






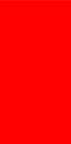



1 ISB Delivery Plan Extract – 1st July 2009

RAG Status Key	Row Colour Coding
 RED – Behind Schedule	White - Approved by the ISB (either adopted or recommended)
 AMBER – Risk of being behind schedule if no action taken	Blue – Under Consideration Status
 GREEN – On schedule	AMBER – Inherited (or planned inherited) status
 BLUE - Complete	GREEN – Future (Consideration)

Planned Standards

Quarter (Start)	Planned Start Date	Plan ISB Approval Date	Revised Approval Date	Title	Description	Furaxw Status	Development Phase	Commissioning Org (£)	Interest Area	RAG Status
Q1	01/06/2008	01/09/2009		Address Standard for ESCS	Address data standard for - ESCS	Under Consideration	In development	DCSF	Data Management	
	01/06/2008	01/06/2009	24/11/2009	Young Persons Work Force Specification	Alignment of definitions for all workforce related datasets that are collected from local authorities	Under Consideration	Consultation	DCSF	Data Management	
	05/01/2009	14/05/2009		Ethnicity Data Standard	A controlled list of ethnic categories	Under Consideration	Approved	<i>the information authority</i>	Data Management	
	16/01/2009	14/05/2009		Security Assertion Markup Language (SAML) ESCS Profile	Security Assertion Mark-up Language (SAML) is an XML standard for exchanging authentication (e.g. identity provider) and authorisation (e.g. service provider) data between security domains.	Under Consideration	Consultation	DCSF	Identity Management	
	07/03/2009	14/05/2009		Common Basic Data Set (CBDS)	Common Basic Data Set provides a standard for data used in school,	inherited	Approved	ISB	Data Management	

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					education authority, the Department and other software systems for management information.					
	17/04/2009	14/05/2009	02/07/2009	Common Data Definition (CDD)	The MIAP Common Data Definitions (MIAP CDD) were developed as a set of data standards to be used across a variety of data sharing processes within the UK education sector.	inherited	Awaiting ISB Approval	ISB	Data Management	
	20/04/2009	31/12/2009		XCRi (Exchanging Course-Related Information) – Course Advertising Profile (CAP)	A standard for publishing and handling course offering information.	Recommended	Approved		PLOT	
	20/04/2009	02/07/2009		Common child/learner identifier	Common identifier for children and learners	Under Consideration	In Plan		Identity Management	
	27/04/2009	01/12/2009		Content Packaging Application Profile for ESCS	Content packaging profile for ESCS	Under Consideration	In Development	Becta	ELCP	
	01/05/2009	01/08/2009		Quality standard for structured vocabularies	ESCS quality standard to assess structured vocabularies	Under Consideration	In Development	DCSF	Vocabularies	
	14/05/2009	14/08/2009		Interactive Whiteboard Information Standard	A common standard for interactive white board content	Under Consideration	In Development	Becta	ELCP	

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	01/06/2009	29/12/2009		Awarding Body Information Standards	Data Standards for Awarding Body information (including qualifications)	Under Consideration	In Initiation	JCQ	Data Management	
	01/06/2009	01/09/2009		Timetabling Information Standards	Information Standards for the exchange of timetabling information	Under Consideration	In Initiation		Data Management	
	01/06/2009	01/12/2009		14-19 Information Standards	This is a placeholder for 14-19 data standards being developed by the 14-19 task force.	Future	In Plan		Data Management	
Q2	01/07/2009	01/11/2009		Integrated Public Sector Vocabulary (IPSV) ESCS Elements	The ESCS elements of the IPSV vocabularies	Under Consideration	In Plan		Vocabularies	
	01/07/2009	01/11/2009		Parent Know How ESCS wide vocabulary elements	Elements of the Parent Know How Vocabulary with relevance to the wider ESCS	Under Consideration	In Plan		Vocabularies	
	01/07/2009	01/09/2009		BS 8419:2005 Interoperability between Metadata Systems used for Learning, Education and Training	The standard makes recommendations about data models and XML bindings enabling searches across multiple systems over the internet for application profiles but does not prescribe the use of any particular encoding mechanism.	to be inherited	In Plan		Vocabularies	
	01/07/2009	01/01/2010		Learner Records Data Standards	This is a 'placeholder' for the broad subject area of Learner Records.	Future	In Initiation		PLOT	
	01/07/2009	01/10/2009		Attendance (Care of Children) Data Standard	Data standard to support the electronic transfer of attendance data between systems schools and other Learning Providers.	Future	In Initiation		Data Management	

