Report

CLC2006
Database Technical Acceptance

Croatia (HR)
Final

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SUMMARY

Country: Croatia
Delivery: Final (complete country coverage, one seamless dataset)
Received: 7th November 2008 (19th December)
Accepted: 22th December 2008

This Database Technical Acceptance (DBTA) report summarizes the results of the technical acceptance procedure done for final CLC2006 data (CLC00, CLC06 and CHA06) for Croatia according the standard check list as defined in the 'Guidelines for delivery'. Technical quality has been checked for all data and metadata provided in the delivery. One requests for improvement/clarification has been sent to NT connected to CHA06 layer and cross-layer consistency issues. Data were provided in Geodatabase format.

Summary check list

Country: Croatia

Delivery contents	*Checked*	*Corrected*	*Status*	*Notes*
CHA06	•	•	✓	*see below*
CLC06	•		✓	*see below*
CLC00	•		✓	*see below*
Metadata - Working unit level	•		✓	
Metadata - Country level	•		✓	

• check/correction performed

✓ data/metadata accepted for integration

× data/metadata not accepted - request for improvement has been issued to NT

COORDINATE REFERENCE SYSTEM

Description of Coordinate Reference System (CRS) of the final products:
(see also GDB file for details)

National

CRS name	HR_HDKS / HR_TM - Datum HDKS - Transverse Mercator Projection with Croatian parameters
Datum HDKS	
type	geodetic
valid area	Croatia
Prime meridian	Greenwich
longitude	0°
Ellipsoid	Bessel 1841
semi major axis	6 377 397.155 m
inverse flattening	299.15281285
Projection	Transvers Mercator (Gauss-Kruger)
latitude of origin	00°00'00.00" N
longitude of origin	15°00'00.00" E
false northing	0 m
false easting	5500 000 m
scale factor	0.9999

European

Datum	ETRS89 (European Terrestrial Reference System 1989)
type	geodetic
valid area	Europe / EUREF
Prime meridian	Greenwich
longitude	0°
Ellipsoid	GRS 80 (New International)
semi major axis	6 378 137 m
inverse flattening	298.257222101
Projection	Geographic (Ellipsoidal Coordinate System)

Datum shift parameters used

Operation method	Bursa-Wolf (PositionVector)
geocentric X translation	534.786590 m
geocentric Y translation	133.682448 m
geocentric Z translation	501.481725 m
rotation X-axis	+4.910687 "
rotation Y-axis	+3.003308 "
rotation Z-axis	-11.094034 "
correction of scale	1.156740 ppm

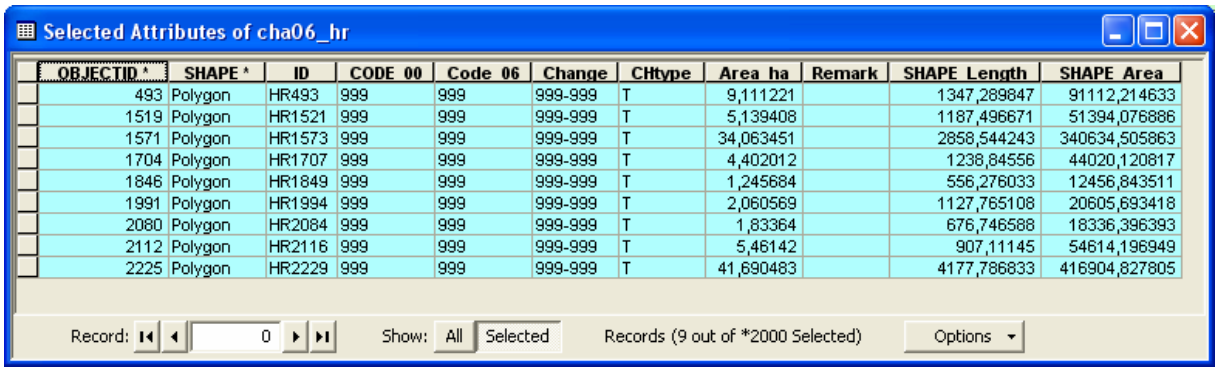
DETAILED DATA CHECK LIST – CHANGE LAYER

Country: Croatia				
Dataset: CHA06				
Checked item	*Checked*	*Corrected*	*Status*	*Notes*
A - Formal specification check criteria				
1 - File format	•		✓	
2 - File name convention	•	•	✓	A2
3 - Attributes definition	•	•	✓	A3
4 - Attributes name convention	•		✓	
5 - Coordinate reference system (CRS)	•		✓	
B - Mapping specification check criteria				
1 - Minimal mapping unit (MMU)	•	•	✓	B1
2 - Unique identifier	•		✓	
3 - Valid codes	•	•	✓	B3
4 - Mapping area buffer	•		✓	
C - Topology specifications check criteria				
1 - All polygons are closed, with one label only	•		✓	
2 - No duplicated lines	•		✓	
3 - No dangles	•		✓	
4 - No self-crossing polygons boundary	•		✓	
5 - No self-overlapping polygons boundary	•		✓	
6 - No overlapping polygons	•		✓	
7 - No neighbouring polygons with the same code	•		✓	
8 - No artificial boundaries in data	•		✓	
9 - No gaps in data	-		-	

- • check/correction performed
- ✓ conform with criteria
- ✓ request for clarification or completion
- ✗ not conform with criteria

Notes:
A2 - File names were repaired
A3 - Structure of attribute table was repaired
B1 - Polygons <5ha are present in database (221), 215 of them are parts of complex changes. Others were corrected by NT.

