



ONIX for Licensing Terms Publisher License format

Draft 0.9.18

24 May 2006

This advanced draft represents work-in-progress towards the definition of an ONIX Publisher License format. It replaces the drafts published on the EDItEUR website in August 2005 and February 2006. Work is still continuing, but the present draft incorporates the result of testing and extending the format through a Book Industry Communication (BIC) project funded by the Joint Information Systems Committee (JISC) of the UK Further and Higher Education funding councils.

The ONIX Publisher License format is intended to support the communication of license terms for electronic resources from a publisher to a user institution (directly or through a subscription agent), to enable the license terms to be loaded into an electronic resources management system maintained by the receiving institution.

As such, it is a first manifestation of a wide-ranging ONIX schema for the description of licensing terms and resource usage permissions and policies, under the generic name "ONIX for Licensing Terms". The format may be suitable also for the communication of license terms from a publisher to a content host system that carries the publisher's licensed materials, and from a content host system to a user institution.

The present draft is in two sections: a short introduction and a tabular overview of the XML format. A very full example of the use of the format is also published on the [EDItEUR website](#), based on a Wiley Extended Access License for Academic users.

Introduction

At the broadest level, the message format has the following main elements:

- ONIXPublisherLicense
 - Header
 - PublisherLicense
 - Definitions
 - SupplyTerms
 - UsageTerms
 - PaymentTerms
 - GeneralTerms

"ONIXPublisherLicense" is the message name, and the top-level element in the XML structure.

The "Header", as in all ONIX messages, specifies the sender and addressee, and other basic message-level "housekeeping".

The message may carry one or more "PublisherLicense" elements. Each such element relates to a single complete license. It is not uncommon for the "complete agreement" governing the use of a set of licensed materials to be made up of several paper documents (eg, an original license with separately agreed amendments and extensions). This pattern is NOT intended to be reflected in the XML expression, which should provide a single coherent statement of the current terms and conditions. However, the XML expression may refer to more than one external source document.

Within "PublisherLicense", five major sections are at present envisaged.

The "Definitions" section defines and labels the entities that are used in XML expressions elsewhere in the message. It will be discussed in more detail below.

"SupplyTerms" covers terms relating to the supply of the licensed materials, eg through the publisher's online hosting system, or by the delivery of electronic content by FTP or on physical media. This section is still under development, and is represented only by a placeholder in the present draft.

"UsageTerms" covers terms relating to the permitted or prohibited usages of the licensed materials.

"PaymentTerms" are self-explanatory. It is expected that the first full version of the format will include provision to specify fee calculations and payment conditions that form part of the contract, including rules for any types of payment that are triggered by specific usages. The PaymentTerms section is still under development, and is represented only by a placeholder in the present draft

The "GeneralTerms" section covers general terms of the license that fall outside of supply, usage and payment, for example such things as liability, confidentiality or force majeure; and/or that cannot usefully be expressed as structured XML since they are not machine-actionable. These will be covered by a combination of (a) a controlled value specifying the type of condition, (b) a reference to and/or quotation from the text of the original license, and (c) where relevant, a link to any defined element(s) in the license to which the term specifically applies. The intention is to enable user institutions to set up and maintain a structured "knowledge base" of such terms to be used by staff responsible for license administration.

More about "Definitions"

Almost all paper licenses include a section in which concepts used repeatedly in the text of the document are defined. ONIX for Licensing Terms takes this approach further, and requires that either a formal definition or an ontologically defined term from the ONIX Licensing Terms Dictionary (see next page) is provided for:

- (a) Each "agent" that is mentioned anywhere in the license. An agent is a person or organization that takes part in any action under the license. The word "agent" has been adopted so that "party" can be reserved for the entities that are in a legal sense parties to the license (licensor, licensee).
- (b) Each "resource" that is mentioned anywhere in the license (including resources that are derived by actions taken under the license, eg extracts made from the original licensed materials).
- (c) Each "time point", "period" or "place" that is mentioned anywhere in the license.
- (d) Each "event" or "state" that needs to be recognized in the license expression
- (e) Each "usage" that is referenced anywhere in the license.
- (f) Each external "document" (paper or electronic) that is referenced anywhere in the license.

In each definition, a "label" is assigned that must be unique within the License Terms document, and this label is used elsewhere in the XML to refer to the entity that has been defined.

