

Draft Geospatial Metadata Standard
Template

August 2003

Name	Description	Obligation Status	Max Occ
Metadata Identification Module	This module defines metadata about a resource or resources		
fileIdentifier (2) <i>mdFileID</i>	mddb_metv01.xml	Mandatory ISO 19115 Core Element	1
language (3) – refer ISO 639-2 <i>mdLang</i>	en	Mandatory Default Value	1
characterSet (4) – refer CodeList B.5.10 <i>mdChar</i>	utf8	Mandatory Default Value	1
parentIdentifier (5) <i>mdParentID</i>		Conditional – If Resource is a sub-set of a larger Resource	1
contact (8) <i>mdContact</i>	<i>Party responsible for the metadata</i>	ISO 19115 Mandatory	n
CI_RespParty (374) <i>RespParty</i>			(fro)
pointOfContact (29) <i>idPoC</i>		Mandatory	n
organisationName (376) <i>rpOrgName</i>	Land Information New Zealand"	Conditional – If new dataset	1
positionName (377) <i>rpPosName</i>	Chief Topographer / Hydrographer	Conditional – If new dataset	1
contactInfo (387) <i>Contact</i>		Mandatory	(fro)
CI_Contactaddress (389) <i>cntAddress</i>		Mandatory	1
electronicMailAddress (386) <i>eMailAdd</i>	Hydro-info@linz.govt.nz	Mandatory	n
role (379) – ref Codelist B.5.5 <i>role</i>	steward	ISO 19115 Mandatory	1
dateStamp (9) refer B.4.2 ISO 8601 <i>mdDateSt</i>	The date the metadata was last updated. 2003-08-27	ISO 19115 Mandatory	1
metadataStandardName (10) <i>mdStanName</i>	ISO 19115 Geographic Information – Metadata, New Zealand Government Geospatial Metadata Standard"	ISO 19115 Core Element Default Value	1
metadataStandardVersion (11) <i>mdStanVer</i>	1.0	Mandatory Default Value	1

Name		Description	Obligation Status	Max Occ
Resource Identification Module		Basic information required to uniquely identify a resource or resources		
	MD_Distribution (17/270) <i>disInfo</i>	Distribution details to be added by distributing organisation		(fro)
	distributionFormat (271) <i>distFormat</i>		ISO 19115 Mandatory	n
	name (285) <i>formatName</i>	shape files ASCII text	ISO 19115 Mandatory	1
	version (286) <i>formatVer</i>	ArcView 8.3	ISO 19115 Mandatory	1
	distributor (272) <i>distributor</i>	Party responsible for distribution of the resource		n
	distributorContact 280) <i>distorCont</i>		ISO 19115 Mandatory	1
	organisationName (376) <i>rpOrgName</i>	Land Information New Zealand	Conditional – If it is a new dataset	1
	positionName (377) <i>rpPosName</i>	Chief Topographer/Hydrographer	Conditional – If it is a new dataset	1
	contactInfo (387) <i>Contact</i>		Mandatory	(fro)
	phone (388) <i>cntPhone</i>		Conditional – If it is a new dataset	1
	voice (408) <i>voiceNum</i>	64 4 460 0110	Conditional – If it is a new dataset	n
	facsimile (409) <i>faxNum</i>	64 4 471 6894	Conditional – If it is a new dataset	n
	address (389) <i>cntAddress</i>		Mandatory	1
	deliveryPoint(381) <i>delPoint</i>	Private Box 5501	Conditional – If it is a new dataset	n
	deliveryPoint(381) <i>delPoint</i>	160 Lambton Quay	Conditional – If it is a new dataset	n
	dity(382) <i>city</i>	Wellington	Conditional – If it is a new dataset	1
	country(385) <i>country</i>	New Zealand	Conditional – If it is a new dataset Default value	1
	electronicMailAddress(386) <i>eMailAdd</i>	Hydro-info@linz.govt.nz	Mandatory	1
	online (277) <i>onLineSrc</i>	Online contact details	Conditional - if a new dataset and there is an online contact	n

