

Changjiang and Changjiang ENC

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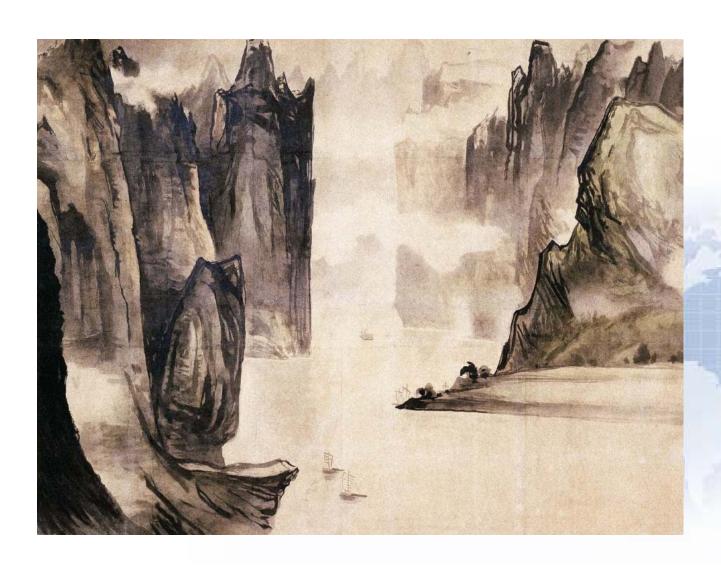


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Construction

Plan

Management

Other

Maintainance

Law Enforcement

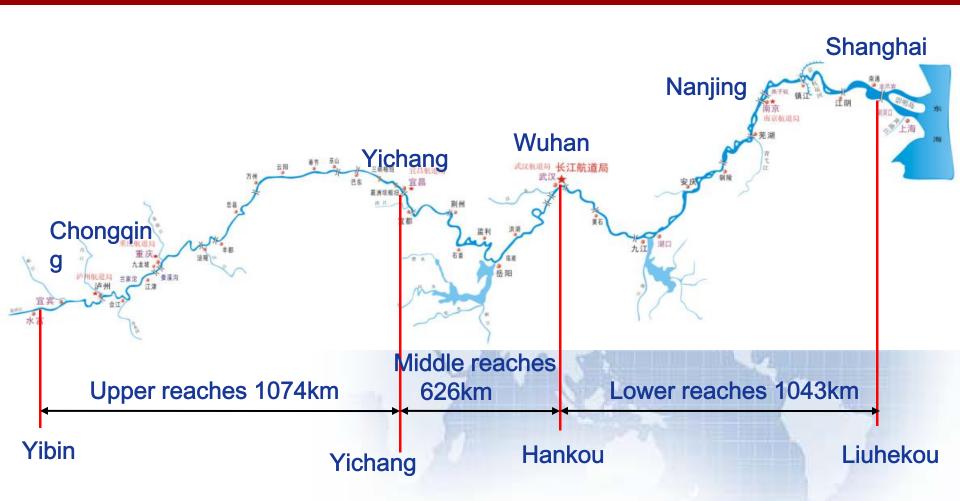
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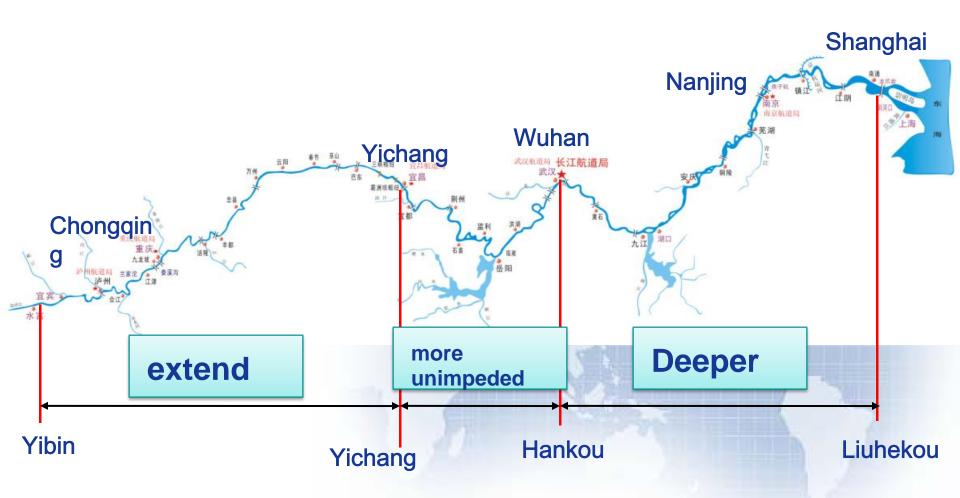






CWB covered about 2700km main stream of Changjiang river with about 5300 aids to navigation.

