

## UK Academic Geospatial Metadata Application Profile (Version 1.0)

The Go-Geo! UK Academic Geospatial Metadata Application Profile (UK AGMAP), (Appendix A) is a template designed to support the documentation and discovery of spatial datasets within Higher and Further Education. The Profile contains all the elements, required to generate compliant metadata records for the Go-Geo! portal. In addition, the Profile was created to achieve the following:

- serve as a metadata element field template for the Go-Geo! portal and Metadata Editor Tool;
- deliver support of geospatial dataset documentation across an eclectic academic community;
- facilitate data management and sharing requirements within academia;
- ensure compliance with the new ISO 19115 geospatial metadata standard and ISO 19115 compliant UK GEMINI, which was ratified in 2004 and supersedes the National Geospatial Data Framework (NGDF) for the UK; and
- provide academic users the necessary information to reveal the dataset type, its location, quality and completeness, temporal aspects in terms of data collection and content and contact details that allows users to acquire the dataset.

The UK AGMAP profile is based primarily on ISO 19115, the international geographic information metadata standard which was ratified in 2003. ISO 19115 comprises and defines more than 300 metadata elements that can be used to describe spatial datasets. These elements are available for geographic information (GI) communities to select and use to generate community profiles to support dataset documentation. ISO 19115 provides a small core element group of mandatory elements that should be incorporated every profile. The numerous optional ISO 19115 elements available for profile creation can support a range of needs at the GI community level, whether it be the public or private sector or academia. The incorporation of these elements into a profile should be intended to support the documentation of datasets generally created within a specific GI community. In addition, a profile can be extended to provide further benefits each community. In this instance, metadata elements are included in the profile to ensure document support to describe a spatial dataset's specific conditions that would be relevant to data users within a specialised community. Often, there are no equivalents in the ISO 19115 standard to support this level of detail in a spatial dataset, but augmenting a profile with these elements best serves the intended GI community. This stresses the importance of the inclusion of ISO 19115 core mandatory elements in all profiles to ensure that data users outwith a specialised GI community can discover these and all other spatial datasets using any geo-data portal.

The UK AGMAP profile (Figure 1) comprises the ISO 19115 core mandatory elements and a considerable number of its optional elements. The optional elements have been selected based on the eclectic nature of academic disciplines using GI technology for research and teaching and learning. These elements also provide further information that describes a dataset in detail including applications, quality assessment, processing steps and feature descriptions. Inclusion of this detailed metadata information allows a potential user the opportunity to assess the suitability of a dataset for a specific application or serve as a support mechanism for local data management. In addition, the UK AGMAP profile includes elements which provide contact details or on-line links so that a data user can access the dataset.

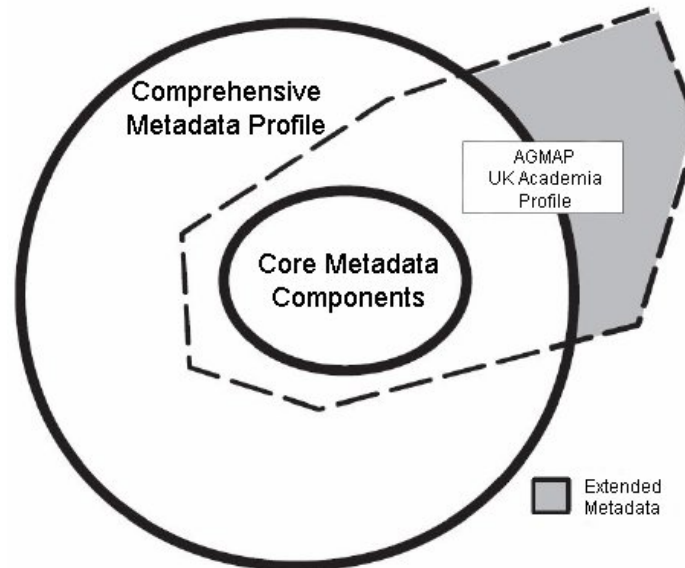


Figure 1. UK AGMAP profile for UK academia

The UK AGMAP profile is also extended to support specialised needs of the academic community and ensure interoperability between other UK spatial data portals. Part of this extension includes 41 elements from UK GEMINI, an ISO 19115-compliant standard ratified in 2004 for use in the UK geospatial community. UK GEMINI (2004) supersedes the National Geospatial Data Framework (NGDF) (2000), the previous UK metadata standard for geospatial data, which was originally derived from the US Federal Geographic Data Committee's (FGDC) Content Standard for Digital Geospatial Metadata (CSDGM) during the latter part of the 1990s.

