

China IENC Research and Application GONG, Yanping gongyp@wti.ac.cn



China Waterborne Transportation Institute 2012.11, Iquitos, Peru

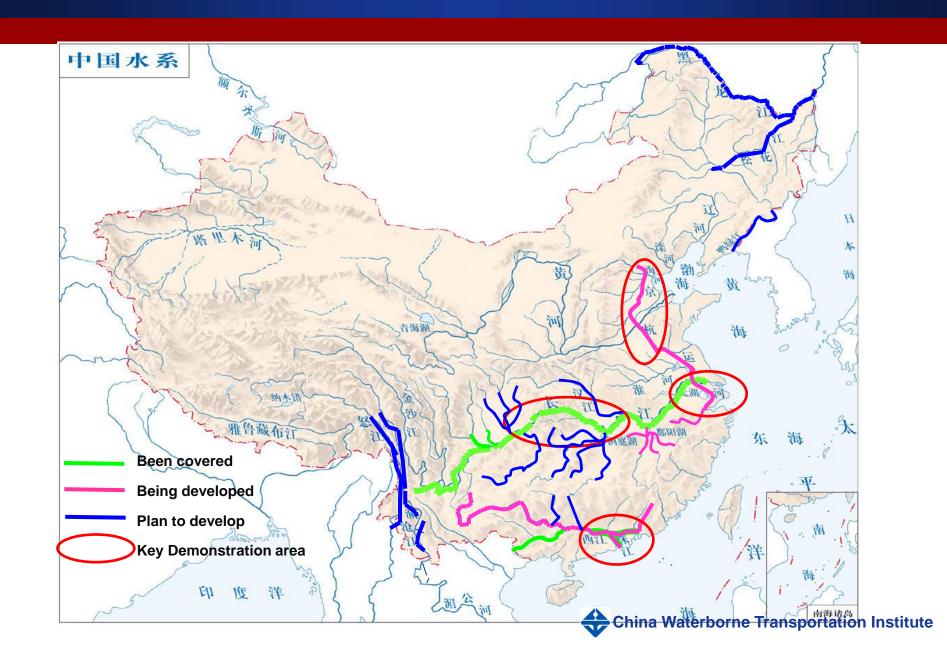
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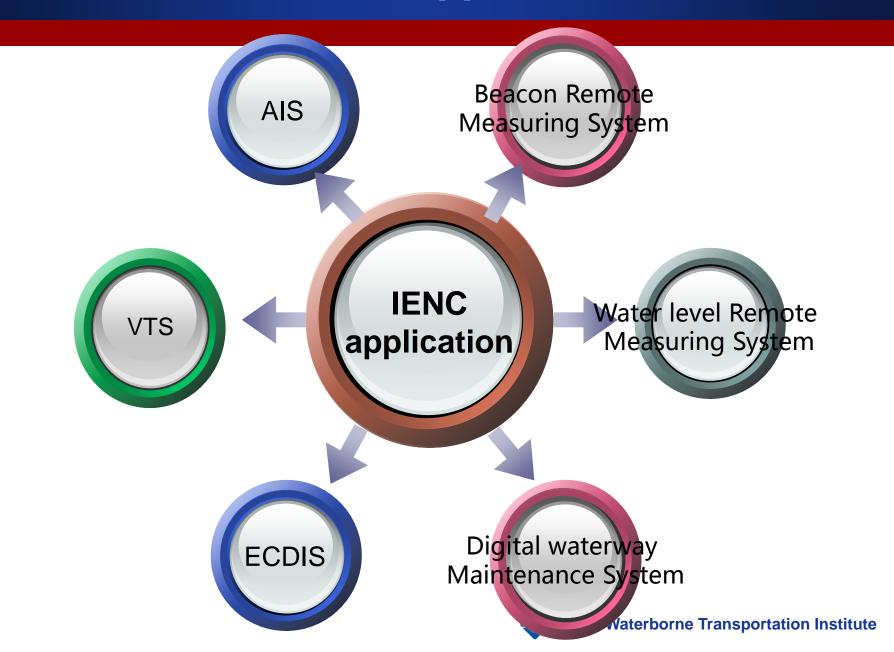
China IENC Development Status