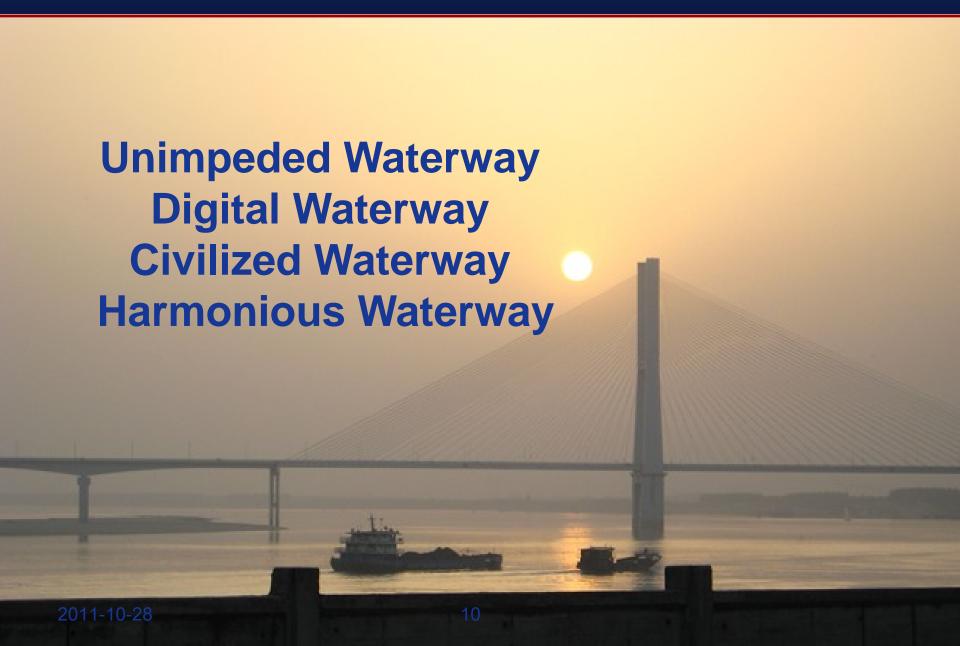




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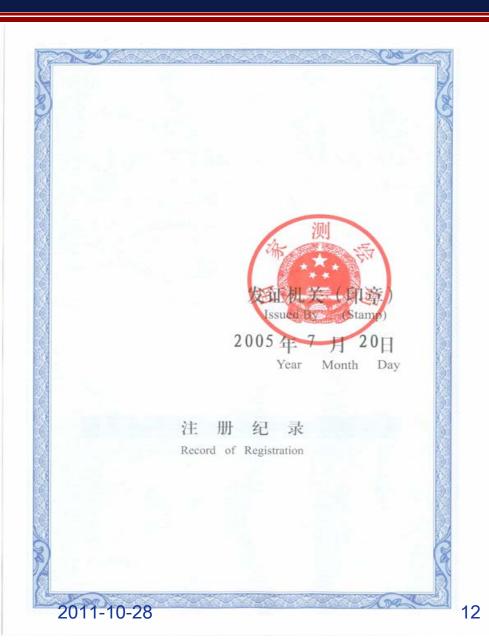
2-- The production institution of Changjiang ENC

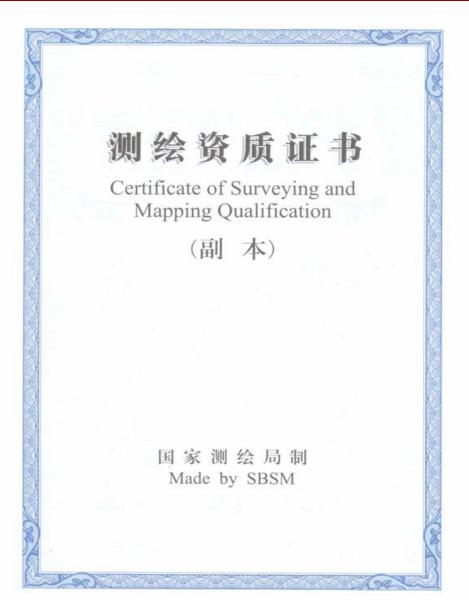


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2-- The production institution of Changjiang ENC







The production institution of Changjiang ENC

单位名称:长江航道局(长江航道测量 Institution (武汉)中心)

单位地址:武汉市汉口解放公园路20号 Address

法定代表人: 唐冠军

Legal Representative

证书等级:甲级

Certificate Grade

证书编号: 甲测资字42001008

Certificate No.

