

The People's Republic of China
Maritime Safety Administration



National Matters - CHINA (CHINA MSA)

79th session of the IALA Council

1. Complete domestic procedures for joining the Convention on the International Organization for Marine Aids to Navigation.



On October 24, 2023, the Standing Committee of the 14th National People's Congress voted to approve the decision at its sixth meeting to join the IALA Convention on the International Organization for Marine Aids to Navigation (hereinafter referred

to as the Convention), marking the most important step for China to complete its accession to the Convention.

Next, CHINA MSA will work with relevant domestic departments to complete the submission of related documents.

2. Opening of 2023 International Level 1 AtoN Manager Model Course



The 6th International Level 1 AtoN Manager Model Course, co-organized by CHINA MSA and IALA, was successfully held from August 29 to September 24. A total of 16 trainees from 9 countries including South Korea, Thailand, Malaysia, Vietnam, Brunei, Egypt, Sierra Leone, Tanzania, Morocco and China successfully completed all coursework and obtained the

International Aid to Navigation Certificate issued by the CHINA MSA and IALA jointly.

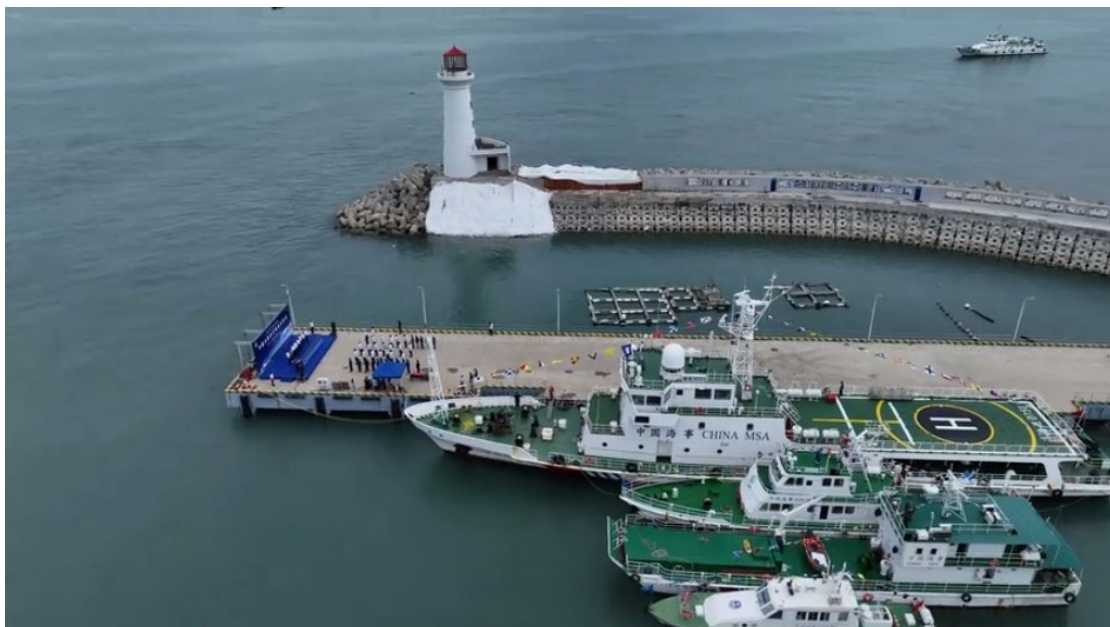
3. The 29th Session of the Council of the Far East Radio Navigation Service Was Successfully Held in Qingdao



From November 7th to 9th, 2023, the 29th Session of the Council of the Far East Radio Navigation Service(FERNS), hosted by CHINA MSA, was successfully held in Qingdao. At this meeting, representatives from China, South Korea, and IALA conducted in-depth exchanges and discussions on emerging technologies including PNT systems research and development based on Loran-C and enhanced Loran(eLoran), positioning services based on ranging modes(R mode) of medium frequency(MF) and very high frequency data exchange system(VDES), precise point

positioning(PPP) services based on the BeiDou system, and radar transponders based on enhanced radar positioning systems(ERPS). IALA introduced to the FERNs Council in detail the work IALA has done in developing resilient PNT, as well as the progress of IALA's transition to an intergovernmental organization.

4. Dachen Island Lighthouse Built to Glow



On September 16, the Dachen Island Lighthouse in China was completed, lit up and put into use. The construction of Dachen Island Lighthouse began in December 2022 and was completed in September 2023. It is a multifunctional lighthouse equipped with Automatic Identification System(AIS), Very High Frequency(VHF) transceiver, and visibility and wind speed/direction data collection system.

5. The first large-scale lighthouse tender "Haixun 156" with ice breaking function commissioned in Tianjin.



On January 16, "Haixun 156", China's first large-scale lighthouse tender with ice breaking function, was commissioned in Tianjin. "Haixun 156" is 74.9 meters in overall length, 14.3 meters in breadth, 6.2 meters in depth, with a displacement of about 2,400 tons. It adopts a fully electric propulsion system and twin azimuth thrusters, with excellent maneuverability under sea ice conditions, and can continuously break through 0.5 meter thick ice at 5 knots.

6. E-Navigation App Launches Lighthouse Tour Reservation Function



In line with the philosophy of "integrated development of transportation and tourism", on September 12, a lighthouse tour reservation function was added to "iSailing", an E-Navigation service app developed by CHINA MSA. In this way, the app not only serves ships, but also better meets the needs of tourists.

On September 16, during the 3-day Weizhou Lighthouse Public Opening Day event hosted by CHINA MSA, a total of 2,349 tourists successfully booked and received lighthouse sightseeing services through the "iSailing" App. This reservation function will

be further promoted and applied to more lighthouses in China in the future.