

# ISB Standards April 2016 Release Note

## April 2016 Release

**Issue Date:** 26/04/2016

**Version:** 1.0



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## 1 OVERVIEW

This Release Note identifies the set of changes that have been applied to the ISB document set resulting in version April 2016 of the standards as published on the [ISB Standards Library](#) on 26 April 2016.

It identifies the standards and supporting documents that have been affected as a result of the changes implemented in the release as listed below.

The purpose of the release is to resolve the issues that have been identified, and detailed in Section 2 of this release note, with the implication being that the ISB Data Standards can be sufficiently implemented within the ESCS business and operational processes.

The changes identified in this release note have all been subjected to public consultation with any arising issues all being addressed and resolved, and approved by the ISB Board prior to publication.

All of the ISB Business Data Standards (BDSs), Controlled Lists (CLs), Technical Data Standards (TDSs) and Supporting documentation can be found in the [ISB Standards Library](#) and a [complete list](#) is also available.

## 2 SUMMARY OF DOCUMENTS AFFECTED

The following standards have been affected by the April 2016 Release.

Document Affected	BDS	TDS	CL	XSD
Contributing QE Outcome	√	√		
ESCS_ISB_Schema				√
Facility Type			√	
Grade Set		√		
Learning Opportunity Delivery	√	√		
Legal Sex Type			√	
LOP Inspection Result	√	√		
National Curriculum Year Type			√	
Org Post Fufil Status Type			√	
Organisation Post Fulfilment	√	√		
Organisation Post Fulfilment Status Type			√	
Party Contact	√	√		
Party Contact Details Type			√	
Party Personal Assessment	√	√		
Party Relationship Contact	√	√		
Party Relationship Name	√	√		
Premises	√	√		
Premises Unit Rel Type			√	
Premises Unit Relationship Type			√	
QE Availability	√	√		
QE Fee Category	√	√		
QE Learning Hours	√	√		

QE Outcome	√	√		
QE Outcome Carry Forward	√	√		
QE Performance Measure		√		
Qualification Element	√	√		
Qualification Framework Type			√	
Subject Clas Level Type			√	
Subject Classification	√			

**Note** – Changes to a TDS (Technical Data Standard) will have the same changes included in the XSD. Where a change is marked as “XSD” then it only occurs in the XSD.

The BDA Visualisation tool has been updated to reflect these changes. Additionally, the following supporting documents have been published and / or updated, as part of the April 2016 Release:

- BDA Business Data Architecture Modelling Standards
- BDA ESCS ISB “System” Enterprise Business Data Architecture
- Party Name Side Note
- ISB Standards Guidance Planning for and implementing ISB Sex Gender and Transgender
- ISB Standards Guidance Sex Gender and Transgender Data Capture
- XLM XSD

### 3 CHANGE SUMMARY

The work areas below were covered by either planned work identified to meet JCQ or DfE requirements or improvements identified after initial release of standards:

#### 3.1 JCQ requirements

As the first significant adopter of ISB standards, the JCQ A2C project is both proving the standards and, at times, finding areas where new attributes or other changes are needed to meet project requirements. In response to Requests for Changes submitted to the ISB by the JCQ A2C Programme, a number of changes have been made to the standards.

#### 3.2 Party Contact and Party Name refinement

As the Data Exchange project at DfE starts to take shape, it is finding areas that require change, and this is an area which ISB were asked to consider and simplify. An analysis document was circulated to stakeholders following a request for change submitted by the DfE Data Exchange project, which suggested some refinement to this area of the model to reduce data duplication, ease understanding and support wider implementation resulting in a number of changes.

#### 3.3 Minor Improvements and Maintenance changes

Amendments and improvements can be categorised into three areas:

- **New Controlled lists** – Where it was identified that a controlled list was contained within the architecture, but had not been defined, a controlled list has been created for completeness.
- **New values added to existing controlled lists** – Where additional controlled list values are required, these have been added
- **Minor Corrections** – Where standards have been re-issued as a result of updates due to spelling mistakes, grammatical errors or general maintenance issues. For example, standards where name changes were made to ensure they were within the 30-character limit.

