

Nova Scotia Profile of FGDC Metadata Standard

FGDC #	Field Title: NS Application	Definition / Explanation - From various sources	Field Type	Production Rules or Domain Values	Examples - From various existing metadata documents	FGDC References		
						Title	#	Short Name
m 1	SECTION 1: IDENTIFICATION INFORMATION	Basic information about the data set. The fields for "Identification Information" are found throughout Section 1, and include "Citation" (1.1) and "Abstract" (1.2.1). Data capture for Citation (1.1) occurs in Section 8: Citation Information.	Compound	1 (Identification Information) = 1.1 + 1.2 + 1.3 + 1.4 + 1.5 + 1.6 + 1.7 + 1.8 + 1.9 + 1.10 + 1.11 + 1.13 + 1.14 + 1.15	N/A <i>(Note: "N/A" in this context means that examples are "not applicable" to compound elements, because compound elements are titles of sections or subsections in the metadata standard)</i>	Identification Information	1	idinfo
m 1.1	Citation	The complete set of information (including "Title" (8.4), "Department, Division, Branch" (8.1), "Publication Date" (8.2), etc.), used to reference the data set. The data fields for "Citation" are found in Section 8: Citation Information.	Compound	1.1 (Citation) = Citation Information (see Section 8)	N/A	Citation	1.1	citation
m 1.2	Description	A characterization of the data set, including its intended use and limitations. Description is created by populating "Abstract" (1.2.1) and "Purpose" (1.2.2).	Compound	1.2 (Description) = 1.2.1 + 1.2.2	N/A	Description	1.2	descript
m 1.2.1	Abstract	A brief narrative summary of the data set, including a description of what it is, how/why it was created, and how many products (maps, reports, layers, etc.) it contains. This field has a free text domain.	Data	free text	<i>(Digital example) In consultation with coastal mapping users throughout the Province, the Nova Scotia Geomatics Centre (NSGC) embarked upon the creation of a Nova Scotia Topographic Database (NSTDB) 1:50000 Coastal Series mapping program in fiscal 1997/98. (From "1:50000 Coastal Series, Nova Scotia, Canada" - herein referred to as "Coastal") (Hardcopy example) The Province of Nova Scotia maintains a film archive of over 600,000 recent and historical vertical aerial photographs covering the entire province (1:10000 scale colour and 1:35000 / 1:40000 black and white). (From: "Nova Scotia Aerial Photograph Archive, Canada" - SNSMR - NSGC)</i>	Abstract	1.2.1	abstract
m 1.2.2	Purpose	A summary of the original intentions with which the data set was developed. The "Purpose" field of your metadata record should answer the question: "What is the original intended use of the data set?" This field has a free text domain.	Data	free text	<i>The 1:50000 Coastal Series is intended to support coastal resource mapping applications only. It is NOT intended for navigation purposes. (From "Coastal") Other example: To provide Wildlife Export Permits and policy for their use in order to provide the legal mechanism for export to occur and to gather annual statistics relative to numbers and parts exported. (From "Furbearers and Upland Game Program: Export Permits, Nova Scotia, Canada - FoxPro Database" - DNR Wildlife)</i>	Purpose	1.2.2	purpose
x 1.2.3	Supplemental Identification Information	Additional descriptive information about the data set. This field has a free text domain. Other Title(s): OM, Topo, Ortho: Display Scale Aerial: Flight Line; Centre Point - Source; Rotation Angle; Scanner ID Name; Scanner Serial Number; Number of Bits Per Channel; Scanning Resolution	Data	free text	<i>Supplemental Information for Scanned Aerial Photography Record for Aerial Photo 95012-42 Flight Line: L-3 Centre Point - Source: GPS Rotation Angle: 359.063261 Scanner ID Name: 1680 Professional FireWire Color Scanner Scanner Serial Number: # E1680-PROFWR Number of Bits Per Channel: 8 Scanning Resolution: 1200 ppi</i>	Supplemental Information	1.2.3	supplinf

FGDC #	Field Title: NS Application	Definition / Explanation - From various sources	Field Type	Production Rules or Domain Values	Examples - From various existing metadata documents	FGDC References		Short Name
						Title	#	
m 1.3	Time Period of Content	<p>The dates in which the data set was created or collected. It is qualified by the "Currentness Reference" (1.3.1).</p> <p>If the "Currentness Reference" (1.3.1) refers to "data capture dates", then "Time Period of Content" should state the dates of data collection.</p> <p>If the "Currentness Reference" (1.3.1) refers to "product publication dates", then "Time Period of Content" should contain the dates during which the data set was created.</p>	Compound	1.3 (Time Period of Content) = Time Period Information (see Section 9) + 1.3.1	N/A	Time Period of Content	1.3	timeperd
m 1.3.1	Currentness Reference	<p>The context for the "Time Period of Content" (1.3). This field has a domain of: "data capture date(s)", or "product publication date(s)", and a free text option.</p> <p>If the date(s) in "Time Period of Content" (1.3) refer to the date of the source data, then use "data capture dates" to populate this field.</p> <p>If the date(s) in "Time Period of Content" (1.3) refer to the date the data set was published, then use "product publication dates" to populate this field.</p>	Data	"data capture date(s)" "product publication date(s)" or free text	<i>The orthophotograph was created July 28, 2005 (product publication date) and the photography used to create the orthophoto was flown in May, 2005 (data capture date).</i>	Currentness Reference	1.3.1	current
m 1.4	Status	Information on the progress and maintenance and/or update frequency of the data set.	Compound	1.4 (Status) = 1.4.1 + 1.4.2	N/A	Status	1.4	status
m 1.4.1	Progress	The status of the data set. This field has a domain of: "Complete", "In Work", "Planned", and a free text option.	Data	"Complete" "In work" "Planned" or free text	<i>In work (From "Coastal")</i>	Progress	1.4.1	progress
m 1.4.2	Maintenance and Update Frequency	The frequency with which changes and additions are made to the data set after the initial data set is completed. This field has a domain of: "Continually", "Daily", "Weekly", "Monthly", "Annually", "Unknown", "As needed", "Irregular", "None planned", and a free text option.	Data	"Continually" "Daily" "Weekly" "Monthly" "Annually" "Unknown" "As needed" "Irregular" "None planned" or free text	<i>Unknown (From "Coastal")</i> <i>Other examples:</i> <i>2005 update planned. (From "1:150000 Nova Scotia Atlas, Canada - Book")</i> <i>Exports take place all year and data is tallied using August 1 to July 31 as an annual cycle. Computer reports are generated annually and kept on file at the Wildlife Division. (From "Furbearers and Upland Game Program: Export Permits, Nova Scotia, Canada - FoxPro Database" - DNR Wildlife)</i>	Maintenance and Update Frequency	1.4.2	update
m 1.5	Geographic Information	The geographic extent of the data set, expressed as a bounding box extent. Data fields are found in "Bounding Coordinates" (1.5.1).	Compound	1.5 (Spatial Domain) = 1.5.1	N/A	Spatial Domain	1.5	spdom
m 1.5.1	Bounding Coordinates	The limits of coverage of a data set expressed by latitude and longitude values in the order Western-most (1.5.1.1), Eastern-most (1.5.1.2), Northern-most (1.5.1.3), and Southern-most (1.5.1.4).	Compound	1.5.1 (Bounding Coordinates) = 1.5.1.1 + 1.5.1.2 + 1.5.1.3 + 1.5.1.4	N/A	Bounding Coordinates	1.5.1	bounding

FGDC #	Field Title: NS Application	Definition / Explanation - From various sources	Field Type	Production Rules or Domain Values	Examples - From various existing metadata documents	FGDC References		
						Title	#	Short Name
m 1.5.1.1	West	Western-most coordinate of the limit of coverage expressed in longitude. If coverage is Nova Scotia, enter "-66.3". Other Title(s): Aerial: Centre Point - Longitude	Data	"-66.3" (N.S. default) or decimal degrees	-67 (From "Coastal")	West Bounding Coordinate	1.5.1.1	westbc
m 1.5.1.2	East	Eastern-most coordinate of the limit of coverage expressed in longitude. If coverage is Nova Scotia, enter "-59.5". Other Title(s): Aerial: Centre Point - Longitude	Data	"-59.5" (N.S. default) or decimal degrees	-59 (From "Coastal")	East Bounding Coordinate	1.5.1.2	eastbc
m 1.5.1.3	North	Northern-most coordinate of the limit of coverage expressed in latitude. If coverage is Nova Scotia, enter "47". Other Title(s): Aerial: Centre Point - Latitude	Data	"47" (N.S. default) or decimal degrees	47.25 (From "Coastal")	North Bounding Coordinate	1.5.1.3	northbc
m 1.5.1.4	South	Southern-most coordinate of the limit of coverage expressed in latitude. If coverage is Nova Scotia, enter "43". Other Title(s): Aerial: Centre Point - Latitude	Data	"43" (N.S. default) or decimal degrees	43 (From "Coastal")	South Bounding Coordinate	1.5.1.4	southbc
m 1.6	Keywords	Common-use and/or scientific words or phrases summarizing the most prominent subject(s) and/or geographic location(s) covered by the data set.	Compound	1.6 (Keywords) = 1.6.1 + 1.6.2	N/A	Keywords	1.6	keywords
m 1.6.1	Theme	Subjects covered by the data set. This compound element is composed of "Theme Keyword Thesaurus" (1.6.1.1) and "Theme Keyword" (1.6.1.2).	Compound	1.6.1 (Theme) = 1.6.1.1 + 1.6.1.2	N/A	Theme	1.6.1	theme
m 1.6.1.1	Theme Keyword Thesaurus	Reference to a formally registered thesaurus or a similar authoritative source of theme keywords, such as the "Nova Scotia Geographic Names Database".	Data	"None" "Global Change Master Directory (GCMD)" or free text	<i>Theme Keyword Thesaurus: GCMD - GeoConnections Discovery Portal's (From "Coastal")</i>	Theme Keyword Thesaurus	1.6.1.1	themekt
m 1.6.1.2	Theme Keyword	Common-use or scientific word or phrase used to describe the subject of the data set.	Data	free text	<i>Theme Keyword: Earth Science > Oceans > Coastal Processes > Shorelines (From "Coastal") Theme Keyword: COAST (From "Coastal")</i>	Theme Keyword	1.6.1.2	themekey
m 1.6.2	Place	Communities, GSAs, counties, and NTS sheet (numbers and names) represented by the data set.	Compound	1.6.2 (Place) = 1.6.2.1 + 1.6.2.2	N/A	Place	1.6.2	place
m 1.6.2.1	Place Keyword Thesaurus	Reference to a formally registered thesaurus or a similar authoritative source of place keywords. GeoConnections refers to the Global Change Master Directory (GCMD) for a list of keywords. This field has a domain of: "None", "Geographic Names Information System", "Global Change Master Directory (GCMD)", and a free text option.	Data	"None" "Geographic Names Information System" "Global Change Master Directory (GCMD)" or free text	<i>Place Keyword Thesaurus: GCMD - GeoConnections Discovery Portal's (From "Coastal") Place Keyword Thesaurus: Nova Scotia's Place Keyword Thesaurus: Nova Scotia Geographic Names Index</i>	Place Keyword Thesaurus	1.6.2.1	placekt

