

AEEC General Session Agenda Item 7C
Airport Mapping Database Subcommittee
Change 1 to ARINC Specification 816-2: *Embedded Interchange Format For Airport Mapping Database*
AEEC Letter: 16-035/ADB-039

Comments Received:

Submitted by Bryan Bender and Brian Gilbert
 Company: Jeppesen, Boeing
 Nature of Changes: Technical

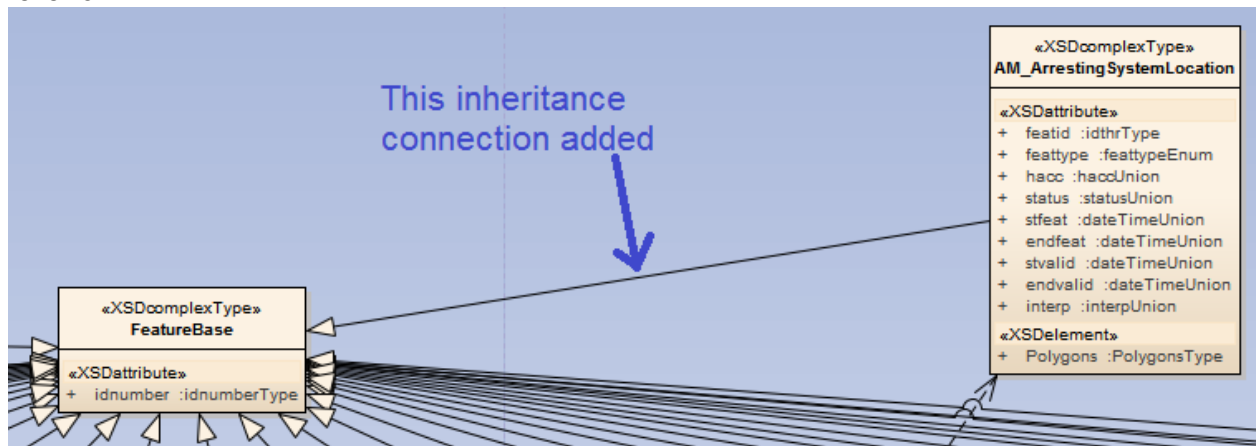
In the electronic support files two errors were discovered:

- 1.) The Arresting System Location Element does not indicate inheritance of the Feature Base and
- 2.) A Duplicate Aeronautical Database element was included in the schema definition

Course of Action: No changes to the document pdf are required. The following changes to the electronic support files must be made:

For error 1:

- A.) In the Enterprise Architect Project file, the diagram which illustrates this will be modified as follows:



- B.) In the XML Schema Definition file, the following blue text will be added:

```

<xsd:complexType name="AM_ArrestingSystemLocation">
  <xsd:complexContent>
    <xsd:extension base="adb:FeatureBase">
      <xsd:sequence>
        ....
      </xsd:attribute>
    </xsd:extension>
  </xsd:complexContent>
</xsd:complexType>
    
```

C.) In the XML Meta Data Interchange file, the following blue text will be added:

```
<UML:Generalization subtype="EAID_D76C961A_E677_4e6f_BD04_3F6D43879B1A"
supertype="EAID_D12008F0_5AC8_4cb1_A5AD_DC9CEB03F6B5"
xmi.id="EAID_40B968E2_E63D_44b5_AAD9_2EE0BC1FEF3A" visibility="public">
  <UML:ModelElement.taggedValue>
    <UML:TaggedValue tag="style" value="3"/>
    <UML:TaggedValue tag="ea_type" value="Generalization"/>
    <UML:TaggedValue tag="direction" value="Source -&gt; Destination"/>
    <UML:TaggedValue tag="linemode" value="3"/>
    <UML:TaggedValue tag="linecolor" value="-1"/>
    <UML:TaggedValue tag="linewidth" value="0"/>
    <UML:TaggedValue tag="seqno" value="0"/>
    <UML:TaggedValue tag="headStyle" value="0"/>
    <UML:TaggedValue tag="lineStyle" value="0"/>
    <UML:TaggedValue tag="ea_localid" value="828"/>
    <UML:TaggedValue tag="ea_sourceName"
value="AM_ArrestingSystemLocation"/>
    <UML:TaggedValue tag="ea_targetName" value="FeatureBase"/>
    <UML:TaggedValue tag="ea_sourceType" value="Class"/>
    <UML:TaggedValue tag="ea_targetType" value="Class"/>
    <UML:TaggedValue tag="ea_sourceID" value="62"/>
    <UML:TaggedValue tag="ea_targetID" value="111"/>
    <UML:TaggedValue tag="src_visibility" value="Public"/>
    <UML:TaggedValue tag="src_aggregation" value="0"/>
    <UML:TaggedValue tag="src_isOrdered" value="false"/>
    <UML:TaggedValue tag="src_targetScope" value="instance"/>
    <UML:TaggedValue tag="src_changeable" value="none"/>
    <UML:TaggedValue tag="src_isNavigable" value="false"/>
    <UML:TaggedValue tag="src_containment" value="Unspecified"/>
    <UML:TaggedValue tag="src_style"
value="Union=0;Derived=0;AllowDuplicates=0;"/>
    <UML:TaggedValue tag="dst_visibility" value="Public"/>
    <UML:TaggedValue tag="dst_aggregation" value="0"/>
    <UML:TaggedValue tag="dst_isOrdered" value="false"/>
    <UML:TaggedValue tag="dst_targetScope" value="instance"/>
    <UML:TaggedValue tag="dst_changeable" value="none"/>
    <UML:TaggedValue tag="dst_isNavigable" value="true"/>
    <UML:TaggedValue tag="dst_containment" value="Unspecified"/>
    <UML:TaggedValue tag="dst_style"
value="Union=0;Derived=0;AllowDuplicates=0;"/>
    <UML:TaggedValue tag="virtualInheritance" value="0"/>
  </UML:ModelElement.taggedValue>
</UML:Generalization>
```

For error 2: In the XML Schema Definition file, the following red text will be removed:

```
<xsd:simpleType name="aprontypUnion">
  <xsd:union memberTypes="adb:aprontypBase adb:defaultIntEnum"/>
</xsd:simpleType>
<xsd:element name="ADB">
  <xsd:complexType>
    <xsd:sequence/>
  </xsd:complexType>
</xsd:element>
<xsd:simpleType name="bridgeUnion">
  <xsd:union memberTypes="adb:bridgeBase adb:defaultIntEnum"/>
</xsd:simpleType>
```