## 4 CHANGES TO BUSINESS DATA STANDARDS, TECHNICAL DATA STANDARDS AND CONTROLLED LISTS

### 4.1 Business Data Standards

Business Data Standard	Change Description	Resulting version
Contributing QE Outcome	Updated as part of JCQ Requests for Changes <ul style="list-style-type: none"> <li>Changes to rolename attribute QE_Outcome_Date_Time</li> </ul>	3.0
Learning Opportunity Delivery	Updated as part of Party Contact and Party Name refinement <ul style="list-style-type: none"> <li>Add new non-identifying attribute LO_Deli_Locator_Use data type Unicode_String(1,100) to the entity Learning Opp Delivery Locator.</li> <li>Rename the attribute LO_Deli_Contact_Eff_End_Date to LO_Deli_Locator_Eff_End_Date in the entity Learning Opp Delivery Locator.</li> <li>Remove the identifying relationship from Party Contact Use Type to Learning Opp Delivery Locator. This will remove the attribute Party_Contact_Use_Type from Learning Opp Delivery Locator.</li> </ul>	7.0
LOP Inspection Result	Updated as part of minor improvements and maintenance changes  Change of LOP Prov Inspection Hierarchy entity name.	4.0
Organisation Post Fulfilment	Updated as part of minor improvements and maintenance changes and as part of Party Contact and Party Name refinement <ul style="list-style-type: none"> <li>Change of Org_Post_Fulfilment_Status_Type to Org_Post_Fulfil_Status_Type due to attribute name being longer than 30 characters</li> </ul>	6.0

Business Data Standard	Change Description	Resulting version
Party Contact	Updated as part of Party Contact and Party Name refinement <ul style="list-style-type: none"> <li>• Deprecated</li> </ul>	6.0 (Deprecated)
Party Personal Assessment	Updated as part of Party Contact and Party Name refinement <ul style="list-style-type: none"> <li>• Delete entity PPA Party Name</li> <li>• Delete entity PPA Contact</li> </ul>	7.0
Party Relationship Contact	Updated as part of Party Contact and Party Name refinement <ul style="list-style-type: none"> <li>• Remove the relationship from Personal Rel Role Name Type to Party Relationship Contact. This will delete the non-identifying attribute Personal_Rel_Role_Name_Type</li> <li>• Add non-identifying attribute Contact_Relationship data type Unicode_String(1,100) to Party Relationship Contact.</li> </ul>	4.0
Party Relationship Name	Updated as part of Party Contact and Party Name refinement <ul style="list-style-type: none"> <li>• Rename element Party_Id to Party_Id_Name and move to sequence following PartyRelationshipName_ID.</li> <li>• Move elements Party_Name_Description and Party_Name_Effective_Date to sequence following PartyRelationshipName_ID</li> <li>• Move elements Party_Relationship_Name and all its child elements to the sequence following PartyRelationshipName</li> <li>• Delete element PartyRoleName and its child elements</li> <li>• Move element Party_Name_Use_Type to the sequence following PartyRelationshipName. Change element Party_Name_Use_Type to optional</li> <li>• Add element Name_Effective_Start_Date data type xs:date optional to sequence</li> </ul>	3.0