FGDC #	Field Title: NS Application	Definition / Explanation - From various sources	Field Type	Production Rules or Domain Values	Examples - From various existing metadata documents	FGDC References		Short Name
						Title	#	
m 1.6.2.2	Place Keyword	<p>The place name of a location covered by a data set. Include reference(s) to counties, GSAs (General Service Area), communities, NTS Sheet numbers/names, and province name.</p> <p>This field has a domain of: "Nova Scotia", "Atlantic Canada", "Canada", and a free text option.</p> <p>Other Title(s):</p> <p>OM, Topo, Ortho, Aerial; Keyword: NTS Sheet Number; Keyword: NTS Sheet Name; Keyword: GSA or Community Name; Keyword: County Name(s); Keyword: Province Name</p>	Data	<p>"Nova Scotia" "Atlantic Canada" "Canada" or free text</p>	<p><i>Nova Scotia, Canada (From "Coastal")</i></p>	Place Keyword	1.6.2.2	placekey
m 1.7	Access Constraints	<p>Legal and internal restrictions and prerequisites for accessing the data set. Includes access constraints surrounding protection of privacy.</p> <p>This field has a domain of: "None", "Approval from Management required", "Access by valid request only", "FOIPOP may apply", "FOIPOP applies", "Access constraints exist", "Access constraints exist because data is part of thesis in progress", and a free text option.</p> <p>"Access constraints exist. Contact distributor for more information"</p> <p>"Access constraints because of partnership. Contact distributor for more information"</p>	Data	<p>"None" "Approval from Management required" "Access by valid request only" "FOIPOP may apply" "FOIPOP applies" "Access constraints exist" "Access constraints exist because data is part of thesis in progress" "Access constraints exist. Contact distributor for more information" "Access constraints because of partnership. Contact distributor for more information" or free text</p>	<p><i>Required to enter into a license agreement for access to the data. (From "Coastal")</i></p> <p><i>Other examples:</i></p> <p><i>Approval from Division management required. Access by valid request only. (From "Furbearers and Upland Game Program: Export Permits, Nova Scotia, Canada - FoxPro Database" - DNR Wildlife)</i></p> <p><i>Data is subject to the GeoBase Unrestricted Use License Agreement (http://www.geobase.ca - Data/Access/License section). (From: "Landsat 7 Orthorectified Imagery over Canada")</i></p>	Access Constraints	1.7	acconst
m 1.8	Use Constraints	<p>Restrictions and legal prerequisites for using the data set after access is granted. These include any use constraints applied to assure the protection of privacy or intellectual property, and any special restrictions or limitations on using the data set.</p> <p>This field has a domain of: "None", "For research purposes and in-house planning and management", "For in-house financial management and planning", and a free text option.</p>	Data	<p>"None" "For research purposes and in-house planning and management" "For in-house financial management and planning" or free text</p>	<p><i>As per license agreement and use of the DATA to identify and/or solicit individuals or organizations for purposes not related to property transactions or the management of resources located on the property(s), is strictly prohibited. (From "Coastal")</i></p> <p><i>Other example:</i></p> <p><i>Enforcement use by Nova Scotia Department of Natural Resources, Renewable Resources Branch, Wildlife Division only. (From "Furbearers and Upland Game Program: Export Permits, Nova Scotia, Canada - FoxPro Database" - DNR Wildlife)</i></p>	Use Constraints	1.8	useconst
m 1.9	Technical Contact	<p>Contact information for an individual or organization that is knowledgeable about the data set. Data fields appear in Section 10: Contact Information.</p>	Compound	<p>1.9 (Point of Contact) = Contact Information (see Section 10)</p>	N/A	Point of Contact	1.9	ptcontac
m 1.10	Browse Graphic	<p>A graphic that provides an illustration of the data set. The graphic may include a legend for interpreting the graphic, and is usually available on the web. Data fields are "Browse Graphic File Name" (1.10.1), "Description" (1.10.2), and "File Extension" (1.10.3).</p>	Compound	<p>1.10 (Browse Graphic) = 1.10.1 + 1.10.2 + 1.10.3</p>	N/A	Browse Graphic	1.10	browse

FGDC #	Field Title: NS Application	Definition / Explanation - From various sources	Field Type	Production Rules or Domain Values	Examples - From various existing metadata documents	FGDC References		
						Title	#	Short Name
m 1.10.1	Browse Graphic File Name	Location and name of a related graphic file that provides an illustration of the data set. Entries should usually follow the Uniform Resource Locator (URL) convention of the Internet (http://... or ftp://...).	Data	URL format: http://... or ftp://...	<i>http://www.gov.ns.ca/snsmr/land/imag es/Coastal50kSample.gif (From "Coastal")</i>	Browse Graphic File Name	1.10.1	browsen
m 1.10.2	Description	A text description of the illustration.	Data	free text	<i>Coastal Series Map Sample (in gif format) (From "Coastal")</i>	Browse Graphic File Description	1.10.2	browstd
m 1.10.3	File Extension	File format of the graphic file. This field has a domain of: "EPS", "GIF", "JPEG", "PS", "TIFF", "WMF", "PDF", and a free text option.	Data	"EPS" "GIF" "JPEG" "PS" "TIFF" "WMF" "PDF" or free text	<i>GIF (From "Coastal")</i>	Browse Graphic File Type	1.10.3	browset
x 1.13	File Location	A description of the data set, in terms of the name of the software (including version), the computer operating system, file name (including host-, path-, and filenames), and the data set size - for digital data sets this is expressed in kilobytes, megabytes, or gigabytes. This field has a free text domain.	Data	free text	<i>Microsoft Windows 2000 Version 5.0 (Build 2195) Service Pack 2; ESRI ArcCatalog 8.4.0.1 (From: "River Restoration Data in Lamoille County, Vermont" http://edcw2ks15.cr.usgs.gov/servlet/FGDCServlet/retrieve?pn=16&el=F&db=current&rp=3&mr=1&ac=current&cid=157&rsx=HTML)</i>	Native Data Set Environment	1.13	native
x 1.14	Related Dataset(s)	Information about other related data sets that are likely to be of interest. The data fields for "Related Dataset(s)" are found in Section 8: Citation Information.	Compound	1.14 (Cross Reference) = Citation Information (see Section 8)	N/A	Cross Reference	1.14	crossref
x 1.15-RS	Channel Identification	Complete information to identify instrument wavelengths or other bands.	Compound	1.15-RS (Band Identification) = 1.15.1-RS	N/A	Band Identification	1.15-RS	bandidnt
x 1.15.1-RS	Number of Image Channels53600	In the context of scanning, image channels are a range of measured wavelengths of energy, or portion of a frequency spectrum. Commonly related to a specific colour range. For example, all red data might be stored in a red band. RGB images contain three bands - red, green, and blue. Also referred to as Image Band. This field has a numeric value option.	Data	numeric value	<i>1 image channel</i>	Number of Bands	1.15.1-RS	numbands

FGDC #	Field Title: NS Application	Definition / Explanation - From various sources	Field Type	Production Rules or Domain Values	Examples - From various existing metadata documents	FGDC References		Short Name
						Title	#	
x 1.11	Data Set Credit	Name of the organization responsible for production and/or quality control of deliverables for a project. If contractor, indicate contractor's name and address. If in-house, indicate department, division, branch. This field has a free text domain. Other Title(s): OM: Map Producer Topo: Revision Contact Ortho: Orthophoto Producer Aerial: Scanning Production Group; QC Inspection Group	Data	free text	<i>Orthophoto Producer: Atlantic Air Survey Ltd., 199 Ritcey Crescent, Dartmouth, Nova Scotia B2W 6J9</i>	Data Set Credit	1.11	datacred
x 2	SECTION 2: DATA QUALITY INFORMATION	A general assessment of the quality of the data set.	Compound	2 (Data Quality Information) = 2.1 + 2.2 + 2.3 + 2.4 + 2.5 + 2.6	N/A	Data Quality Information	2	dataqual
x 2.1	Attribute Accuracy	The accuracy or reliability of attribute data within the limits described by feature completeness. The data fields for "Attribute Accuracy" are "Attribute Accuracy Details" (2.1.1) and "Quantitative Attribute Accuracy Assessment" (2.1.2).	Compound	2.1 (Attribute Accuracy) = 2.1.1 + 2.1.2	N/A	Attribute Accuracy	2.1	attracc
x 2.1.1	Attribute Accuracy Details	An explanation of the accuracy or reliability of attribute data within the limits described by feature completeness and a description of the tests used. This field has a free text domain. Scanned Aerial Photography Metadata Standard Definition: Scanner calibration report file name, with file extension.	Data	free text	<i>Six (6) multispectral bands are available with a resolution of 30 metres. A panchromatic band 8 was added, with a resolution of 15 metres. Band 6 now has high-gain and low-gain bands with a resolution of 60 metres. (From "Landsat 7 Orthorectified Imagery over Canada")</i>	Attribute Accuracy Report	2.1.1	attraccr
x 2.1.2	Quantitative Attribute Accuracy Assessment	A value assigned to summarize the accuracy or reliability of attribute data within the limits described by feature completeness and the identification of the test that yielded the value.	Compound	2.1.2 (Quantitative Attribute Accuracy Assessment) = 2.1.2.1 + 2.1.2.2	N/A	Quantitative Attribute Accuracy Assessment	2.1.2	qattracc
x 2.1.2.1	Attribute Accuracy Value	An estimate of the accuracy or reliability of attribute data within the limits described by feature completeness. This field has a domain of: free text, or "Unknown".	Data	free text or "Unknown"		Attribute Accuracy Value	2.1.2.1	attraccv
x 2.1.2.2	Attribute Accuracy Explanation	The identification of the test that yielded the Attribute Accuracy Value. This field has a free text domain.	Data	free text		Attribute Accuracy Explanation	2.1.2.2	attracce