"Agent", "resource", "place" and "time" are fundamental elements in the event model that underlies the ONIX Licensing Terms structure. A "usage" is an event involving some or all of these elements, but it is so central to the expression of a license that it is considered useful to single it out as a separate type.

The definitions section is now essentially complete, although it may still be subject to further revision in the light of testing. All definitions follow a common pattern, but some (eg time point and period) include elements that are specialized to the particular type.

In the first published draft of the ONIX Publisher License format, each definition was flagged to specify whether it applied to a class (eg the class of agents who are Authorized Users) or an individual (eg the agent who is the Licensor). In the second draft, the definitions were separated into class and individual definitions (eg AgentClassDefinition and AgentDefinition). After much debate, we have concluded that it is not in fact necessary to make this distinction explicit, and the structure has been simplified accordingly.

The definitions are crucial to the ONIX Licensing Terms structure, and early experience is showing that they

form a very large section of an ONIX Publisher License XML document. Once all the necessary elements are defined, the statements that connect them in order to express permissions, prohibitions and other conditions are relatively shorter.

The ONIX Licensing Terms Dictionary

Also fundamental to the ONIX Publisher License format is the ONIX Licensing Terms Dictionary. This is designed to provide a rich but very precisely structured vocabulary for expressing many of the key elements in the format. In general, any entity or concept that is referenced in an ONIX Licensing Terms expression must be identified either by a controlled value from the Dictionary or by a label that has been assigned in a definition that forms part of the license expression. The names and definitions of elements and composites in the format are themselves part of the Dictionary. The ONIX Licensing Terms Dictionary is based on ontological principles and tools developed by Rightscom Ltd.

Relator values are a particularly important class of Dictionary terms. Any entity XXXX defined in a license expression can be associated with any other entity YYYY through a composite <XXXXRelatedYYYY>, within which the relationship is expressed by a controlled value in an element <XXXXYYYYRelator>. This highly generalised structure means that new relationships can be expressed in the format simply by defining additional controlled values for the relevant Relators.

Acknowledgement

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Overview of the ONIX Publisher License format

The tables on this and subsequent pages give an overview of the ONIX Publisher License format. The first section, colour-coded light purple in the left hand column, shows the message header and license preamble. The second section, colour-coded light red, shows the definitions that are the heart of the ONIX Licensing Terms approach. The third section, colour-coded light green, shows the terms of the license.

The rightmost column shows the number of occurrences of an element in any one occurrence of the higher-level element within which it is nested.

<ONIXPublisherLicense version="0.9">	Pilot version 0.9	
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1	<Header>			Message header: a group of elements that together constitute a message header for the ONIX Publisher License Message	1
2	<Sender>			A composite that identifies the sender of the message (by coded identifier or name or both)	1
3		<SenderIdentifier>		A composite that defines an identifier of the sender, eg a SAN or GLN	0-1
4			<SenderIDType>	An ONIX controlled value identifying the scheme from which the identifier in the <IDValue> element is taken	1
5			<IDTypeName>	A name that identifies a proprietary identifier scheme when the value in the <SenderIDType> element indicates a proprietary scheme	0-1
6			<IDValue>	An identifier of the type specified in the <SenderIDType> element	1
7		<SenderName>		The name of the sender organisation	0-1
8		<SenderContact>		The name of a contact person in the sender organisation	0-1
9		<SenderEmail>		An email address for the sender	0-1
10		<Addressee>			A composite that identifies an addressee of the message (by coded identifier or name or both): may be omitted if the message is "broadcast" to an unlimited number of addressees
11	<AddresseeIdentifier>			A composite that defines an identifier of the addressee	0-1
12			<AddresseeIDType>	An ONIX controlled value identifying the scheme from which the identifier in the <IDValue> element is taken	1
13			<IDTypeName>	A name that identifies a proprietary identifier scheme when the value in the <AddresseeIDType> element indicates a proprietary scheme	0-1
14			<IDValue>	An identifier of the type specified in the <AddresseeIDType> element	1
15	<AddresseeName>			The name of the addressee organisation	0-1
16	<AddresseeContact>			The name of a contact person in the addressee organisation	0-1
17	<AddresseeEmail>			An email address for the addressee	0-1
18	<MessageNumber>			A sequence number of the messages in a series sent between trading partners, to enable the receiver to check against gaps and duplicates	0-1
19	<MessageRepeat>			A number which distinguishes any repeat transmissions of a message: the original is numbered 1, and repeats are numbered 2, 3 etc	0-1
20	<SentDateTime>			The date, and optionally the time, when a message was sent	1
21	<MessageNote>			A free-text note about the contents of the message	0-1

