

METADATA POLAND

Title of working unit:	N-33-77
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A: GENERAL INFORMATION

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Contracted:	Institute of Geodesy and Cartography
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Project leader:	Stanislaw Lewinski
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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	207	22	05/23/1979	
Landsat MSS	207	23	07/30/1978	

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

Scale	Sheet id	Title/Name	Year of production	Year of last revision	Remark
1 : 100 000	N-33-77	Topographical	1982 - 1984		Analogue
1 : 50 000	N-33-77A N-33-77B N-33-77D	Topographical	1959 1959 1963-1967		
1 : 100 000	N-33-77	Topographical	1994	1982-84	B/W digital
1 : 100 000	81-06-01	Topographical	1982	1973-76	B/W digital
1 : 100 000	81-06-03	Topographical	1982	1970-76	B/W digital

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
0059		CORONA data	06/12/1975	~15m	B/w digital

4. Photointerpreter(s)

Name	Affiliation	Phone	E-mail	Interpretation		
				start (m/d/y)	End (m/d/y)	no. of days
Zenon Polawski	IGiK	+48 22 8270328	zenon.polawski@igik.edu.pl	06/10/2003 07/22/2003	06/10/2003 07/22/2003	1 1

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

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	Zenon Polawski	03/03/2003	03/03/2003	No systematic displacement
	Local correction	Zenon Polawski	03/03/2003	03/03/2003	Errors > 50 m were corrected
Thematic errors	Logical coherence*	Zenon Polawski	03/03/2003	03/03/2003	Many small polygons were removed
	Semantic accuracy** and exhaustiveness***	Zenon Polawski	03/03/2003	03/03/2003	Interpretation of settlements was improved

* = 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
07/22/2003	Andrzej Ciolkosz		Correction of delineation

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.)
07/22/2003	Andrzej Ciolkosz	07/22/2003	51->331, 70-water, 90-drift sand

2. Field checking (if carried out)

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
N-33-78	Zenon Polawski	06/26/2003	Some small polygons were removed or merged
N-33-89	Zenon Polawski	06/26/2003	Some small polygons were removed or merged

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	08/05/2003	Anna Kuczyk	
CLC Changes	08/05/2003	Anna Kuczyk	
CLC90	08/05/2003	Anna Kuczyk	

2. Verification and acceptance

	Date (m/d/y)	Name	Signature	Remark
National level	08/06/2003	Andrzej Ciolkosz		
Integration level	08/12/2003	Jiri Sustera	GISAT	Few cases discussed with IGIK
	08/19/2003	Tomas Soukup	GISAT	Few cases discussed with IGIK

E: SOFTWARE / HARDWARE

Work phase	Software used	Hardware used
Systematic geometric correction of IMAGE90	ERDAS	UNIX
Systematic geometric correction of CLC90	ArcGIS 8.2	PC
Topological and thematic corrections of CLC90	ArcGIS 8.2	PC
Interpretation of changes	ARC/VIEW	PC
Creation of CLC1975	ArcGIS 8.2	PC
Technical quality control	ArcGIS 8.2	PC
Database integration (border matching)	ArcGIS 8.2	PC