FGDC #	Field Title: NS Application	Definition / Explanation - From various sources	Field Type	Production Rules or Domain Values	Examples - From various existing metadata documents	FGDC References		Short Name
						Title	#	
x 2.2	Logical Consistency Details	An explanation referring to the topologic structure of the data within a database and its ability to relate elements to each other without contradictions. This field has a free text domain.	Data	free text	<i>Control points are chosen in predefined areas on the image to ensure good and equitable distribution. The image area planned for control-point selection has been reduced by 4,5 km in the east and west boundaries of the image. This reduction ensures reuse of the same control points in the next image update. Tests were done on 3 images to determine the best location of control points within an image in order to achieve greater accuracy. (From "Landsat 7 Orthorectified Imagery over Canada" - http://geodiscover.cgdi.ca/gdp/search?action=fullMetadata&entryType=productCollection&entryId=1583&entryLang=en&portal=gdp)</i>	Logical Consistency Report	2.2	logic
x 2.3	Completeness Report	Information about omissions, selection criteria, generalization, definitions used, and other rules used to derive the data set. The "NS Geographic Information Standards Manual" refers to completeness as "an assessment of content and coverage". This field has a free text domain.	Data	free text	<i>The data set is derived from Landsat-7 raw image level LIG. It has been processed using control points based on the most accurate control available data in the country. The methodology ensures homogeneous distribution of control points within the image. The parametric model was developed by Dr. Thierry Toutin at the Canada Centre for Remote Sensing (CCRS), Natural Resources Canada. (From "Landsat 7 Orthorectified Imagery over Canada" - http://geodiscover.cgdi.ca/gdp/search?action=fullMetadata&entryType=productCollection&entryId=1583&entryLang=en&portal=gdp)</i> <i>See EO1 data dictionary (from: "EO1 Hyperion Scene: EO1H0120292001241110PP_PF1_01 , for target path 12, and target row 29" http://edcw2ks15.cr.usgs.gov/servlet/FGDCServlet/retrieve?pn=9&el=F&db=current&rp=3&mr=1&ac=current&cid=153&rsx=HTML)</i>	Completeness Report	2.3	complete
x 2.4	Positional Accuracy	The root mean square error (RMSE) of the coordinates relative to the position of the real world entity being modeled. Positional accuracy shall be specified without relation to scale and shall contain all errors introduced by source documents, data capture, and data processing.	Compound	2.4 (Positional Accuracy) = 2.4.1 + 2.4.2	N/A	Positional Accuracy	2.4	posacc
x 2.4.1	Horizontal Positional Accuracy	An estimate of accuracy of the horizontal positions of the spatial objects in the data set.	Compound	2.4.1 (Horizontal Positional Accuracy) = 2.4.1.1	N/A	Horizontal Positional Accuracy	2.4.1	horizpa
x 2.4.1.1	Horizontal Positional Accuracy Details	An explanation of the accuracy of the horizontal coordinate measurements and a description of the tests used. This field has a free text domain.	Data	free text	<i>+/- 1 metre (From "High Resolution (50 centimetre) Orthoimagery for Toronto, Ontario, Canada" - Sani-International Technology Advisors Inc.)</i>	Horizontal Positional Accuracy Report	2.4.1.1	horizpar
x 2.4.2	Vertical Positional Accuracy	An estimate of accuracy of the vertical positions of the spatial objects in the data set.	Compound	2.4.2 (Vertical Positional Accuracy) = 2.4.2.1	N/A	Vertical Positional Accuracy	2.4.2	vertacc
x 2.4.2.1	Vertical Positional Accuracy Details	An explanation of the accuracy of the vertical coordinate measurements and a description of the tests used.	Data	free text		Vertical Positional Accuracy Report	2.4.2.1	vertaccr

FGDC #	Field Title: NS Application	Definition / Explanation - From various sources	Field Type	Production Rules or Domain Values	Examples - From various existing metadata documents	FGDC References		Short Name
						Title	#	
x 2.5	Lineage	Information about the processes, parameters, organizations responsible, and source data, which comprise the data set.	Compound	2.5 (Lineage) = 2.5.1 + 2.5.2	N/A	Lineage	2.5	lineage
x 2.5.1	Source Information	Would you like to reference source contribution(s)? List of sources and information about the data contributed by each.	Compound	2.5.1 (Source Information) = 2.5.1.1 + 2.5.1.2 + 2.5.1.3 + 2.5.1.4 + 2.5.1.5 + 2.5.1.6	N/A	Source Information	2.5.1	srcinfo
x 2.5.1.1	Source Citation	Information used to reference a source data set. The data fields for "Source Citation" are found in Section 8: Citation Information.	Compound	2.5.1.1 (Source Citation) = Citation Information (see Section 8)	N/A	Source Citation	2.5.1.1	srccite
x 2.5.1.2	Source Scale Denominator	The ratio of the distance on a map to the corresponding distance on the ground. Under FGDC guidelines, scale is expressed using the denominator only. For example, under these guidelines, a map with a scale of 1:10000 is expressed as 10000 in the metadata record. Other Title(s): OM, Topo, Ortho: Source(s) Scale Aerial: Original Photo: Scale	Data	"1000" "2000" "5000" "10000" "50000" "150000" or numeric value	10000 (From "Coastal") Other example: 1:10000 and 1:50000 (From "Sea Kayak Routes of Nova Scotia, Canada" - Health Promotion)	Source Scale Denominator	2.5.1.2	srcscale
x 2.5.1.3	Type of Source Media	The type of media the source data was received on. This field has a domain of: "paper", "stable-base material", "microfiche", "microfilm", "audiocassette", "chart", "filmstrip", "transparency", "videocassette", "videodisc", "videotape", "physical model", "computer program", "disc", "cartridge tape", "magnetic tape", "online", "CD-ROM", "electronic bulletin board", "electronic mail system", and a free text option. Other Title(s): Aerial: Original Photo: Material; Original Photo: Type; Original Photo: Pos or Neg	Data	"paper" "stable-base material" "microfiche" "microfilm" "audiocassette" "chart" "filmstrip" "transparency" "videocassette" "videodisc" "videotape" "physical model" "computer program" "disc" "cartridge tape" "magnetic tape" "online" "CD-ROM" "electronic bulletin board" "electronic mail system" or free text	Digital files of 1: 10000 and 1: 50000 topographic series from Nova Scotia Geomatics Centre (From "Sea Kayak Routes of Nova Scotia, Canada" - Health Promotion)	Type of Source Media	2.5.1.3	typesrc
x 2.5.1.4	Source Time Period of Content	Time period reference for the source. When was the source data collected or created?	Compound	2.5.1.4 (Source Time Period of Content) = Time Period Information (see Section 9) + 2.5.1.4.1	N/A	Source Time Period of Content	2.5.1.4	srctime
x 2.5.1.4.1	Source Currentness Reference	The basis on which the source time period of content information of the source data set is determined. This field has a domain of: "ground condition", or "publication date", as well as a free text option.	Data	"ground condition" "publication date" or free text	ground condition (From "Coastal")	Source Currentness Reference	2.5.1.4.1	srccurr
x 2.5.1.5	Source Abbreviation	Short-form or alias for the title of the source data. This field has a free text domain.	Data	free text	NSTDB, CHS, DNR, NB, PEI (From "Coastal")	Source Citation Abbreviation	2.5.1.5	srccitea

FGDC #	Field Title: NS Application	Definition / Explanation - From various sources	Field Type	Production Rules or Domain Values	Examples - From various existing metadata documents	FGDC References		
						Title	#	Short Name
x 2.5.1.6	Source Contribution	Brief statement identifying the information contributed by the source to the data set. This field has a free text domain.	Data	free text	Base map data (NSTDB), hydrographic data (CHS), 1:10000 10k forest polygons (DNR), base map data (NB & PEI) (From "Coastal")	Source Contribution	2.5.1.6	srconctr
x 2.5.2	Process Step	A description of the step(s) to create the data set.	Compound	2.5.2 (Process Step) = 2.5.2.1 + 2.5.2.3 + 2.5.2.6	N/A	Process Step	2.5.2	procstep
x 2.5.2.1	Process Description	A brief written explanation of one or many steps in the process of creating the data set. An explanation of related parameters or tolerances may also be discussed in this field. This field has a free text domain.	Data	free text	Information about the EO-1 satellite processing and its sensors is available at: http://eo1.gsfc.nasa.gov and at http://eo1.usgs.gov (from: "EO1 Advanced Land Imager Scene: EO1A0110292001170111PP_PF1_01, for Target Path 11, and Target Row 29" http://edcw2ks15.cr.usgs.gov/servlet/FGDCServlet/retrieve?pn=2&el=F&db=current&rp=3&mr=1&ac=current&cid=149&rsx=HTML)	Process Description	2.5.2.1	procdesc
x 2.5.2.3	Process Date	The date when the data set was produced or revised. This field has a domain of "yyyy-mm-dd", "Unknown", or "Not complete". Other Title(s): Aerial: Scanning Date Scanned Aerial Photography Metadata Standard Definition: Date the photograph was scanned, expressed as year-month-day (yyyy-mm-dd).	Data	yyyy-mm-dd or "Unknown" "Not complete"	20010619 (from: "EO1 Advanced Land Imager Scene: EO1A0110292001170111PP_PF1_01, for Target Path 11, and Target Row 29" http://edcw2ks15.cr.usgs.gov/servlet/FGDCServlet/retrieve?pn=2&el=F&db=current&rp=3&mr=1&ac=current&cid=149&rsx=HTML)	Process Date	2.5.2.3	procdat
x 2.5.2.6	Process Contact Information	The organization responsible for producing the original or revised data set(s), or - in the case of scanned aerial photography - the organization responsible for scanning the aerial photograph(s). Other Title(s): Topo: Revision Contact	Compound	2.5.2.6 (Process Contact) = Contact Information (see Section 10)	N/A	Process Contact	2.5.2.6	proconct
x 2.6	Cloud Cover: Percentage of Obstruction	Area of a data set obstructed by clouds, expressed as a percentage of the spatial extent. This field has a domain of: numeric value, or "Unknown".	Data	numeric value or "Unknown"	25%	Cloud Cover	2.6	cloud
x 3	SECTION 3: SPATIAL DATA ORGANIZATION INFORMATION	Information about how the data set occupies space.	Compound	3 (Spatial Data Organization Information) = 3.1 + 3.2	N/A	Spatial Data Organization Information	3	spdoinfo
m 3.2	Direct Spatial Reference Method	The system of objects used to represent space in the data set. This field has a domain of: "Point", "Vector", and/or "Raster", unless data is not spatial in nature (i.e. a static map or an air photo that is not geo-referenced), in which case refer instead to the field "Indirect Spatial Reference"(3.1).	Data	"Point" "Vector" "Raster"	Vector (From "Coastal")	Direct Spatial Reference Method	3.2	direct