The UK AGMAP profile provides 97 elements which can be used for describing the when, where, how and what of a dataset, its access and use conditions and the metadata record itself. Though the total number of elements in the UK AGMAP profile is considerable, only 36 of these elements are mandatory. Providing information for only these 36 elements will satisfy the minimum conditions required for creating an HE/FE (UK AGMAP) compliant metadata record. This makes the task of metadata creation less onerous, and considering that 15 of these 36 mandatory elements require only contact information, a metadata creator can produce a template file containing these contact details. Subsequently, this information can be transferred to each new metadata record, hence demanding even less time of the metadata creator. It should be worth noting that almost half (nine) of the remaining mandatory elements include lists, so the metadata creator only needs to select the relevant values, which have been incorporated into the Go-Geo! Metadata Editor tool.

Combined, the UK AGMAP profile elements reflect and support the eclectic range of disciplines within academia using geospatial technology for research and training purposes and provide the academic user the information required to assess the dataset type, its location, quality and completeness, temporal aspects in terms of data collection and content, and the necessary contact details to inquire further about access and use.

Currently, the Go-Geo! portal, Metadata Editor Tool and metadata resources support spatial data captured and generated within the United Kingdom. An objective is to extend Go-Geo! resources to include spatial data captured outwith the UK.

### **Metadata Entities and Element Groups**

UK AGMAP uses seven metadata compound element or entity headings to categorise and group the 97 elements. As a means to provide further clarification for metadata creators and editors, metadata entity subheadings were also created to separate and categorise relevant elements into subgroups. The metadata entity headings and subheadings are as follows:

- **G1 Citation** (8 elements);
- **G2 Identification Information (What)** (12 elements);
  - G2.1 Spatial Reference System of the Dataset
- **G3 Data Quality Information** (17 elements);
  - G3.1 Data Process Steps
  - G3.2 Data Quality Statement
  - G3.3 Level of Spatial Detail
- **G4 Extents of Dataset (Where and When)** (17 element);
  - G4.1 Extents of a Dataset Based on the Co-ordinates of a Bounding Rectangle
  - G4.2 Extents of a Dataset Based on the Co-ordinates of a Bounding Polygon
  - G4.3 Extents of a Dataset Based on Geographic Identifiers
  - G4.4 Vertical Extents of a Dataset
  - G4.5 Temporal Extents of a Dataset
- **G5 Custodian (Who)** (10 element);
- **G6 Distributor (Access)** (19 elements);
  - G6.1 Dataset Name and Format
  - G6.2 Access and Use Constraints
- **G7 Metadata Creator** (14 elements).



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GROUP	SUBGROUP	Entity and Element ID	Go-Geo! Metadata Entity and Element Names	Go-Geo! Definition	Obligation	MO (Maximum Occurrence)	Data Type	Domain
		<b>G1</b>	<b>CITATION</b>	Dataset reference information	Mandatory	1	Metadata Entity <b>GROUP 1</b>	
CITATION		1	Dataset Title	The name by which the dataset is known.	Mandatory (1)	1	Character String	Text
		2	Alternative Dataset Title	Short name, other name, acronym or alternative language title for dataset.	Optional	N	Character String	Text
		3	Creator	Organisation or person that developed the dataset and has primary responsibility for the intellectual content of the dataset.	Mandatory (2)	N	Character String	Text
		4	Identifier	A unique string or number used to identify the dataset.	Optional	1	Character String	Text
		5	Edition	The number of the edition of the dataset.	Mandatory (3)	1	Character String	Text
		6	Dataset Date Code	Dataset event used for reference date.	Mandatory (4)	1	Enumerated List	Creation Publication Revision Deletion
		7	Dataset Event Date	Event date for the dataset.	Mandatory (5)	1	Date	Date
		8	Dataset Update Frequency	The frequency with which revisions and updates are made to the dataset after its initial completion.	Mandatory (6)	1	Enumerated List	Continual Daily Weekly Fortnightly Monthly Quarterly Biannually Annually As Needed Irregular Not Planned Unknown

