

ISB Standards October 2015 Release Note

October 2015 Release

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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 October 2015 of the standards as published on the [ISB Standards Library](#) on 26 October 2015.

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 October 2015 Release.

Document Affected	ADS	BDS	TDS	CL	XSD
AO QE Preference		✓	✓		
Currency Type				✓	
ESCS_ISB_Schema					✓
Geographical Unit		✓			
Grade Set		✓	✓		
Learning Opportunity		✓			
Learning Opportunity Delivery		✓			
Learning Opportunity Enrolment		✓			
Learning Opportunity QE Outcome		✓			
Locator		✓			
Locator Geographical Unit		✓			
Org Post Fulfilment		✓			
Parental Responsibility Type				✓	
Party Contact		✓			
Party Personal Assessment		✓			
Party Relationship Contact		✓			
Party Relationship Role Reference Type				✓	
Personal Group		✓	✓		
Personal Group Type				✓	
Personal Relationship Basis Type				✓	
Personal Relationship Influence Type				✓	

Personal Relationship Role Name Type				✓	
Personal Relationship Role Type				✓	
PPA Associate Party		✓	✓		
PR Personal Relationship		✓	✓		
PR Personal Relationship Influence		✓	✓		
Premises		✓			
Provider Generic Service Delivery Point		✓			
QE Classification		✓	✓		
QE Classification Type				✓	
QE Grade Set		✓	✓		
QE Learner Booking		✓	✓		
QE Outcome		✓	✓		
QE Performance Measure		✓	✓		
QE Performance Table Type				✓	
QE Preference		✓	✓		
QE Preference Type				✓	
QE Subject Classification		✓	✓		
QE Subject Sector Area		✓	✓		
Qualification Category		✓	✓		
Qualification Element		✓	✓		
Qualification Element Framework		✓	✓		
Qualification Element Grade		✓	✓		
Qualification Framework		✓	✓		
Qualification Framework Level Type				✓	
Qualification Framework Type				✓	

Sector Subject Area		✓	✓		
Sector Subject Area Level Type				✓	
Subject Clas Level Type				✓	
Subject Classification		✓	✓		
Subject Classification Type				✓	

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 update to reflect these changes. Additionally, the following supporting documents have been published and / or updated, as part of the <Month> 2015 Release:

- BDA Business Data Architecture Modelling Standards
- BDA ESCS ISB “System” Enterprise Business Data Architecture
- XML XSD

3 CHANGE SUMMARY

Updates made as part of this release are specified below:

Children's Services: This work package builds on the existing Children's Services work and data standards. Standards have been developed to better link relationships between cases, parties and organisations.

Document Type	Affected Document	Change	Resulting Version
CL	Parental Responsibility Type	Add new controlled list PARENTAL RESPONSIBILITY TYPE	1.0
CL	Party Relationship Role Reference Type	Add value "NHS Number" to PARTY RR REFERENCE TYPE controlled list	3.0
BDS	Personal Group	New Data Standard Personal Group	1.0
TDS	Personal Group	Add new data block PersonalGroup_DS. Elements as per the Personal Group BDS.	1.0
CL	Personal Group Type	Add controlled list Personal Group Type – definition: A controlled list of values that identifies the type of PERSONAL GROUP. Values include "Household", "Extended Family", "Gang"	1.0
CL	Personal Relationship Basis Type	Add new controlled list PERSONAL REL BASIS TYPE.	1.0
CL	Personal Relationship Influence Type	Add new controlled list PERS REL INFLUENCE TYPE.	1.0
CL	Personal Relationship Role Name Type	Add new controlled list PERSONAL REL ROLE NAME TYPE.	1.0
CL	Personal Relationship Role Type	Add new controlled list PERSONAL REL ROLE TYPE.	1.0
BDS	PPA Associate Party	Add attribute Organisation_Department to entity PPA ASSESSMENT PARTY. Data type Unicode_String(1,50). Add attribute PPA_Associate_Party_Local_Id to entity PPA	3.0

