Mapping between the ANZLIC Metadata Profile and the AGLS Metadata Standard

References used to assist preparation of the mapping between AGLS and ANZLIC:

[1] ANZLIC Metadata Profile (v1.0, December 2006)
[2] AS/NZS ISO 19115:2005, *Geographic information — Metadata*
[3] ISO 19115:2003/Cor.1:2006, *Geographic information — Metadata — Technical Corrigendum 1*
[4] AS 5044, *AGLS Metadata Standard* (2008 draft)
[5] I.S. CWA 14857:2003, *Mapping between Dublin Core and ISO 19115, "Geographic information — Metadata"*

I.S. Irish Standard
CEN European Committee for Standardization
CWA CEN Workshop Agreement

NOTES:

AGLS has been updated and the following changes reflect the new AGLS that was released early in 2009.
NZGLS is not changing and any references to NZGLS have been removed from this document.

- AGLS obligations have been sourced from the Australian Standard AS 5044 (and not the AGLS Australian Government Implementation Manual which is derived from the standard).
- When creating AGLS metadata from ANZLIC, one or more mapping options are provided for each of the properties.
- Creating ANZLIC metadata from AGLS does not meet the minimum requirements for ANZLIC and will not necessarily result in a compliant ANZLIC metadata. This is due to the ANZLIC Metadata Profile being more detailed and complex than the AGLS metadata properties set.

Explanation of symbols used in the following table:

← Mapping from ANZLIC Metadata Profile to AGLS only
→ Mapping from AGLS to ANZLIC Metadata Profile only
↔ Mapping available both ways (from ANZLIC Metadata Profile to AGLS and vice versa)
>> Indicates that multiple path options are available to map to the metadata element (pathways are illustrated in the UML diagrams)

AGLS[1]	ANZLIC METADATA PROFILE			
Property and obligation	**Path (as represented in the ISO 19115 UML diagrams)**	**Mapping**	**ANZLIC[2] obligation**	**Explanatory notes**
creator Mandatory	**Dataset responsible party**			
	MD_Metadata.identificationInfo > MD_DataIdentification.pointOfContact > CI_ResponsibleParty [where role = 'originator' or 'resourceProvider' or 'principalInvestigator']	←	Optional	No AGLS qualifier exists for Creator.
	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.citedResponsibleParty > CI_ResponsibleParty [when role = 'originator' or 'resourceProvider' or 'principalInvestigator']	↔	Optional	No AGLS qualifier exists for Creator.
date Mandatory unless a related property is used	**Dataset reference date**			
	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.date > CI_Date.date and .dateType	↔	Mandatory	If AGLS date property alone is used then the value is taken to be the creation date and ANZLIC dateType will be 'creation'.
available Optional (may be used in place of *date*)	**Dataset reference date (dateType = 'publication')**			
	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.date > CI_Date.date and .dateType = 'publication'	←	Optional	Limited mapping from ANZLIC to AGLS
	MD_Metadata.distributionInfo > MD_Distribution **>>** MD_Distributor.distributionOrderProcess > MD_StandardOrderProcess.plannedAvailableDateTime > DateTime	←	Optional	Limited mapping from ANZLIC to AGLS

[1] The AGLS metadata properties and their associated obligations have been sourced from the October 2008 draft of Australian Standard AS 5044, *AGLS Metadata Standard*.

[2] Obligations in AS/NZS ISO 19115 are categorised as Mandatory, Conditional or Optional.

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Property and obligation	**Path (as represented in the ISO 19115 UML diagrams)**	**Mapping**	**ANZLIC[2] obligation**	**Explanatory notes**
	Dataset reference date (dateType = 'creation')			
created Optional (may be used in place of *date*)	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.date > CI_Date.date and dateType = 'creation'	↔	Optional	
	Constraint information date			
dateCopyrighted Optional (may be used in place of *date*)	MD_Metadata.identificationInfo > > .resourceConstraints > MD_LegalConstraints. and (accessConstraints = 'copyright' and useLimitations contains a date that refers to the copyright) or (useConstraints = 'copyright' and useLimitations contains a date that refers to the copyright)	↔	Optional	Note: useLimitations is a free text field and this condition only applies for this mapping when a date is in the free text. When mapping from AGLS to ANZLIC, the date goes into the useLimitations field which is free text. This element can be mapped via MD_DataIdentification or SV_ServiceIdentification
	Dataset reference date			
dateLicensed Optional (may be used in place of *date*)	MD_Metadata.identificationInfo > > .resourceConstraints > MD_LegalConstraints. and (accessConstraints = 'licence' and useLimitations contains a date that refers to the licensing) or (useConstraints = 'license' and useLimitations contains a date that refers to the licensing)	↔	Optional	Note: useLimitations is a free text field and this condition only applies for this mapping when a date is in the free text When mapping from AGLS to ANZLIC, the date goes into the useLimitations field which is free text. This element can be mapped via MD_DataIdentification or SV_ServiceIdentification

