Establishment of cartographic databases of the State Geodetic Administration

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- Data homogenization of TK25
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Introduction - history

- STOKIS (1995)
- Regulation of topographic survey (1999, 2008)
- Production of TK25 in period 1996-2010
- Product specifications (CRONO GIP 2002-2004)
- Studies of establish KB (STOKIS 2002, 2003)
- Status of topographic data (update 2010)
Introduction – Production of TK25 in period 1996-2010

- Photogrammetric survey
- Topological processing of TD
- Quality control of TD
- Cartographic processing
- Quality control of TK25
- Official use of maps
Introduction – Production of TK25 in period 1996-2010

Data delivery:

- TIFF+tfw
- EPS
Introduction – Production of TK25 in period 1996-2010

- Data delivery:

- dgn/dwg
Objective of the project

☐ Establishment of KB25
☐ Establishment of KB100
☐ CIS (Cartographic information service)
Establishment of KB25 – Data homogenization of TK25

- Harmonization of different vector data formats and different data structures
- Unique data structure (Product specification TK25 v1.2, SGA 2011.)
- New map sheet nomenclature
- In a frame of project “Update BTD and TK25”
- The basis for the establishment of KB25
Establishment of KB25 – Data homogenization of TK25

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Establishment of KB25 and KB100

- Data model of KB
- Software solution
- Data import (dgn za KB25)
- Procedures of implementation of model and cartographic generalization
- Product specification TK100
- CIS (including KB25 i KB100)
Cartographic information system

- The system for managing data from KB25 and KB100
- Service for collecting changes in the field
- Producing the TK25 and TK100 according to the new map sheet nomenclature
Conclusion

- Realization in a frame of World bank project (IISZA – component B9) - competition
- Beginning of the project – first quarter 2012
- Project duration – 12 months
Thank you for Your attention!
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