Name		Description	Obligation Status	Max Occ
Resource Identification Module		Basic information required to uniquely identify a resource or resources		
	linkage(397) <i>linkage</i>	http://www.hydro.linz.govt.nz/boundaries/downloads/index.asp	ISO 19115 Mandatory	1
	role (379) – ref Codelist B.5.5 <i>role</i>	Data steward	ISO 19115 Mandatory Default value	1
	distributionOrderProcess (281/296) <i>distordPrc</i>	Ordering details are described	Mandatory	n
	fees (299) <i>resFees</i>	free	Mandatory	1
	orderingInstruction (301) <i>ordInstr</i>	Download as per online instructions	Conditional – If it is a new dataset	1
	turnaround (302) <i>ordTurn</i>	n/a	Conditional – If it is a new dataset	1
	MD_DigitalTransferOptions (273) <i>distTranOps</i>			n
	online (277) <i>onLineSrc</i>	Some of the details of any online supply arrangements	Conditional – If there is an online distribution service	n
	linkage (397) <i>linkage</i>	http://www.hydro.linz.govt.nz/boundaries/downloads/index.asp	ISO 19115 Mandatory	1
	protocol (398) <i>protocol</i>	http	Conditional – If it is a new dataset	1
	name (400) <i>orName</i>	Maritime Boundary Downloads	Conditional – If it is a new dataset	1
	description (401) <i>orDesc</i>	<i>The file(s) are zips containing text or shape files of basepoints and outer limits of the relevant maritime boundary</i> <i>For further details on zip package contents and use refer help notes at http://www.hydro.linz.govt.nz/boundaries/downloads/m-b-shape.pdf</i>	Conditional – If it is a new dataset	1
	function (402) – refer CodeList B.5.3 <i>orFunct</i>	download	Mandatory	1
	offline (278/291) <i>offLineMed</i>	Some of the details of any offline supply arrangements	Conditional – If there is an offline distribution service	1
	name (292) – refer CodeList B.5.20 <i>medName</i>		Mandatory	1
	MD_Identification (15/23) <i>dataIDInfo</i>		ISO 19115 Mandatory	n

Name		Description	Obligation Status	Max Occ
Resource Identification Module		Basic information required to uniquely identify a resource or resources		
	citation (24) <i>idCitation</i>		ISO 19115 Mandatory	1
	Title (360) <i>resTitle</i>	Digital Maritime Boundaries	ISO 19115 Mandatory	1
	alternateTitle (361) <i>resAltTitle</i>		Conditional – If it is a new dataset and there is a known alternative title for the resource	n
	date (362/394) <i>resRefDate</i>	Reference date for the data resource	ISO 19115 Mandatory	n
	date (394) <i>refDate</i>	2003-08-27	ISO 19115 Mandatory	1
	dateType (395) – ref Codelist B.5.2 <i>refDateType</i>	creation	ISO 19115 Mandatory Default value	1
	edition (363) <i>resEd</i>	1.0	Conditional - If it is a new dataset and versioning is used in conjunction with this data resource	1
	identifier (365) <i>citId</i>	Territorial Sea: Zipped Shape files are all shpAAA.zip where AAA = three character code for the selected island Zipped Raw data files are all rawAAA.zip where AAA = three character code for the selected island EEZ: Zipped shape files for EEZ are all shpEEZ.zip Zipped raw data files for EEZ are all rawEEZ.zip	Conditional – If it is a new dataset and there is a known identifier for the resource	n
	presentationForm (368) – ref Codelist B.5.4 <i>presForm</i>	tableDigital	Mandatory	n
	ISBN (372) <i>isbn</i>		Conditional – If it is a new dataset and there is a known ISBN identifier for the resource	1
	ISSN (373) <i>isbn</i>		Conditional – If it is a new dataset and there is a known ISSN identifier for the resource	1