Business Data Standard	Change Description	Resulting version
	following PartyRelationshipName. <ul style="list-style-type: none"> <li>• Add element Name_Effective_End_Date data type xs:date optional to sequence following PartyRelationshipName.</li> </ul>	
Premises	Updated as part of minor improvements and maintenance changes <ul style="list-style-type: none"> <li>• Change of Premises_Uni_Relationship_Type to Premises_Unit_Rel_Type due to attribute name being longer than 30 characters</li> </ul>	4.0
QE Availability	Updated as part of JCQ Requests for Changes <ul style="list-style-type: none"> <li>• Amend the attribute name Series_Label to be QE_Availability_Label in the QE Availability entity. Amend description of attribute and add note explaining its use.</li> <li>• Amend the description of the QE Availability Key Event entity</li> <li>• Add 1:m identifying relationship from Currency Type to QE Availability Key Event Fee. This will propagate the Currency_Type identifying attribute from Currency Type to QE Availability Key Event Fee as part of the identifiers.</li> </ul>	7.0
QE Fee Category	Updated as part of JCQ Requests for Changes <ul style="list-style-type: none"> <li>• Remove Currency_Type from QE Fee Category</li> </ul>	4.0
QE Learning Hours	Updated as part of JCQ Requests for Changes <ul style="list-style-type: none"> <li>• New Standard</li> </ul>	1.0
QE Outcome	Updated as part of JCQ Requests for Changes <ul style="list-style-type: none"> <li>• Add new identifying attribute QE_Outcome_Date_Time data type Simple_DateTime</li> </ul>	8.0

Business Data Standard	Change Description	Resulting version
	<ul style="list-style-type: none"> <li>• Add new non-identifying attribute QE_Assessment_Start_Date_Time data type Simple_DateTime</li> </ul>	
QE Outcome Carry Forward	Updated as part of JCQ Requests for Changes <ul style="list-style-type: none"> <li>• Add identifying attribute QE_Outcome_Date_Time data type Simple_DateTime</li> </ul>	3.0
Qualification Element	Updated as part of JCQ Requests for Changes <ul style="list-style-type: none"> <li>• Add element Credit_Value to the sequence following element QualificationElement_CN.</li> <li>• Rename QE_Effective_Version_End_Date to QE_Effective_End_DateTime. Amend data type to xs:dateTime</li> <li>• Rename QE_Effective_Version_Date to QE_Effective_DateTime. Amend data type to xs:dateTime</li> <li>• Add element QER_Effective_DateTime to sequence following element QERelationship_ID. Data type xs:dateTime, mandatory</li> <li>• Add element QER_Effective_End_DateTime to sequence following element QERelationship. Data type xs:dateTime, optional</li> <li>• Remove element Guided_Learning_Hours_Max from the Award</li> <li>• Remove element Guided_Learning_Hours_Min from the Award</li> </ul>	8.0
Subject Classification	Updated as part of minor improvements and maintenance changes <ul style="list-style-type: none"> <li>• Update error in entity table for Subject Clas Hierarchy</li> </ul>	2.0

## 4.2 Technical Data Standards

Technical Data Standard	Change Description	Resulting version
Contributing QE Outcome	Updated as part of JCQ Requests for Changes <ul style="list-style-type: none"> <li>• Add elements QE_Outcome_Date_Time_Parent and QE_Outcome_Date_Time_Child both data type xs:dateTime mandatory to the sequence following element QualificationElementOutcome_ID.</li> </ul>	3.0
Grade Set	Updated as part of minor improvements and maintenance changes <ul style="list-style-type: none"> <li>• Resolve duplicated GradeSet element</li> </ul>	2.0
Learning Opportunity Delivery	Updated as part of minor improvements and maintenance changes and as part of Party Contact and Party Name refinement <ul style="list-style-type: none"> <li>• Add new element LO_Deli_Locator_Use optional data type xs:string to the sequence following LearningOppDeliveryLocator element</li> <li>• Rename LO_Deli_Contact_Eff_End_Date to LO_Deli_Locator_Eff_End_Date</li> <li>• Remove the element Party_Contact_Use_Type</li> </ul>	2.0
LOP Inspection Result	Updated as part of minor improvements and maintenance changes and as part of Party Contact and Party Name refinement <ul style="list-style-type: none"> <li>• General Data Model Maintenance – reduce length of elements with names greater than 30 characters as per the standards</li> </ul>	2.0
Organisation Post Fulfilment	Updated as part of minor improvements and maintenance changes and as part of Party Contact and Party Name refinement <ul style="list-style-type: none"> <li>• Change of Org_Post_Fulfilment_Status_Type to Org_Post_Fulfil_Status_Type due to attribute name being longer than 30 characters</li> </ul>	3.0

