

# Policy Changes Related to Geo-spatial Information in China

# Law of Surveying and Mapping (2017)

- To regulate and improve quality of surveying and mapping activities
- Imply qualification management for surveying and mapping. The agencies engaged in surveying and mapping activities shall obtain the corresponding level of surveying and mapping qualification certificates before they can engage in surveying and mapping activities.
- There are some strict conditions for qualification of surveying and mapping by unmanned vehicle.

# Law of Surveying and Mapping

□ To encourage use of geospatial information

- Governments at or above the county level shall establish and improve the mechanism for geographic information sharing among government departments
- Encourage enterprises to provide geographic information services to public.

# Law of Surveying and Mapping

□ To protect geo-information

- Departments of surveying and mapping geographic information at or above the county level shall, establish security management system and technical prevention and control system, for geospatial information security.

# Law of Surveying and Mapping

- To protect privacy and intellectual property
- Geospatial information production, utilization and web Geo-information services related personal information, shall comply with laws and regulations on the protection of personal information.
- Protect intellectual property rights of surveying and mapping results.

# Notice to Enhance Management of Producing, Testing and Application of Automatic Driving Maps (2016)

- The automatic driving map has been defined as a new type of electronic navigation map.
- Data collection, processing and production can only be conducted by the agencies with qualification certification of navigation map production.

- During the testing of automatic driving maps on the vehicle platform, the surveying and mapping activities can only be conducted by the agencies with qualification certification of navigation map production.
- Map data for automatic driving technology test and road test shall be managed in accordance with the regulations and policies of confidential surveying and mapping.

# Work Ongoing

- Institutional Reform, administration of surveying mapping and geo-information has been integrated into the Ministry of Natural Resources. Change the situation of insufficient data sharing between departments of surveying, land management and oceans in the past.
- Researching and developing more specific policies of automatic driving maps, considering:
  - The content and accuracy of the public map
  - Qualification management
  - Data security and privacy