FGDC #	Field Title: NS Application	Definition / Explanation - From various sources	Field Type	Production Rules or Domain Values	Examples - From various existing metadata documents	FGDC References		
						Title	#	Short Name
m 3.1	Indirect Spatial Reference Method	If the data set is indirectly spatially referenced, name types of geographic data within the data set. This field has a domain of: "postal code", "county", "town", "street", "community", "municipality", "constituency", "property id number", "Nova Scotia Atlas grid reference", "Nova Scotia Book of Maps grid atlas", and a free text option.	Data	"postal code" "county" "town" "street" "community" "municipality" "constituency" "property id number" "Nova Scotia Atlas grid reference" "Nova Scotia Book of Maps grid atlas" or free text	<i>District office location. (From "Furbearers and Upland Game Program: Export Permits, Nova Scotia, Canada - FoxPro Database" - DNR Wildlife)</i>	Indirect Spatial Reference	3.1	indspref
x 3.4	Raster Object Information	The types and numbers of raster spatial objects in the data set.	Compound	3.4 (Raster Object Information) = 3.4.1 + 3.4.2 + 3.4.3 + 3.4.4	N/A	Raster Object Information	3.4	rastinfo
x 3.4.1	Raster Object Type	Raster spatial objects used to locate zero-, two-, or three-dimensional locations in the data set. This field has a domain of: "point", "pixel", "grid cell", "voxel", and a free text option.	Data	"point" "pixel" "grid cell" "voxel" or free text	<i>pixel</i>	Raster Object Type	3.4.1	rasttype
x 3.4.2	Row Count	The maximum number of raster objects along the ordinate (y) axis. For use with rectangular raster objects. This field has a numeric value option.	Data	numeric value	<i>300</i>	Row Count	3.4.2	rowcount
x 3.4.3	Column Count	The maximum number of raster objects along the abscissa (x) axis. For use with rectangular raster objects. This field has a numeric value option.	Data	numeric value	<i>300</i>	Column Count	3.4.3	colcount
x 3.4.4	Vertical Count	The maximum number of raster objects along the vertical (z) axis. For use with rectangular volumetric raster objects. This field has a numeric value option.	Data	numeric value	<i>1</i>	Vertical Count	3.4.4	vertcount
x 4	SECTION 4: SPATIAL REFERENCE INFORMATION	Spatial Reference is a coordinate system based upon survey measurements used to define the relative and/or absolute location of features.	Compound	4 (Spatial Reference Information) = 4.1 + 4.2	N/A	Spatial Reference Information	4	spref
x 4.1	Horizontal Coordinate System Definition	The reference frame or system from which linear or angular quantities are measured and assigned to the position that a point occupies.	Compound	4.1 (Horizontal Coordinate System Definition) = 4.1.1 OR 4.1.2 OR 4.1.3	N/A	Horizontal Coordinate System Definition	4.1	horizsys
x 4.1.1	Geographic Horizontal Coordinate System Definition	The quantities of latitude and longitude which define the position of a point on the Earth's surface with respect to a reference spheroid.	Compound	4.1.1 (Geographic) = 4.1.1.1 + 4.1.1.2 + 4.1.1.3	N/A	Geographic	4.1.1	geograph
x 4.1.1.1	Latitude Resolution	The minimum difference between two adjacent latitude values expressed in Geographic Coordinate Units of measure. This field has a numeric value option.	Data	numeric value	<i>50 centimeters (From "High Resolution (50 centimetre) Orthoimagery for Toronto, Ontario, Canada" - Sani-International Technology Advisors Inc.)</i>	Latitude Resolution	4.1.1.1	latres
x 4.1.1.2	Longitude Resolution	The minimum difference between two adjacent longitude values expressed in Geographic Coordinate Units of measure. This field has a numeric value option.	Data	numeric value	<i>50 centimeters (From "High Resolution (50 centimetre) Orthoimagery for Toronto, Ontario, Canada" - Sani-International Technology Advisors Inc.)</i>	Longitude Resolution	4.1.1.2	longres

FGDC #	Field Title: NS Application	Definition / Explanation - From various sources	Field Type	Production Rules or Domain Values	Examples - From various existing metadata documents	FGDC References		
						Title	#	Short Name
x 4.1.1.3	Geographic Coordinate Units	Units of measure used for the latitude and longitude values. This field has a free text domain.	Data	free text	<i>Centimetres (From "High Resolution (50 centimetre) Orthoimagery for Toronto, Ontario, Canada" - Sani-International Technology Advisors Inc.)</i>	Geographic Coordinate Units	4.1.1.3	geogunit
x 4.1.2	Planar Horizontal Coordinate System Definition	The quantities of distances, or distances and angles, which define the position of a point on a reference plane to which the surface of the Earth has been projected. Refer to one of the following subsections for data fields: "Map Projection" (4.1.2.1), "Grid Coordinate System" (4.1.2.2), or "Local Planar" (4.1.2.3).	Compound	4.1.2 (Planar) = 4.1.2.1 OR 4.1.2.2 OR 4.1.2.3	N/A	Planar	4.1.2	planar
x 4.1.2.1	Map Projection	The systematic representation of all or part of the surface of the Earth on a plane or developable surface.	Compound	4.1.2.1 (Map Projection) = 4.1.2.1.1 + (4.1.2.1.10 OR 4.1.2.1.21) + all data elements pertaining to that projection	N/A	Map Projection	4.1.2.1	mapproj
x 4.1.2.1.1	Map Projection Name	Name of the map (or orthophoto map) projection. This field has a domain of: "Universal Transverse Mercator", or "Modified Transverse Mercator", as well as a free text option. Other Title(s): OM, Topo, Ortho: Projection	Data	"Universal Transverse Mercator" "Modified Transverse Mercator" or free text	<i>Universal Transverse Mercator (From "Coastal")</i>	Map Projection Name	4.1.2.1.1	mapprojn
x 4.1.2.1.21	Transverse Mercator	Contains parameters for the Transverse Mercator projection.	Compound	4.1.2.1.21 (Transverse Mercator) = 4.1.2.1.23.17 + 4.1.2.1.23.2 + 4.1.2.1.23.3 + 4.1.2.1.23.4 + 4.1.2.1.23.5	N/A	Transverse Mercator	4.1.2.1.2	transmer1
x 4.1.2.1.23	Map Projection Parameters	A complete parameter set of the projection that was used for the data set. The information provided shall include the names of the parameters and values used for the data set that describe the mathematical relationship between the Earth and the plane or developable surface for the projection.	Compound	4.1.2.1.23 (Map Projection Parameters) = Appropriate data elements 4.1.2.1.23.2 through 4.1.2.1.23.18 to document the map projection parameters.)	N/A	Map Projection Parameters	4.1.2.1.2	mapprojp3
x 4.1.2.1.23.2	Longitude of Central Meridian	The line of longitude at the center of a map projection generally used as the basis for constructing the projection. This field has a numeric value option.	Data	numeric value	<i>63 (From "Coastal")</i>	Longitude of Central Meridian	4.1.2.1.2	longcm3.2
x 4.1.2.1.23.3	Latitude of Projection Origin	Latitude chosen as the origin of rectangular coordinates for a map projection. This field has a numeric value option.	Data	numeric value	<i>Equator (0) (From "Coastal")</i>	Latitude of Projection Origin	4.1.2.1.2	latproj3.3
x 4.1.2.1.23.4	False Easting	The value added to all "x" values in the rectangular coordinates for a map projection. This value frequently is assigned to eliminate negative numbers. Also identify the units of measure. This field has a numeric value option.	Data	numeric value	<i>500000 (From "Coastal")</i>	False Easting	4.1.2.1.2	feast3.4

FGDC #	Field Title: NS Application	Definition / Explanation - From various sources	Field Type	Production Rules or Domain Values	Examples - From various existing metadata documents	FGDC References		
						Title	#	Short Name
x 4.1.2.1 .23.5	False Northing	The value added to all "y" values in the rectangular coordinates for a map projection. This value is most frequently assigned to eliminate negative numbers. Also identify the units of measure. This field has a numeric value option.	Data	numeric value	0 (From "Coastal")	False Northing	4.1.2.1.2 3.5	fnorth
x 4.1.2.1 .23.17	Scale Factor at Central Meridian	A multiplier for reducing a distance obtained from a map by computation or scaling to the actual distance along the central meridian. This field has a numeric value option.	Data	numeric value	0.996 (From "Coastal")	Scale Factor at Central Meridian	4.1.2.1.2 3.17	sfctrmer
x 4.1.2.1 .23.18	Other Projection's Definition	If projection is something else, provide details here. This field has a free text domain. This field should provide a description of a projection, not defined elsewhere in the standard, which was used for the data set.	Data	free text		Other Projection's Definition	4.1.2.1.2 3.18	otherprj
x 4.1.2.2	Grid Coordinate System	A plane-rectangular coordinate system usually based on, and mathematically adjusted to, a map projection so that geographic positions can be readily transformed to and from plane coordinates.	Compound	4.1.2.2 (Grid Coordinate System) = 4.1.2.2.1 + (4.1.2.2.2 OR 4.1.2.2.6)	N/A	Grid Coordinate System	4.1.2.2	gridsys
x 4.1.2.2 .1	Grid Coordinate System Name	Name of the grid coordinate system. This field has a domain of: "Universal Transverse Mercator", or "other grid system", and a free text option.	Data	"Universal Transverse Mercator" "other grid system" or free text	<i>Universal Transverse Mercator</i>	Grid Coordinate System Name	4.1.2.2.1	gridsysn
x 4.1.2.2 .2	Universal Transverse Mercator (UTM)	A grid system based on the Transverse Mercator projection, applied between latitudes 84 degrees north and 80 degrees south on the Earth's surface.	Compound	4.1.2.2.2 (Universal Transverse Mercator) = 4.1.2.2.2.1 + 4.1.2.1.21	N/A	Universal Transverse Mercator (UTM)	4.1.2.2.2	utm
x 4.1.2.2 .2.1	UTM Zone Number	Identifier for the UTM zone. This field has a numeric value option.	Data	numeric value	20 - expanded (includes Western-most and Eastern-most parts of Nova Scotia) (From "Coastal")	UTM Zone Number	4.1.2.2.2 .1	utmzone
x 4.1.2.2 .6	Other Grid System's Definition	If grid coordinate system is something else, provide details here. This field has a free text domain. A complete description of a grid system, not defined elsewhere in this standard, which was used for the data set.	Data	free text		Other Grid System's Definition	4.1.2.2.6	othergrd
x 4.1.2.3	Local Planar	Any right-handed planar coordinate system of which the z-axis coincides with a plumb line through the origin that locally is aligned with the surface of the Earth.	Compound	4.1.2.3 (Local Planar) = 4.1.2.3.1 + 4.1.2.3.2	N/A	Local Planar	4.1.2.3	localp
x 4.1.2.3 .1	Local Planar Description	A description of the local planar system. This field has a free text domain.	Data	free text		Local Planar Description	4.1.2.3.1	localpd
x 4.1.2.3 .2	Local Planar Geographic Reference Information	A description of the information provided to register the local planar system to the Earth (e.g. control points, satellite ephemeral data, inertial navigation data). This field has a free text domain.	Data	free text		Local Planar Georeference Information	4.1.2.3.2	localpgi