Name		Description	Obligation Status	Max Occ
Resource Identification Module		Basic information required to uniquely identify a resource or resources		
	abstract (25) <i>idAbs</i>	<i>Brief narrative summary of the content of the data resource. Should include the identification of key feature types making up the data resource and a description of any critical characteristics of the feature types of the dataset generally</i>	ISO 19115 Mandatory	1
	purpose (26) <i>idPurp</i>	<i>Summary of the intention for which the data resource was developed. Should include reference to any statutory purpose or function it supports or if it is specifically created by statute</i>	Mandatory	1
	audience – refer Codelist NZ_Audience <i>audience</i>	<i>All, Government</i>	Mandatory	n
	resourceNzMandate NzMandate	<i>Entity that describes the New Zealand statutory mandate for the creation of a data resource or the provision of a service.</i>	Conditional / If there is a statutory mandate for the resource	n
	New Zealand mandate reference <i>manRef</i>	Territorial Sea [Contiguous Zone] and Exclusive Economic Zone Act 1977 and amendments	Mandatory	1
	New Zealand mandate type – refer Codelist NZ_MandateType <i>manType</i>	<i>Act</i>	Mandatory	1
	status (28) – refer CodeList B.5.23 <i>idStatus</i>	Ongoing	Mandatory Default Value	n
	pointOfContact (29/374) idPoC	<i>Contact details for the Party responsible for the Resource</i>	ISO 19115 Core Element	(fro)
	organisationName (376) <i>rpOrgName</i>	Land Information New Zealand	Mandatory	1
	positionName (377) <i>rpPosName</i>	Chief Topographer/Hydrographer	Mandatory	1
	contactInfo (387) Contact		Mandatory	(fro)
	phone (388) cntPhone		Conditional – If it is a new dataset	1
	voice(408) <i>voiceNum</i>	<i>64 4 460 0110</i>	Conditional – If it is a new dataset	n
	facsimile(409) <i>faxNum</i>	<i>64 4 471 6894</i>	Conditional – If it is a new dataset	n

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Resource Identification Module		Basic information required to uniquely identify a resource or resources		
	address (389) <i>cntAddress</i>		Mandatory	1
	deliveryPoint(381) <i>delPoint</i>	<i>Private Box 5501 160 Lambton Quay</i>	Conditional – If it is a new dataset	1
	city(382) <i>city</i>	Wellington	Conditional – If it is a new dataset	1
	country(385) <i>country</i>	New Zealand	Conditional – If it is a new dataset Default value	1
	electronicMailAddress(386) <i>eMailAdd</i>	Hydro-info@linz.govt.nz	Mandatory	n
	online (277) <i>onLineSrc</i>	Some details of any online contact details	Conditional – If it is a new dataset	n
	linkage (397) <i>linkage</i>	www.linz.govt.nz	Conditional – If it is a new dataset	1
	role (379) – ref Codelist B.5.5 <i>role</i>	data steward	ISO 19115 Mandatory Default Value	1
	DescriptiveKeywords (33) <i>descKeys</i>	Where keywords have been identified by subject matter experts utilising ANZLIC, FONZ or SONZ keywords	Mandatory	n
	NZGLS Function Keyword		Mandatory	
	keyword (53) <i>keyword</i>	<i>Protecting, upholding the rules</i>	ISO 19115 Mandatory	n
	type (54) - refer CodeList B.5.17 <i>keyTyp</i>	theme	Mandatory	1
	thesaurusName (55) – refer Codelist NZ_RecognisedWords <i>thesaName</i>	FONZ	Mandatory	1
	NZGLS Subject		Mandatory	
	keyword (53) <i>keyword</i>	<i>Oceans, Territorial Waters, Maps, Shipping, Geography, Navigation</i>	ISO 19115 Mandatory	n
	type (54) - refer CodeList B.5.17 <i>keyTyp</i>	theme	Mandatory	1
	thesaurusName (55) <i>thesaName</i>	SONZ	Mandatory	1
	ANZLIC Search Words		Optional	
	keyword (53) <i>keyword</i>	<i>Marine, marine coasts, boundaries</i>	ISO 19115 Mandatory	n
	type (54) - refer CodeList B.5.17 <i>keyTyp</i>	discipline	Mandatory	1