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	01/09/2009	31/12/2009		Aligned Data Definition (ADD)	These common definitions were created by the data definition alignment project to help implement interoperability across the ESCS system. These definitions are grouped into modules covering names, dates, gender, BS7666 addresses, other addresses, contacts and ethnicity. They are important due to them being fundamental attributes of pupil, learner and students and have potential impact on cross-sector interoperability.	Adopted	Approved		Data Management	
	01/09/2009	01/11/2009		Connexions – NCCIS (National Connexions Customer Information System)	Connexions undertake an annual census of the pathways taken by young people on reaching school leaving age. This XML Schema is used to send statistical data from local CCIS systems to the National CCIS system.	to be inherited	In Plan		Data Management	
	TBC	TBC		Behaviour Data Standard (SIF)	Data Standard for Behaviour	Future	In Initiation		Data Management	
	TBC	TBC		Curriculum Data Standard (SIF)	Data standard for curricula	Future	In Plan		Data Management	
Q4	01/12/2009	01/02/2010		Unique Pupil Number (UPN)	The Unique Pupil Number identifies pupils in Early Years and schools censuses and for exchange of pupil information between schools and LAs.	to be inherited	In Plan		Data Management	

Standards Pipeline

	Planned Start Date	Plan ISB Approval Date	Revised Approval Date	Title	Description	Furaixw Status	Development Phase	Commissioning Org (£)	Interest Area	RAG Status
Standards for consideration when resources are available				Parent & Carer Data Standard	Data Standard for Parent and Carer information	Future				
				Country of Origin Data Standard	Data Standard for Country of Origin	Future				
				Religion Data Standard		Future				
				Dietary Needs Data Standard		Future				
				Person Data Standard		Future				
				Codes Lists for LAs LEAs and Social Services		Future				
				Disability Code Lists		Future				
				BS 8426:2003 - Code of practice for e-support in e-learning systems		(to be inherited)				
				E-Government Metadata Standard (eGMS) ISO/IEC23988:2006	<p>The e-Government Metadata Standard lists the elements and refinements that will be used by the public sector to create metadata for information resources. It also gives guidance on the purpose and use of each element. The current version is 3.1.</p> <p>Based on BS 7988:2002, a British Standard that gives recommendations on the use of information technology (IT) to deliver assessments to candidates and to record and score their responses. Its scope is defined in terms of three dimensions: the types of assessment to which it applies, the</p>	(to be inherited)				

Standards for consideration when resources are available					stages of the assessment “life cycle” to which it applies and its focus on specifically IT aspects.					
				<u>UK LOM Core</u>	The UK LOM Core is an application profile of the IEEE LOM that is optimised for use by educational communities within the UK. (from: JISC Standards Catalogue). Application Profiles used by the Jorum, the HE Academy, the JISC X4L programme, ReLOAD and other JISC-funded projects that handle LOM metadata are based on UK LOM Core.	Future				
				<u>Unique Provider Registration Number (UKRLP UP RN)</u>	A number identifying learning providers within the UK Register of Learning Providers	Future				
				<u>UCAS Applicant identifier</u>	This is a 4-char Application Number + 10-digit Personal ID. It replaces the 9-digit Application Number + 10-digit Personal ID previously used.	Future				
				<u>Authoring Tools Accessibility Guidelines (ATAG)</u>	This specification provides guidelines for Web authoring tool developers. Its purpose is two-fold: to assist developers in designing authoring tools that produce accessible Web content and to assist developers in creating an accessible authoring interface. Version 2 currently in draft form.	Future				
				<u>Child Reference Number (CRN) (Scrambled)</u>	The CRN (which is identical to the NINO used in adult life) is allocated by DWP to all children born in England and to children living in England for whom child benefit is paid. A scrambled version of this number is used by ContactPoint to underpin its Unique Identifier (UID)	Future				

