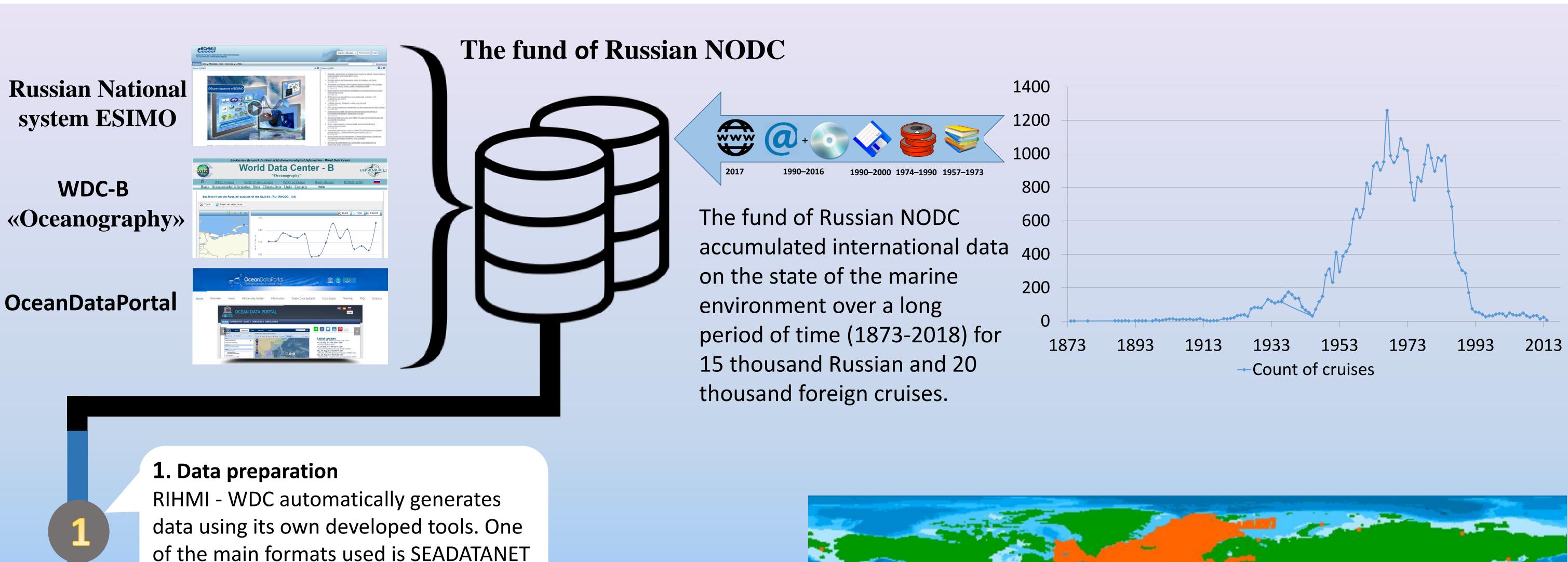


Preparation of oceanographic data for international projects



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2. Metadata preparation

ODV.

For prepared data set, the program allows generating metadata in the Common Data Index (CDI) format, based on ISO19139. Automating the preparation of CDI and ODV files has significantly reduced the complexity of data integration.

3. Data checking

The software developed by SeaDataNet - Octopus is used to verify the sent data files.

Black Sea

WDC has transferred more than 135 thousand stations, including for the Black Sea, the Baltic Sea, the Barents Sea, the Mediterranean Sea and the North-Eastern part of the Atlantic Ocean.

4. Send data

RIHMI-WDC uses various data transfer methods:

- SeaDataNet, EMODnet Chemistry, Black Sea Scene used Download Manager Software;
- EMODnet Ingestion used a web-based interface;
- EMODnet Physics used a FTP server.

Various methods of automatic data exchange between systems are being developed:

- Web services or API for automatic data collection and transfer;
- Map services in the WMS standard (OGC).