AGLS[1]	**ANZLIC METADATA PROFILE**			
Property and obligation	**Path** **(as represented in the ISO 19115 UML diagrams)**	**Mapping**	**ANZLIC**[2] **obligation**	**Explanatory notes**
issued Optional (may be used in place of *date*)	**Dataset reference date**			
	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.date > CI_Date.date and .dateType = 'publication'	↔	Optional	
	MD_Metadata.distributionInfo > MD_Distribution **>>** MD_Distributor.distributionOrderProcess > MD_StandardOrderProcess.plannedAvailableDateTime > DateTime	←	Optional	Limited mapping from ANZLIC to AGLS
modified Optional (may be used in place of *date*)	**Dataset reference date (dateType = 'revision')**			
	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.date > CI_Date.date and .dateType = 'revision'	↔	Optional	
valid Optional (may be used in place of *date*)				
	MD_Metadata.distributionInfo > MD_Distribution **>>** MD_Distributor.distributionOrderProcess > MD_StandardOrderProcess.plannedAvailableDateTime > DateTime	←	Optional	Limited mapping from ANZLIC to AGLS
description Recommended	**Abstract describing the data**			
	MD_Metadata.identificationInfo > MD_DataIdentification.abstract	↔	Mandatory	Used when describing abstracts if no AGLS syntax encoding scheme.
	MD_Metadata.identificationInfo > MD_DataIdentification.graphicOverview > MD_BrowseGraphic.fileName	←	Optional	Used when describing graphics, i.e. a graphic that provides an illustration of the data (e.g. a thumbnail graphic) in AGLS-XML syntax only if the value is a binary data rich representation (`dcx:binaryRepresentation`).

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	Dataset title			
title Mandatory	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.title	↔	Mandatory	This mapping is the **preferred** option.
	Alternate Dataset title			
alternative Optional	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.alternateTitle	↔	Optional	
	Representation form			
type Recommended	MD_Metadata.heirarchyLevel > MD_ScopeCode	←	Mandatory unless describing a 'dataset'	This mapping is the **preferred** option. When mapping from ANZLIC to AGLS set the scheme to be the URL for the ISO 19115 MD_ScopeCode codelist. Available ISO 19115 values[3] include: attribute, attributeType, collectionHardware, collectionSession, dataset, series, nonGeographicDataset, dimensionGroup, feature, featureType, propertyType, fieldSession, software, service, model, tile.
	MD_Metadata.identificationInfo > MD_DataIdentification.spatialRepresentationType > MD_SpatialRepresentationTypeCode	←	Optional	When mapping from ANZLIC to AGLS set the scheme to be the URL for the ISO 19115 MD_SpatialRepresentationTypeCode codelist. Available values for MD_SpatialRepresentationTypeCode code list[4]: 'vector', 'grid', 'textTable', 'tin', 'stereoModel', 'video'.

[3] Values sourced from Clause B.2.25 MD_ScopeCode <<CodeList>>, Annex B, AS/NZS ISO 19115:2005. Note: this list is not exhaustive and can be extended if required.
[4] Values sourced from Clause B.5.26 MD_Spatial RepresentationTypeCode <<CodeList>>, Annex B, AS/NZS ISO 19915:2005. Note: this list is not exhaustive and can be extended if required.

