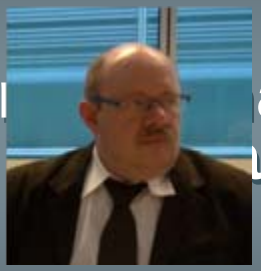
Legal and orga  al background in

Establishment of the River Information Service on the main Russian Inland Waterways of international importance and its future integration into the maritime VTS and European RIS were resulted and are regulated by Federal Task Program on the development of Global Navigation Satellite System (GLONASS) and its functional applications.

FTP was established in 2001 by the government regulation № 587 and Inland EN Cartography Development Program was initiated within the frame of FTP Subprogram "Implementation and use of satellite navigation systems on transport"

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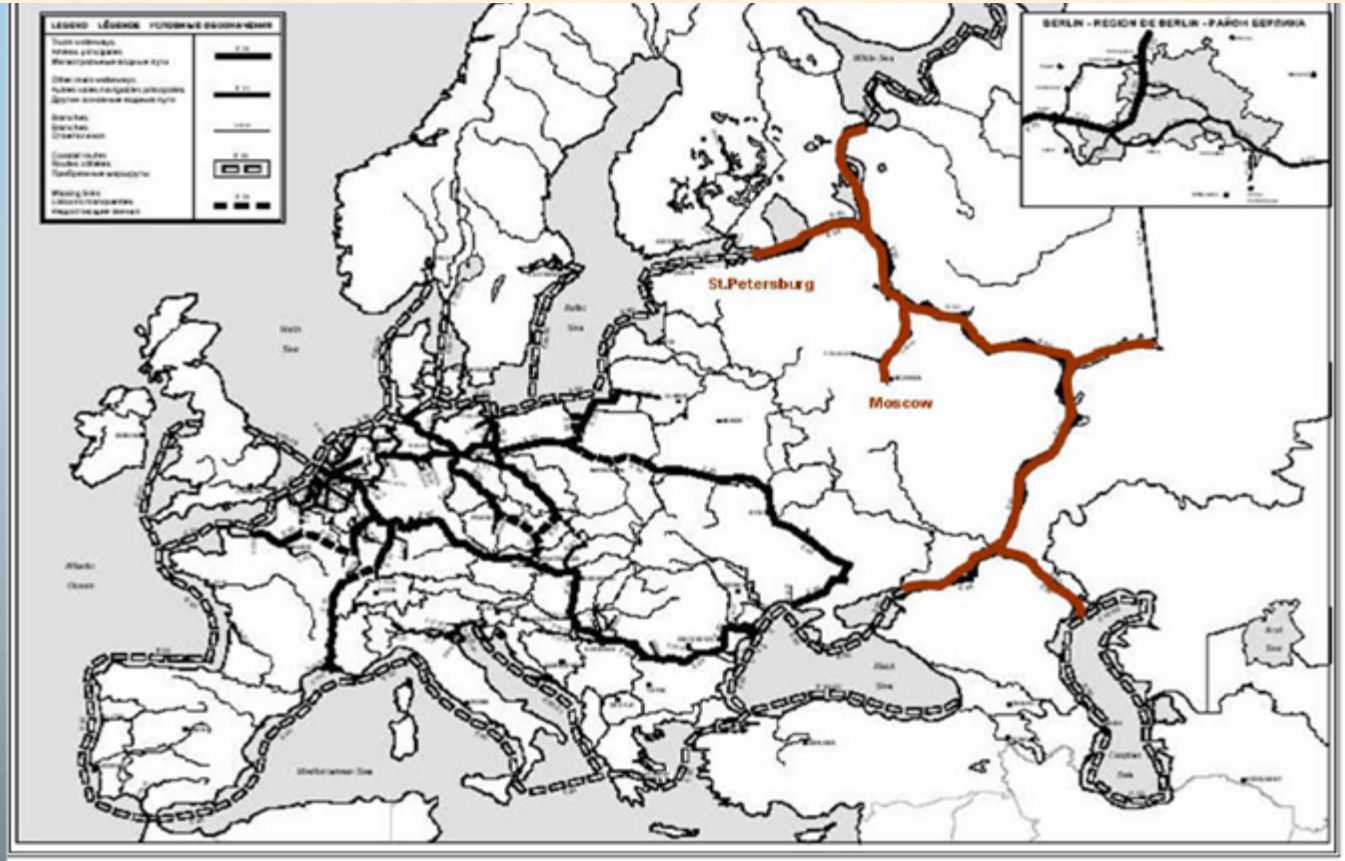
Russian Inland Waterway System is naturally connected to the European System via Baltic Sea, Sea of Azov and Black Sea. European part of the system consists of about 7000 km of navigable waterways and is separated on seven RIS areas responsible for the safety of navigation and equipped with modern aids of navigation and facilities.