1	<PublisherLicense>			Publisher License: A composite that specifies terms of a license. Each occurrence of the element relates to a single license.	1-n
2	<LicenseStatus>			An ONIX controlled value indicating the status of the license terms, eg model, proposed, agreed	1
3	<LicenseIdentifier>			A composite that defines an identifier of the license agreement from which the terms are taken	1-n
4		<LicenseIDType>		An ONIX controlled value identifying the scheme from which the identifier in the <IDValue> element is taken	1
5		<IDTypeName>		A name that identifies a proprietary Identifier scheme when the value in the <LicenseIDType> element indicates a proprietary scheme	0-1
6		<IDValue>		An identifier of the type specified in the <LicenseIDType> element	1
7	<LicenseVersion>			A composite that specified a version of a license	0-1
8		<LicenseVersion Number>		A version number that identifies successive versions of a license whose terms have been modified during the term of the License	1
9		<LicenseVersion RelatedTimePoint>		A composite that specifies a date/time related to a version of a license, eg an effective date	1-n
10	<LicenseName>			A composite that defines a name of the license	0-n
11		<LicenseNameType>		An ONIX controlled value specifying the type of the license name	0-1
12		<Name>		A name or title	1
13		<LicenseNamePart>		A name part, when a license name is structured into two or more parts	0-n
14			<LicenseNamePart Type>	An ONIX controlled value specifying a type of a license name part	1
15			<NamePart>		1
16	<LicenseAnnotation>			A composite that carries an annotation relating to the license as a whole	0-n
17		<LicenseAnnotation Type>		An ONIX controlled value specifying the type of the license annotation	0-1
18		<AnnotationText>		The text of the annotation	1
19	<LicenseReference>			A composite that carries a reference to a document related to the license, details of the referenced document being given as a Document Definition	0-n
20		<LicenseReference Relator>		An ONIX controlled value specifying the relationship of the referenced document or document section to the license, eg amendment to license	1
21		<DocumentLabel>		The label assigned in a Document Definition to identify the referenced document	1
22		<DocumentSection>		A composite that defines a citation of a section within the document	0-n
23			<FirstPageNumber>	The number of the first or only page of a section	0-1
24			<LastPageNumber>	The number of the last page of a section	0-1
25			<SectionNumber>	The enumeration of a section within the document	0-1
26			<SectionName>	The name of a section within the document	0-1

27			<SectionURI>	The complete URI of a section within the document	0-1
28			<SectionRelativeURI>	The relative URI of a section within the document, where a base URI for the document is defined in the Document Definition	0-1
29		<ReferenceAnnotation>		A composite that carries an annotation relating to the reference	0-n
30			<ReferenceAnnotation Type>	An ONIX controlled value specifying the type of the reference annotation	0-1
31			<AnnotationText>	The text of the annotation	1
32	<LicenseRelated Agent>			A composite that specifies a person or organization related to the license as a whole, eg Licensor, Licensee, LicensorSignatory: expansion as in Agent Definition, page 6. There must be a minimum of two occurrences to specify the two parties to the license.	2-n
33	<LicenseRelatedTime Point>			A composite that specifies a date/time related to the license as a whole, eg a start date or end date: expansion as in AgentDefinition, page 6	0-n
34	<LicenseRelated Period>			A composite that specifies a period related to the license as a whole, eg the initial term: expansion as in AgentDefinition, page 6	0-n
35	<LicenseRelated Place>			A composite that specifies a place related to the license as a whole, eg the place under whose law the contract is to be interpreted, or the place whose courts will have jurisdiction: expansion as in AgentDefinition, page 7	0-n
36	<Definitions>			A composite that defines entities referred to in the license terms. See expansion on page 5.	1
37	<SupplyTerms>			A composite that defines conditions relating to the supply of services and resources under the license. These may be specified in detail through a series of <Supply> elements, or they may be covered by reference(s) to external document(s) expressed as <SupplyTermCitation> elements. See expansion on page 18.	0-1
38	<UsageTerms>			A composite that specifies permitted and/or prohibited usage of resources supplied under the license. See expansion on page 19.	1
39	<PaymentTerms>			A composite that defines payments to be made under the license. These may be specified in detail through a series of <Payment> elements, or they may be covered by reference(s) to external document(s) expressed as <PaymentTermCitation> elements. See expansion on page 20.	0-1
40	<GeneralTerms>			A composite that defines any general terms of the license that are included by citation only. See expansion on page 21.	0-1

This section carries definitions of entities that are referenced in the license terms, assigning to each defined entity a label which must be unique within the XML document, to be used for references to the defined entity within the XML document only.