本证有效期至: 2010年 7 月19

Valid Until

Year Month Day

业务范围:

Business Scope

工程测量: 控制、地形、线路工程、地下管 线、变形观测、形变、水利工程、精密工程、建筑 工程、桥梁、竣工测量;海洋测绘;控制、水下障 碍物探测、水下地形、港口与航道工程测量。***



2-- The production institution of Changjiang ENC





The production institution of Changjiang ENC





多波束测深系统

由声波收发射器、信号处理装置和工作站三 个基本部分组成。收发射器以"扁面"形式 向水底及射声波,通过接收待感器接收自水 底反射声波,由信号处理装置进行处理,再 绘制或水下地形图。

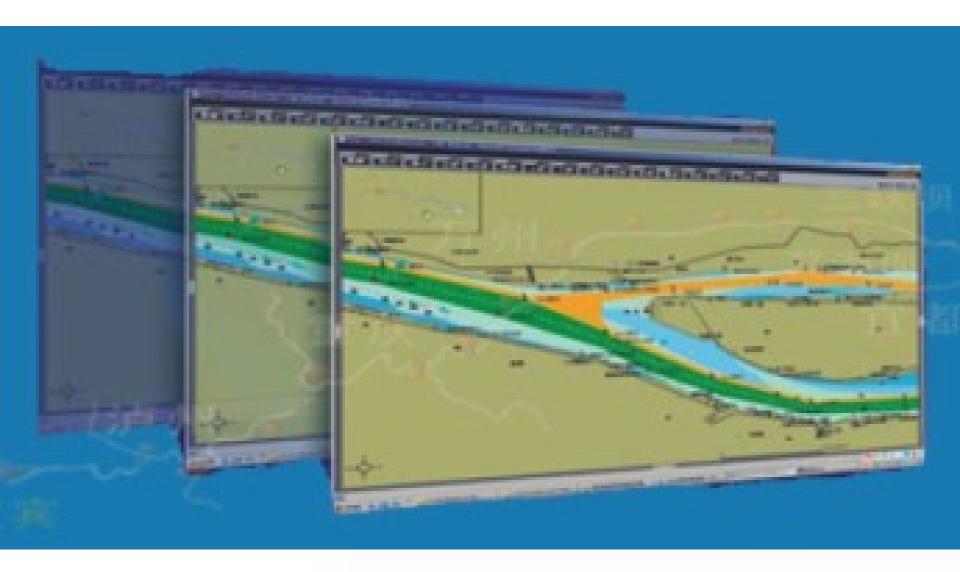




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2--The status of data production





