



Regulation on Establishment and Maintenance of Estonian National Topographic Database

Chapter 1 General Provisions

§1. Establishment of the Database

With this Regulation the Land Board's database "Estonian National Topographic Database" (ENTD), hereinafter referred to as *Database*, is established.

§2 Aim of the Database Maintenance

- (1) The aim of the establishment of Estonian National Topographic Database is:
- 1) to manage and organise the production of topographic spatial data and topographic products and maps (hereinafter products and maps) covering the whole territory of Estonia
 - 2) to provide the society with up-to-date and high-quality data, data services and maps produced on the basis of these data
 - 3) to provide state and local government databases with topographic spatial data for objects managed in respective databases
 - 4) to implement the directives of the European Parliament and of the Council establishing an infrastructure for spatial information in the Community.
- (2) The Database serves as a source for updating and producing of backdrop maps for the cadastre.

- (3) The Database serves as a source of topographic data for cadastral maps.

§3 Chief and Authorized Processor of the Database

The chief and authorized processor of the Database is the Estonian Land Board.

Chapter 2 Structure and Maintenance of the Database

§4 Structure of the Database

- (1) The Database is maintained as one-level information technology database.
- (2) The Database is part of the Land Information System and serves as basis for the National Infrastructure for Spatial Information.
- (3) The Database is a Geographic Information System.

§5 Composition of the Database

- (1) The Database consists of the core database, product-oriented databases and the data.



(2) The core database consists of spatial data in vector format that are connected with attribute data characterizing topographic object or which are needed for data exchange.

(3) Product-oriented databases consist of :

- 1) maps in vector format;
- 2) spatial data in vector format and attribute data connected with spatial data,
- 3) maps or data in raster format

that have been processed according to the product or map specification.

§6 Data Processing

(1) The Department of Photogrammetry and Cartography shall produce and update data in the Database.

(2) The Department of Geoinformatics shall manage the Database and process the data in it.

(3) The Department of Geoinformatics shall be responsible for data exchange and cross-referencing of data.

(4) The producer of data shall be responsible for the accuracy of data.

(5) The manager of data shall be responsible for the operation of database and data exchange.

§7 Data in the Database

(1) Data, products and maps managed in the Database are in digital form.

(2) The following data are managed in the Database:

- 1) data produced in the course of national mapping organised by the Land Board for features as listed in the “Feature Catalogue” that is available on the Land Board’s homepage;
- 2) data used and generated in the course of data production including aerial photographs, aerial triangulation data, data produced by stereophotogrammetry;
- 3) elevation data, processed elevation data and elevation models;
- 4) data produced by other legal entities, which the Land Board has right to use for updating, checking, cross-referencing the Database and for producing maps and products;
- 5) data in the Restrictions Information System, which are needed for updating and supplementing of data;
- 6) address data for topographic objects for which a location address is assigned;
- 7) metadata;
- 8) maps and products produced of the data;
- 9) map and product data including processing, cartographic texts, symbols, etc.
- 10) data that are not topographic spatial data, but which are a part of a certain map or product

(3) The history of data is recorded in the Database.



(4) Maps and products produced on the basis of the Database on a regular basis are specified in the Land Board's list of topographic maps and products. As an exception, maps and products can be created on the basis of the Database according to users' needs and the Land Board's capabilities.

(5) The content of maps and products is specified in the specification of a map or product.

§8 Legal Regime of Data

The Database data are of informative character.

Chapter 3

Updating of Data in the Database and Access to Data

§9 Updating of Data in the Database

(1) The data in the Database are updated:

- 1) as the result of mapping and production of topographic data
- 2) through cross-referencing with other databases

(2) Updating of maps and products shall take place in the conformity with a production plan, a change in the core database does not automatically result in a generation of a new version of the map or product.

(3) Archive copies of core data, maps and products shall be made on a regular basis.

§10 Cross-referencing of Data

(1) Data are cross-referenced with state and local government databases for the purpose of:

- 1) supplying these databases with data or maps
- 2) updating or checking the Database data

§11 Releasing of Data from the Database

(1) Data are released from the Database in the form of maps and products, i.e. as a part of map or product series.

(2) The principles of distribution and remuneration are enacted by the Minister of Environment with the Procedure for Distribution of Digital Topographic Maps and Data.

(3) Maps, products and their metadata are accessible through public services of the Land Information System and can be forwarded via services corresponding to the Land Board's OGIS standards and the state data exchange layer.

(4) The supervisory authority has right to access data in the Database to the extent it is necessary for exercising supervisory control.



Chapter 4

Supervision, Financing of Database Maintenance and Liquidation of Database

§12 Supervision

(1) The Data Protection Inspectorate exercises supervision over the legality of maintenance of the Database pursuant to the established procedure.

(2) Supervisory control over the maintenance of the Database is exercised by the Ministry of Environment as well as by a competent person appointed by Director General of the Land Board.

(3) The person authorized to exercise supervision over the Database has right to check the data and their source documents, enter the rooms, where data are processed or which contain equipment for processing, and obtain information on releasing and use of data from the Database.

(4) In case any deficiencies are revealed and recorded by the persons exercising supervision, the Land Board must rectify all deficiencies by the prescribed deadline.

§13 Financing of Database Maintenance

The Database maintenance is financed from the state budget from which means are allocated for that purpose to the Land Board's budget.

§14 Liquidation of Database

Liquidation of the Database shall be carried out in the conformity with Databases Act and Archive Act. In this case the data shall be transferred to another database or archive.

Chapter 5

Implementing Provision

§15 Entry into Force of the Regulation on Database

The Regulation on Database shall enter into force on 3 July 2006.