AGLS[1]	**ANZLIC METADATA PROFILE**			
Property and obligation	**Path** **(as represented in the ISO 19115 UML diagrams)**	**Mapping**	**ANZLIC**[2] **obligation**	**Explanatory notes**
aggregationLevel **value='collection'** Optional	MD_Metadata.identificationInfo>> .aggregationInfo> MD_AggregateInformation.associationType> DS_AssociationTypeCode = 'largerWorkCitation'	↔	Optional	Very limited mapping from ANZLIC to AGLS 'crossReference' and 'source' are not sufficiently specific to be mapped to either 'collection' or 'item' in AGLS. This element can be mapped via MD_DataIdentification or SV_ServiceIdentification.
aggregationLevel **value = 'item'** Optional	MD_Metadata.identificationInfo >> .aggregationInfo > MD_AggregateInformation.associationType > DS_AssociationTypeCode = 'partOfSeamlessDatabase' or 'stereoMate'	↔	Optional	Very limited mapping from ANZLIC to AGLS 'crossReference' and 'source' are not sufficiently specific to be mapped to either 'collection' or 'item' in AGLS. This element can be mapped via MD_DataIdentification or SV_ServiceIdentification.
category **value = 'service'** Optional	MD_Metadata.heirarcyLevel > MD_ScopeCode = 'service'	↔	Conditional, Mandatory for services	Good mapping from ANZLIC to AGLS as if the item is a service then the ANZLIC metadata should identify it as a service and be using MD_Metadata.identificationInfo > SV_ServiceIdentification… Valid for both MD_DataIdentification and SV_ServiceIdentification
documentType Optional	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.presentationForm > CI_PresentationFormCode	←	Optional	When mapping from ANZLIC to AGLS set the scheme to be the URL for the ISO 19115 CI_PresentationFormCode codelist. Available values for CI_PresentationFormCode code list: 'documentDigital', 'documentHardcopy', 'imageDigital', 'imageHardcopy', 'mapDigital', 'mapHardcopy', 'modelDigital', 'modelHardcopy', 'profileDigital', 'profileHardcopy', 'tableDigital', 'tableHardcopy', 'videoDigital' and 'videoHardcopy'.
serviceType Optional	MD_Metadata.identificationInfo > SV_ServiceIdentification.serviceType > LocalName	↔	Conditional, Mandatory for services	
function Recommended if *subject* property is not used.	<no mapping available>			

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Property and obligation	**Path (as represented in the ISO 19115 UML diagrams)**	**Mapping**	**ANZLIC[2] obligation**	**Explanatory notes**
	Keywords			
subject Recommended if *function* property is not used.	MD_Metadata.identificationInfo > MD_DataIdentification.topicCategory > MD_TopicCategoryCode	←	Conditional	If the ANZLIC hierarchyLevel element is not equal to 'dataset' or 'series' implies that topicCategory is not mandatory. When mapping from ANZLIC to AGLS set the scheme to be the URL for the ISO 19115 MD_TopicCategoryCode enumeration.
	MD_Metadata.identificationInfo > MD_DataIdentification.descriptiveKeywords > MD_Keywords.keyword	↔	Optional	When mapping from ANZLIC to AGLS set the scheme to be the URL for the thesaurus (or controlled vocabulary). If 'type'exists in ANZLIC then 'type' must = 'disciplne' or 'theme'. When mapping from AGLS to ANZLIC and a controlled vocabulary is used then set the thesaurusName.CI_Citation.title to be the vocabulary encoding scheme.
	Distribution			
availability Conditional (mandatory for offline resources) NOTE: (i) Insufficient qualifers to determine mapping from AGLS to ANZLIC. (ii) For online resources proide URI for AGLS Identifier property.	MD_Metadata.distributionInfo > MD_Distribution.distributor > MD_Distributor.distributorContact > CI_ResponsibleParty	←	Optional	
	MD_Metadata.distributionInfo > MD_Distribution.distributor > MD_Distributor.distributionOrderProcess > MD_StandardOrderProcess.orderingInstructions or MD_StandardOrderProcess.fees or MD_StandardOrderProcess.turnaround	←	Optional	
	MD_Metadata.identificationInfo **>>** .pointOfContact > CI_ResponsibleParty	←	Optional	This element can be mapped via MD_DataIdentification or SV_ServiceIdentificaiton.
	MD_Metadata.identificationInfo **>>** .citation > CI_Citation.citedResponsibleParty > CI_ResponsibleParty [when role = 'distributor' or 'resourceProvider' or 'pointOfContact']	←	Optional	This element can be mapped via MD_DataIdentification or SV_ServiceIdentificaiton.