		G2	IDENTIFICATION INFORMATION (WHAT)	Basic Information about the dataset	Mandatory	1	Metadata Entity GROUP 2	
IDENTIFICATION INFORMATION		9	Dataset Language	The language(s) used within the dataset.	Mandatory (7)	N	Enumerated List	English Cornish Gaelic (Scottish) (Gallic) Irish Welsh
		10	Dataset Topic	Main theme(s) of the dataset.	Mandatory (8)	N	Enumerated List	Farming Biota Boundaries Climatology/Meteorology/Atmosphere Economy Elevation Environment Geo-scientific Information Health Imagery/Base Maps/Earth Cover Intelligence/Military Inland Waters Location Oceans Planning/Cadastre Society Structure Transportation Utilities/Communication
		11	Controlled Vocabulary	Name of the controlled vocabulary used as a source for the controlled keywords.	Mandatory (9)	1	Character String	UNESCO Thesaurus
		12	Controlled Keywords	Keywords taken from a controlled vocabulary summarising the subject of the dataset.	Mandatory (10)	N	Enumerated List	Search UNESCO for term(s)
		13	Other Keywords	Other words or phrases summarising the subject of the dataset.	Optional	N	Character String	Text
		14	Abstract	A brief description of the dataset. This should include some explanation as to why the dataset was produced and how it has been used since its creation.	Mandatory (11)	1	Character String	Text
		15	Spatial Representation Type	Method used to spatially represent geographic information.	Optional	N	Enumerated List	Vector Grid Text Table Tin Stereo Model Video

		16	Presentation Type	Form in which the dataset is represented.	Optional	N	Enumerated List	Digital Document Hardcopy Document Digital Image Hardcopy Image Digital Map Hardcopy Map Digital Model Hardcopy Model Digital Profile Hardcopy Profile Digital Table Hardcopy Table Digital Video Hardcopy Video
		17	Sample	The name of the file that contains the graphic that provides an illustration of the dataset.	Optional	N	Character String	Text
		18	Further Information	Source of further information about the dataset.	Optional	N	Character String	Text
		19	Related Datasets	Information about other, related datasets of a similar theme or derived from a common source which may be of interest to the user.	Optional	N	Character String	Text
	<b>G2.1</b>		<b>SPATIAL REFERENCE SYSTEM OF THE DATASET</b>	Name or description of the spatial referencing system used within the dataset.	Mandatory	1	Metadata Entity <b>GROUP 2</b> SUBGROUP 1	
	SPATIAL REFERENCE SYSTEM OF THE DATASET	20	Spatial Reference System	Name of the spatial referencing system used within the dataset It can be based on co-ordinates (e.g.: National Grid of Great Britain) or geographic identifiers (e.g.: Postcode).	Mandatory (12)	1	Enumerated List	National Grid of Great Britain Irish National Grid Irish Transverse Mercator WGS84 Postcode Ward Local Authority (County/Unitary/District/Borough) Region Country Other area Parish Health Authority Area Electoral Constituency Travel to work area Other Area Type

		<b>G3</b>	<b>DATA QUALITY INFORMATION</b>	A general assessment of the quality of a dataset for determining its fitness for use. Quality is stated in terms of dataset process steps, data capture, quality summary statements and spatial granularity.	Optional	1	Metadata Entity <b>GROUP 3</b>		
<b>DATA QUALITY INFORMATION</b>		21	Data Hierarchical Level	Hierarchical level of the data stated in the process steps and quality statement.  Default = Dataset	Optional/Conditional: The default is set to 'Dataset'. If a value is entered in an element field under Data Process Step, Quality Statement or Level of Spatial Detail, and the value pertains to a different hierarchical level, then corresponding value must be selected.	1	Enumerated List	Attribute Attribute Type Collection Hardware Collection Session Dataset Series Non-Geographic Dataset Dimension Group Feature Feature Type Property Type Field Session Software Service Model Tile	
		<b>G3.1</b>	<b>DATA PROCESS STEPS</b>	Overview of the dataset creation process steps including the status and time periods for data capture, and a dataset's lineage and process steps.	Optional	1	Metadata Entity <b>GROUP 3</b> SUBGROUP 1		
	DATASET PROCESS STEPS		22	Status of Data Creation Process	Declaration on the status for the data processing steps.	Optional	1	Enumerated List	Completed Historical Archive Obsolete Ongoing Planned Required Under Development
			23	Start Date of Data Capture Period	Date on which data were first collected.	Conditional: If a Status of Data Creation Process value is selected, then a start date should be entered.	1	Date	Date
			24	End Date of Data Capture Period	Date on which data were last collected.	Conditional: If a Status of Data Creation Process value is selected, then an end date should be entered.	1	Date	Date
			25	Dataset Lineage	Information about the source data used in the construction of the dataset.	Optional	1	Character String	Text
			26	Description of Dataset Process Steps	A general description of how the dataset was generated or derived.	Optional	1	Character String	Text