1	<Definitions>			Definitions: A composite that defines entities referred to in the license terms	1		
2	<AgentDefinition>			A composite that defines an agent or agent class that is referred to in the license terms	1-n		
3		<AgentLabel>		A label assigned here to an agent or agent class for unambiguous internal reference within the ONIX <LicenseTerms> document only	1		
4		<AgentType>		An ONIX controlled value specifying whether an agent (or a member of an agent class) is a person or an organization, or whether it may be either of these ("unspecified")	1		
5		<AgentIdentifier>			A composite that defines an identifier of an agent or agent class	0-n	
6			<AgentIDType>		An ONIX controlled value identifying the scheme from which the identifier in the <IDValue> element is taken	1	
7			<IDTypeName>		A name that identifies a proprietary identifier scheme when the value in the <AgentIDType> element indicates a proprietary scheme	0-1	
8			<IDValue>		An identifier of the type specified in the <AgentIDType> element	1	
9		<AgentName>			A composite that defines a name of an agent or agent class	0-n	
10			<AgentNameType>		An ONIX controlled value specifying the type of the name	0-1	
11			<Name>		The name as a single text string	0-1	
12			<AgentNamePart> <AgentNamePart Type> <NamePart>			A name part, when a name is structured into two or more parts	0-n 1 1
13		<AgentAnnotation>			A composite that carries an annotation relating to an agent or agent class	0-n	
14			<AgentAnnotation Type>		An ONIX controlled value specifying the type of an annotation	0-1	
15			<AnnotationText>		The text of the annotation	1	
16		<AgentReference>			A composite that carries a reference to a document that supports the definition of an agent or agent class	0-n	
17			<AgentReference Relator>		An ONIX controlled value specifying the relationship of the referenced document or document section to the agent or agent class	1	
18			<DocumentLabel>		The label assigned in a Document Definition to identify the referenced document	1	
19			<DocumentSection>		A citation of a section within the referenced document	0-n	
20			<ReferenceAnnotation>		A composite that carries an annotation relating to the reference, typically the text of the relevant part of the referenced document	0-n	

21	<AgentDefinition> (continued)	<AgentRelatedAgent>		A composite that specifies a related agent or agent class	0-n
22			<AgentAgentRelator>	An ONIX controlled value specifying a relationship between the defined agent or agent class and the related agent or agent class	1
23			<RelatedAgent>	Either (a) an ONIX controlled value specifying a related agent class in terms of an ontologically defined category or status, or (b) a label assigned in a separate Agent Definition to identify a related agent or agent class	1-n
24		<AgentRelatedResource>		A composite that specifies a related resource or resource class	0-n
25			<AgentResourceRelator>	An ONIX controlled value specifying a relationship between the defined agent or agent class and the related resource or resource class	1
26			<RelatedResource>	Either (a) an ONIX controlled value specifying a related resource class in terms of an ontologically defined category or status, or (b) a label assigned in a separate Resource Definition to identify a related resource or resource class	1-n
27		<AgentRelatedService>		A composite that specifies a related service or service class	0-n
28			<AgentServiceRelator>	An ONIX controlled value specifying a relationship between the defined agent or agent class and the related service or service class	1
29			<RelatedService>	Either (a) an ONIX controlled value specifying a related service class in terms of an ontologically defined category or status, or (b) a label assigned in a separate Service Definition to identify a related service or service class	1-n
30		<AgentRelatedTimePoint>		A composite that specifies a related time point or time point class	0-n
31			<AgentTimePointRelator>	An ONIX controlled value specifying a relationship between the defined agent or agent class and the related time point or time point class	1
32			<RelatedTimePoint>	Either (a) an ONIX controlled value specifying a related time point class in terms of an ontologically defined category or status, or (b) a label assigned in a separate TimePoint Definition to identify a related time point or time point class	1-n
33		<AgentRelatedPeriod>		A composite that specifies a related period or period class	0-n
34			<AgentPeriodRelator>	An ONIX controlled value specifying a relationship between the defined agent or agent class and the related period or period class	1
35			<RelatedPeriod>	Either (a) an ONIX controlled value specifying a related period class in terms of an ontologically defined category or status, or (b) a label assigned in a separate Period Definition to identify a related period or period class	1-n