Inland waterway network of the European part of Russia
in connection with all-European waterways

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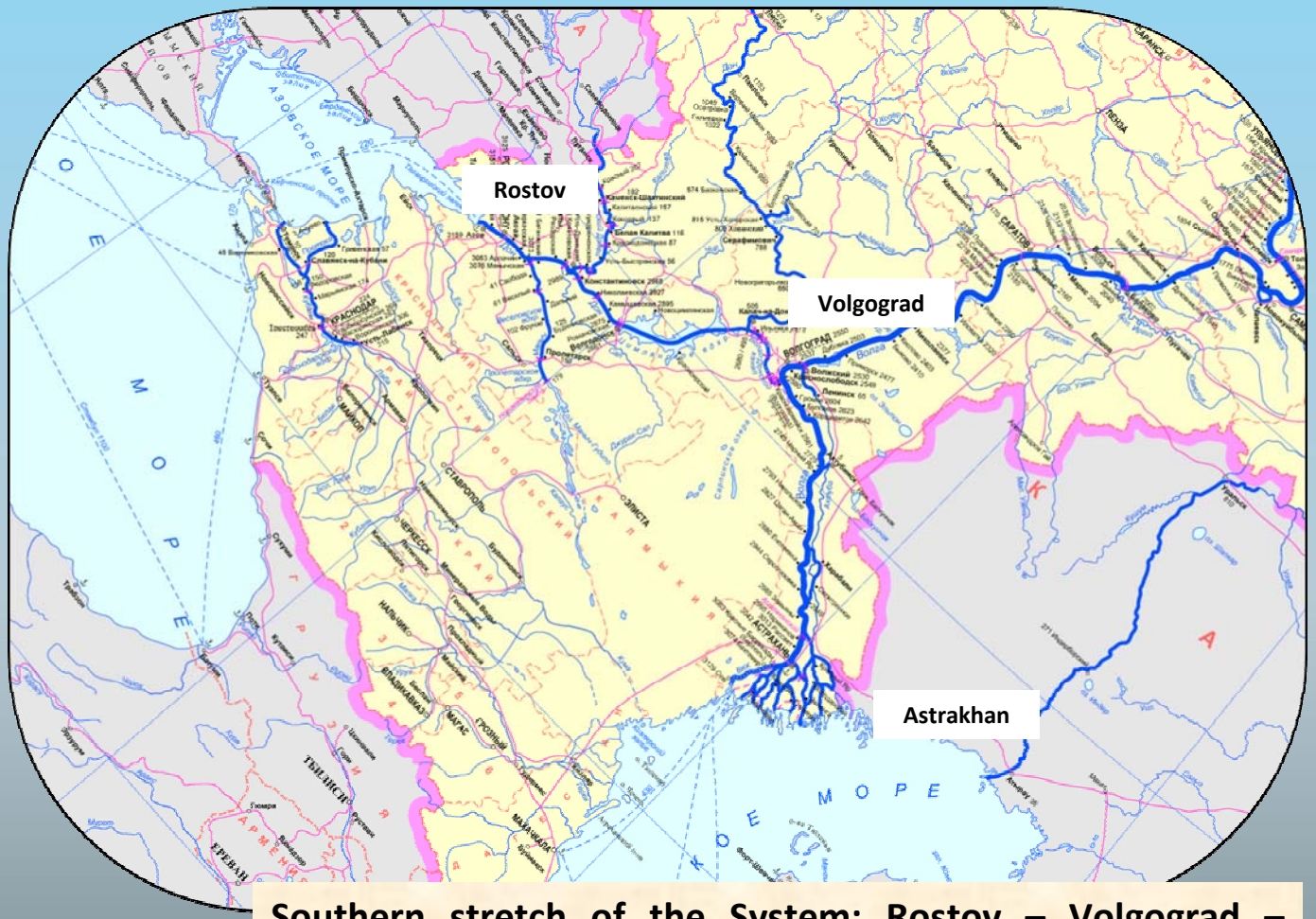

Southern stretch of the System: Rostov – Volgograd – Astrakhan to be opened for international navigation next year to provide effective transportation from Black Sea to Caspian Sea.