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	MD_Metadata.contact > CI_ResponsibleParty.individualName or CI_ResponsibleParty.positionName or CI_ResponsibleParty.organisationName	←	Mandatory	If resource point of contact or cited responsible party are not provided then use this option.
identifier Conditional (mandatory for online resources)	**Resource URI**			
	MD_Metadata.dataSetURI	↔	Optional	This option is **preferred** for online resources. ANZLIC metadata record must be completed in order to comply with the minumum AGLS requirement.
	MD_Metadata.distributionInfo > MD_Distribution. **>>** MD_DigitalTransferOptions.onLine > CI_OnlineResource.linkage	←	Optional	Use for online resources where the URL for accessing the resource is provided. This element can be mapped via MD_Distribution.distributionFormat or MD_Distribution.distributor or MD_Distribution.transferOptions.
	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.ISBN or CI_Citation.ISSN	↔	Optional	Use for publications where an ISBN or ISSN is provided. NOTE: (i) When mapping from AGLS to ANZLIC: if AGLS element 'identifier' includes 'ISBN' or 'ISSN' in character string, or declares ISBN or ISSN as the encoding scheme then map to the ISO19115 'ISBN' or 'ISSN' respectively. (ii) When mapping from ANZLIC to ensure that 'ISBN' or 'ISSN' are included in the character string, otherwise declare ISBN or ISSN as the encoding scheme.
	MD_Metadata.identificationInfo **>>** .citation > CI_Citation.identifier > MD_Identifier.code	↔	Optional	Use this option when mapping from AGLS to ANZLIC, and no URI, URL, ISBN or ISSN has been provided. This element can be mapped via MD_DataIdentification or SV_ServiceIdentificaiton.
bibliographicCitation Optional	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.otherCitationDetails	→	Optional	Possible that the mapping from AGLS to ANZLIC may result in duplicate information.

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Property and obligation	**Path (as represented in the ISO 19115 UML diagrams)**	**Mapping**	**ANZLIC[2] obligation**	**Explanatory notes**
	Resource responsible party			
publisher Conditional (mandatory for information resources, optional for descriptions of services)	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.citedResponsibleParty > CI_ResponsibleParty [where role = 'publisher' or 'distributor' or 'resourceProvider']	← where role = 'resource Provider' or ↔ where role = 'distributor' or 'publisher'	Optional	When resource is described as a 'service' then two way mapping is possible where ANZLIC role = 'distributor' and AGLS property = 'publisher'.
	MD_Metadata.identificationInfo > MD_DataIdentification.pointOfContact > CI_ResponsibleParty [where role = 'publisher']	↔	Optional	Identification of the *Publisher* would need to be included. As ANZLIC pointOfContact is not necessarily the same as AGLS Publisher, then its only possible to map one way from ANZLIC to AGLS.
	MD_Metadata.contact > CI_ResponsibleParty.individualName or CI_ResponsibleParty.positionName or CI_ResponsibleParty.organisationName	←	Mandatory	If resource pointOfContact or citedResponsibleParty are not provided then use this option.

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	User			
audience Optional	MD_Metadata.identificationInfo > MD_DataIdentification.citation > CI_Citation.citedResponsibleParty > CI_ResponsibleParty.individualName or CI_ResponsibleParty.organisationName or CI_ResponsibleParty.positionName [when role = 'user']	←	Optional	These mappings are not ideal; however, constraints is probably the best option available.
	Geographic Extent			
coverage Optional	MD_Metadata.identificationInfo > MD_DataIdentification.extent > EX_Extent.geographicElement > EX_GeographicDescription.geographicIdentifier > MD_Identifier.code	↔	Conditional, if Geographic Bounding Box not provided; and describing a 'dataset'	Use where AGLS Coverage qualifier = 'spatial' and subject to the encoding scheme having latitude/longitude values. Not possible to map unqualified AGLS Coverage property to ANZLIC and must be qualified by a recognised ANZLIC encoding scheme. Mapping both ways is possible where AGLS qualifier = 'spatial' and providing the encoding scheme has latitude/longitude values. Reference to qualifiers, including scheme attribution, is essential when mapping from ANZLIC to AGLS.
jurisdiction Optional		→	Optional	If using AGLS jurisdiction vocabulary encoding schema except for some values, these values will be mapped to "Australia" : Australia Antartic Territories, Norfolk Is, Indian Ocean Territories
		←	Optional	ANZLIC jurisdictions can map to free text in AGLS ie no vocabulary encoding scheme

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Property and obligation	**Path (as represented in the ISO 19115 UML diagrams)**	**Mapping**	**ANZLIC[2] obligation**	**Explanatory notes**
	MD_Metadata.identificationInfo >> resourceConstraint > MD_LegalConstraints. and (accessConstraints = 'copyright' and useLimitations contains a date that referes to the licensing) or (useConstraints = 'copyright' and useLimitations contains a date that referes to the licensing)	↔	Optional	AGLS encoded in xml using ANZLIC encoding schema http://asdd.ga.gov.au/asdd/profileinfo/anzlic-jurisdic.xml This element can be mapped via MD_DataIdentification or SV_ServiceIdentification.
temporal Optional	MD_Metadata.identificationInfo > MD_DataIdentification.extent > EX_Extent.temporalElement > EX_TemporalExtent.extent > TM_Primitive	↔	Optional	Mapping both ways is only possible when the values representing date and time comply with the ISO 8601 scheme.
spatial Optional	**Geographic Extent**			
	MD_Metadata.identificationInfo > MD_DataIdentification.extent > EX_Extent.geographicElement > EX_BoundingPolygon.polygon > GM_Object	←	Optional	Reference to EPSG syntax encoding scheme is essential when mapping from ANZLIC to AGLS. The bounding polygon is represented by a string of lat/long coordinates where the first coordinate equals the last coordinate.
	MD_ Metadata.identificationInfo > MD_DataIdentification.extent > EX_Extent.verticalElement > EX_VerticalExtent.minimumValue and .maximumValue and .verticalCRS…	←	Optional	Reference to EPSG syntax encoding scheme attribution, is essential when mapping from ANZLIC to AGLS. Refer to ISO 19111 for defintion of verticalCRS.