Technical Data Standard	Change Description	Resulting version
Party Contact	Updated as part of Party Contact and Party Name refinement <ul style="list-style-type: none"> <li>• Deprecated.</li> </ul>	3.0 (Deprecated)
Party Personal Assessment	Updated as part of Party Contact and Party Name refinement <ul style="list-style-type: none"> <li>• Delete element PPAPartyName and all its child elements</li> <li>• Delete element PPAContact and all its child elements.</li> </ul>	4.0
Party Relationship Contact	Updated as part of Party Contact and Party Name refinement <ul style="list-style-type: none"> <li>• A Delete element Personal_Rel_Role_Name_Type</li> <li>• Add element Contact_Relationship data type xs:string to sequence following PartyRelationshipContact</li> </ul>	3.0
Party Relationship Name	Updated as part of Party Contact and Party Name refinement <ul style="list-style-type: none"> <li>• Rename element Party_Id to Party_Id_Name and move to sequence following PartyRelationshipName_ID.</li> <li>• Move elements Party_Name_Description and Party_Name_Effective_Date to sequence following PartyRelationshipName_ID</li> <li>• Move elements Party_Relationship_Name and all its child elements to the sequence following PartyRelationshipName</li> <li>• Delete element PartyRoleName and its child elements</li> <li>• Move element Party_Name_Use_Type to the sequence following PartyRelationshipName. Change element Party_Name_Use_Type to optional</li> <li>• Add element Name_Effective_Start_Date data type xs:date optional to sequence following PartyRelationshipName.</li> <li>• Add element Name_Effective_End_Date data type xs:date optional to sequence</li> </ul>	3.0

Technical Data Standard	Change Description	Resulting version
	following PartyRelationshipName.	
Premises	Updated as part of minor improvements and maintenance changes <ul style="list-style-type: none"> <li>• Change of Premises_Uni_Relationship_Type to Premises_Unit_Rel_Type due to attribute name being longer than 30 characters</li> </ul>	2.0
QE Availability	Updated as part of JCQ Requests for Changes <ul style="list-style-type: none"> <li>• Add element Currency_Type to the sequence following QEAvailabilityKeyEventFee_ID data type xs:string mandatory.</li> <li>• Amend the name of the element Series_Label to be QE_Availability_Label.</li> </ul>	5.0
QE Fee Category	Updated as part of JCQ Requests for Changes <ul style="list-style-type: none"> <li>• Remove element Currency_Type</li> </ul>	4.0
QE Learning Hours	Updated as part of JCQ Requests for Changes <ul style="list-style-type: none"> <li>• New Standard</li> </ul>	1.0
QE Outcome	Updated as part of JCQ Requests for Changes <ul style="list-style-type: none"> <li>• Add element QE_Outcome_Date_Time data type xs:dateTime to sequence following element QualificationElementOutcome_ID mandatory.</li> <li>• Add element QE_Assessment_Start_Date_Time data type xs:dateTime to sequence following element QEOutcome_CN optional.</li> </ul>	5.0
QE Outcome Carry Forward	Updated as part of JCQ Requests for Changes <ul style="list-style-type: none"> <li>• Add element QE_Outcome_Date_Time data type xs:dateTime mandatory to</li> </ul>	2.0

Technical Data Standard	Change Description	Resulting version
	sequence following element QECarryForward_ID.	
QE Performance Measure	Updated as part of JCQ Requests for Changes <ul style="list-style-type: none"> <li>• Modify duplicate element QEGradePerformancePoint to be QEGradePerformancePoint_ID.</li> </ul>	2.0
Qualification Element	Updated as part of JCQ Requests for Changes <ul style="list-style-type: none"> <li>• Add element Credit_Value to the sequence following element QualificationElement_CN.</li> <li>• Rename QE_Effective_Version_End_Date to QE_Effective_End_DateTime. Amend data type to xs:dateTime</li> <li>• Rename QE_Effective_Version_Date to QE_Effective_DateTime. Amend data type to xs:dateTime</li> <li>• Add element QER_Effective_DateTime to sequence following element QERelationship_ID. Data type xs:dateTime, mandatory</li> <li>• Add element QER_Effective_End_DateTime to sequence following element QERelationship. Data type xs:dateTime, optional</li> <li>• Remove element Guided_Learning_Hours_Max from the Award</li> <li>• Remove element Guided_Learning_Hours_Min from the Award</li> </ul>	7.0