		<b>G3.2</b>	<b>DATA QUALITY STATEMENT</b>	An assessment of data quality based on logical consistency, completeness, spatial accuracy and attribute accuracy.	Optional	1	Metadata Entity <b>GROUP 3</b> SUBGROUP 2	
DATA QUALITY STATEMENT	27	Logical Consistency	Degree of adherence to logical rules of data structure, attribution and relationships.	Optional	1	Character String	Text	
	28	Completeness	Presence and absence of features, their attributes and their relationships.	Optional	1	Character String	Text	
	29	Positional Accuracy	Positional accuracy of the data.	Optional	1	Character String	Text	
	30	Attribute Accuracy	Accuracy of quantitative attributes.	Optional	1	Character String	Text	
		<b>G3.3</b>	<b>LEVEL OF SPATIAL DETAIL</b>	Description of the spatial level of granularity or the smallest representative unit associated with disaggregated, statistical data.	Optional	1	Metadata Entity <b>GROUP 3</b> SUBGROUP 3	
LEVEL OF SPATIAL DETAIL	31	Source Scale Denominator	Denominator of the representative fraction on the source map(s) (e.g. on a 1: 50 000 scale map, the source scale denominator value is 50000). It is also the number below the line of a vulgar fraction. If no source map used, enter the number 0. If multiple source map scales were used, enter the Source Scale Denominator of the smallest scale map (largest denominator).	Optional	1	Integer	Integer	
	32	Ground Scale Distance	The ground sample distance.	Optional	1	Real Number	Real Number	
	33	Imagery or Grid x-Dimension	Name of the x-axis. (Default = Column)	Optional	1	Enumerated List	Row Column Vertical Track Cross Track Line Sample Time	
	34	Imagery or Grid Raster Cell/Pixel Size (x-Value)	The width of a raster cell expressed in distance units of measure.	Conditional: If X-Value entered then Raster Cell/Pixel Size value must be entered.	1	Real Number	Real Number	
	35	Imagery or Grid y-Dimension	Name of the y-axis. (Default = Row)	Optional	1	Enumerated List	Row Column Vertical Track Cross Track Line Sample Time	
	36	Imagery or Grid Raster Cell/Pixel Size (y-Value)	The height of a raster cell expressed in distance units of measure.	Conditional: If Y-Value entered then Raster Cell/Pixel Size value must be entered.	1	Real Number	Real Number	
	37	Smallest Administrative Unit	The smallest representative unit associated with disaggregated statistical data.	Optional	1	Character String	Text	

