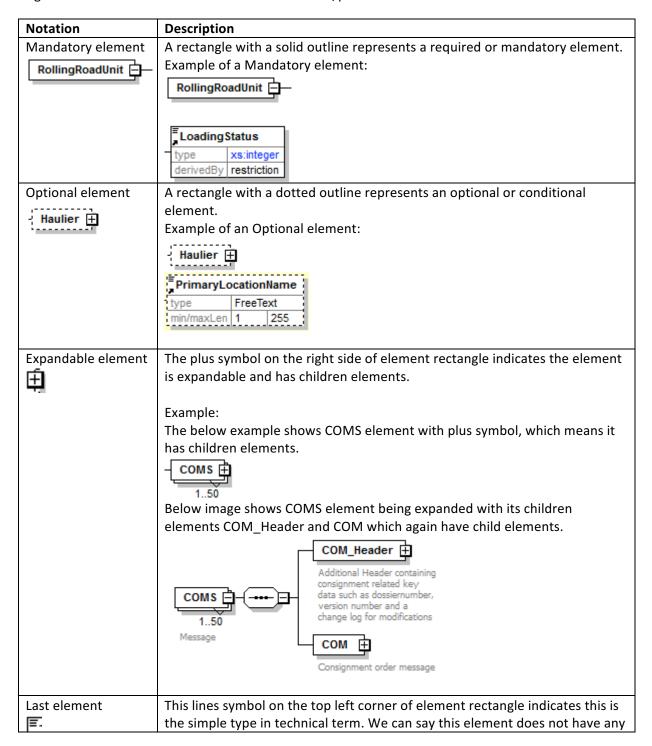
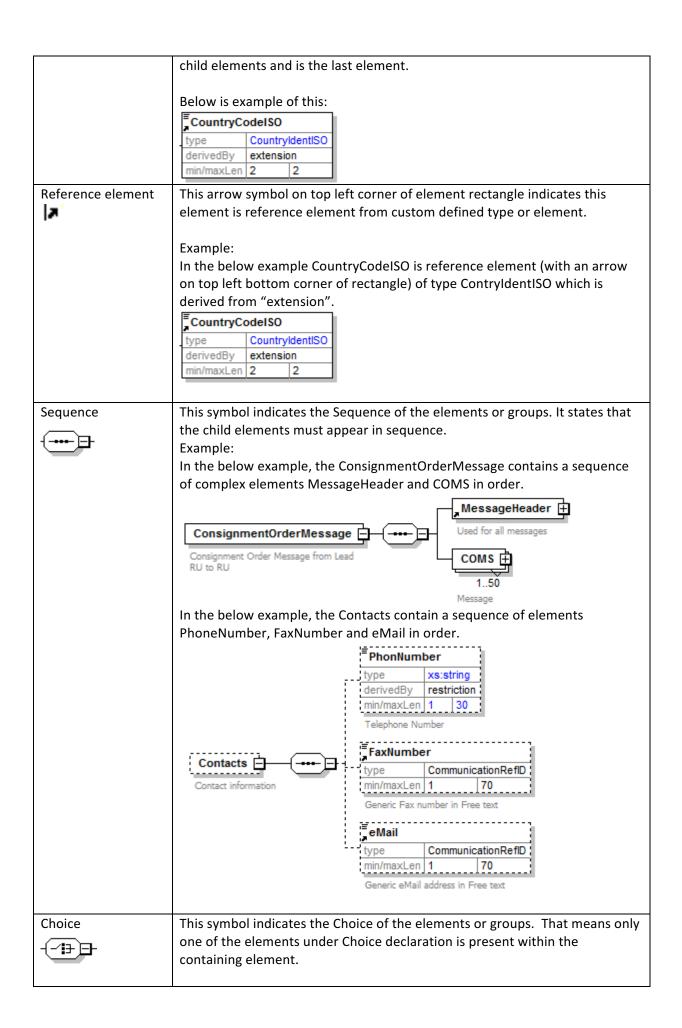
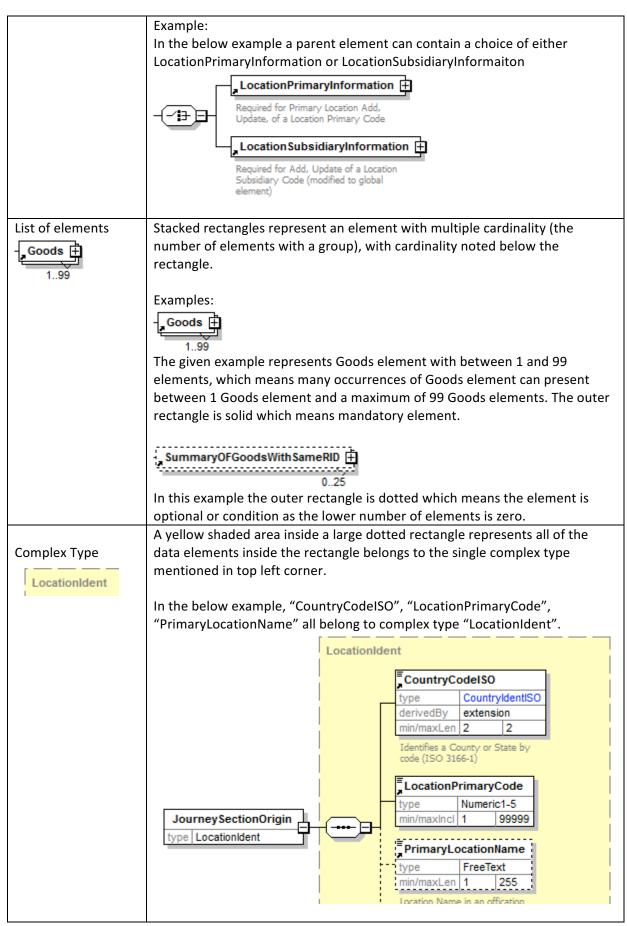
XSD Diagram Notations