Document Type	Affected Document	Change	Resulting Version
		ASSESSMENT PARTY. Data type Unicode_String(1,32).	
TDS	PPA Associate Party	Add element Organisation_Department to sequence following element PPAAssociateParty. Data type xs:string. Add element Organisation_Department to sequence following element PPAAssociateParty. Data type xs:string.	3.0
BDS	PR Personal Relationship	Add new data standard Party Relationship Personal Relationship	1.0
TDS	PR Personal Relationship	Add new data block PRPersonalRelationship_DS. Elements as per the PR Personal Relationship BDS.	1.0
BDS	PR Personal Relationship Influence	Add new data standard – PR Personal Relationship Influence	1.0
TDS	PR Personal Relationship Influence	Add new data block PRPersonalRelInfluence_DS. Elements as per the Party Relationship Personal Rel Influence BDS.	1.0
XML Schema	ESCS_ISB_XMLSCHEMA	"Add choice element PRPersonalRelationship_DS type=PRPersonalRelationship_DS to DataBlock" "Add choice element PRPersonalRelInfluence_DS type=PRPersonalRelInfluence_DS to DataBlock"	-

Currency Codes: The following standards have been updated as a result of a Request for Change by the JCQ.

Document Type	Affected Document	Change	Resulting Version
CL	Currency Type	Existing values deleted and replaced with: a. EUR (Euro) b. GBP (Pounds Sterling) c. USD (US Dollar) d. ZAR (South African Rand)	4.0

Discount Codes / Points: The following standards have been updated as a result of a Request for Change by the JCQ (JCQ RFC013).

Document Type	Affected Document	Change	Resulting version
BDS	QE Learner Booking	Qual_Frmwrk_Level_Type attributed deleted and new non-identifying attribute Qualification_Framework_Level data type Unicode_String(1,20). Delete the attribute Qual_Frmwrk_Level_Type add new non-identifying attribute Qualification_Framework_Level data type Unicode_String(1,20).	6.0
TDS	QE Learner Booking	Rename element Qual_Frmwrk_Level_Type to Qualification_Framework_Level. Rename element Qual_Frmwrk_Level_Type to Qualification_Framework_Level	4.0
BDS	QE Outcome	Qual_Frmwrk_Level_Type attribute deleted and new non-identifying attribute Qualification_Framework_Level data type Unicode_String(1,20). Delete the attribute Qual_Frmwrk_Level_Type	7.0
TDS	QE Outcome	Rename element Qual_Frmwrk_Level_Type to Qualification_Framework_Level	4.0
BDS	QE Performance Measure	Add new data standard QE Performance Measure	1.0
TDS	QE Performance Measure	Add new data block QEPeformanceMeasure_DS elements as per the QE Performance Measure data standard	1.0
CL	QE Performance Table Type	Add new controlled list QE PERFORMANCE TABLE TYPE	1.0

Document Type	Affected Document	Change	Resulting version
XML Schema	A2CEntityBlocksSchema	Add element QEClassification_DS type =QEClassification_DS	
XML Schema	ESCS_ISB_XMLSCHEMA	Add new choice element QEPeformanceMeasure_DS type = QEPeformanceMeasure_DS	

QE Preference: The following standards have been updated as a result of a Request for Change by the JCQ (JCQ RFC014a).

Document Type	Affected Document	Change	Resulting version
BDS	AO QE Preference	Deprecated. AO QE Preference has now become QE Preference. Rename data standard AO QE Preference to QE Preference	4.0 (Deprecated)
TDS	AO QE Preference	Deprecated. AO QE Preference has now become QE Preference. Rename data block AOQEPreference_DS to QEPreference_DS	2.0 (Deprecated)
BDS	QE Preference	QE Preferences are now defined by a controlled list. A relationship to QE has been added. Add reference type entity QE PREFERENCE TYPE Add identifying attribute QE_Preference_Type data type Unicode_String(1,100) Rename entity AO QE PREFERENCE to QE PREFERENCE Delete primary key attributes Party_ID_Creator and QE_Preference Add 1:m identifying relationship from QE PREFERENCE TYPE to QE PREFERENCE. This will propagate the primary key of QE_Preference_Type from QE PREFERENCE TYPE to QE PREFERENCE	4.0
TDS	QE Preference	Delete datablock QEPreferences_DS Rename element AOQEPreference to QEPreferenceElement Party_ID_Creator has been deleted. rename element QE_Preference to QE_Preference_Type rename element AOQEPreference_CN to QEPreference_CN	3.0

Document Type	Affected Document	Change	Resulting version
		rename element AOQPreference_ID to QEPreference_ID	
CL	QE Preference Type	Add controlled list QE Preference Type	1.0
XML Schema	ESCS_ISB_XMLSCHEMA	Delete element AOQPreference_DS.	

Subject Classification The following standards have been updated as a result of a Request for Change by the JCQ (JCQ RFC014b).