Standards for consideration when resources are available				Children's Social Services Core Information Requirements	This Logical Data Model documents the core information that any social services department within a council with social services responsibilities (CSSR1) would normally expect to store and use to support its provision of the required range of children's services.	Future				
				ContactPoint Gender	A data definition of a person attribute defining gender.	Future				
				ContactPoint UID	A Unique Identifier (UID) for children living in England used within ContactPoint children's database.	Future				
				Curriculum Online (COL) Schema	A Curriculum metadata schema and a set of controlled vocabularies.	Future				
				Edubase	Register of schools. Edubase is the "owner" of a controlled list of schools and identifiers for schools.	Future				
				HESA student record coding structure	Collection of trainee level data for ITT programmes. Collected as part of the student record.	Future				
				HR-XML	A standard for data required by and exchanged by HR systems	Future				
				IEEE 1484.11 Content to Learning Management System Communication	A three part standard, 1484.11.x - IEEE Standard for Learning Technology: 1-2004 Data Model for Content to Learning Management System Communication, 2-2003 ECMAScript Application Programming Interface for Content to Runtime Services Communication, 3-2005 Extensible Markup Language (XML) Schema Binding for Data Model for Content Object Communication	Future				
			IEEE 1484.12 LOM	A multi-part standard that specifies Learning Object Metadata. One part specifies a conceptual data schema that defines the structure of a metadata instance for a learning object. For this Standard, a learning object is defined as any entity--digital or non- digital-- that may be used for learning,	Future					

				education or training. Standard for Learning Technology-Extensible Markup Language (XML) Schema Definition Language Binding for Learning Object Metadata. IEEE Learning Object Metadata (LOM) IEEE 1484.12.1-2002, XML IEEE 1484.12.3-2005					
			<u>IEEE 1484.20.1 Reusable Competency Definitions</u>	This Standard defines a data model for describing, referencing, and sharing competency definitions, primarily in the context of online and distributed learning. This Standard provides a way to represent formally the key characteristics of a competency, independently of its use in any particular context. It enables interoperability among learning systems that deal with competency information by providing a means for them to refer to common definitions with common meanings.	Future				
			<u>IESR Metadata Schema</u>	JISC Information Environment Service Registry (IESR) metadata schema for Collections, Services and Agents. Within the JISC Information Environment Service Registry (IESR) collections of resources, the technical services that provide access to them and the agents that own collections or administer services are described according to the IESR Application Profile. (from: JISC Standards Catalogue)	Future				
			<u>IMS Common Cartridge (IMS CC) specification</u>	According to IMS, CC is designed to "enable strict interoperability between content and systems ...also support great flexibility in the type of digital content supported ...and where such content is located ...".	Future				

				<u>IMS Content Packaging</u>	Information Model and XML Binding. Several versions most used are V1.1.4 and 1.2. Version 1.2 being standardised in SC36.	Future				
				<u>IMS Enterprise</u>	Information Model and XML Binding. Versions V1.1.	Future				
				<u>IMS Guidelines for Developing Accessible Learning Applications</u>	(V1.0)	Future				
				<u>IMS Learner Information Package</u>	A specification that supports the exchange of learner information among learning management systems, human resource systems, student information systems, enterprise e-learning systems, knowledge management systems, resume repositories, and other systems used in the learning process. The IMS Learner Information Package specification does not address requests for learner information or the exchange transaction mechanism. Includes Information Model and XML binding. Versions 1.1 main one used.	Future				
				<u>IMS Question and Test Interoperability</u>	The IMS Question & Test Interoperability (QTI) specification describes a data model for the representation of question (assessment Item) and test (assessment Test) data and their corresponding results reports. Therefore, the specification enables the exchange of this item, test and results data between authoring tools, item banks, test constructional tools, learning systems and assessment delivery systems. (IMS website). Includes Information Model and XML binding. Various versions 1.2.1 and 2.1 main ones used.	Future				