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Property and obligation	**Path (as represented in the ISO 19115 UML diagrams)**	**Mapping**	**ANZLIC[2] obligation**	**Explanatory notes**
	MD_ Metadata.identificationInfo > MD_DataIdentification.extent > EX_Extent.geographicElement > EX_GeographicBoundingBox.westBoundLongitude and .eastBoundLongitude and .southBoundLatitude and .northBoundLatitude	←	Conditional, if describing a 'dataset' and geographicDescription is not used	(i) use where AGLS Coverage qualifier = 'spatial' (ii) reference to qualifiers, including scheme attribution, is essential when mapping from ANZLIC to AGLS when mapping from ANZLIC to AGLS, add W, E, S, N to coordinates using DCMI box syntax encoding scheme
	MD_Metadata.identificationInfo > MD_DataIdentification.extent > EX_Extent.geographicElement > EX_GeographicDescription.geographicIdentifier > MD_Identifier.code	↔	Conditional, if Geographic Bounding Box not provided; and describing a 'dataset'	Use where AGLS syntax encoding scheme is 'postcode'. Mapping both ways is possible if AGLS Postcode syntax encoding scheme is provided. Essential when mapping from ANZLIC to AGLS.
language Recommended where the language is not English.	**Resource language**			
	MD_Metadata.identificationInfo > MD_DataIdentification.language	↔	Conditional Mandatory for MD_DataIdentification Not available for SV_ServiceIdentification	Variations exist between AGLS and ANZLIC as to how information provided for 'langauge' is recorded. AGLS recommend the use of RFC 4646[5] (a combination of ISO 639-1[6] and ISO 3166[7]) or ISO 639-3[8]. ANZLIC is likely to use ISO 639-2[9] or -3. Mapping is still valid both if AGLS uses ISO 639-2 or -3. Mapping from AGLS to ANZLIC is not possible if AGLS uses RFC 4646.
contributor Optional	**Contributor**			
	MD_Metadata.identificationInfo >> .credit	↔	Optional	The simplest option. This element can be mapped via MD_DataIdentification or SV_ServiceIdentification.

[5] RFC 4646, *Tags for the identification of languages*, <http://www.ietf.org/rfc/rfc4646.txt>
[6] ISO 639-1:2002, *Codes for the representation of names of languages — Part 1: Alpha-2 code*
[7] ISO 3166, *Codes for the representation of names of countries and their subdivisions*
[8] ISO 639-3::2007, *Codes for the representation of names of languages - Part 3: Alpha-3 code for comprehensive coverage of languages*
[9] ISO 639-2:1998, *Codes for the representation of names of languages — Part 2: Alpha-3 code.* <http://www.sil.org/iso639-3/>

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	MD_Metadata.identificationInfo > > .pointOfContact > CI_ResponsibleParty [where role = 'principalInvestigator' or 'processor' or 'resourceProvider']	←	Optional	The appropriate values for 'role' needs consideration when using CI_ResponsibleParty This element can be mapped via MD_DataIdentification or SV_ServiceIdentification.
	MD_Metadata.identificationInfo >> .citation > CI_Citation.citedResponsibleParty > CI_ResponsibleParty [where role = 'principalInvestigator' or 'processor' or 'resourceProvider']	←	Optional	The appropriate value for *role* needs consideration when using CI_ResponsibleParty This element can be mapped via MD_DataIdentification or SV_ServiceIdentification.
format Optional	**Distribution format**			
	MD_Metadata.identificationInfo > > .resourceFormat > MD_Format.name and MD_Format..version	←	Optional	Format in this context is equivalent to the native (or originating) file format of the resource. This format may not be available to the end user. This element can be mapped via MD_DataIdentification or SV_ServiceIdentification. When mapping from ANZLIC to AGLS, concatenate 'name' and 'version'. as provided.
	MD_Metadata.distributionInfo > MD_Distribution. **>>** MD_Format.name and MD_Format..version	←	Optional	The format(s) that data is made available to end user. When using this option, ensure AGLS record has information recorded against the AGLS Availability property. This element can be mapped via distributionFormat > or distributor > MD_Distributor.distributorFormat >