Document Type	Affected Document	Change	Resulting version
BDS	QE Classification	Attribute QE_Classification_Type has been renamed Subject_Classification_Type, and is now associated with the Subject Classification Type controlled list. Definition of QE_Classification amended.	3.0
TDS	QE Classification	Change element name QE_Classification_Type to Subject_Classification_Type. Add existing data block QEClassification_DS to A2C schema to support the QE Performance Measure data block	2.0
CL	QE Classification Type	Deprecated. Replaced by Subject Classification Type.	2.0 (Deprecated)
BDS	QE Subject Sector Area	Deprecated. Replaced by QE Subject Classification. Delete QE Sector Subject Area	5.0 (Deprecated)
TDS	QE Sector Subject Area	Deprecated. Replaced by QE Subject Classification. Delete data block QE SectorSubjectArea_DS	3.0 (Deprecated)
BDS	QE Subject Classification	New data standard previously known as QE Sector Subject Area The following changes are based on the original QE Sector Subject Area data standard that has been renamed to QE Subject Classification: The previous addition in Subject Classification changes of a 1:m	1.0

Document Type	Affected Document	Change	Resulting version
		<p>identifying relationship from Subject Classification Type to Subject Classification will also propagate the identifying attribute Subject_Classification_Type from the entity Subject Classification to the primary key in QE Subject Classification.</p> <p>The previous amendment in Subject Classification changes of a the data type change to Subject_Classification from Simple_Decimal(3,1) to Unicode_String(1,50) will also propagate the data type change to the identifying attribute Subject_Classification propagated from the entity Subject Classification to the primary key in QE Subject Classification.</p> <p>Modify subject area name from QE Sector Subject Area to QE Subject Classification</p> <p>Modify entity name from QE Sector Subject Area to QE Subject Classification</p> <p>Modify attribute name from QE_Sector_Subject_Area_Eff_Date to QE_Subject_Class_Eff_Date</p> <p>Modify attribute name from QE_Sector_Subject_Area_End_Date to QE_Subject_Class_End_Date</p>	
TDS	QE Subject Classification	Add new data block QESubjectClassification_DS based on data standard QE Subject Classification	1.0
BDS	Sector Subject Area	<p>Deprecated. Replaced by Subject Classification.</p> <p>Delete Sector Subject Area</p>	2.0 (Deprecated)
TDS	Sector Subject Area	<p>Deprecated. Replaced by Subject Classification.</p> <p>Delete data block SectorSubjectArea_DS</p>	2.0 (Deprecated)

Document Type	Affected Document	Change	Resulting version
)
CL	Sector Subject Area Level Type	Deprecated. Replaced by Subject Clas Level Type. Rename Sector Subject Area Level Type to Subject Clas Level Type	2.0 (Deprecated))
CL	Subject Clas Level Type	Rename Sector Subject Area Level Type to Subject Clas Level Type	1.0
BDS	Subject Classification	<p>New data standard previously known as Sector Subject Area</p> <p>The following changes are based on the original Sector Subject Area data standard that has been renamed to Subject Classification:</p> <p>Add existing entity Subject Classification Type to subject area</p> <p>Add 1:m identifying relationship from QE Classification Type to Subject Classification. This will propagate the identifying attribute QE_Classification_Type from the entity QE Classification Type to the primary key in Subject Classification.</p> <p>The previous addition of a 1:m identifying relationship from Subject Classification Type to Subject Classification will also propagate the identifying attribute Subject_Classification_Type from the entity Subject Classification to the primary key in Subject Class Hierarchy. Do not role name the Subject_Classification_Type on the parent/child relationships to Subject Class Hierarchy as only values can be linked within the same classification scheme.</p> <p>Add new non-identifying attribute Subject_Classification_Code data type Unicode_String(1,20) to Subject Classification.</p> <p>Modify attribute name Sector_Subject_Area to</p>	1.0

Document Type	Affected Document	Change	Resulting version
		<p>Subject_Classification and modify data type from Simple_Decimal(3,1) to Unicode_String(1,50).</p> <p>Rename attribute Sector_Subject_Area_Description to Subject_Classification_Descr</p> <p>Modify subject area from Sector Subject Area to Subject Classification</p> <p>Modify entity name from Sector Subject Area to Subject Classification</p> <p>Modify entity name from Sector Subject Area Hierarchy to Subject Clas Hierarchy</p> <p>Modify entity name from QE CLASSIFICATION TYPE to SUBJECT CLASSIFICATION TYPE</p> <p>Modify attribute name from QE_Classification_Type to Subject_Classification_Type</p> <p>rename entity Sector Subject Area Level Type to Subject Clas Level Type</p> <p>rename attribute Sector_Subject_Area_Level_Type to Subject_Clas_Level_Type</p> <p>Add new non-identifying attribute Subject_Clas_Short_Name data type Unicode_String(1,20) to Subject Classification.</p> <p>Add new non-identifying attribute Subject_Classification_Note data type Unicode_String(1,200) to Subject Classification.</p> <p>Modify attribute name Sector_Subject_Area_Parent to Subject_Classification_Parent and amend data type from Simple_Decimal(3,1) to Unicode_String(1,50)</p> <p>Modify attribute name Sector_Subject_Area_Child to</p>	