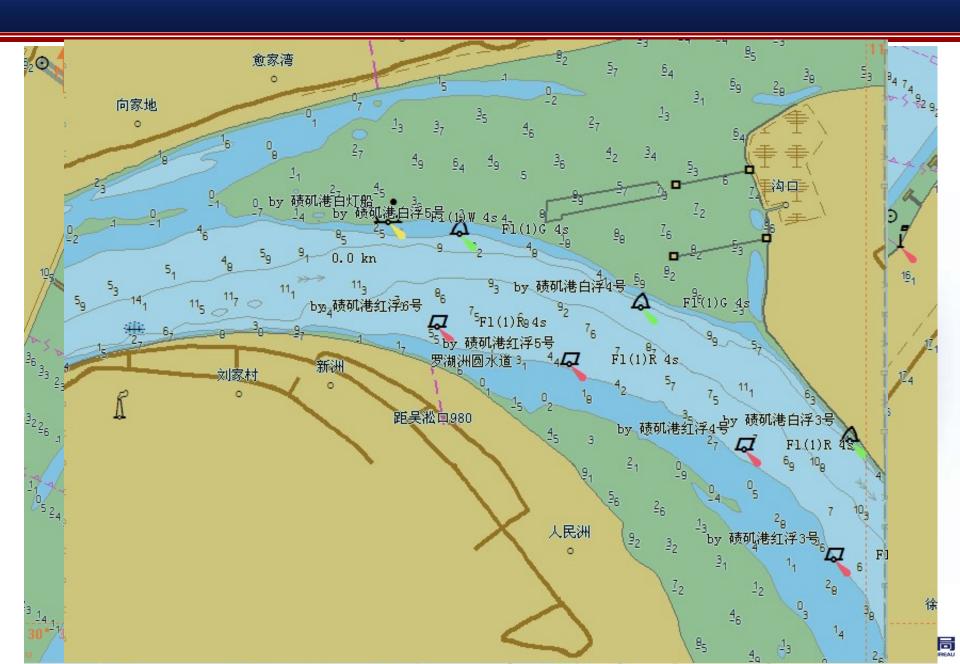
2-- The status of data Production



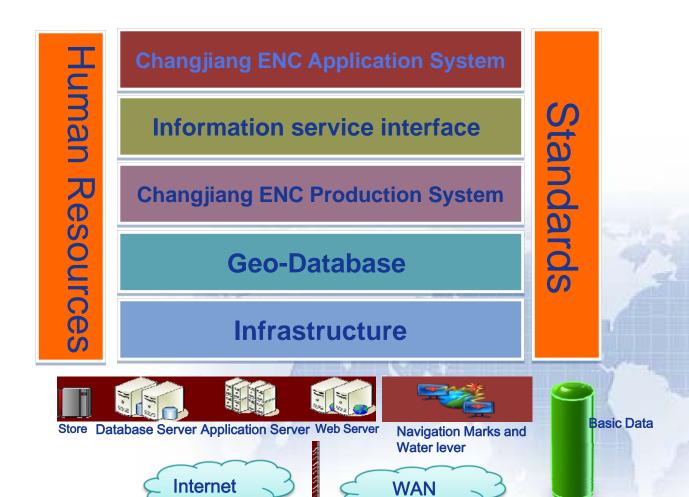




2-- The status of data Production



2--The status of data Production



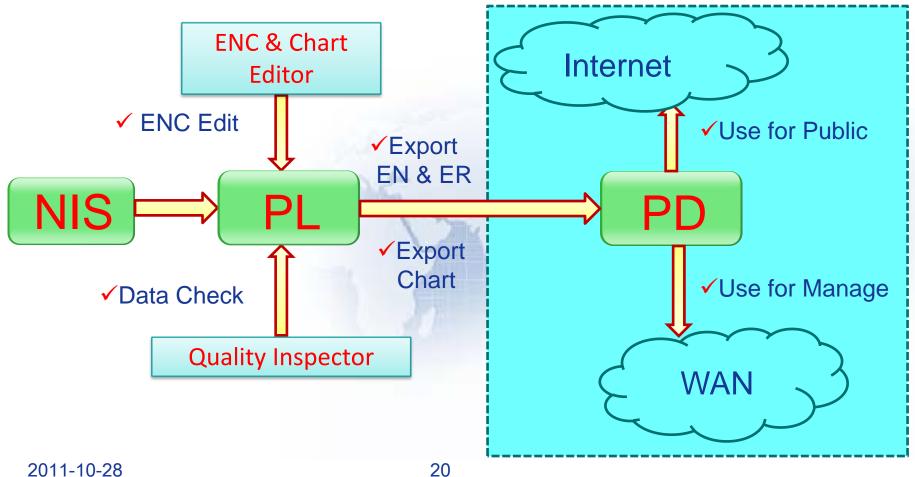


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2--The status of data production

Our Workflow In Nautical



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3--The Updated features & Maintenance of Changjiang ENC

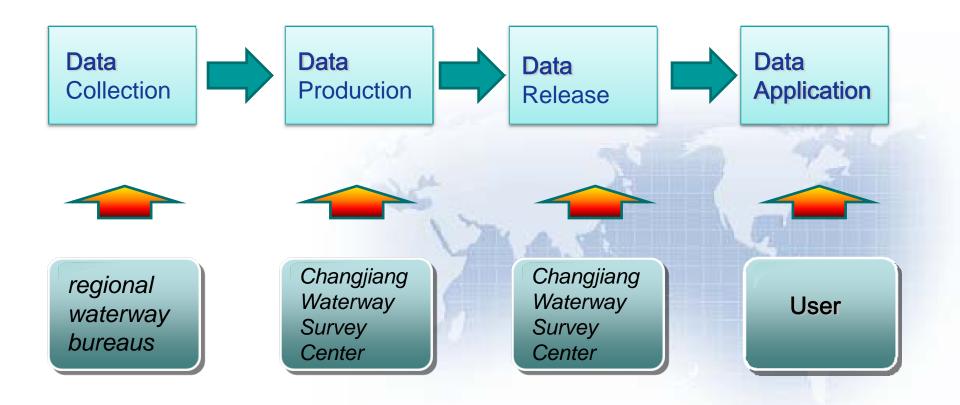
- Water level drop:
 large and Irregular
- Waterway topography: evolution of the severe
- Navigation marks: many and move frequently