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	Distribution format			
extent Optional	MD_Metadata.distributionInfo > MD_Distribution> > MD_DigitalTransferOptions.transferSize	←	Optional	When mapping from ANZLIC to AGLS concatenate 'transferSize' and 'unitsOfDistribution'. Only where the associated EX_Extent.description identified the resources duration of currency. This element can be mapped direct as MD_Distribution.transferOptions > or indirect as MD_Distribution.distributor > MD_Distributor.distributorTransferOptions >
	MD_Metadata.identificationInfo >> .extent > EX_Extent.temporalExtent > MD_TemporalExtent	←	Optional	This element can be mapped via distributionFormat > or distributor > MD_Distributor.distributorFormat >
	Distribution format			
medium Optional	MD_Metadata.distributionInfo > MD_Distribution **>>** MD_DigitalTransferOptions.offLine> MD_Medium.name > MD_MediumNameCode	←	Optional	When mapping from ANZLIC to AGLS, in the first instance, set the scheme to be the URL for the ISO 19115 MD_MediumNameCode codelist. When using this option, ensure AGLS record has information recorded against the AGLS Availability property. AGLS and ANZLIC may use different abbreviations to describe the same medium. This element can be mapped direct as MD_Distribution.transferOptions > or indirect as MD_Distribution.distributor > MD_Distributor.distributorTransferOptions >

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	MD_Metadata.distributionInfo > MD_Distribution **>>** MD_ MD_DigitalTransferOptions.offLine> MD_Medium.mediumNote	↔	Optional	This element can be mapped direct as MD_Distribution.transferOptions > or indirect as MD_Distribution.distributor > MD_Distributor.distributorTransferOptions >
	Supplemental Information			
mandate Optional	MD_Metadata.identificationInfo > MD_DataIdentification.supplementalInformation	→	Optional	For AGLS, the value for Mandate might be set as a default within the agency/group.
	Supplemental Information			
act Optional	MD_Metadata.identificationInfo > MD_DataIdentification.supplementalInformation	→	Optional	For AGLS, the value for act might be set as a default within the agency/group.
	Supplemental Information			
case Optional	MD_Metadata.identificationInfo > MD_DataIdentification.supplementalInformation	→	Optional	For AGLS, the value for case might be set as a default within the agency/group.
	Supplemental Information			
regulation Optional	MD_Metadata.identificationInfo > MD_DataIdentification.supplementalInformation	→	Optional	For AGLS, the value for regulation might be set as a default within the agency/group.
	Supplemental Information			
relation Optional	MD_Metadata.identificationInfo >> aggregationInfo > MD_AggregationInformation.aggregateDataSeName > CI_Citation.title [where associationType = ‘crossReference’	←	Optional	This is the preferred mapping

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	MD_Metadata.identificationInfo >> aggregationInfo > MD_AggregationInformation.aggregateDataSetIdentifier > MD_Identifier.code [where associationType = 'crossReference']	↔	Optional	Only maps where the value is a URI
conformsTo Optional	**Supplemental Information**			
	MD_Metadata.applicationSchemaInfo > MD_ApplicationSchemaInformation.name > CI_Citation.title	←	Optional	
hasFormat Optional	**Supplemental Information**			
	< No mapping available >			
hasPart Optional	**Supplemental Information**			
	MD_Metadata.identificationInfo >> .aggregationInfo > MD_AggregationInformation.aggregationDataSetName > CI_Citation.title where associationType = 'crossReference'	←	Optional	This element can be mapped via MD_DataIdentification or SV_ServiceIdentification
	MD_Metadata.identificationInfo >> .aggregationInfo > MD_AggregationInformation.aggregateDataSetIdentifier > MD_Identifier.code [where associationType = 'crossReference']	↔	Optional	Only maps where the value is a URI. This element can be mapped via MD_DataIdentification or SV_ServiceIdentification