Standards for consideration when resources are available				<u>IMS Simple Sequencing</u>	IMS Simple Sequencing (IMS SS) is a specification used to describe paths through a collection of learning activities. IMS SS declares the relative order in which electronic learning activities are to be presented to a learner and the conditions under which a resource is selected, delivered, or skipped during presentation. IMS SS is labelled as simple because the specification considers only a limited number of common sequencing strategies, not because the specification itself is simple. (V1.0)	Future				
				<u>Individualised Learner Record (ILR)</u>	The Individualised Learner Record (ILR) is a collection of data about learners and their learning aims. It is expected that this will become subsumed in, or replaced by, the ESCS EA data model. It is collected from providers that are in receipt of FE, WBL or ACL funding and from providers funded by some kinds of ESF.	Future				
				<u>ISO/IEC 19796 Quality Management, Assurance, and Metrics</u>	A multipart standard dealing with the quality of processes.	Future				
				<u>ISO/IEC 24703:2004 Information technology, Participant identifiers</u>	A definition of how identifiers of participants (including learners) can be encoded.	Future				
				<u>ISO/IEC 24751 -- Individualised Adaptability and Accessibility in E-learning, Education and Training</u>	A multipart standard dealing with accessibility information. The parts are at different stages of approval.	Future				

				<u>JACS2 – Subject coding system</u>	The Joint Academic Coding System (JACS2) provides for all subjects to be coded according to a common, truly hierarchical, four-character subject code. JACS2 will be used substantially in subject representation across the sector, including for provision of quality assurance information. Work is underway to define JACS3.	Future				
				<u>NHS number (Scrambled)</u>	ContactPoint receives a scrambled NHS number, allowing for accurate identification of children between NHS systems and ContactPoint without using the NHS number outside its declared purpose. This scheme could be of value to other systems that need to exchange personal data with NHS.	Future				
				<u>OADS</u>	Used by Local Authorities as intermediaries, providing data from other local agencies. Negotiated with Local Authority Information Sharing Group (now disbanded) in accordance with ECM Information Sharing Toolkit.	Future				
				<u>ODF</u>	Open Document Format (ODF) is an OASIS/ISO-standardised, vendor neutral file format that enables cross-platform collaboration between people and many different types of applications - from Office suites to server software. Version 1 is an ISO standard (ISO/IEC 26300:2006 Open Document Format for Office Applications (Open Document) v1.0), version 1.1 is an OASIS standard with some accessibility enhancements. Version 1.2 is under development.	Future				

				<p><u>SCORM 1.2 Content Aggregation Model application profile</u></p>	<p>The ADL SCORM reference model uses existing specifications to standardize the interface between web based content and web based learning technology systems such as learning management systems (LMSs), also known as virtual learning environments (VLEs). The SCORM is not in itself a specification or standard. Instead, it profiles a number of IEEE and IMS standards and specifications, including the IEEE LOM and IMS Content Packaging. (from: JISC Standards Catalogue). Multipart standard.</p>	Future				
				<p><u>Student support number SSN</u></p>	<p>An applicant identifier for students applying for student finance for HE.</p>	Future				
				<p><u>Web Content Accessibility Guidelines (WCAG)</u></p>	<p>Explains how to make web content accessible to people with disabilities</p>	Future				
				<p><u>Unique Learner Number (ULN)</u></p>	<p>The Unique Learner Number (ULN) is being developed as a part of the Managing Information Across Partners (MIAP) programme. In the long-term it is anticipated that the ULN will become used ESCS-wide as a common learner/child identifier and will replace or sit alongside the current plethora of identifiers in use.</p>	Future				