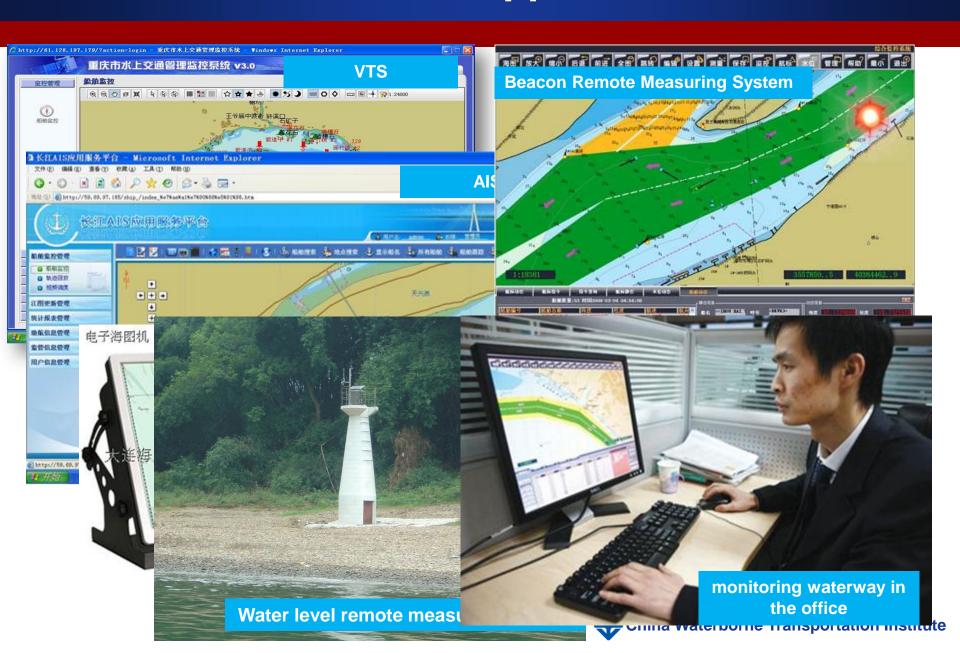
China IENC development



China IENC application



China IENC application

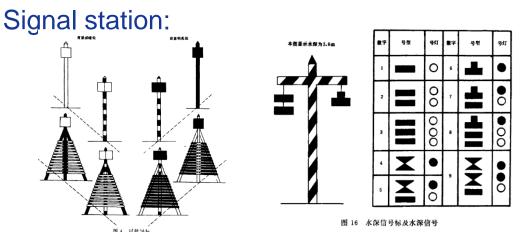


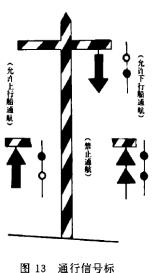
China IENC standard research and development

- Reference: IHO S-57, S-52, S-58
- IENC standard exploration in China
 - Developing standard for digital hydrographic chart of the Changjiang River (JT/T 765-2009: CJ-57, CJ-52, CJ-58, CJ-63)
- China National IENC standard being studied and developed

Main challenges of China IENC application

- There are some special objects which IENC not contain
 - e.g. the aids to navigation on Inland waterways, Light, Buoys, Beacons,



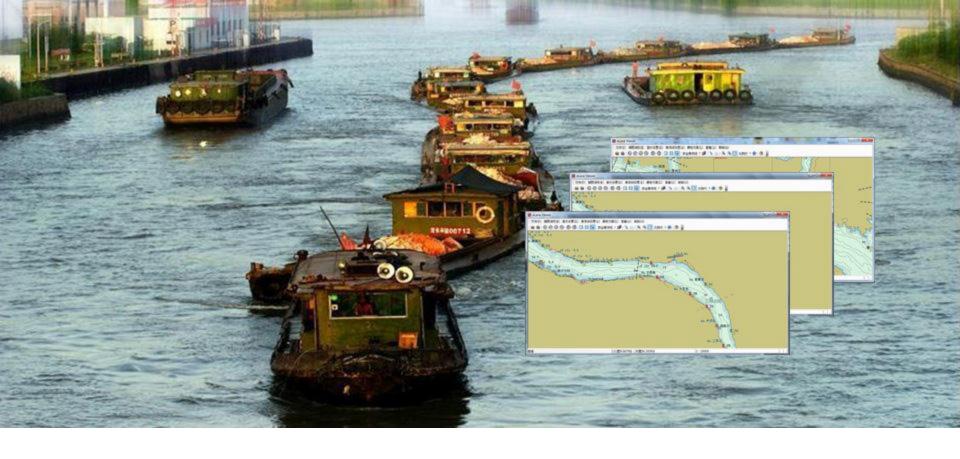


- Water level of Inland waterway changes frequence
- e.g. Three Gorges Reservoir Area may change several times one day;
- IENC data Quality Control
- ECDIS Presentation standard (customary & International)

China IENC Future Plan

- Develop China national IENC standard
- In line with international IENC standard;
- Add characteristics of Chinese inland waterways;
- Submit proposals to IEHG, integrate into international IENC standard
- Establish China IENC validation and data center
- Research IENC data quality control;
- Research IENC data service;
- Strengthen cooperation with IENC production software manufacturers





Thanks!

