

The People's Republic of China
Maritime Safety Administration



National Matters - CHINA

The 2nd session of the IALA Council

1. Preparation for World AtoN Day, Heritage Lighthouse Protection Seminar

To celebrate the 2025 World AtoN Day and the designation of Hainan Lingao Lighthouse as the *IALA Heritage Lighthouse of the Year 2025*, CHINA MSA plans to hold a Heritage Lighthouse Protection Seminar in July 2025. Preparation work is progressing in an orderly manner. Specific information and invitations were issued in due course, and colleagues from around the world are welcome to participate.

2. Construction of Smart AtoN Demonstration Zone

CHINA MSA, combining domestic and international research on digital waterways, has developed a 2025 project plan for Tianjin Port, the Yangzi River Delta and the Pearl River Delta Smart Waterway AtoN Service Demonstration Zone. The functional construction of the demonstration zone is being steadily advanced in phases, exploring the creation of smart application scenarios for AtoN services.

3. Research on the Application of AI Large Language Models in Aids to Navigation

CHINA MSA is promoting the localized deployment of Deepseek, conducting AI training and data feeding, advancing research on specialized large language models for aids to navigation, and providing support for the operation of the Smart Maritime Supervision System and the Marine Affairs APP.