Name		Description	Obligation Status	Max Occ
Resource Identification Module		Basic information required to uniquely identify a resource or resources		
	thesaurusName (55) <i>thesaName</i>	ANZLICsearch	Mandatory	1
MfE Environmental Performance Indicator Strand			Optional	
	keyword (53) (refer CodeList EV_epiStrandCode) <i>keyword</i>		ISO 19115 Mandatory	n
	type (54) - refer CodeList B.5.17 <i>keyTyp</i>		Mandatory	1
	thesaurusName (55) <i>thesaName</i>		Mandatory	1
	MD_DataIdentification (36) <i>DataIdent</i>	Details specific to a data resource		(fro)
	spatialRepresentationType (37) refer CodeList B.5.26 <i>spatRpType</i>	<i>Text or vector</i>	Mandatory ISO 19115 Core Element	n
	spatialResolution (38) <i>dataScale</i>	Described as either a scale (representative fraction) or as a distance at ground scale.	Mandatory ISO 19115 Core Element	n
	equivalentScale (60) <i>equScale</i>	Variable scales depending on charts used to capture basepoints, between 1:25,000 and 1:1,250,000	Conditional when distance is not populated	1
	.distance (61) <i>scaleDist</i>		Conditional when equivalent Scale is not populated	1
	language (39) <i>dataLang</i>	en	ISO 19115 Mandatory Default Value	n
	characterSet (40) – refer CodeList B.5.10 <i>dataChar</i>	utf8	Default Value	n
	topicCategory (41) – refer CodeList B.5.27 <i>tpCat</i>	boundaries, economy, location, planningCadastre, society, transportation	ISO 19115 Mandatory	n

Name		Description	Obligation Status	Max Occ
Spatial and Extents Module		Description of the spatial, temporal and extent elements for a resource		
MD_ReferenceSystem (13/186) <i>refSysInfo</i>		Identifies the spatial referencing system applying to the Resource	Mandatory ISO 19115 Core Element	n
.referenceSystemIdentifier (187) <i>refSysID</i>			ISO 19115 Mandatory	1
code (207) (from CodeList NZ_ReferenceSystems) <i>identCode</i>		WGS84	ISO 19115 Mandatory	1
MD_Identification (15/23) <i>dataIDInfo</i>		Details applicable to both a data or service resource	ISO 19115 Mandatory	n
MD_DataIdentification (36) <i>DataIdent</i>		Details specific to a data resource	ISO 19115 Mandatory	(fro)
extent (45) <i>dataExt</i>		Details defining the geographical, temporal and vertical extent of the resource		n
geographicElement (336)		Details defining the geographical extent	Mandatory	n
extentTypeCode (340) – refer Codelist B.3.1.1 <i>exTypeCode</i>		1	Mandatory Default Value	1
geographicIdentifier (349) <i>geoID</i>		New Zealand and territories	ISO 19115 Mandatory	1
geographicBox (343) <i>geoBox</i>			Conditional - If new dataset and there is no geographicIdentifier (349)	(fro)
westBoundLongitude(344) <i>westBL</i>		170.00	Mandatory	1
eastBoundLongitude(345) <i>eastBL</i>		160.00	Mandatory	1
southBoundLatitude(346) <i>southBL</i>		-57.00	Mandatory	1
northBoundLatitude(347) <i>northBL</i>		-25.00	Mandatory	1
.temporalElement (337) <i>tempEle</i>			Mandatory	n
extent (351) – refer B.4.6 <i>exTemp</i>		Defines the date or period that best reflects the on-the-ground currency of this particular data resource <i>calculated</i> 2002-01-01	ISO 19115 Mandatory	1
verticalElement (338) <i>vertEle</i>			Conditional - If there is a vertical aspect to the dataset	n
minimumValue (355) <i>vertMinVal</i>			ISO 19115 Mandatory	1