36	<AgentDefinition>	<AgentRelatedPlace>		A composite that specifies a related place or place class	0-n
37	(continued)		<AgentPlaceRelator>	An ONIX controlled value specifying a relationship between the defined agent or agent class and the related place or place class	1
38			<RelatedPlace>	Either (a) an ONIX controlled value specifying a related place class in terms of an ontologically defined category or status, or (b) a label assigned in a separate Place Definition to identify a related place or place class	1-n
39		<AgentRelatedEvent>		A composite that specifies a related event or event class	0-n
40			<AgentEventRelator>	An ONIX controlled value specifying a relationship between the defined agent or agent class and the related event or event class	1
41			<RelatedEvent>	Either (a) an ONIX controlled value specifying a related event class in terms of an ontologically defined category or status, or (b) a label assigned in a separate Event Definition to identify a related event or event class	1-n
42		<AgentRelatedState>		A composite that specifies a related state or state class	0-n
43			<AgentStateRelator>	An ONIX controlled value specifying a relationship between the defined agent or agent class and the related state or state class	1
44			<RelatedState>	Either (a) an ONIX controlled value specifying a related state class in terms of an ontologically defined category or status, or (b) a label assigned in a separate State Definition to identify a related state or state class	1-n
45		<AgentRelatedUsage>		A composite that specifies a related usage or usage class	0-n
46			<AgentUsageRelator>	An ONIX controlled value specifying a relationship between the defined agent or agent class and the related usage or usage class	1
47			<RelatedUsage>	Either (a) an ONIX controlled value specifying a related usage class in terms of an ontologically defined category or status, or (b) a label assigned in a separate Usage Definition to identify a related usage or usage class	1-n

From <ResourceIdentifier> to the end of the <ResourceDefinition> section, all composites follow the same pattern as in <AgentDefinition>, with “Resource” substituted for “Agent” wherever applicable. The composites are not, therefore, expanded in detail. Line 55 represents a complete set of eight elements, as in lines 21 to 47 in <AgentDefinition>, where XXXX successively = Agent, Resource, Service, TimePoint, Period, Place, Event, State and Usage. The same convention is followed in successive Definition composites.

48	<ResourceDefinition>			A composite that defines a resource or resource class that is referred to in the license terms	1-n
49		<ResourceLabel>		A label assigned here to the resource or resource class for internal reference within the ONIX <LicenseTerms> document only	1
50		<ResourceType>		An ONIX controlled value specifying a type of a resource	0-1
51		<ResourceIdentifier>		A composite that defines an identifier of a resource or resource class	0-n
52		<ResourceName>		A composite that defines a name of a resource or resource class	0-n
53		<ResourceAnnotation>		A composite that carries an annotation relating to a resource or resource class	0-n
54		<ResourceReference>		A composite that carries a reference to a document that supports the definition of a resource or resource class	0-n
55		<ResourceRelatedXXXX>		A composite that specifies a reference to a related XXXX	0-n

From <ServiceIdentifier> to the end of the <ServiceDefinition> section, all composites follow the same pattern as in <AgentDefinition>, with “Service” substituted for “Agent” wherever applicable.

56	<ServiceDefinition>			A composite that defines a service or service class that is referred to in the license terms	0-n
57		<ServiceLabel>		A label assigned here to the service or service class for internal reference within the ONIX <LicenseTerms> document only	1
58		<ServiceType>		An ONIX controlled value specifying a type of a service	0-1
59		<ServiceIdentifier>		A composite that defines an identifier of a service or service class	0-n
60		<ServiceName>		A composite that defines a name of a service or service class	0-n
61		<ServiceAnnotation>		A composite that carries an annotation relating to a service or service class	0-n
62		<ServiceReference>		A composite that carries a reference to a document that supports the definition of a service or service class	0-n
63		<ServiceRelatedXXXX>		A composite that specifies a reference to a related XXXX	0-n