### 4.3 Controlled Lists

Controlled list	Change Description	Resulting version
Facility Type	Updated as part of minor improvements and maintenance changes <ul style="list-style-type: none"> <li>New controlled list</li> </ul>	1.0
Legal Sex Type	Updated as part of minor improvements and maintenance changes <ul style="list-style-type: none"> <li>Updated to reflect latest HMG guidance on transgender issues.</li> </ul>	2.0
National Curriculum Year Type	Updated as part of minor improvements and maintenance changes <ul style="list-style-type: none"> <li>New values added</li> </ul>	2.0
Org Post Fufil Status Type	Updated as part of minor improvements and maintenance changes <ul style="list-style-type: none"> <li>Change of Org_Post_Fulfilment_Status_Type to Org_Post_Fulfil_Status_Type due to attribute name being longer than 30 characters</li> </ul>	1.0
Organisation Post Fulfilment Status Type	Updated as part of minor improvements and maintenance changes Deprecated. Replaced by Org Post Fufil Status Type	2.0 (Deprecated)
Party Contact Details Type	Updated as part of Party Contact and Party Name refinement <ul style="list-style-type: none"> <li>Deprecated.</li> </ul>	2.0 (Deprecated)
Premises Unit Rel Type	Updated as part of minor improvements and maintenance changes <ul style="list-style-type: none"> <li>Change of Premises_Uni_Relationship_Type to Premises_Unit_Rel_Type due to attribute name being longer than 30 characters</li> </ul>	1.0

Controlled list	Change Description	Resulting version
Premises Unit Relationship Type	Updated as part of minor improvements and maintenance changes <ul style="list-style-type: none"> <li>• Deprecated. Replaced by Premises Unit Rel Type</li> </ul>	2.0 (Deprecated)
Qualification Framework Type	Updated as part of minor improvements and maintenance changes <ul style="list-style-type: none"> <li>• New value added</li> </ul>	3.0
Subject Clas Level Type	Updated as part of minor improvements and maintenance changes <ul style="list-style-type: none"> <li>• New controlled list</li> </ul>	1.0



#### 4.4 Guidance documents:

The following guidance documents have been updated to reflect the changes made to the standards for this Release.

Document Type	Affected Document	Change	Resulting version
Architecture	BDA Data Architecture Modelling Standards	Updated to reflect changes made in this Release.	12.0
Guidance	Enterprise Architecture for the ESCS system	Updated to reflect changes made in this Release.	14.0
Guidance	Party Name Side Note	Updated as Party Name refinement	2.0
Guidance	ISB Standards Guidance Planning for and implementing ISB Sex Gender and Transgender	Updated following DfE policy review	2.0
Guidance	ISB Standards Guidance Sex Gender and Transgender Data Capture	Updated following DfE policy review	2.0

## **5 RELEASE BACKGROUND**

For further information on the changes introduced by this release please refer to the ISB Board approval paper.

## **6 KNOWN ISSUES**

There are no known issues as a result of this release.

## **7 BACKWARDS COMPATIBILITY**

There can be two causes for backwards compatibility issues. These are Primary Key changes and deprecated standards.

### **7.1 Primary Key Changes**

There are no backwards compatibility issues introduced by this release as a result of Primary Key changes.

### **7.2 Deprecated Standards**

Compatibility between a system using the new release and one using the old release can be achieved providing the elements that are either added or removed are not included in the xml file. This ensures new releases to the schema can be made without having to upgrade all systems at the same time

## **8 SUPPORT**

For support in implementing the ISB Data Standards please contact the [ISB Secretariat](#).

## 9 COPYRIGHT NOTICE

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