Default: Date recommendation closed	Size: Decimals: 0
Explanation: The date the recommendation was closed by the originator. NB: Enter as dd/mm/yyyy or use the calendar function.	Class Unit:
XSD Tag: A27	Storage: Display:
Group:	Value List:
Synonymy: SRS	Read Only: ✗
Reference:	
Domain: Public	
Entity: Recommendation	
Personal Data: ✗	
Custom Attrs: ✗	
INSTANCE	ADVANCED PROPERTIES
Mandatory: Optional	Cast Type:
Multiple: Single value	Limit Case:
Values:	Input Mask: Link Width: Output Mask:

- b. Select the Entity to which the Attribute belongs and click on the 'Attribute' tab. The Officer will see all the Attributes of the selected Entity.

Aircraft		
Entity ID:	9	Description: Aircraft
Detailed:	The aircraft information.	
Explanation:	Information on involved aircraft.	
XSD Tag:	Aircraft	
Parent:	Occurrence	

Parent Entities	Child Entities	Attributes
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ID#	Description	Custom	Mandatory	Multiple Values
T	T	(Alt)	T	T
38	Registration		Optional	Single value
39	Manufacturer model		Optional	Single value
94	Operator		Optional	Single value
136	Category		Optional	Single value
137	Mass price		Optional	Single value
138	Max take off mass		Optional	Single value
139	Engine model		Optional	Single value
189	Operation type		Optional	Single value

Click on the 'Eye' icon to view the detailed information.

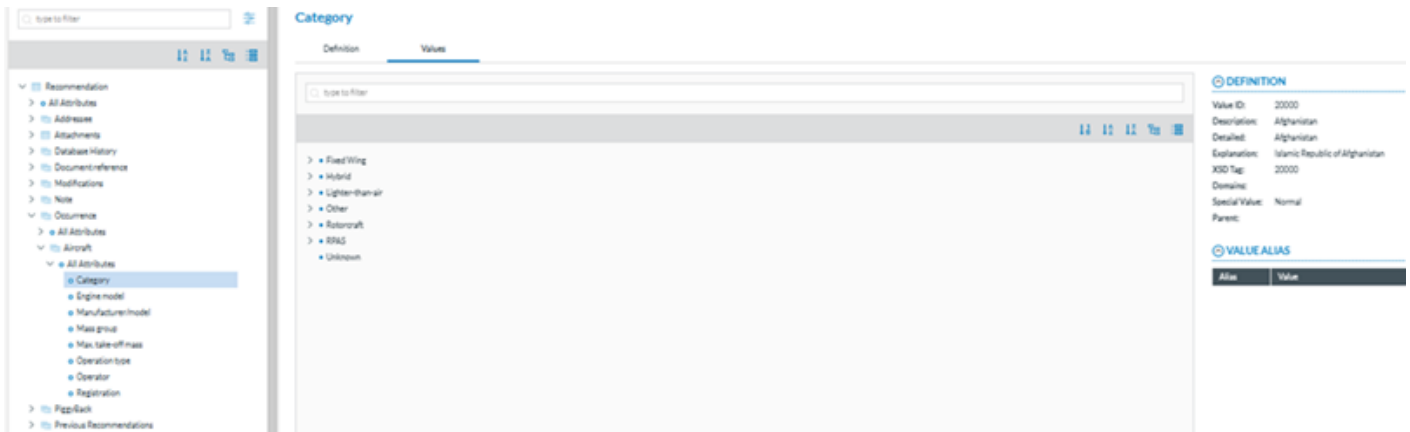
- **Definition**

Attachment	
Definition	
DEFINITION	
Attribute ID:	82
Description:	Attachment
Default:	Attachments
Explanation:	Generic class in which various document types can be stored, e.g. a file containing the letter or a reference to a letter document, pictures, technical report/study, etc. This attribute is made of multiple instances under Recommendation, Reason and Action.
XSD Tag:	AS2
Group:	
Teamwork:	SRG
Reference:	
Domain:	
Entity:	Attachments
Personal Data:	✗
Custom Attr.:	✗
INSTANCE	
Mandatory:	Optional
Multiple:	Unlimited

VALUES	
Attribute Type:	Manual Entry
Data Type:	Occurs: Resource Locator
Size:	Decimals: 0
Case (int):	
Strength:	Display:
Value List:	
Read Only:	✗
ADVANCED PROPERTIES	
Case Type:	
Limit Low:	Link High:
Input Mask:	Output Mask:

- **Values:** If the Attribute has a predefined value List. In the Values tree, the Officer can navigate the values by clicking on each element. The selected value will display its

definition, and the Values can be searched by Taxonomy code or description and ordered alphabetically.



5.3.3 Value Lists

The list of values an attribute can have is defined in a Value List. The Value List can have multiple levels where values are organised in a tree mode. Each Value List can have Aliases.

5.3.4. Values

Values assigned to an attribute depend on the type of the Attribute. These can be manually inputted or selected from a predefined list of values (Value List).

5.3.5. Filter the information

The Officer can filter the Parent Entities, Child Entities and Attributes table by typing the term to be searched in the filter row. The Officer can restrict the results by clicking the  'filter' button. By default, the 'contains' condition is selected.



To delete the filter, the Officer must click the '  clear filter' icon.

ID	Description	Custom	Mandatory	Multiple Values
35	Registration	Is equal to	Optional	Single value
36	Manufacturer model	Is not equal to	Optional	Single value
36	Manufacturer model	Contains	Optional	Single value
36	Manufacturer model	Does not contain	Optional	Single value
36	Manufacturer model	Start with	Optional	Single value
36	Manufacturer model	End with	Optional	Single value
36	Manufacturer model	Is null	Optional	Single value
36	Manufacturer model		Optional	Single value
36	Manufacturer model		Optional	Single value
36	Manufacturer model		Optional	Single value

5.3.6. View detailed information

To view more information about the select Entity, the Officer must click the 'eye' icon.

Occurrence

Entity ID: 8

Description: Occurrence

Detailed: The occurrence(s) information.

Explanation: Information related to the occurrence(s) data. It contains an Ecscars Data Link.

XSD Tag: Occurrence

Parent: Recommendation

To view more information about the Parent Entities, Child Entities or Attributes, the Officer can click the 'eye' icon that appears while moving the mouse over the row.

Parent Entities

Child Entities

Attributes

ID	Description	Custom	Mandatory	Multiple Values	
35	File number	Optional	Optional	Single value	
36	Responsible entity	Optional	Optional	Single value	
36	UTC date	Optional	Optional	Single value	
36	Location	Optional	Optional	Single value	
37	State/area	Optional	Optional	Single value	
40	Rotation type	Optional	Optional	Single value	
104	Ecscars data link	Optional	Optional	Single value	
120	Screened	Optional	Optional	Single value	
120	Occurrence class	Optional	Optional	Single value	
121	Occurrence category	Optional	Optional	Unlimited	

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1 - 10 of 13 items

A slide-in panel with the element information will be displayed when clicking on the 'eye' icon. The Officer can click outside the panel to close it and return to the previous screen.

Taxonomy

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Parent Entities

Child Entities

Attributes

Recommendation > OCCURRENCE

DEFINITION

Entity ID: 8

Description: Occurrence

Detailed: The occurrence(s) information.

Explanation: Information related to the occurrence(s) data. It contains an Ecscars Data Link.

XSD Tag: Occurrence

Parent: Recommendation

INSTANCE

Minimum: Optional

Maximum: Unlimited

At Least:

At Most:

DOMAINS