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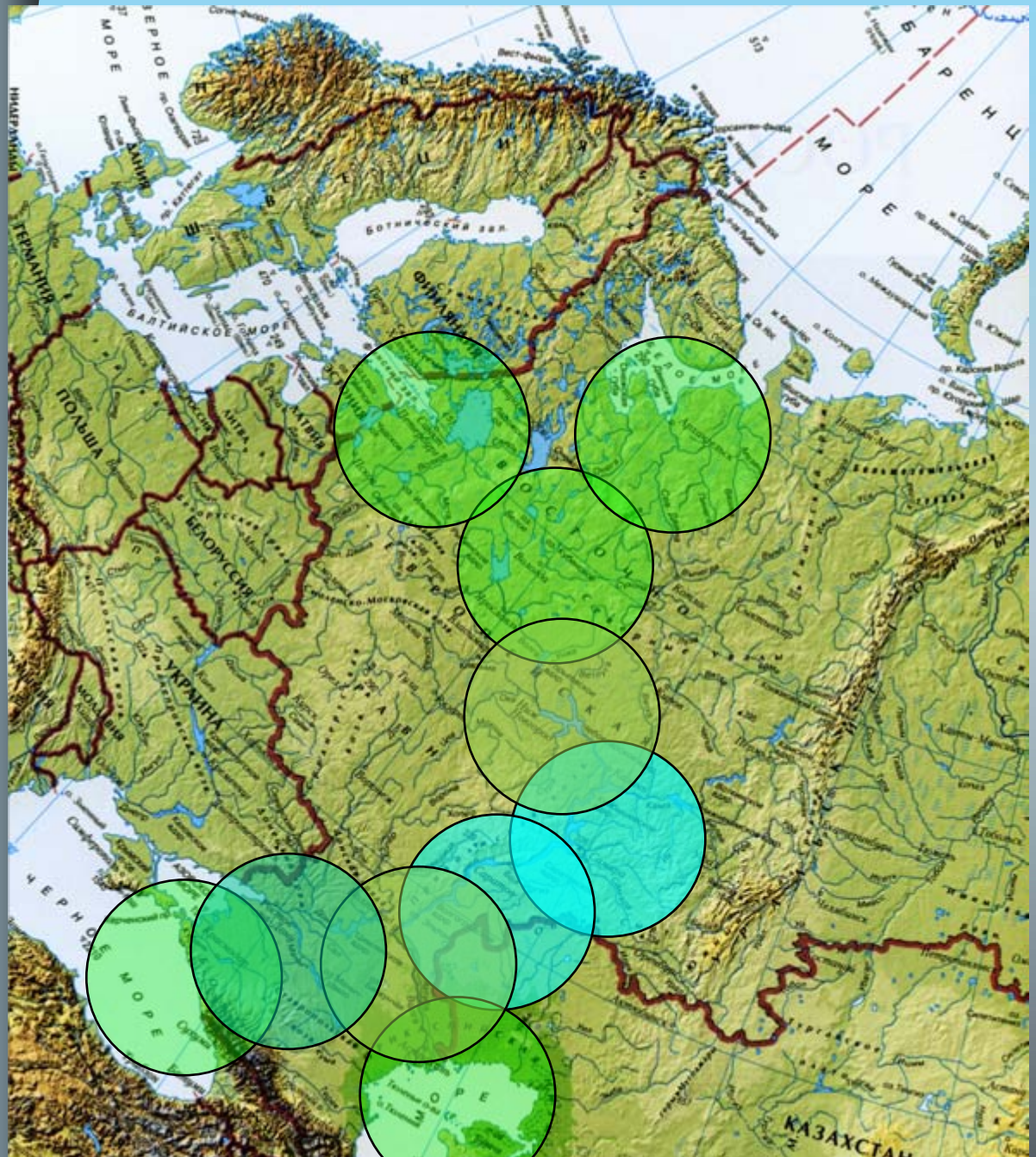

Other stretches of the System are awaited to be opened for international navigation also in 2011, and an advanced program for development the network of DGNSS beacons to provide precise and safe navigation within inland waterways was undertaken.

Fully accessible

DGNSS beacons in test mode

Inland ENC is one of the main component of RIS. To the moment whole Russian IENC collection covers ~26000 km of European, Siberian and Far East parts of Russian Inland Waterways.

To provide IENC data compatibility with European and North American IENC data MoT RF joined IEHG in 2004. Since that time we are working together under compatibility between Russian data produced under the Russian Encoding Guide (RD 153-012-01) and Inland ECDIS 2.1 data (Encoding Guide based on USACE Encoding Guide).