FGDC #	Field Title: NS Application	Definition / Explanation - From various sources	Field Type	Production Rules or Domain Values	Examples - From various existing metadata documents	FGDC References		
						Title	#	Short Name
x 4.1.3	Local Horizontal Coordinate System Definition	A description of any coordinate system that is not aligned with the surface of the Earth.	Compound	4.1.3 (Local) = 4.1.3.1 + 4.1.3.2	N/A	Local	4.1.3	local
x 4.1.3.1	Local Description	A description of the coordinate system and its orientation to the surface of the Earth. This field has a free text domain.	Data	free text		Local Description	4.1.3.1	localdes
x 4.1.3.2	Local Geographic Reference Information	A description of the information provided to register the local system to the Earth (e.g. control points, satellite ephemeral data, inertial navigation data). This field has a free text domain.	Data	free text		Local Georeference Information	4.1.3.2	localgeo
x 4.1.4	Geodetic Model	Parameters for the shape of the earth.	Compound	4.1.4 (Geodetic Model) = 4.1.4.1	N/A	Geodetic Model	4.1.4	geodetic
x 4.1.4.1	Horizontal Datum Name	The identification given to the reference system used for defining the coordinates of points. This field has a domain of: "North American Datum 1927", "North American Datum 1983", "Average Terrestrial System 1977", and a free text option.	Data	"North American Datum 1927" "North American Datum 1983" "Average Terrestrial System 1977" or free text	<i>NAD83 - Realization 1989 (1989 version of NAD83) (From "Coastal")</i>	Horizontal Datum Name	4.1.4.1	horizdn
x 4.2	Vertical Coordinate System Definition	The reference frame or system from which vertical distances (altitudes or depths) are measured. (This section is specific to the type of dataset containing elevation data, coastal maps, for example).	Compound	4.2 (Vertical Coordinate System Definition) = 4.2.1 + 4.2.2	N/A	Vertical Coordinate System Definition	4.2	vertdef
x 4.2.1	Altitude System Definition	The reference frame or system from which altitudes (elevations) are measured.	Compound	4.2.1 (Altitude System Definition) = 4.2.1.1 + 4.2.1.2 + 4.2.1.3 + 4.2.1.4	N/A	Altitude System Definition	4.2.1	altsys
x 4.2.1.1	Altitude Datum Name	The identification given to the surface taken as the surface of reference from which altitudes are measured. This field has a domain of: "National Geodetic Vertical Datum 1929", or "North American Vertical Datum 1988", as well as a free text option. Other Title(s): OM, Topo, Ortho: Vertical Datum Name	Data	"National Geodetic Vertical Datum 1929" "North American Vertical Datum 1988" or free text	<i>North American Vertical Datum (NAVD) 1928 (From "Coastal")</i>	Altitude Datum Name	4.2.1.1	altdatum
x 4.2.1.2	Altitude Resolution	The minimum distance possible between two adjacent altitude values, expressed in "Altitude Distance Units" (4.2.1.3) of measure. This field has a numeric value option.	Data	numeric value	<i>1/10 metre x,y,z (From "Coastal")</i>	Altitude Resolution	4.2.1.2	altres
x 4.2.1.3	Altitude Distance Units	Units in which altitudes are recorded. This field has a free text domain. Other Title(s): OM, Topo, Ortho: Vertical Distance Units	Data	free text	<i>Metres (From "Coastal")</i>	Altitude Distance Units	4.2.1.3	altunits
x 4.2.1.4	Altitude Encoding Method	The means used to encode the altitudes. This field has a free text domain.	Data	free text	<i>Photogrammetry or GPS (From "Coastal")</i>	Altitude Encoding Method	4.2.1.4	altenc

FGDC #	Field Title: NS Application	Definition / Explanation - From various sources	Field Type	Production Rules or Domain Values	Examples - From various existing metadata documents	FGDC References		
						Title	#	Short Name
x 4.2.2	Depth System Definition	The reference frame or system from which depths are measured.	Compound	4.2.2 (Depth System Definition) = 4.2.2.1 + 4.2.2.2 + 4.2.2.3 + 4.2.2.4	N/A	Depth System Definition	4.2.2	depthsys
x 4.2.2.1	Depth Datum Name	The identification given to surface of reference from which depths are measured. This field has a domain of: "Local surface", "Chart datum; datum for sounding reduction", "Mean low water", "Mean high water", "Mean sea level", "Land survey datum", "Spring tide", "High water", "Low water", "Mean tide level", and a free text option.	Data	"Local surface" "Chart datum; datum for sounding reduction" "Mean low water" "Mean high water" "Mean sea level" "Land survey datum" "Spring tide" "High water" "Low water" "Mean tide level" or free text	<i>Chart Datum (varies from sheet to sheet and from chart to chart) (From "Coastal")</i>	Depth Datum Name	4.2.2.1	depthdn
x 4.2.2.2	Depth Resolution	The minimum distance possible between two adjacent depth values, expressed in "Depth Distance Units" (4.2.2.3) of measure. This field has a numeric value option.	Data	numeric value	<i>1/10 metre x,y,z (From "Coastal")</i>	Depth Resolution	4.2.2.2	depthres
x 4.2.2.3	Depth Distance Units	Units in which depths are recorded. This field has a domain of: "meters", or "feet", as well as a free text option.	Data	"meters" "feet" or free text	<i>Metres (From "Coastal")</i>	Depth Distance Units	4.2.2.3	depthdu
x 4.2.2.4	Depth Encoding Method	The means used to encode depths. This field has a domain of: "Explicit depth coordinate included with horizontal coordinates", "Implicit coordinate", "Attribute values", and a free text option.	Data	"Explicit depth coordinate included with horizontal coordinates" "Implicit coordinate" "Attribute values" or free text	<i>CHS data - methods unknown (From "Coastal")</i>	Depth Encoding Method	4.2.2.4	depthem
x 5	SECTION 5: ENTITY & ATTRIBUTE INFORMATION	Details about the information content of the data set, including the entity types, their attributes, and the domains from which attribute values may be assigned.	Compound	5 (Entity and Attribute Information) = 5.1 OR 5.2 OR 5.1 + 5.2	N/A	Entity and Attribute Information	5	eainfo
x 5.1	Detailed Description	Description of the entities, attributes, attribute values, and related characteristics encoded in the data set.	Compound	5.1 (Detailed Description) = 5.1.1 + 5.1.2	N/A	Detailed Description	5.1	detailed
x 5.1.1	Entity Type	The definition and description of a set into which similar entity instances are classified.	Compound	5.1.1 (Entity Type) = 5.1.1.1 + 5.1.1.2 + 5.1.1.3	N/A	Entity Type	5.1.1	enttype
x 5.1.1.1	Entity Type Label	The name of the entity type. This field has a free text domain.	Data	free text		Entity Type Label	5.1.1.1	enttyp1
x 5.1.1.2	Entity Type Definition	The description of the entity type. This field has a free text domain.	Data	free text		Entity Type Definition	5.1.1.2	enttypd
x 5.1.1.3	Entity Type Definition Source	The authority of the definition. This field has a free text domain.	Data	free text		Entity Type Definition Source	5.1.1.3	enttypds