From <TimePointIdentifier> to the end of the <TimePointDefinition> section, all composites whose expansion is not shown explicitly follow the same pattern as in <AgentDefinition>, with “TimePoint” substituted for “Agent” wherever applicable

64	<TimePointDefinition>			A composite that defines a date/time or date/time class that is referred to in the license terms	1-n
65		<TimePointLabel>		A label assigned here to the date/time or date/time class for internal reference within the ONIX <LicenseTerms> document only	1
66		<TimePointType>		An ONIX controlled value specifying a type of a date/time: fixed or conditional	1
67		<TimePointIdentifier>		A composite that defines an identifier of a date/time or date/time class	0-n
68			<TimePointIDType>	An ONIX controlled value identifying the calendar and format in which a date/time or date/time class is specified	1
69			<IDTypeName>	A name that identifies a proprietary identifier scheme when the value in the <TimePointIDType> element indicates a proprietary scheme	0-1
70			<IDValue>	An identifier of the type specified in the <TimePointIDType> element	1
71		<TimePointName>		A composite that defines a name of a date/time or date/time class	0-n
72		<TimePointAnnotation>		A composite that carries an annotation relating to a date/time or date/time class	0-n
73		<TimePointReference>		A composite that carries a reference to a document that supports the definition of a date/time or date/time class	0-n
74		<TimePointRelatedXXXX>		A composite that specifies a reference to a related XXXX	0-n

From <PeriodIdentifier> to the end of the <PeriodDefinition> section, all composites whose expansion is not shown explicitly follow the same pattern as in <AgentDefinition>, with “Period” substituted for “Agent” wherever applicable

75	<PeriodDefinition>		A composite that defines a time period or period class that is referred to in the license terms	0-n	
76		<PeriodLabel>	A label assigned here to the period or period class for unambiguous internal reference within the ONIX <LicenseTerms> document only	1	
77		<PeriodType>	An ONIX controlled value specifying a type of a period	0-1	
78		<PeriodIdentifier>	A composite that defines an identifier of a period or period class	0-n	
79		<PeriodName>	A composite that defines a name of a period or period class	0-n	
80		<Duration>		A composite that specifies the duration of a period or period class: two occurrences may be required if the duration is to be specified as having both a lower and an upper limit	0-2
81			<DurationType>	An ONIX controlled value specifying the type of a duration, eg exactly, not less than, not more than	1
82			<DurationUnit>	A unit of duration, eg day, week, month, year	1
			<DurationValue>	The number of units comprising the duration: integer	1
83		<PeriodAnnotation>		A composite that carries an annotation relating to a period or period class	0-n
84		<PeriodReference>		A composite that carries a reference to a document that supports the definition of a period or period class	0-n
85	<PeriodRelatedXXXX>		A composite that specifies a reference to a related XXXX	0-n	

From <PlaceIdentifier> to the end of the <PlaceDefinition> section, all composites follow the same pattern as in <AgentDefinition>, with “Place” substituted for “Agent” wherever applicable

86	<PlaceDefinition>		A composite that defines a place or place class that is referred to in the license terms	0-n	
87		<PlaceLabel>	A label assigned here to the place or place class for unambiguous internal reference within the ONIX <LicenseTerms> document only	1	
88		<PlaceType>	An ONIX controlled value specifying a type of a place or place class	1	
89		<PlaceIdentifier>	A composite that defines an identifier of a place or place class	0-n	
90		<PlaceName>	A composite that defines a name of a place or place class	0-n	
91		<PlaceAnnotation>		A composite that carries an annotation relating to a place or place class	0-1
92		<PlaceReference>		A composite that carries a reference to a document that supports the definition of a place or place class	0-n
93		<PlaceRelatedXXXX>		A composite that specifies a reference to a related XXXX	0-n

From <EventIdentifier> to the end of the <PlaceDefinition> section, all composites follow the same pattern as in <AgentDefinition>, with “Event” substituted for “Agent” wherever applicable

94	<EventDefinition>			A composite that defines an event or event class that is referred to in the license terms	0-n
95		<EventLabel>		A label assigned here to the event or event class for unambiguous internal reference within the ONIX <LicenseTerms> document only	1
96		<EventType>		An ONIX controlled value specifying a type of an event or event class	0-1
97		<EventIdentifier>		A composite that defines an identifier of an event or event class	0-n
98		<EventName>		A composite that defines a name of an event or event class	0-n
99		<EventAnnotation>		A composite that carries an annotation relating to an event or event class	0-1
100		<EventReference>		A composite that carries a reference to a document that supports the definition of an event or event class	0-n
101		<EventRelatedXXXX>		A composite that specifies a reference to a related XXXX	0-n

