

## METADATA ESTONIA

<b>Title of working unit:</b>	<b>533</b>
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### A: GENERAL INFORMATION

<b>Contractor:</b>	Gisat s.r.o.
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<b>Responsible:</b>	Tomas Soukup
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<b>Project leader:</b>	Kiira Aaviksoo
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### 1. IMAGE1975 data used

Landsat MSS provided or other scene(s)				
Satellite & Sensor	Path-	Row	Date (m/d/y)	Remark (e.g. clouds)
Landsat MSS	203	19	05/25/1976	Radiometric distortion – two stripes wider than 500 m

### 2. Topographic maps used (indicate in remark if digital)

Scale	Sheet id	Title/Name	Year of production	Year of last revision	Remark
1:10 000	533	Cadastral data	1995		B/w digital
1 : 100 000	C-55-22 C-55-23 C-56-22 C-56-23	Estonian top. Map	1946-1948 1948 1948 1948	1969,72,73 1985 1969,72,73 1973	B/w paper copy
	O-35-49		1989	1988	B/w digital
	O-35-50		1990	1988	B/w digital
	O-35-61		1980	1979	B/w digital
	O-35-62		1980	1979	B/w digital
1 : 10 000	2 sheets	Pärnu top. maps		1977	
1 : 5 000	8 sheets	Pärnu landuse maps		1974	
1 : 2 000	12 sheets	Sindi top. Maps		1979	

### 3. Other ancillary data used (thematic data, satellite images, aerial photos, city maps, vegetation maps)

Id	Data source/type	Title (if relevant)	Date of production (m/d/y)	Scale (spatial detail)	Remark
44,45,53	Agricultural maps	Eesti põllumajanduslik kaart	1970	1 : 50 000	B/w paper copy, digital
0544		CORONA data	05/14/1974	~15m	B/w digital

### 4. Photointerpreter(s)

Name	Affiliation	Phone	E-mail	Interpretation		
				start (m/d/y)	End (m/d/y)	no. of days
Katre Daniel	EEIC	+372 7 427 767	Katre.daniel@ic.envir.ee	06/03/2003	06/05/2003	3
				07/26/2003	07/28/2003	3

### B: DATA PREPARATION

#### 1. Checking and systematic correction of IMAGE90 data (optional)

Landsat TM or any other satellite scenes used (e.g. SPOT)							
Satellite & Sensor	path-	row	Date (m/d/y)	Max. systematic geom. Error (m)	(optional) Checked & corrected (name)	(optional) Date (m/d/y)	(optional) Reference data
Landsat 5 TM	188	19	05/12/1993	25 - 50 m			

## 2. Checking and systematic correction of CLC90 data

Corrections	Type of correction	Checked and Corrected by	Date (m/d/y)		Remarks
			Start	end	
Geometrical errors	Systematic correction	Tiina Dislis	04/27/2003	04/27/2003	
	Local correction	Tiina Dislis	04/27/2003	04/27/2003	
Thematic errors	Logical coherence*	Katre Daniel, Tiina Dislis	06/15/2003 07/18/2003	06/16/2003 07/20/2003	
	Semantic accuracy** and exhaustiveness***	Kiira Aaviksoo	06/28/2003 07/18/2003	06/28/2003 07/20/2003	Forests and mires interpreted again using cadastral maps - clear-cutting and transitional woodland gave lot of new areas

\* = respectation of internal rules of CLC (100 m, 25 ha) according to Tech.Guide and Addendum

\*\* = interpretation according to CLC nomenclature;

\*\*\* = details are appropriate

## 3. Verification and acceptance on national level

Date (m/d/y)	Accepted by	Signature	Remark
07/20/2003 07/23/2003	Tiina Dislis Kiira Aaviksoo		Many corrections made (from 311,312,313 to 324) in forest

## C: INTERPRETATION OF CHANGES AND CREATION OF CLC1975

### 1. Photo-interpretation and internal quality control

Date of submission (m/d/y)	Control made by	Date of control (m/d/y)	Remark (errors, corrections, etc.)
06/05/2003 07/26/2003	Katre Daniel	07/12/2003 07/28/2003	<ul style="list-style-type: none"> <li>- Peat excavating areas in 70s have been recultivated (change 41 to 32 or 31)</li> <li>- Change form 32 to 412: shrubs clearing for peat excavation</li> <li>- Change 31 to 211: areas taken into agricultural use</li> <li>- Change 13 to 324: abandoned gravel pit</li> <li>- Some polygons under 25 ha occurred after creation of clc75. Removed</li> </ul>

### 2. Field checking (if carried out) - no

Date (m/d/y)	Itinerary (main settlements crossed on the working unit)	Problems checked and main conclusions
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### 3. Border matching with neighbour working units

Working unit /Country	Controlled and corrected by	Date (m/d/y)	Remark
524,531	Tiina Dislis	08/02/2003	

## D: FINAL TECHNICAL QUALITY CONTROL

### 1. Control of topology, unnecessary boundaries, 25 ha limit, invalid codes and invalid changes

	Date (m/d/y)	Controlled by	Remark
CLC1975	08/27/2003	Tiina Dislis	A few polygons < 20 and 5 ha were generalised
CLC Changes	08/27/2003	Tiina Dislis	A few polygons < 5 ha were generalised
CLC90	08/28/2003	Tiina Dislis	A few polygons < 20 and 25 ha were generalised

### 2. Verification and acceptance

	Date (m/d/y)	Name	Signature	Remark
National level	08/28/2003	Kiira Aaviksoo		Peat excavation and especially forest management are represented in the area
Integration level	09/10/2003	Erika Orlitová	GISAT	Few cases discussed with EEIC
	09/17/2003	Tomas Soukup	GISAT	Few cases discussed with EEIC

## E: SOFTWARE / HARDWARE

Work phase	Software used	Hardware used
Systematic geometric correction of IMAGE90	-	-
Systematic geometric correction of CLC90	-	-
Topological and thematic corrections of CLC90	ArcInfo 7.2.1., ArcView 3.2	PC
Interpretation of changes	ArcView 3.2	PC
Creation of CLC1975	ArcView 3.2	PC
Technical quality control	ArcInfo 7.2.1.	PC
Database integration (border matching)	ArcInfo 7.2.1.	PC