		<b>G4</b>	<b>EXTENTS OF A DATASET (WHERE AND WHEN)</b>	The geographic and temporal extents of the dataset expressed in terms of geographic co-ordinates of a bounding rectangle, bounding polygon, geographic identifiers, vertical heights and time period.	Mandatory	1	Metadata Entity <b>GROUP 4</b>	Any combination of the following five extent options may be used, but bounding rectangle, temporal extents and nations are mandatory.	
<b>EXTENTS OF A DATASET WHERE AND WHEN)</b>	EXTENTS OF A DATASET BASED ON THE CO-ORDINATES OF A BOUNDING RECTANGLE	38	Spatial Reference System used for the Bounding Rectangle/ Bounding Polygon	Name of the spatial reference system used for the geographic co-ordinate extents of a bounding rectangle or bounding polygon.	Mandatory (13)	1	Enumerated List	British National Grid Irish Grid Latitude and Longitude	
		<b>G4.1</b>	<b>EXTENTS OF A DATASET BASED ON CO-ORDINATES OF A BOUNDING RECTANGLE</b>	The geographic coverage of the dataset expressed in terms of geographic co-ordinates of a bounding rectangle.	Mandatory	N	Metadata Entity <b>GROUP 4</b> SUBGROUP 1	Enter either grid or longitude and latitude values, but not both.	
		39	West Bounding Co-ordinate	Westernmost co-ordinate of a bounding rectangle.	Mandatory (14)	1	Real Number	Grid or Longitude value	
		40	East Bounding Co-ordinate	Eastermost co-ordinate of a bounding rectangle.	Mandatory (15)	1	Real Number	Grid or Longitude value	
		41	North Bounding Co-ordinate	Northernmost co-ordinate of a bounding rectangle.	Mandatory (16)	1	Real Number	Grid or Latitude value	
		42	South Bounding Co-ordinate	Southernmost co-ordinate of a bounding rectangle.	Mandatory (17)	1	Real Number	Grid or Latitude value	
		<b>G4.2</b>	<b>EXTENTS OF A DATASET BASED ON CO-ORDINATES OF A BOUNDING POLYGON</b>	The geographic coverage of the dataset expressed in terms of geographic co-ordinates of a bounding polygon.	Optional	N	Metadata Entity <b>GROUP 4</b> SUBGROUP 2	Enter either grid or longitude and latitude values, but not both.	
		<b>EXTENTS OF A DATASET BASED ON THE CO-ORDINATES OF A BOUNDING POLYGON</b>	43	Co-ordinates of a Bounding Polygon	The set of x and y co-ordinates (first number = easting of a point, second number = northing of a point) that make up the co-ordinates of a bounding polygon.	Optional	N	Real Number	Real Number

		<b>G4.3</b>	<b>EXTENTS OF A DATASET BASED ON GEOGRAPHIC IDENTIFIERS</b>	Geographic coverage expressed in terms of geographic identifiers.	Mandatory	1	Metadata Entity <b>GROUP 4</b> SUBGROUP 3	Any of the national, administrative area, ,postcode district or place name keyword geographic identifiers may be used, though nations is mandatory.
EXTENTS OF A DATASET BASED ON GEOGRAPHIC IDENTIFIERS	44	Nations	Geographic coverage expressed in terms of nations within the British Isles.	Mandatory (18)	N	Enumerated List	England England and Wales Great Britain Northern Ireland Scotland Wales Isle of Man Channel Islands United Kingdom	
	45	Administrative Areas	Geographic coverage expressed in terms of administrative areas.	Optional	N	Enumerated List	List of Administrative Areas	
	46	Postcode Districts	Geographic coverage expressed in terms of postcode districts.	Optional	N	Enumerated List	List of Postcode Districts	
	47	Controlled Place Name Vocabulary	Name of the controlled vocabulary used as a source for the controlled place name keywords.	Optional	1	Character String	Getty's Thesaurus of Geographic Names or Ordnance Survey's 1: 50 000 Gazetteer	
	48	Controlled Place Name Keywords	The geographic name of a location(s) covered by a dataset.	Optional	N	Enumerated List	Search Getty or Ordnance Survey Gazetteers for term(s)	
	<b>G4.4</b>	<b>VERTICAL EXTENTS OF A DATASET</b>	The vertical extent of the dataset.	Optional	N	Metadata Entity <b>GROUP 4</b> SUBGROUP 4	If a value is entered for any one element field, then values must be provided for all other element fields in vertical extent group.	
VERTICAL EXTENT	49	Minimum Value	Lowest vertical extent contained in the dataset.	Conditional: If value entered for any element in vertical extent group, then a value required for Minimum Value.	1	Real Number	Real Number	
	50	Maximum Value	Highest vertical extent contained in the dataset.	Conditional: If value entered for any element in vertical extent group, then a value required for Maximum Value.	1	Real Number	Real Number	
	51	Unit of Measure	Vertical units used for vertical extent.	Conditional: If value entered for any element in vertical extent group, then a value required for Unit of Measure.	1	Character String	Text	