Below is the table showing the XSD diagram notations used in the TAF and TAP complete TAF TSI Catalogue XSD documentation here in the ERA_Technical_Document_TAF_D_2_Appendix_F_v2_0 along with description of notation based on the output if viewed with the XMLSpy tool.

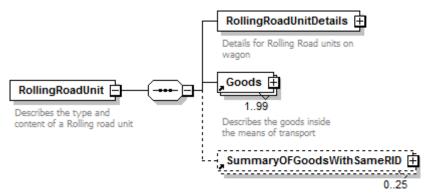
Note: The element on Left side is the Current and/or Parent element and the element(s) on the right side denotes the child elements of the current/parent element.







Understanding through example:



This element is only in use if the consignment

In the above example, the left side element "RollingRoadUnit" is a current element or Parent element to the elements on right side, also called children elements.

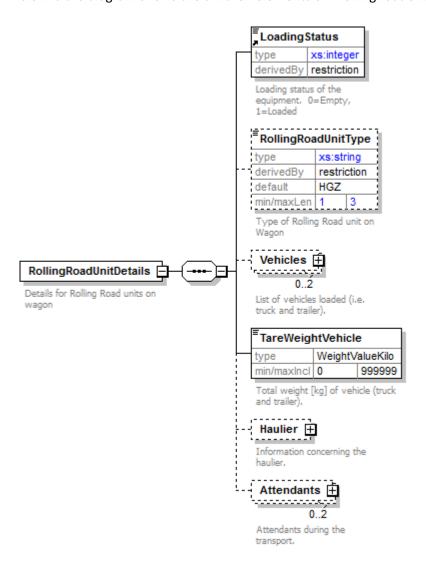
"RollingRoadUnit" is mandatory element containing sequence child elements listed in order, as below:

- 1. "RollingRoadUnitDetails" is a mandatory element and expandable element (it has a plus symbol) with child elements.
- 2. "Goods" is mandatory element and expandable (it has a plus symbol) with a minimum of 1 element and maximum of 99 "Goods" elements.
- 3. "SummaryOFGoodsWithSameRID" is an Optional or conditional element and is expandable (it has a plus symbol) with a number of elements between zero (i.e. no element) to a maximum of 25 "SummaryOFGoodsWithSameRID" elements

"RollingRoadUnitDetails" is an expandable or compound element (with a plus symbol) and like other elements, we will expand only this element for better understanding, a similar understanding can be applied to other elements.

Note: In the TAF TAP complete XSD documentation element can be expanded by clicking on the child name hyperlink the in children row of the element table.

Below is the diagram shows the children elements of "RollingRoadUnitDetails" after it is expanded:



"RollingRoadUnitDetails" is a mandatory element containing sequence child elements listed as below in order:

- 1. "LoadingStatus" is a mandatory reference element of type integer derived by restriction. This is last child element.
- 2. "RollingRoadUnitType" is an optional or conditional element of type string derived by restriction. This is last child element.
- 3. "Vehicles" is an optional expandable element with cardinality of between a minimum of zero to maximum of 2 elements.
- 4. "TareWeightVehicle" is mandatory element of type WeightValueKilo custom defined type.
- 5. "Haulier" is an optional expandable element containing children elements.
- 6. "Attendants" is an optional expandable element with number of elements between a minimum of zero to maximum of 2 "Attendants" elements.