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hasVersion Optional	**Supplemental Information**			
	< No mapping available >			
isBasedOn Optional	**Supplemental Information**			
	MD_Metadata.identificationInfo >> .aggregationInfo > MD_AggregationInformation.aggregationDataSetName > CI_Citation.title where association type = 'partOfSeamlessDatabase'	←	Optional	This element can be mapped via MD_DataIdentification or SV_ServiceIdentification.
	MD_Metadata.identificationInfo >> .aggregationInfo > MD_AggregationInformation.aggregationDataSetName > CI_Citation.identifier > MD_Identifier.code where association type = 'partOfSeamlessDatabase'	←	Optional	This element can be mapped via MD_DataIdentification or SV_ServiceIdentification.
isBasisFor Optional	**Supplemental Information**			
	< No mapping available >			
isFormatOf Optional	**Supplemental Information**			
	< No mapping available >			
isPartOf Optional	**Supplemental Information**			
	MD_Metadata.identificationInfo >> .aggregationInfo > MD_AggregationInformation.aggregateDataSetName > CI_Citation.title [where associationType = 'partOfSeamlessDatabase' or 'largerWorkCitation']	←	Optional	This element can be mapped via MD_DataIdentification or SV_ServiceIdentification.

AGLS[1]	ANZLIC METADATA PROFILE			
Property and obligation	**Path (as represented in the ISO 19115 UML diagrams)**	**Mapping**	**ANZLIC[2] obligation**	**Explanatory notes**
	MD_Metadata.identificationInfo >> .aggregationInfo > MD_AggregationInformation.aggregationDataSetName > CI_Citation.identifier > MD_Identifier.code where association type = 'partOfSeamlessDatabase' or or 'largerWorkCitation']	←	Optional	This element can be mapped via MD_DataIdentification or SV_ServiceIdentification.
isReferencedBy Optional	**Supplemental Information**			
	MD_Metadata.identificationInfo > MD_DataIdentification.aggregationInfo > MD_AggregationInformation.aggregateDataSetIdentifier > MD_Identifier.code [where associationType = 'crossReference']	→	Optional	Only maps where the value is a URI
	MD_Metadata.identificationInfo >> .aggregationInfo > MD_AggregationInformation.aggregationDataSetName > CI_Citation.title where association type = 'crossReference'	←	Optional	This element can be mapped via MD_DataIdentification or SV_ServiceIdentification.
	MD_Metadata.identificationInfo >> .aggregationInfo > MD_AggregationInformation.aggregationDataSetName > CI_Citation.identifier > MD_Identifier.code where association type = 'crossReference'	↔	Optional	Only maps where the value is a URI. This element can be mapped via MD_DataIdentification or SV_ServiceIdentification

AGLS[1]	ANZLIC METADATA PROFILE			
Property and obligation	**Path (as represented in the ISO 19115 UML diagrams)**	**Mapping**	**ANZLIC[2] obligation**	**Explanatory notes**
isReplacedBy Optional	**Supplemental Information**			
	< No mapping available >			
isRequiredBy Optional	**Supplemental Information**			
	< No mapping available >			
isVersionOf Optional	**Supplemental Information**			
	< No mapping available >			
replaces Optional	**Supplemental Information**			
	< No mapping available >			
references Optional	**Supplemental Information**			
	MD_Metadata.identificationInfo >> aggregationInfo > MD_AggregationInformation.aggregateDataSetIdentifier > MD_Identifier.code [where associationType = 'crossReference']	→	Optional	Only maps where the value is a URI
	MD_Metadata.identificationInfo >> aggregationInfo > MD_AggregationInformation.aggregationDataSetName > CI_Citation.title where association type = 'crossReference'	←	Optional	This element can be mapped via MD_DataIdentification or SV_ServiceIdentification.
	MD_Metadata.identificationInfo >> aggregationInfo > MD_AggregationInformation.aggregationDataSetName > CI_Citation.identifier > MD_Identifier.code where association type = 'crossReference'	↔	Optional	Only maps where the value is a URI. This element can be mapped via MD_DataIdentification or SV_ServiceIdentification