Name		Description	Obligation Status	Max Occ
Spatial and Extents Module		Description of the spatial, temporal and extent elements for a resource		
	maximumValue (356) <i>vertMaxVal</i>		ISO 19115 Mandatory	1
	unitOfMeasure (357) – refer B.4.3 <i>vertUoM</i>		ISO 19115 Mandatory Default value	1
	verticalDatum (358) – refer Codelist NZ_HeightDatums <i>vertDatum</i>		ISO 19115 Mandatory Default value	1
	MD_SpatialRepresentation (12/156)	Details about the form of representation for either vector or imagery data resources		N
	MD_VectorSpatialRepresentation (176) <i>VectSpatRep</i>	Details about the form of representation for either vector data resources	Conditional – if vector datasets	(fro)
	topologyLevel (177) – refer CodeList B.5.28 <i>topLvl</i>	abstract	Conditional – If new dataset	1
	MD_GridSpatialRepresentation (157) <i>GridSpatRep</i>	Information about imagery / grid spatial objects in the data resource	Conditional – if resource is a imagery dataset	(fro)
	numberOfDimensions (158) <i>numDims</i>		ISO 19115 Mandatory Default Value	1
	axisDimensionsProperties (159) <i>axDimProps</i>	Information about the spatial-temporal axes	ISO 19115 Mandatory	1
	dimensionName (180) – refer CodeList B.5.14 <i>dimName</i>		ISO 19115 Mandatory Default Value	1
	dimensionSize (181) <i>dimSize</i>		ISO 19115 Mandatory	1
	dimensionName (180) – refer CodeList B.5.14 <i>dimName</i>		ISO 19115 Mandatory Default Value	1
	dimensionSize (181) <i>dimSize</i>		ISO 19115 Mandatory	1
	cellGeometry (160) – refer CodeList B.5.9 <i>cellGeo</i>		ISO 19115 Mandatory Default Value	1
	transformationParameterAvailability (161) – Boolean 0=no, 1=yes <i>tranParaAv</i>		ISO 19115 Mandatory Default Value	1

Name		Description	Obligation Status	Max Occ
Data Quality Module		Provides an overall assessment of resource quality		
	dataQualityInfo (18) <i>dqInfo</i>	Details describing the quality of the resource	Mandatory	n
	Scope (79) <i>dqScope</i>	Defines the scope of the quality information supplied	ISO 19115 Mandatory	1
	level (139) – refer CodeList B.5.25 <i>scpLvl</i>	dataset	ISO 19115 Mandatory Default Value	1
	lineage (81) <i>dataLineage</i>	Describes how the resource was created	Mandatory	1
	statement (83) <i>statement</i>	<i>A general description of how dataset was generated or derived.</i>	Mandatory ISO 19115 Core	1
	processStep (84) <i>prcStep</i>	<i>A description of the processes used to create the resource</i>	Conditional - Only required if new dataset AND the individual process steps are significant and cannot be adequately described in the statement (83) element <i>To be repeated for all process steps used to create data resource</i>	N
	description (87) <i>stepDesc</i>	<i>Describe the processes used to create the resource</i>	ISO 19115 Mandatory	1
	description (87) <i>stepDesc</i>	<i>Describe each process step</i>	ISO 19115 Mandatory	1
	rationale (88) <i>stepRat</i>	<i>Describe why process step was required</i>	Mandatory	1
	dateTime (89) refer B.4.11 <i>stepDateTm</i>	2002-01-01 incremental updates from...	Mandatory	1
	processor (90) <i>stepProc</i>	<i>To be described when there are several organisations involved in the generation of the data</i>	Conditional - Only required if the organisation is different to the organisation responsible for the resource (usually the data steward)	n
	organisationName (376) <i>rpOrgName</i>	<i>LINZ</i>	Mandatory	1
	role (379) - refer CodeList B.5.5 <i>role</i>	originator	Mandatory Default value	1