FGDC #	Field Title: NS Application	Definition / Explanation - From various sources	Field Type	Production Rules or Domain Values	Examples - From various existing metadata documents	FGDC References		
						Title	#	Short Name
x 5.1.2	Attribute	A defined characteristic of an entity.	Compound	5.1.2 (Attribute) = 5.1.2.1 + 5.1.2.2 + 5.1.2.3 + 5.1.2.4	N/A	Attribute	5.1.2	attr
x 5.1.2.1	Attribute Label	The name of the attribute. This field has a free text domain.	Data	free text		Attribute Label	5.1.2.1	attrlabl
x 5.1.2.2	Attribute Definition	The description of the attribute. This field has a free text domain.	Data	free text		Attribute Definition	5.1.2.2	attrdef
x 5.1.2.3	Attribute Definition Source	The authority of the definition. This field has a free text domain.	Data	free text		Attribute Definition Source	5.1.2.3	attrdefs
x 5.1.2.4	Attribute Domain Values	The valid values that can be assigned for an attribute.	Compound	5.1.2.4 (Attribute Domain Values) = 5.1.2.4.1 OR 5.1.2.4.2 OR 5.1.2.4.3 OR 5.1.2.4.4	N/A	Attribute Domain Values	5.1.2.4	attrdomv
x 5.1.2.4.1	Enumerated Domain	The members of an established set of valid values.	Compound	5.1.2.4.1 (Enumerated Domain) = 5.1.2.4.1.1 + 5.1.2.4.1.2 + 5.1.2.4.1.3 + 5.1.2	N/A	Enumerated Domain	5.1.2.4.1	edom
x 5.1.2.4.1.1	Value	The name or label of a member of the set. This field has a free text domain.	Data	free text		Enumerated Domain Value	5.1.2.4.1.1	edomv
x 5.1.2.4.1.2	Value Definition	The description of the value. This field has a free text domain.	Data	free text		Enumerated Domain Value Definition	5.1.2.4.1.2	dedomvd
x 5.1.2.4.1.3	Value Definition Source	The authority of the definition. This field has a free text domain.	Data	free text		Enumerated Domain Value Definition Source	5.1.2.4.1.3	edomvds
x 5.1.2.4.2	Range Domain	The minimum and maximum values of a range of valid values.	Compound	5.1.2.4.2 (Range Domain) = 5.1.2.4.2.1 + 5.1.2.4.2.2 + 5.1.2.4.2.3 + 5.1.2.4.2.4	N/A	Range Domain	5.1.2.4.2	rdom
x 5.1.2.4.2.1	Range Domain Minimum	The least value that the attribute can be assigned. This field has a free text domain.	Data	free text		Range Domain Minimum	5.1.2.4.2.1	rdommin
x 5.1.2.4.2.2	Range Domain Maximum	The greatest value that the attribute can be assigned. This field has a free text domain.	Data	free text		Range Domain Maximum	5.1.2.4.2.2	rdommax
x 5.1.2.4.2.3	Attribute Units of Measure	The standard of measurement for an attribute value. This field has a free text domain.	Data	free text		Attribute Units of Measure	5.1.2.4.2.3	attrunit
x 5.1.2.4.2.4	Attribute Measurement Resolution	The smallest unit increment to which an attribute value is measured. This field has a numeric value option.	Data	numeric value		Attribute Measurement Resolution	5.1.2.4.2.4	attrmres

FGDC #	Field Title: NS Application	Definition / Explanation - From various sources	Field Type	Production Rules or Domain Values	Examples - From various existing metadata documents	FGDC References		
						Title	#	Short Name
x 5.1.2.4.3	Codeset Domain	Reference to a standard or list which contains the members of an established set of valid values.	Compound	5.1.2.4.3 (Codeset Domain) = 5.1.2.4.3.1 + 5.1.2.4.3.2	N/A	Codeset Domain	5.1.2.4.3	codesetd
x 5.1.2.4.3.1	Codeset Name	The title of the codeset. This field has a free text domain.	Data	free text		Codeset Name	5.1.2.4.3.1	codesetn
x 5.1.2.4.3.2	Codeset Source	The authority for the codeset. This field has a free text domain.	Data	free text		Codeset Source	5.1.2.4.3.2	codesets
x 5.1.2.4.4	Unrepresentable Domain	Description of the values and reasons why they cannot be represented. This field has a free text domain.	Data	free text		Unrepresentable Domain	5.1.2.4.4	udom
x 5.1.2.5	Beginning Date of Attribute Values	Earliest or only date for which the attribute values are current. In cases when a range of dates are provided, this is the earliest date for which the information is valid. This field has a domain of yyyy-mm-dd.	Data	yyyy-mm-dd	1998-12-01	Beginning Date of Attribute Values	5.1.2.5	begdatea
x 5.1.2.6	Ending Date of Attribute Values	Latest date for which the information is current. Used in cases when a range of dates are provided. This field has a domain of yyyy-mm-dd.	Data	yyyy-mm-dd	2005-10-16	Ending Date of Attribute Values	5.1.2.6	enddatea
x 5.1.2.7	Attribute Value Accuracy Information	An assessment of the accuracy of the assignment of attribute values.	Compound	5.1.2.7 (Attribute Value Accuracy Information) = 5.1.2.7.1 + 5.1.2.7.2	N/A	Attribute Value Accuracy Information	5.1.2.7	attrvai
x 5.1.2.7.1	Attribute Value Accuracy	An estimate of the accuracy of the assignment of attribute values. This field has a domain of free text.	Data	free text		Attribute Value Accuracy	5.1.2.7.1	attrva
x 5.1.2.7.2	Attribute Value Accuracy Explanation	The definition of the "Attribute Value Accuracy" (5.1.2.7.1) measure and units, and a description of how the estimate was derived. This field has a domain of free text.	Data	free text		Attribute Value Accuracy Explanation	5.1.2.7.2	attrvae
x 5.1.2.8	Attribute Measurement Frequency	The frequency with which attribute values are added. This field has a domain of: "Unknown", "As needed", "Irregular", "None planned", and a free text option.	Data	"Unknown" "As needed" "Irregular" "None planned" or free text	As needed	Attribute Measurement Frequency	5.1.2.8	attrmfrq
x 5.2	Overview Description	Summary of, and citation to detailed description of, the information content of the data set.	Compound	5.2 (Overview Description) = 5.2.1 + 5.2.2	N/A	Overview Description	5.2	overview
x 5.2.1	Entity and Attribute Overview	Detailed summary of the information contained in a data set. This field has a free text domain.	Data	free text		Entity and Attribute Overview	5.2.1	eainfo > overview > eaoever

FGDC #	Field Title: NS Application	Definition / Explanation - From various sources	Field Type	Production Rules or Domain Values	Examples - From various existing metadata documents	FGDC References		
						Title	#	Short Name
x 5.2.2	Entity and Attribute Detail Citation	Reference to the complete description of the entity types, attributes, and attribute values for the data set. This field has a free text domain.	Data	free text		Entity and Attribute Detail Citation	5.2.2	eainfo > overview > eadetcit
x 6	SECTION 6: DISTRIBUTION INFORMATION	Distribution options and contacts information.	Compound	6 (Distribution Information) = 6.1 + 6.2 + 6.3 + 6.4 + 6.5 + 6.6	N/A	Distribution Information	6	distinfo
m 6.1	Distribution Contact	The organization from which the data set may be obtained.	Compound	6.1 (Distributor) = Contact Information (see Section 10)	N/A	Distributor	6.1	distrib
m 6.2	Resource Description (Catalog or Library No.)	The identifier by which the distributor knows the dataset. This field has a free text domain.	Data	free text	<i>DNR Pub #: Information Circular PKS-56 (From "Our Parks" Nature's Resorts, Nova Scotia, Canada - Provincial Park Brochure)</i>	Resource Description	6.2	resdesc
x 6.3	Distribution Liability	Statement of the liability assumed by the distributor. This field has a free text domain. Other Title(s): OM: Disclaimer	Data	free text	<i>"The Department has made every effort to ensure the accuracy of the data and further stipulates that the user of the data assumes all risks associated with the use of the data." "The information contained herein is a geographic representation only and should not be used for legal purposes or navigation. Though effort has been made to ensure the information is free from error, please note that the information may not be the most current available. The Department assumes no responsibility for any errors or omissions contained herein." "Data is thought to be of high quality. However, this data is provided to any user with the understanding that the quality of data cannot be guaranteed 100% accurate."</i>	Distribution Liability	6.3	distliab
x 6.4	Standard Order Process	The common ways in which the data set may be obtained or received, and related instructions and fee information.	Compound	6.4 (Standard Order Process) = (6.4.1 OR 6.4.2) + 6.4.3 + 6.4.4	N/A	Standard Order Process	6.4	stdorder
x 6.4.1	Non-digital Form	The description of options for obtaining the data set on non-computer-compatible media. This field has a free text domain.	Data	free text	<i>Paper (From "Coastal")</i>	Non-digital Form	6.4.1	nondig
x 6.4.2	Digital Form	The description of options for obtaining the data set on computer-compatible media.	Compound	6.4.2 (Digital Form) = 6.4.2.1 + 6.4.2.2	N/A	Digital Form	6.4.2	digform
x 6.4.2.1	Digital Transfer Information	Description of the form of the data to be distributed.	Compound	6.4.2.1 (Digital Transfer Information) = 6.4.2.1.1 + (6.4.2.1.2 OR 6.4.2.1.3) + 6.4.2.1.7	N/A	Digital Transfer Information	6.4.2.1	diginfo

FGDC #	Field Title: NS Application	Definition / Explanation - From various sources	Field Type	Production Rules or Domain Values	Examples - From various existing metadata documents	FGDC References		Short Name
						Title	#	
x 6.4.2.1.1	Format Name	The name of the data transfer format. This field has a domain of: "Caris NTX", "MapInfo Tables", "Shapefiles", and a free text option. Other Title(s): OM, Topo, Ortho: File Format Name Aerial: Scanned Photo File Format	Data	"Caris NTX" "MapInfo Tables" "Shapefiles" or free text	DXF	Format Name	6.4.2.1.1	formname
x 6.4.2.1.2	Format Version	Version number or name of the file format used. This field has a free text domain.	Data	free text	Autocad Version 2.0	Format Version	6.4.2.1.2	formvern
x 6.4.2.1.3	Format Version Date	Date (or just year) of the version of the file format. This field has a domain of yyyy-mm-dd.	Data	yyyy-mm-dd	1983-04-01	Format Version Date	6.4.2.1.3	formverd
x 6.4.2.1.7	Transfer Size	The size, or estimated size, of the transferred data set in gigabytes, megabytes, or kilobytes. This field has a numeric value option.	Data	numeric value	1.2 Gb - uncompressed; 370 Mb - compressed (in MapInfoTable format) / 2.228 Gb - uncompressed; 740 Mb - compressed (in Esri Shapefile format) (From "Coastal")	Transfer Size	6.4.2.1.7	transize
x 6.4.2.2	Digital Transfer Option	The means and media by which a data set is obtained from the distributor.	Compound	6.4.2.2 (Digital Transfer Option) = 6.4.2.2.1 OR 6.4.2.2.2	N/A	Digital Transfer Option	6.4.2.2	digtopt
x 6.4.2.2.1	Online Option	Information required to directly obtain the data set electronically.	Compound	6.4.2.2.1 (Online Option) = 6.4.2.2.1.1 + 6.4.2.2.1.2 + 6.4.2.2.1.3	N/A	Online Option	6.4.2.2.1	onlinopt
x 6.4.2.2.1.1	Computer Contact Information	Instructions for establishing communications with the host server.	Compound	6.4.2.2.1.1 (Computer Contact Information) = 6.4.2.2.1.1.1	N/A	Computer Contact Information	6.4.2.2.1	computer .1
x 6.4.2.2.1.1.1	Network Address	The electronic address from which the data set can be obtained from the host server.	Compound	6.4.2.2.1.1.1 (Network Address) = 6.4.2.2.1.1.1.1	N/A	Network Address	6.4.2.2.1	networka .1.1
m 6.4.2.2.1.1.1.1	Access Data Online	The name of the file or service from which the data set can be obtained.	Data	URL format: http://... or ftp://...	http://www.gov.ns.ca/snsmr/land/standards/pdf/control.pdf (From "Nova Scotia Coordinate Referencing System Database, Nova Scotia, Canada" SNSMR-NSGC)	Network Resource Name	6.4.2.2.1	networkr .1.1.1
x 6.4.2.2.1.2	Access Instructions	Instructions on the steps required to access the data set. This field has a free text domain.	Data	free text		Access Instructions	6.4.2.2.1	accinstr .2
x 6.4.2.2.1.3	Online Computer and Operating System	The brand of host server and its operating system. This field has a free text domain.	Data	free text		Online Computer and Operating System	6.4.2.2.1	oncomp .3
x 6.4.2.2.2	Offline Option	Information about media-specific options for receiving the data set.	Compound	6.4.2.2.2 (Offline Option) = 6.4.2.2.2.1	N/A	Offline Option	6.4.2.2.2	offoptn

FGDC #	Field Title: NS Application	Definition / Explanation - From various sources	Field Type	Production Rules or Domain Values	Examples - From various existing metadata documents	FGDC References		
						Title	#	Short Name
x 6.4.2.2 .1	Offline Media	Name of the media on which the data set can be received.	Data	"CD-ROM" "3-1/2 inch floppy disk" or free text	CD-Rom (From "Coastal")	Offline Media	6.4.2.2.2 .1	offmedia
m 6.4.3	Fees	The fees and terms for retrieving the data set. This field has a free text domain.	Data	free text	\$20 per digital mapsheet; hardcopy are custom outputs charged at \$100.00 per hour with delivery subject to program scheduling. If you have any further questions please contact the distributor. (From "Nova Scotia Wetlands and Coastal Habitats Inventory, Canada" - DNR Wildlife)	Fees	6.4.3	fees
x 6.4.4	Ordering Instructions	General instructions and advice about, and special terms and services provided for the data set by the distributor. This field has a free text domain.	Data	free text		Ordering Instructions	6.4.4	ordering
x 6.5	Terms, Processes, and Conditions for Custom Orders	Description of custom distribution services available, and the terms and conditions for obtaining these services. This field has a free text domain.	Data	free text		Custom Order Process	6.5	custom
x 6.6	Technical Prerequisites	Description of any technical capabilities that the user must have to use the data set in the form(s) provided by the distributor. This field has a free text domain.	Data	free text		Technical Prerequisites	6.6	techpreq
m 7	SECTION 7: METADATA REFERENCE INFORMATION	Information on the currentness of the metadata, and the person responsible for its updates.	Compound	7 (Metadata Reference Information) = 7.1 + 7.2 + 7.4 + 7.5 + 7.6 + 7.8 + 7.9 + 7.10 + 7.11	N/A	Metadata Reference Information	7	metainfo
m 7.1	Metadata Date (Original)	The date that the metadata was created or last updated. This field has a domain of yyyy-mm-dd. Other Title(s): OM, Topo, Ortho, Aerial: Metadata Date	Data	yyyy-mm-dd	2002-11-07 (From "Coastal")	Metadata Date	7.1	metd
m 7.2	Metadata Review Date	The date of the latest review of the metadata entry. This field has a domain of yyyy-mm-dd.	Data	yyyy-mm-dd	2005-01-21 (From "Coastal")	Metadata Review Date	7.2	metrd
m 7.3	Future Review Date	The date by which the metadata entry should be reviewed. This field has a domain of yyyy-mm-dd (must be later than "Metadata Review Date (7.2)).	Data	yyyy-mm-dd note: "Metadata Future Review Date" must be later than "Metadata Review Date" (7.2).	2005-09-21 (From "Coastal")	Metadata Future Review Date	7.3	metfrd
m 7.4	Metadata Contact	The person and/or organization responsible for the metadata information.	Compound	7.4 (Metadata Contact) = Contact Information (see Section 10)	N/A	Metadata Contact	7.4	metc
m 7.5	Metadata Standard Name	The name of the metadata standard used to document the data set. Nova Scotia's metadata profile is based on the "FGDC Content Standard for Digital Geospatial Metadata", therefore, this is the only available domain to populate this field.	Data	"FGDC Content Standard for Digital Geospatial Metadata"	FGDC Content Standard for Digital Geospatial Metadata (From "Coastal")	Metadata Standard Name	7.5	metstdn
x 7.6	Metadata Standard Version	Identification of the version of the metadata standard used to document the data set. This field has a domain of: "Version 2 - FGDC-STD-001-1998" or free text.	Data	"Version 2 - FGDC-STD-001-1998" or free text	Version 2 - FGDC-STD-001-1998 (CSDGM)	Metadata Standard Version	7.6	metstdv

FGDC #	Field Title: NS Application	Definition / Explanation - From various sources	Field Type	Production Rules or Domain Values	Examples - From various existing metadata documents	FGDC References		
						Title	#	Short Name
m 7.8	Metadata Access Constraints	Restrictions and legal prerequisites for accessing the metadata. These include any access constraints applied to assure the protection of privacy or intellectual property, and any special restrictions or limitations on obtaining the metadata. This field has a free text domain.	Data	free text	Government access only	Metadata Access Constraints	7.8	metac
x 7.9	Metadata Use Constraints	Restrictions and legal prerequisites for using the metadata after access is granted. These include any metadata use constraints applied to assure the protection of privacy or intellectual property, and any special restrictions or limitations on using the metadata. This field has a free text domain.	Data	free text		Metadata Use Constraints	7.9	metuc
x 7.10	Metadata Security Information	Handling restrictions imposed on the metadata because of national security, privacy, or other concerns.	Compound	7.10 (Metadata Security Information) = 7.10.1 + 7.10.2	N/A	Metadata Security Information	7.10	metsei
x 7.10.1	Metadata Security Classification System	Name of the classification system for the metadata. This field has a free text domain.	Data	free text		Metadata Security Classification System	7.10.1	metscs
x 7.10.2	Metadata Security Classification	Name of the handling restrictions on the metadata.	Data	"Top secret" "Secret" "Confidential" "Restricted" "Unclassified" "Sensitive" "Nova Scotia Government Only" "Division Only" or free text		Metadata Security Classification	7.10.2	metsc
x 7.11	Metadata Extensions	A reference to other elements in Section 7: Metadata Reference Information.	Compound	7.11 (Metadata Extensions) = 7.11.1 + 7.11.2		Metadata Extensions	7.11	metprof
x 7.11.1	Online Linkage (Metadata)	The name of an online computer resource that contains the metadata extension information for the data set. Entries should follow the Uniform Resource Locator (URL) convention of the Internet (http://... or ftp://...).	Data	URL format: http://... or ftp://...	http://www.gov.ns.ca/snsmr/12345-42.xml	Online Linkage (Metadata)	7.11.1	onlink
m 7.11.2	Profile Name	The name given to a document that describes the application of the Standard to a specific user community. This field has a fixed domain of: "Nova Scotia Content Standard for Geospatial Metadata"	Data	"Nova Scotia Content Standard for Geospatial Metadata"	Nova Scotia Profile for Geographic Metadata	Profile Name	7.11.2	metprof
m 8	SECTION 8: CITATION INFORMATION	The recommended reference to be used for the data set. (Note: this section is never used alone. This section provides a means of stating the citation of a data set, and is used in other sections of the metadata standard, including Section 1: Identification Information.)	Compound	8 (Citation Information) = 8.1 + 8.2 + 8.4 + 8.5 + 8.6 + 8.7 + 8.8 + 8.9 + 8.10 + 8.11	N/A	Citation Information	8	citeinfo

FGDC #	Field Title: NS Application	Definition / Explanation - From various sources	Field Type	Production Rules or Domain Values	Examples - From various existing metadata documents	FGDC References		
						Title	#	Short Name
m 8.1	Department, Division, Branch	The name of an organization or individual that developed and has ownership of the data set. Expressed as: "Department, Division, Branch". This field has a domain of: free text, or "Unknown". Other Title(s): OM, Topo, Ortho: Series Owner	Data	free text or "Unknown"	<i>Service Nova Scotia and Municipal Relations, Registry and Information Management Services, Nova Scotia Geomatics Centre (From "Coastal")</i> <i>Nova Scotia Department of Natural Resources, Renewable Resources Branch, Wildlife Division (From "Furbearers and Upland Game Program: Export Permits, Nova Scotia, Canada - FoxPro Database" - DNR Wildlife)</i>	Originator	8.1	origin
m 8.2	Publication Date: Existing or Anticipated	The date when the data set is published or otherwise made available for release. This field has a domain of: yyyy-mm-dd, "Unknown", or "Unpublished material".	Data	yyyy-mm-dd "Unknown" "Unpublished material"	<i>2005-10-05</i>	Publication Date	8.2	pubdate
m 8.4	Title	The name by which the data set is known. This field has a free text domain. Other Titles: OM, Topo, Ortho, Aerial: Related Metadata Records OM: Orthophoto Map Number; Orthophoto Name; Geoname Topo: Sheet Number; Mapname Ortho: Orthophoto Number / Name; Geoname; Related Air Photos Aerial: Frame; Roll Number	Data	free text	<i>1:50000 Coastal Series, Nova Scotia, Canada (From "Coastal")</i>	Title	8.4	title
m 8.5	Edition Number	The version of the title. This field has a free text domain. Other Title(s): OM, Topo: Edition	Data	free text	<i>1 (From "Sea Kayak Routes of Nova Scotia, Canada" - Health Promotion)</i>	Edition	8.5	edition
m 8.6	Format	The mode in which the geospatial data are represented. This field has a domain of: "Atlas", "Audio", "Diagram", "Digital", "Document", "Film", "Globe", "In-situ Measurement", "Map", "Model", "Multimedia Presentation", "Navigational Chart", "Paper", "Photo", "Raster Digital Data", "Remote-sensing Data", "Section", "Spreadsheet", "Study", "Tabular Digital Data", "Vector Digital Data", "Video", "View", "Website", "Portable Document Format (PDF)", and a free text option. Other Title(s): OM: Presentation Format	Data	"Atlas" "Audio" "Diagram" "Digital" "Document" "Film" "Globe" "In-situ Measurement" "Map" "Model" "Multimedia Presentation" "Navigational Chart" "Paper" "Photo" "Raster Digital Data" "Remote-sensing Data" "Section" "Spreadsheet" "Study" "Tabular Digital Data" "Vector Digital Data" "Video" "View" "Website" "Portable Document Format (PDF)" or free text	<i>Orthophoto Maps example: Digital Vector Data</i>	Geospatial Data Presentation Form	8.6	geoform
m 8.7	Is the dataset part of a larger dataset?	The identification of the series publication of which the data set is a part.	Compound	8.7 (Series Information) = 8.7.1 + 8.7.2	N/A	Series Information	8.7	serinfo