B3 – Corrected by TT - 9 polygons without code has been recoded (999-999) and assigned as technical change (all polygons are “holes” – polygons without change surrounded by changed polygons. Finally, polygons with equal code_00 and code_06 are still present (73 polygons), but all are marked as technical change



OBJECTID *	SHAPE *	ID	CODE_00	Code_06	Change	CHtype	Area_ha	Remark	SHAPE_Length	SHAPE_Area
493	Polygon	HR493	999	999	999-999	T	9,111221		1347,289847	91112,214633
1519	Polygon	HR1521	999	999	999-999	T	5,139408		1187,496671	51394,076886
1571	Polygon	HR1573	999	999	999-999	T	34,063451		2858,544243	340634,505863
1704	Polygon	HR1707	999	999	999-999	T	4,402012		1238,84556	44020,120817
1846	Polygon	HR1849	999	999	999-999	T	1,245684		556,276033	12456,843511
1991	Polygon	HR1994	999	999	999-999	T	2,060569		1127,765108	20605,693418
2080	Polygon	HR2084	999	999	999-999	T	1,83364		676,746588	18336,396393
2112	Polygon	HR2116	999	999	999-999	T	5,46142		907,11145	54614,196949
2225	Polygon	HR2229	999	999	999-999	T	41,690483		4177,786833	416904,827805

DETAILED DATA CHECK LIST – CLC2006 LAYER

Country: Croatia				
Dataset: CLC06				
Checked item	*Checked*	*Corrected*	*Status*	*Notes*
A - Formal specification check criteria				
1 - File format	•		✓	
2 - File name convention	•	•	✓	A2
3 - Attributes definition	•	•	✓	A3
4 - Attributes name convention	•		✓	
5 - Coordinate reference system (CRS)	•		✓	
B - Mapping specification check criteria				
1 - Minimal mapping unit (MMU)	•		✓	B1
2 - Unique identifier	•		✓	
3 - Valid codes	•		✓	
4 - Mapping area buffer	•		✓	
C - Topology specifications check criteria				
1 - All polygons are closed, with one label only	•		✓	
2 - No duplicated lines	•		✓	
3 - No dangles	•		✓	
4 - No self-crossing polygons boundary	•		✓	
5 – No self-overlapping polygons boundary	•		✓	
6 - No overlapping polygons	•		✓	
7 - No neighbouring polygons with the same code	•		✓	
8 - No artificial boundaries in data	•		✓	
9 - No gaps in data	•		✓	

- • check/correction performed
- ✓ conform with criteria
- ✓ request for clarification or completion
- × not conform with criteria

Notes:
A2 - File names were repaired
A3 - Structure of attribute table was repaired
B1 - There are <25ha polygons present (1156), but all of them qualify as border polygons.

DETAILED DATA CHECK LIST – CLC2000 LAYER

Country: Croatia				
Dataset: CLC00				
Checked item	*Checked*	*Corrected*	*Status*	*Notes*
A - Formal specification check criteria				
1 - File format	•		✓	
2 - File name convention	•	•	✓	A2
3 - Attributes definition	•	•	✓	A3
4 - Attributes name convention	•		✓	
5 - Coordinate reference system (CRS)	•		✓	
B - Mapping specification check criteria				
1 - Minimal mapping unit (MMU)	•		✓	B1
2 - Unique identifier	•		✓	
3 - Valid codes	•		✓	
4 - Mapping area buffer	•		✓	
C - Topology specifications check criteria				
1 - All polygons are closed, with one label only	•		✓	
2 - No duplicated lines	•		✓	
3 - No dangles	•		✓	
4 - No self-crossing polygons boundary	•		✓	
5 – No self-overlapping polygons boundary	•		✓	
6 - No overlapping polygons	•		✓	
7 - No neighbouring polygons with the same code	•		✓	
8 - No artificial boundaries in data	•		✓	
9 - No gaps in data	•		✓	

- • check/correction performed
- ✓ conform with criteria
- ✓ request for clarification or completion
- × not conform with criteria

Notes:
A2 - File names was repaired
A3 - Structure of attribute table was repaired
B1 - There are <25ha polygons present (1153), but all of them qualify as border polygons.

DETAILED METADATA CHECK LIST

Checked item	*Checked*	*Corrected*	*Status*	*Notes*
M - Metadata specifications check criteria				
1 - Working unit level - Format	•		✓	
2 - Working unit level - Contents	•		✓	
3 - Working unit level - Completeness	•		✓	
4 - Working unit level - Reference file	•		✓	
5 - Country level - Format	•		✓	
6 - Country level - Contents	•		✓	
7 - Country level - Completeness	•		✓	

- • check/correction performed
- ✓ conform to criteria
- ✓ request for clarification or completion
- × not conform to criteria

Notes: