

China's IENC Future Plan

16 November 2012

Notes from Discussion at IEHG 10 Meeting

1. Develop China national IENC standard

- a) Already started as MOT project; finish in 2013; plan to publish in 2014
- b) Will be in line with the international IENC standards (IENC Product 2.3 and Encoding Guide 2.3.5) specification.
 - all China's requirements to be included in Product Spec 2.4 and Encoding Guide 2.4
- c) Add characteristics (i.e., new features, attributes, and values) for Chinese inland waterways.
 - at present time, there is a Chinese national standard for river AtoNs, but no national standard for inland waterway notice marks.
 - need to consider what Russia is using (for rivers on China – Russia border)
 - Need to look at examples (brought to IEHG10) to see how to best include in IEHG Encoding Guide.
- d) Submit proposals to IEHG, integrate into international IENC standard.

2. Establish China IENC validation and data center

- a. Research IENC data quality control
 - different IENCs were developed by developed by different regional offices (e.g., CR and Maritime ENC)Two steps:
 - 1. Establish a monitoring and certification system
 - 2. Set up a national center where all IENCs can be downloaded
- b. Research IENC data service (find out what other regions are doing)
 - security issues; cost, updating, etc.

3. Strengthen cooperation with IENC production software manufacturers

- at present time, there are no national high-quality software providers
- find out what is available internationally (Caris, Esri, Hypack, Jeppesen/C-Map, SevenCs, etc.)