From <StateIdentifier> to the end of the <StateDefinition> section, all composites follow the same pattern as in <AgentDefinition>, with “State” substituted for “Agent” wherever applicable

102	<StateDefinition>			A composite that defines a state or state class that is referred to in the license terms	0-n
103		<StateLabel>		A label assigned here to the state or state class for unambiguous internal reference within the ONIX <LicenseTerms> document only	1
104		<StateType>		An ONIX controlled value specifying a type of a state or state class	0-1
105		<StateIdentifier>		A composite that defines an identifier of a state or state class	0-n
106		<StateName>		A composite that defines a name of a state or state class	0-n
107		<StateAnnotation>		A composite that carries an annotation relating to a state or state class	0-1
108		<StateReference>		A composite that carries a reference to a document that supports the definition of a state or state class	0-n
109		<StateRelatedXXXX>		A composite that specifies a reference to a related XXXX	0-n

From <UsageIdentifier> to the end of the <UsageDefinition> section, all composites whose expansion is not shown explicitly follow the same pattern as in <AgentDefinition>, with “Usage” substituted for “Agent” wherever applicable

110	<UsageDefinition>		A composite that defines a usage of licensed resources	1-n
111		<UsageLabel>	A label assigned here to the usage for unambiguous internal reference within the ONIX <LicenseTerms> document only	1
112		<UsageType>	An ONIX controlled value specifying a type of a usage	0-1
113		<UsageIdentifier>	A composite that defines an identifier of a usage	0-n
114		<UsageName>	A composite that defines a name of a usage	0-n
115		<UsageAnnotation>	A composite that carries an annotation relating to a usage	0-n
116		<UsageReference>	A composite that carries a reference to a document that supports the definition of a usage	0-n
117		<UsageVerb>	An ONIX controlled term specifying the action involved in a usage	1
118		<User>	Either an Agent Label or an ONIX controlled term specifying the agent performing the action involved in a usage	1
119		<UsedResource>	Either a Resource Label or an ONIX controlled term specifying the resource used in a usage	1
120		<UsageRelatedXXXX>	A composite that specifies a reference to a related XXXX	0-n

From <DocumentIdentifier> to the end of the <DocumentDefinition> section, all composites follow the same pattern as in <AgentDefinition>, with “Document” substituted for “Agent” wherever applicable

121	<DocumentDefinition>		A composite that specifies a document (in the widest sense, including physical and digital documents) to which the license makes reference, eg a specific law, or the license agreement on paper, or an ONIX for Serials document specifying the coverage of a set of licensed resources	0-n
122		<DocumentLabel>	A label assigned here to the document for unambiguous internal reference within the ONIX <LicenseTerms> document only	1
123		<DocumentType>	An ONIX controlled value identifying a type of a referenced document: paper document, webpage etc	1
124		<DocumentIdentifier>	A composite that defines an identifier of a document	0-n
125		<DocumentName>	A composite that defines a name of a document	0-n
126		<DocumentAnnotation>	A composite that carries an annotation relating to a document	0-n
127		<DocumentURI>	The URI of a document as a whole	0-1
128		<DocumentBaseURI>	The base URI of a document, where relative URIs for sections within the document are specified in XXXXReference elements elsewhere	0-1

This section specifies the supply of resources from one party to another under the license agreement.

1	<SupplyTerms>		A composite that defines the terms of the License that are related to the supply of resources	0-1
2			<i>Still to be defined</i>	

This section specifies permitted and prohibited usage of licensed resources.