		52	Vertical Datum	The origin from which the elevation values are measured.	Conditional: If value entered for any element in vertical extent group, then a value required for Vertical Datum.	1	Character String	Text
		<b>G4.5</b>	<b>TEMPORAL EXTENTS OF A DATASET</b>	Time period that the content of a dataset covers.	Optional	N	Metadata Entity <b>GROUP 4</b> SUBGROUP 5	
	TEMPORAL EXTENT	53	Start Date for Time Period Covered by Dataset	The start date of the actual time period the dataset covers.	Optional	1	Date	Date
		54	End Date for Time Period Covered by Dataset	The end dates of the actual time period the dataset covers.	Optional	1	Date	Date
		<b>G5</b>	<b>CUSTODIAN (WHO)</b>	The organisation or person responsible for the maintenance of the dataset.	Mandatory	1	Metadata Entity <b>GROUP 5</b>	
CUSTODIAN (WHO)		55	Name of Custodian	The name of the organisation or person responsible for the maintenance of the dataset.	Mandatory (19)	1	Character String	Text
		56	Postal Street Address of Custodian	Postal Street part of address for organisation or person responsible for the maintenance of the dataset.	Mandatory (20)	1	Character String	Text
		57	Postal City of Custodian	Postal city part of address for organisation or person responsible for the maintenance of the dataset.	Mandatory (21)	1	Character String	Text
		58	Postal County of Custodian	Postal county part of address for organisation or person responsible for the maintenance of the dataset.	Optional	1	Character String	Text
		59	Postal Code of Custodian	Postal code part of address for organisation or person responsible for the maintenance of the dataset.	Mandatory (22)	1	Character String	Text
		60	Postal Country of Custodian	Postal country part of address for organisation or person responsible for the maintenance of the dataset.	Mandatory (23)	1	Character String	Text
		61	Telephone Number of Custodian	Telephone number of the organisation or person responsible for the maintenance of the dataset.	Optional	1	Character String	Text
		62	Facsimile Number of Custodian	Facsimile number of the organisation or person responsible for the maintenance of the dataset.	Optional	1	Character String	Text
		63	Email Address of Custodian	Internet email address of the organisation or person responsible for the maintenance of the dataset.	Optional	1	Character String	Text
	64	Web Address of Custodian	World Wide Web site <b>Uniform Resource Locator (URL)</b> address for the organisation or person responsible for maintenance of the dataset.	Optional	1	Character String	Text	

		G6	DISTRIBUTOR (ACCESS)	The organisation or person responsible for the distribution of the dataset.	Mandatory	N	Metadata Entity GROUP 6	
DISTRIBUTOR (ACCESS)	65	Name of Distributor	The name of the organisation or person responsible for the distribution of the dataset.	Mandatory (24)	1	Character String	Text	
	66	Distributor Contact Title	Role or position of the responsible person for the distribution of the dataset.	Optional	1	Character String	Text	
	67	Postal Street Address of Distributor	Postal Street part of address for organisation or person responsible for the distribution of the dataset.	Mandatory (25)	1	Character String	Text	
	68	Postal City of Distributor	Postal city part of address for organisation or person responsible for the distribution of the dataset.	Mandatory (26)	1	Character String	Text	
	69	Postal Code of Distributor	Postal code part of address.	Mandatory (27)	1	Character String	Text	
	70	Postal Country of Distributor	Postal country part of address for organisation or person responsible for the distribution of the dataset.	Mandatory (28)	1	Character String	Text	
	71	Telephone Number of Distributor	Telephone number of the organisation or person responsible for the distribution of the dataset.	Optional	1	Character String	Text	
	72	Facsimile Number of Distributor	Facsimile number of the organisation or person responsible for the distribution of the dataset.	Optional	1	Character String	Text	
	73	Email Address of Distributor	Internet email address of the organisation or person responsible for the distribution of the dataset.	Optional	1	Character String	Text	
	74	Web Address of Distributor	World Wide Web site <b>Uniform Resource Locator (URL)</b> address for the organisation or person responsible for the distribution of the dataset.	Optional	1	Character String	Text	
	75	Supply Media	Media format in which the dataset can be supplied.	Optional	N	Enumerated List	CD-ROM DVD DVD-ROM 3.5 Inch Floppy Disk 5.25 Inch Floppy Disk 7 Track Tape 9 Track Tape 3480 Cartridge Tape 3490 Cartridge Tape 3580 Cartridge Tape 4 mm Cartridge Tape 8 mm Cartridge Tape 0.25 Inch Magnetic Tape Digital Linear Tape Online Satellite Telephone Link Hardcopy	
	76	On-line Linkage	The name of the World Wide Web site or other on-line source that holds the dataset.	Optional	1	Character String	Text	
77	Dataset File Size	The estimated size of the dataset file to be transferred.	Optional	1	Character String	Real Number		