FGDC #	Field Title: NS Application	Definition / Explanation - From various sources	Field Type	Production Rules or Domain Values	Examples - From various existing metadata documents	FGDC References		
						Title	#	Short Name
m 8.7.1	Title (Series)	The name of the series publication of which the data set is a part. This field has a free text domain. Other Title(s): OM, Topo, Ortho: Series Name Aerial: Contract Number	Data	free text	Nova Scotia Topographic Database (NSTDB) (From "Coastal")	Series Name	8.7.1	sername
m 8.7.2	Sheet Number (Series)	Information identifying the issue of the series publication of which the data set is a part. This field has a free text domain. Other Title(s): NS Tool: Section, Page Number (Book or Atlas)	Data	free text	The Landsat-7 satellite's payload includes the ETM+ sensor. The ETM+ sensor is an enhanced version of the TM sensor flown aboard the Landsat-4 and -5 satellites. Sensor enhancements include the addition of the panchromatic band and two gain ranges, improved spatial resolution for the thermal band, and the addition of two solar calibrators. (From Landsat 7 Orthorectified Imagery over Canada - http://geodiscover.cgdi.ca/gdp/search?action=fullMetadata&entryType=productCollection&entryId=1583&entryLang=en&portal=gdp)	Issue Identification	8.7.2	issue
m 8.8	Publication Information	Publication details for published data sets.	Compound	8.8 (Publication Information) = 8.8.1 + 8.8.2	N/A	Publication Information	8.8	pubinfo
m 8.8.1	Publication Place	The name of the city (and province, and country) where the data set was published. This field has a free text domain.	Data	free text	Amherst, Nova Scotia, Canada (From "Coastal")	Publication Place	8.8.1	pubplace
m 8.8.2	Publisher	The name of the individual or organization that published the data set. This field has a free text domain.	Data	free text	Service Nova Scotia and Municipal Relations, Registry and Information Management Services, Nova Scotia Geomatics Centre (From "Coastal")	Publisher	8.8.2	publish
m 8.9	Other Citation Details	Other information required to complete the citation, specifically reference(s) to adjoining data sets and/or flight reports, in the case of scanned aerial photographs. This field has a free text domain. Other Title(s): Aerial: Flight Report	Data	free text	Flight Report: Line 31 Flight Report available through NSGC.	Other Citation Details	8.9	othercit
m 8.10	Online Linkage	The name of an online computer resource that contains the data set. Entries should follow the Uniform Resource Locator (URL) convention of the Internet (http://... or ftp://...).	Data	URL format: http://... or ftp://...	Access Link format: http://www.gov.ns.ca/snsnr/land/contact/order_digital.asp (From "Coastal") http://www.trails.gov.ns.ca/kayak/kayak_index.html (From "Sea Kayak Routes of Nova Scotia, Canada" - Health Promotion) Email Link format: klegere@nsgc.gov.ns.ca (From "Coastal")	Online Linkage	8.10	onlink
m 8.11	Book or Atlas Reference	The information identifying a larger work in which the data set is included.	Compound	8.11 (Larger Work Citation) = Citation Information (see Section 8)	N/A	Larger Work Citation	8.11	lworkcit

FGDC #	Field Title: NS Application	Definition / Explanation - From various sources	Field Type	Production Rules or Domain Values	Examples - From various existing metadata documents	FGDC References		Short Name
						Title	#	
m 9	SECTION 9: TIME PERIOD INFORMATION	Information about the date and time of the data set. (Note: this section provides a means of stating temporal information, and is used by other sections of the metadata standard. This section is never used alone.)	Compound	9 (Time Period Information) = 9.1 OR 9.2 OR 9.3	N/A	Time Period Information	9	timeinfo
m 9.1	Single Date	Means of encoding a single date and time.	Compound	9.1 (Single Date) = 9.1.1	N/A	Single Date/Time	9.1	sngdate
m 9.1.1	Calendar Date	The year (and optionally month, or month and day). This field has a domain of: yyyy-mm-dd, or "Unknown".	Data	yyyy-mm-dd or "Unknown"	2005-10-06	Calendar Date	9.1.1	caldate
m 9.2	Multiple Dates	Means of encoding multiple individual dates and times.	Compound	9.2 (Multiple Dates/Times) = 9.1 (repeat as necessary)	N/A	Multiple Dates/Times	9.2	mdattim
m 9.3	Range of Dates	Means of encoding a range of dates and times.	Compound	9.3 (Range of Dates/Times) = 9.3.1 + 9.3.3	N/A	Range of Dates/Times	9.3	rngdates
m 9.3.1	Beginning Date	The first year (and optionally month, or month and day) of the time period of the data set. This field has a domain of: yyyy-mm-dd, or "Unknown". Other Title(s): Topo: Original Production Date Digital Topographic Data Metadata Standard Definition: The date the map was first created.	Data	yyyy-mm-dd or "Unknown"	1982-05-01 (From "Coastal")	Beginning Date	9.3.1	begdate
m 9.3.3	Ending Date	The last year (and optionally month, or month and day) of the time period of the data set. This field has a domain of: yyyy-mm-dd, "Present", or "Unknown". Other Title(s): Topo: Revision Date Digital Topographic Data Standard Definition: The date of the latest data revision.	Data	yyyy-mm-dd "Present" or "Unknown"	1999 (From "Coastal")	Ending Date	9.3.3	enddate
m 10	SECTION 10: CONTACTS	Identity of, and means to communicate with, person(s) and organization(s) associated with the data set. (Note: This section provides a means of identifying individuals and organizations, and is referenced within other sections of the metadata standard. This section is never used alone.)	Compound	10 (Contact Information) = 10.1 + 10.3 + 10.4 + 10.5 + 10.7 + 10.8 + 10.9	N/A	Contact Information	10	cntinfo
m 10.1	Technical (or Distribution, Metadata, or Process) Contact	The person, and the affiliation of the person, associated with the data set. Used in cases where the association of the person to the data set is more significant than the association of the organization to the data set.	Compound	10.1 (Contact Person Primary) = 10.1.1 + 10.1.2	N/A	Contact Person Primary	10.1	cntperp

FGDC #	Field Title: NS Application	Definition / Explanation - From various sources	Field Type	Production Rules or Domain Values	Examples - From various existing metadata documents	FGDC References		
						Title	#	Short Name
m 10.1.1	Name (Technical, Distribution, Metadata, or Process Contact)	The name of the individual to which the contact type applies. This field has a free text domain.	Data	free text	David Cody (From "Coastal")	Contact Person	10.1.1	cntper
m 10.1.2	Organization (Technical, Distribution, Metadata, or Process Contact)	The name of the organization. This field has a free text domain.	Data	free text	Service Nova Scotia and Municipal Relations, Registry and Information Management Services, Nova Scotia Geomatics Centre (From "Coastal")	Contact Organization	10.1.2	cntorg
m 10.3	Position (Technical, Distribution, Metadata, or Process Contact)	The title of the position held by the individual within the organization. This field has a free text domain.	Data	free text	Coordinator, Special Projects (From "Coastal")	Contact Position	10.3	cntpos
m 10.4	Contact Address*	The address for the organization or individual.	Compound	10.4 (Contact Address) = 10.4.1 + 10.4.2 + 10.4.3 + 10.4.4 + 10.4.5 + 10.4.6	N/A	Contact Address	10.4	cntaddr
m 10.4.1	Address Type (Technical, Distribution, Metadata, or Process Contact)	The information provided by the address. This field has a fixed domain of: "mailing", "physical", or "mailing and physical".	Data	"mailing" "physical" "mailing and physical"	mailing and physical (From "Coastal")	Address Type	10.4.1	addrtype
m 10.4.2	Address (Technical, Distribution, Metadata, or Process Contact)	A street or post office box address. This field has a free text domain.	Data	free text	160 Willow Street (From "Coastal")	Address	10.4.2	address
m 10.4.3	City (Technical, Distribution, Metadata, or Process Contact)	The city of the address. This field has a free text domain.	Data	free text	Amherst (From "Coastal")	City	10.4.3	city
m 10.4.4	Province (Technical, Distribution, Metadata, or Process Contact)	The province of the address. This field has a fixed domain of: "Nova Scotia".	Data	"Nova Scotia"	Nova Scotia (From "Coastal")	Province	10.4.4	state
m 10.4.5	Postal Code (Technical, Distribution, Metadata, or Process Contact)	The postal code of the address. This field has a free text domain.	Data	free text	B4H 3W5 (From "Coastal")	Postal Code	10.4.5	postal
m 10.4.6	Country (Technical, Distribution, Metadata, or Process Contact)	The country of the address. This field has a fixed domain of: "Canada".	Data	"Canada"	Canada (From "Coastal")	Country	10.4.6	country
m 10.5	Voice Telephone (Technical, Distribution, Metadata, or Process Contact)	The telephone number by which individuals can speak to the organization or individual. This field has a free text domain.	Data	free text	+01-902-667-6422 (From "Coastal")	Contact Voice Telephone	10.5	cntvoice
m 10.7	Fax (Technical, Distribution, Metadata, or Process Contact)	The telephone number of a facsimile machine of the organization or individual. This field has a free text domain.	Data	free text	+01-902-667-6299 (From "Coastal")	Contact Facsimile Telephone	10.7	cntfax
m 10.8	Email Address (Technical, Distribution, Metadata, or Process Contact)	The address of the electronic mailbox of the organization or individual. This field has a free text domain.	Data	free text	dcody@nsgc.gov.ns.ca (From "Coastal")	Contact Electronic Mail Address	10.8	cntemail
m 10.9	Hours of Service (Technical, Distribution, Metadata, or Process Contact)	Time period when individuals can speak to the organization or individual. This field has a free text domain.	Data	free text	Monday - Friday 8:30 - 4:00 pm	Hours of Service	10.9	hours