So, it is a large workload for keeping update on the ENC data.



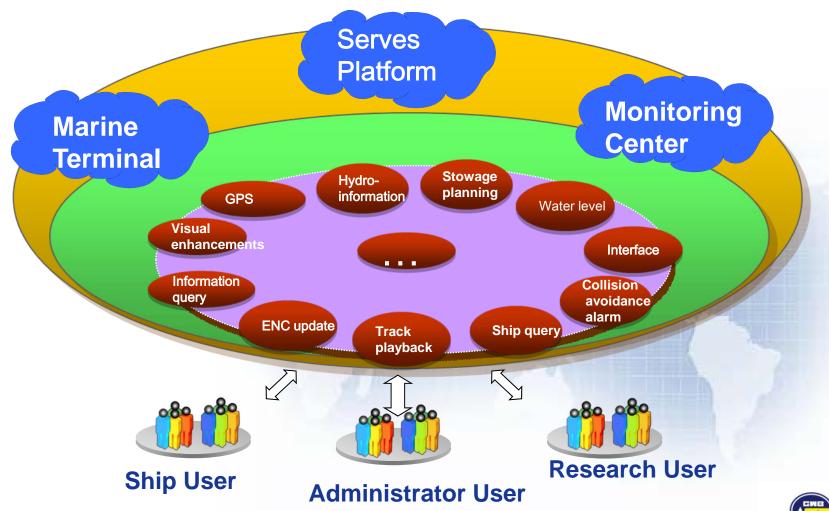
3--The Updated features & Maintenance of Changjiang ENC

Workflow Of Update







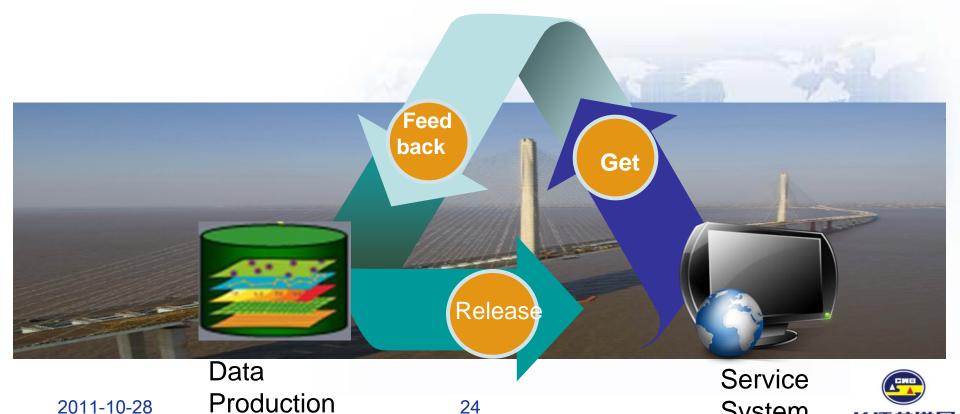


KI MIES

Digital Waterway

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System



public service quality

transport and logistics

shipping way

shipping efficiency

integration of Changjiang shipping public service







There is a bright future





5--The problems we encountered



- ⊃1. The standard of Changjiang ENCCJ-57 standard has not been incorporated into international standards
- 2. Production agency code
 - C1: Marine Assurance of PLA
 - CN: Maritime Safety Administration of PRC





The problems we encountered



It is necessary to join IHO for Changjiang Waterway Bureau, even use the code CJ.



The problems we encountered











IHO



Can expand the application of Changjiang ENC



The problems we encountered



- Technical papers to report our experience
- Welcome to Changjiang Waterway Bureau to visit and guide
- We hope to be the host of the meeting next time.





Contact us







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Thanks

Thanks very much!