Document Type	Affected Document	Change	Resulting version
		Subject_Classification_Child and amend data type from Simple_Decimal(3,1) to Unicode_String(1,50)	
TDS	Subject Classification	Add new data block SubjectClassification_DS based on data standard Subject Classification	1.0
CL	Subject Classification Type	Modify QE Classification Type to Subject Classification Type Amend existing entity Subject Classification Type values which currently contain values LEAP" and "LDCS" to also include JACS v3.0, JACS v2.0, SSA, FESSA, UCASCODE, LDSC, LEAP. Amend definition of entity and attribute.	1.0
XML Schema	ESCS_ISB_XMLSCHEMA	Delete element SectorSubjectArea_DS Delete element QESectorSubjectArea_DS Add element QESubjectClassification_DS type ref=QESubjectClassification_DS Add new choice element QEPeformanceMeasure_DS type = QEPeformanceMeasure_DS	
XML Schema	A2CEntityBlocksSchema	Add element QEClassification_DS type =QECLassification_DS	

QE Framework: The following standards have been updated as a result of a Request for Change by the JCQ (JCQ RFC014c).

Document Type	Affected Document	Change	Resulting version
BDS	Qualification Element Framework	Amend name of entity QUALIFICATION ELEMENT FRAMEWORK to QUAL ELEMENT FRAMEWORK as longer than 30 characters Delete the attribute Qual_Frmwrk_Level_Type add new identifying attribute Qualification_Framework_Level data type Unicode_String(1,20).	5.0
TDS	Qualification Element Framework	Rename element Qual_Frmwrk_Level_Type to Qualification_Framework_Level Rename element QualificationElementFramework to QualElementFramework	2.0
BDS	Qualification Framework	"Delete reference entity QUAL FRMWRK LEVEL TYPE. 1) This will delete the attribute Qual_Frmwrk_Level_Type from the entity QUALIFICATION FRAMEWORK" add new identifying attribute Qualification_Framework_Level data type Unicode_String(1,20). Delete entity QUAL FRAMEWORK HIERARCHY. Amend definition of QUALIFICATION FRAMEWORK TYPE. Amend "ECF" to "EQF" Amend definition of attribute Qualification_Framework_Type in entity QUALIFICATION FRAMEWORK TYPE. Amend "ECF" to "EQF"	4.0
TDS	Qualification Framework	Delete element PartyQualificationFramework_CN Rename element Qual_Frmwrk_Level_Type to	3.0

Document Type	Affected Document	Change	Resulting version
		Qualification_Framework_Level Delete node QualFrameworkHierarchy Rename element QualificationFrameworkLevel_CN to QualificationFramework_CN	
CL	Qualification Framework Level Type	Deprecated. Replaced by Qualification Framework Type Delete controlled list QUAL FRMWRK LEVEL TYPE	2.0 (Deprecated)
CL	Qualification Framework Type	Amend definition of QUALIFICATION FRAMEWORK TYPE. Amend "ECF" to "EQF"	2.0

Qualification Categories The following standards have been updated as a result of a Request for Change by the JCQ (JCQ RFC015).

Document Type	Affected Document	Change	Resulting version
BDS	Qualification Category	New data standard Qualification Category	1.0
TDS	Qualification Category	Add new datablock QualificationCategory_DS elements as per the new Qualification Category data standard	1.0
BDS	Qualification Element	Deletion of QE_Classification attribute from the Award entity (Delete 1:m non-id relationship from QE Classification entity to Award). Deletion of Qualification_Type attribute from the Scheme entity.	7.0
TDS	Qualification Element	Delete element QE_Classification from the node Award. Delete element Qualification_Type from the node Scheme.	5.0

Grade Sets: The following standards have been updated as a result of a Request for Change by the JCQ (JCQ RFC019).