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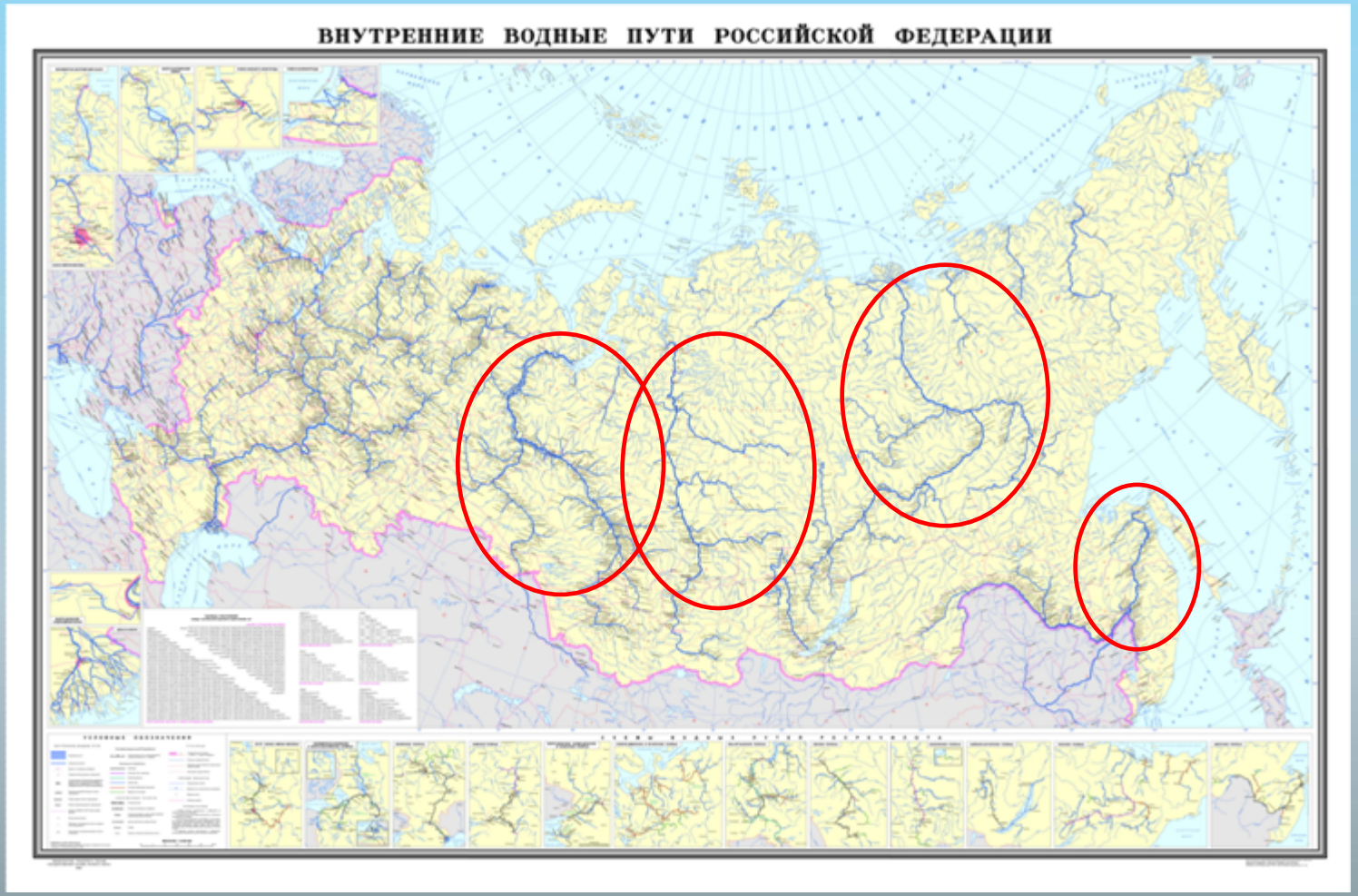
TRANSAS SETS THE STANDARD

Inland ENC Encoding Guide developed by IEHG is an important document providing unified approach to IENC encoding. It is recognized by IHO and will be included as a part of Inland ECDIS Standard into the future IHO S-100 Standard.

Taking into account the importance of IEHG ant its work, MoT of RF pays attention to the development of Russian regulation documents harmonized with Inland ECDIS Standard and IEHG EG. This is a second meeting of IEHG which is holding in St. Petersburg, Russia, in the premises of Transas Company. The previous was held in 2006.

Inland ENC Harmonization Group

TRANSAS SETS THE STANDARD



Since that time great work was done to fulfill FTP and to enlarge Inland ENC coverage to other parts of the country. 2 067 km of inland waterways in 2008, 11990 km in 2009 and 11 990 km in 2010 were covered with Inland ENCs including great Siberian rivers such as Ob, Irtysh, Yenisey, Lena, Aldan, Amur and others.

Thank you for your attention!