Name		Description	Obligation Status	Max Occ
Data Quality Module		Provides an overall assessment of resource quality		
	source (85) <i>dataSource</i>	<i>Details of significant resources used to create this resource</i>	Conditional - Only required if new dataset AND the individual data sources are significant and cannot be adequately described in the statement (83) element <i>To be repeated for all data sources used to create data resource</i>	n
	scaleDenominator (94) <i>srcScale</i>	Various hydrographic charts 1: - 1: -	Mandatory	1
	sourceReferenceSystem (95) <i>srcRefSys</i>	Identifies the spatial referencing system applying to the source dataset	Conditional - Populate where SRS is different from data resource being described	1
	referenceSystemIdentifier (187) <i>refSysID</i>			1
	code (207) <i>identCode</i>	WGS84	Mandatory	1
	sourceCitation (96) <i>srcCitatn</i>	Citation details of source dataset	Mandatory	1
	title (360) <i>resTitle</i>	NZ Chart numbers as used	ISO 19115 Mandatory	1
	date (362) <i>resRefDate</i>	<i>Date to be the date that best reflects the on-the-ground currency of this particular data source</i>	ISO 19115 Mandatory	n
	date (394) <i>refDate</i>	2002-01-01 data captured and updated using latest edition of chart	ISO 19115 Mandatory	1
	dateType (395) – ref Codelist B.5.2 <i>refDateType</i>	creation	ISO 19115 Mandatory Default Value	1
	edition (363) <i>resEd</i>		Conditional - If versioning is used in conjunction with this data resource	1
	citedResponsibleParty (367) <i>citRespParty</i>	Identify the party responsible for the source dataset	Mandatory	n
	organisationName (376) <i>rpOrgName</i>	Land Information New Zealand	Mandatory	1
	role (379) - refer CodeList B.5.5 <i>role</i>	data steward	Mandatory Default value	1
	sourceExtent (97) <i>srcExt</i>		Conditional - If the extent is different to the data resource	n

Name	Description	Obligation Status	Max Occ
Data Quality Module	Provides an overall assessment of resource quality		
geographicIdentifier (349) <i>geoID</i>	New Zealand and offshore territories	Mandatory	1

Name	Description	Obligation Status	Max Occ
Data Characteristics Module	Contains basic information about the resource or resources		
MD_Identification (15/23) <i>dataIDInfo</i>		ISO 19115 Mandatory	n
resourceFormat (32/284) <i>dsFormat</i>	A description of the format of the resource	Conditional – If data is a resource	n
name (285) <i>formatName</i>	Shp text	ISO 19115 Mandatory	1
version (286) <i>formaVert</i>	Arcview 8.3 for shp	ISO 19115 Mandatory	1
MD_Usage (34/62) <i>idSpecUse</i>	Brief description of ways resource is currently used	Conditional – If use of resource is known	n
specificUsage (63) <i>specUsage</i>	Brief description of ways resource is currently used	ISO 19115 Mandatory	1
userDeterminedLimitations (65) <i>usrDetLim</i>	Applications determined by user for which the resource is not suitable	Conditional – If there are any user determined limitations	1
userContactInfo (66) <i>usrCntInfo</i>	Contact details for user		n
CI_RespParty(374) <i>RespParty</i>			(fro)
pointOfContact (29) <i>idPoC</i>	Identifies user organisation and contact within organisation	Mandatory	n
organisationName (376) <i>rpOrgName</i>	Land Information New Zealand	Conditional – If it is a new dataset	1
positionName (377) <i>rpPosName</i>	Adviser Nautical Information	Conditional – If it is a new dataset	1
contactInfo (387) <i>Contact</i>	Email contact details	Mandatory	(fro)
CI_Contactaddress (389) <i>CntAddress</i>		Mandatory	1

	electronicMailAddress(386) <i>eMailAdd</i>	bwallen@linz.govt.nz	Mandatory	n
	role (379) – ref Codelist B.5.5 <i>role</i>	pointOfContact	ISO 19115 Mandatory Default value	1
	MD_Constraints (35/67) <i>resConst</i>	Identifies any use limitations, access constraints or use constraints (such as copyright or IP) that apply to the resource		n
	useLimitation (68) <i>useLimit</i>	<i>Note any limitation affecting the fitness for use of the data resource</i>	<i>If any issues or constraints have been identified and adequately documented for the dataset</i>	n
	MD_LegalConstraints (69) <i>LegConsts</i>	Identifies (legal) access constraints or use constraints (such as copyright or IP) that apply to the resource		
	accessConstraints (70) – refer CodeList B.5.24 <i>accessConsts</i>	Copyright	Conditional – if there are any access constraints	n
	useConstraints (71) – refer CodeList B.5.24 <i>useConsts</i>	Copyright	Conditional if Crown Copyright applies Default Value	n
	otherConstraints (72) <i>othConsts</i>	Crown Copyright, New Zealand, 2003	Conditional if Crown Copyright applies Default Value	n