		<b>G6.1</b>	<b>DATASET NAME AND FORMAT</b>	Dataset name and format in which digital data can be provided.	Mandatory	N	Metadata Entity <b>GROUP 6</b> SUBGROUP 1	
		78	Dataset Format Name	Format name in which digital data can be provided (e.g.: DXF, DLG, DBF, MapInfo, IDRISI, ARC/INFO, ERDAS).	Mandatory (29)	1	Character String	Text
		79	Dataset Format Version	Format version in which digital data can be provided (e.g. 1.0, 3.1, 8.0).	Mandatory (30)	1	Character String	Text
		<b>G6.2</b>	<b>ACCESS AND USE CONSTRAINTS</b>	Restrictions and legal prerequisites for accessing or using the dataset.	Optional	1	Metadata Entity <b>GROUP 6</b> SUBGROUP 2	
ACCESS AND USE CONSTRAINTS		80	Access Constraints	Restrictions and legal prerequisites for accessing the dataset. These include any access constraints applied to ensure the protection of privacy or intellectual property and any special restrictions or limitations on obtaining the dataset.	Optional	N	Enumerated List	Copyright Patent Patent Pending Trademark Licence Intellectual Property Rights Restricted Other Restrictions
		81	Use Constraints	Constraints applied to ensure the protection of privacy or intellectual property and any specific restrictions or limitations on using the dataset.	Optional	N	Enumerated List	Copyright Patent Patent Pending Trademark Licence Intellectual Property Rights Restricted Other Restrictions
		82	Use Constraints Details	Limitations affecting the dataset's fitness for use.	Optional	N	Character String	Text
		83	Other Constraints Details	Other restrictions and legal prerequisites for accessing the dataset.	Optional	N	Character String	Text

		<b>G7</b>	<b>METADATA CREATOR INFORMATION</b>	The organisation or person responsible for creating and updating metadata record(s).	Mandatory	1	Metadata Entity GROUP 7	
<b>METADATA CREATOR INFORMATION</b>	84	Name of Metadata Creator	The name of the organisation or person responsible for creating and updating the metadata record(s).	Mandatory (31)	1	Character String	Text	
	85	Postal Street Address of Metadata Creator	Postal Street part of address for organisation or person responsible for metadata creation and updates.	Mandatory (32)	1	Character String	Text	
	86	Postal City of Metadata Creator	Postal city part of address for organisation or person responsible for metadata creation and updates.	Mandatory (33)	1	Character String	Text	
	87	Postal Code of Metadata Creator	Postal code part of address.	Mandatory (34)	1	Character String	Text	
	88	Postal Country of Metadata Creator	Postal country part of address for organisation or person responsible for the metadata creation and updates.	Mandatory (35)	1	Character String	Text	
	89	Telephone Number of Metadata Creator	Telephone number of the organisation or person responsible for metadata creation and updates.	Optional	1	Character String	Text	
	90	Facsimile Number of Metadata Creator	Facsimile number of the organisation or person responsible for creating and updating the metadata record(s).	Optional	1	Character String	Text	
	91	Email Address of Metadata Creator	Internet email address of the organisation or person responsible for creating and updating the metadata record(s).	Optional	1	Character String	Text	
	92	Web Address of Metadata Creator	World Wide Web site <b>Uniform Resource Locator</b> (URL) address for the organisation or person responsible for creating and updating the metadata record(s).	Optional	1	Character String	Text	
	93	Metadata Record Identifier	Unique identifier for the metadata record.	Optional	1	Character String	Text	
	94	Parent Metadata Record Identifier	Identifier used for parent or original metadata record.	Conditional: If metadata record is a subset or offspring of an original record, then parent metadata record identifier value should be entered.	N	Character String	Text	
	95	Metadata Last Updated	Date on which the metadata record was last updated.	Mandatory (36)	1	Date	Date	
	96	Metadata Standard Name	Name of the metadata standard and HFE Profile used.	Optional	1	Character String	Text	
97	Metadata Standard Version	Version of the metadata standard and HFE Profile used.	Optional	1	Character String	Text		