AGLS[1]	ANZLIC METADATA PROFILE			
Property and obligation	**Path (as represented in the ISO 19115 UML diagrams)**	**Mapping**	**ANZLIC[2] obligation**	**Explanatory notes**
	Supplemental Information			
requires Optional	< No mapping available >			
	Constraints			
rights Optional	MD_Metadata.identificationInfo > > .resourceConstraints > > .useLimitation	↔	Optional	This is the only mapping from AGLS to ANZLIC
	MD_Metadata.identificationInfo >> .resourceConstraints >> MD_SecurityConstraints.useLimitation	←	Optional	This element can be mapped via MD_DataIdentification or SV_ServiceIdentification
	MD_Metadata.identificationInfo >> .resourceConstraints > MD_LegalConstraints.accessConstraints > MD_RestrictionCode = ‘Copyright’ or ‘InterlectualPropertyRights’	←	Optional	This element can be mapped via MD_DataIdentification or SV_ServiceIdentification
	MD_Metadata.identificationInfo >> .resourceConstraints > MD_LegalConstraints.useConstraints > MD_RestrictionCode = ‘Copyright’ or ‘InterlectualPropertyRights’	←	Optional	This element can be mapped via MD_DataIdentification or SV_ServiceIdentification
	MD_Metadata.identificationInfo >> .resourceConstraints > MD_LegalConstraints.otherConstraints	←	Optional	Mapping from ANZLIC to AGLS will only occur when the restriction code is ‘’Copyright’ or ‘InterlectualPropertyRights’ This element can be mapped via MD_DataIdentification or SV_ServiceIdentification
	MD_Metadata.identificationInfo >> .resourceConstraints > MD_SecurityConstraints.userNote	←	Optional	This element can be mapped via MD_DataIdentification or SV_ServiceIdentification

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Property and obligation	**Path (as represented in the ISO 19115 UML diagrams)**	**Mapping**	**ANZLIC[2] obligation**	**Explanatory notes**
	MD_Metadata.identificationInfo >> .resourceConstraints > MD_SecurityConstraints.classificationSystem	←	Optional	The classification system is not a right it is a protective marking nameSpace. Valid for both MD_DataIdentification and SV_ServiceIdentification.
accessRights Optional	**Constraints**			
	MD_Metadata.identificationInfo >> .resourceConstraints > MD_Constraints.useLimitation	→	Optional	
license Optional	**Constraints**			
	MD_Metadata.identificationInfo > MD_DataIdentification.accessConstraints > MD_LegalConstraints.useLimitation when MD_Metadata.identificationInfo >> .resourceConstraints > MD_LegalConstraints.accessConstraints > MD_RestrictionCode = 'license'	←	Optional	Mapping from ANZLIC to AGLS will only occur when the restriction code is 'license' and there is content in the useLimitation or otherConstraints
	MD_Metadata.identificationInfo >> .resourceConstraints > MD_LegalConstraints.useConstraints > MD_RestrictionCode = 'license' MD_Metadata.identificationInfo > MD_DataIdentification.resourceConstraints > MD_LegalConstraints.useLimitation	↔	Optional	When mapping from AGLS to ANZLIC set the restriction code to 'license' and put the AGLS value in the useLimitation Mapping from ANZLIC to AGLS will only occur when the restriction code is 'license' and there is content in the useLimitation or otherConstraints Eg useLimitation = http://creativecommons.org/licenses/by-nc-nd/2.5/au
	MD_Metadata.identificationInfo >> .resourceConstraints > MD_LegalConstraints.otherConstraints	←	Optional	Mapping from ANZLIC to AGLS will only occur when the restriction code is 'license' and there is content in the useLimitation or otherConstraints

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Property and obligation	**Path (as represented in the ISO 19115 UML diagrams)**	**Mapping**	**ANZLIC[2] obligation**	**Explanatory notes**
	Constraints			
protectiveMarking Optional	MD_Metadata.identificationInfo >> .resourceConstraints > MD_SecurityConstraints.classificationSystem and MD_SecurityConstraints.classification > MD_ClassificationCode	←	Optional	
	Resource responsible party			
rightsHolder Optional	MD_Metadata.identificationInfo >> .citation > CI_Citation.citedResponsibleParty > CI_ResponsibleParty [where role = 'owner']	←	Optional	
	MD_Metadata.identificationInfo >> .pointOfContact > CI_ResponsibleParty [where role = 'owner']	←	Optional	This element can be mapped via MD_DataIdentification or SV_ServiceIdentification The originator may or may not be the holder of the rights.
	Source			
source Optional	MD_Metadata.dataQualityInfo > DQ_DataQuality.lineage > LI_Lineage.source > LI_Source.description	↔	Optional	This is the only mapping from AGLS to ANZLIC
	MD_Metadata.dataQualityInfo > DQ_DataQuality.lineage > LI_Lineage.source > LI_Source.sourceCitation > CI_Citation	←	Optional	
	MD_Metadata.identificationInfo > MD_DataIdentification.aggregationInfo > MD_AggregateInformation.aggregateDataSetIdentifier > MD_Identifier.code [where DS_AssociationTypeCode = 'source']	←	Optional	
	MD_Metadata.identificationInfo > MD_DataIdentification.aggregationInfo > MD_AggregateInformation.aggregateDataSetName > CI_Citation.title [where DS_AssociationTypeCode = 'source']	←	Optional	