1	<UsageTerms>		A composite that specifies permitted and/or prohibited usage of resources supplied under the license	1-n
2	<LicenseExclusivity>		An ONIX controlled value that specifies whether the license in respect of the usage terms is exclusive or non-exclusive	0-1
3	<UsageTermsName>		A composite that carries a name of a set of usage terms	0-n
4	<UsageTermsAnnotation>		A composite that carries an annotation relating to a set of usage terms	0-n
5	<UsageTermsReference>		A composite that carries a reference to a document related to a set of usage terms	0-n
6	<UsageTermsPurpose>		An ONIX controlled value specifying a purpose for which a set of usages are licensed	0-n
7	<UsageTermsCondition>		An ONIX controlled value specifying a condition that applies to a set of usages (where necessary, a condition may also be expressed through a <RelatedXXXX> link)	0-n
8	<LicensedUsage>		A composite that defines a usage that is permitted under the license	0-n
9		<UsageLabel>	The label assigned in a Usage Definition to identify a usage	1
10		<LicenseExclusivity>	An ONIX controlled value that specifies whether the license in respect of a specific licensed usage is exclusive or non-exclusive	0-1
11		<UsageName>	A composite that carries a name of a licensed usage	0-n
12		<UsageAnnotation>	A composite that carries an annotation relating to a licensed usage	0-n
13		<UsageReference>	A composite that carries a reference to a document related to a licensed usage	0-n
14		<UsagePurpose>	An ONIX controlled value specifying a purpose for which a usage is licensed	0-n
15		<UsageCondition>	An ONIX controlled value specifying a condition that applies to a licensed usage (where necessary, a condition may also be expressed through a <RelatedXXXX> link)	0-n
16		<UsageRelatedXXXX>	A composite that specifies a reference to a related XXXX	0-n
17	<ProhibitedUsage>		A composite that defines a usage that is prohibited under the license	0-n
18		<UsageLabel>	The label assigned in a Usage Definition to identify a usage	1
19		<UsageName>	A composite that carries a name of a prohibited usage	0-n
20		<UsageAnnotation>	A composite that carries an annotation relating to a prohibited usage	0-n
21		<UsageReference>	A composite that carries a reference to a document related to a prohibited usage	0-n
22		<UsagePurpose>	An ONIX controlled value specifying a purpose for which a usage is prohibited	0-n
23		<UsageCondition>	An ONIX controlled value specifying a condition under which a usage is prohibited (where necessary, a condition may also be expressed through a <RelatedXXXX> link)	0-n
24		<UsageRelatedXXXX>	A composite that specifies a reference to a related XXXX	0-n
25	<UsageTerms>		A group of usage terms that are logically connected: expansion as above	0-n
26	<UsageTermsRelatedXXXX>		A composite that specifies a reference to a related XXXX	0-n

This section specifies payments to be made under the license agreement.

1	<PaymentTerms>			A composite that defines payment terms	0-1	
2	<CurrencyCode>			An ISO code indicating the currency that is assumed for monetary amounts listed in <PaymentTerms>, unless explicitly stated otherwise	1	
3	<PaymentTerm Citation>			A composite that specifies a payment term of the license by citation	1-n	
4		<PaymentTermType>		An ONIX controlled value that specifies a type of a payment term	1	
5		<PaymentTerm Category>			A composite that specifies a relevant payment term classification or status.	0-n
6			<PaymentTerm CategoryType>		An ONIX controlled value identifying the scheme from which the value in the <Category> element is taken	1
7			<Category>		A controlled value that specifies a category	1
8		<PaymentTerm Annotation>			A composite that carries an annotation relating to the payment term	0-n
9		<PaymentTerm Reference>			A composite that carries a reference to a document related to the payment term, details of the referenced document being given as a Document Definition in the Definitions section	0-n
10	<PaymentTermRelated XXXX>			A composite that specifies a reference to a related XXXX	0-n	

This section specifies a general term of the License that is not given a structured XML expression, but is referred to by citing the relevant text.

1	<GeneralTerms>			A composite that carries general terms of the license defined by citation only	0-1	
2	<GeneralTermCitation>			A composite that specifies a general term of the license by citation	1-n	
3		<GeneralTermType>		An ONIX controlled value that specifies a type of general term, eg limitation of liability	1	
4		<GeneralTermCategory>		A composite that specifies a relevant classification or status of a general term of the license	0-n	
5			<GeneralTermCategoryType>		An ONIX controlled value identifying a scheme from which the value in the <Category> element is taken	1
6			<Category>		A controlled value that specifies a category	1
7		<GeneralTermAnnotation>			A composite that carries an annotation relating to a general term of the license	0-n
8		<GeneralTermReference>			A composite that carries a reference to a document related to the general term, details of the referenced document being given as a Document Definition in the Definitions section	0-n
9		<GeneralTermRelatedXXXX>			A composite that specifies a reference to a related XXXX	0-n