Document Type	Affected Document	Change	Resulting version
BDS	Grade Set	New data standard Grade Set	1.0
TDS	Grade Set	Add new datablock GradeSet_DS elements as per the Grade Set data standard - add immediately prior to the element QEOutcome_DS as used by QEOutcome_DS Move GradeSetGrade node to sequence following GradeSet element. Delete repeated elements Party_Id_Administrator and Grade_Set_Id from the sequence following GradeSetGrade_ID	1.0
BDS	QE Grade Set	Add new data standard QE Grade Set	1.0
TDS	QE Grade Set	Add new datablock QEGradeSet_DS elements as per the QE Grade Set data standard - add immediately after the element GradeSet_DS Delete the node QEGradePerformancePoints and all child elements	1.0
BDS	Qualification Element Grade	Deprecated. Replaced by QE Grade Set. Delete subject area Qualification Element Grade.	4.0 (Deprecated)
TDS	Qualification Element Grade	Deprecated. QE Grade Set. Delete datablock QualificationElementGrade_DS	3.0 (Deprecated)
XML Schema	ESCS_ISB_XMLSCHEMA	Add new choice element GradeSet_DS type =GradeSet_DS - add immediately prior to the element QEOutcome_DS as used	

Document Type	Affected Document	Change	Resulting version
		by QEOutcome_DS Add new choice element QEGradeSet_DS type =QEGradeSet_DS - add immediately after the element GradeSet_DS Delete choice element QualificationElementGrade_DS	

Locator ID: Locator ID data type has been updated as a result of a Request for Change by the JCQ (JCQ RFC028).

Document Type	Affected Document	Change	Resulting Version
BDS	Geographical Unit	Amend Geographical Unit Coordinates (Geographical_Locator_Id) attribute data type length to Simple_String (1,600).	3.0
BDS	Learning Opportunity	Amend Learning Opportunity (Course_Media_URL_Locator_Id) attribute data type length to Simple_String(1,600).	5.0
BDS	Learning Opportunity Delivery	Learning Opportunity Delivery (Delivery_Point_Locator_Id) and Learning Opp Delivery Contact (Locator_Id_Contact) updated to Simple_String (1,600).	6.0
BDS	Learning Opportunity Enrolment	Delivery_Point_Locator_Id updated to Simple_String (1,600).	6.0
BDS	Learning Opportunity QE Outcome	Delivery_Point_Locator_Id updated to Simple_String (1,600).	4.0
BDS	Locator	Amend Locator_Id attribute data type length to Simple_String(1,600). As this is the super-type primary key, this will propagate the length change to the sub-types of 1) URL 2) Email Address 3) Telephone Number 4) Postal Address 5) Geographical Location" Amend Telephone_Number attribute data type length to Simple_String(1,15)	7.0
BDS	Locator Geographical Unit	Locator_ID amended to SimpleString (1,600).	3.0
BDS	Org Post Fulfilment	Locator_ID_Contact amended to SimpleString (1,600) updated	5.0

Document Type	Affected Document	Change	Resulting Version
		to Simple_String (1,600).	
BDS	Party Contact	Locator_ID_Contact amended to SimpleString (1,600) updated to Simple_String (1,600).	5.0
BDS	Party Personal Assessment	Locator_ID_Contact amended to SimpleString (1,600) updated to Simple_String (1,600).	6.0
BDS	Party Relationship Contact	Party Relationship Contact (Locator_Id_Contact) updated to Simple_String (1,600). Party Role Contact (Locator_Id_Contact) updated to Simple_String (1,600).	3.0
BDS	Premises	Locator_ID amended to SimpleString (1,600).	3.0
BDS	Provider Generic Service Delivery Point	Provider GSERV point Point (Locator_Id_PSDP) updated to Simple_String (1,600).	5.0

Party Relationship Guidance: This side note describes the way that Party Relationships are handled by the ISB Business Data Architecture, including the business operational relationships and the more recent considerations, such as families, which are required within Children’s Services.

Document Type	Affected Document	Change	Resulting version
Guidance	Party Relationship Side Note	None. New Document.	1.0

4 RELEASE BACKGROUND

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

5 KNOWN ISSUES

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

6 BACKWARDS COMPATIBILITY

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

6.1 Primary Key Changes

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

6.2 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

7 FAQ

To see a list of frequently asked questions with regards to the ISB Data Standards then please refer to the [FAQ & Glossary](#) tab on the ISB Web Site.

8 SUPPORT

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

9 COPYRIGHT NOTICE

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