

The People's Republic of China
Maritime Safety Administration



National Matters

CHINA (CHINA MSA)

76th session of the IALA Council

1. Celebrate the 4th World Marine AtoN Day, CHINA MSA displayed the achievements of marine AtoN development in the past decade.

July 1st, the fourth "World Marine AtoN Day", China launched the "Open Day of Marine AtoNs", inviting students and citizens to go to heritage lighthouses, marine AtoNs exhibition halls and operation sites, to popularize the knowledge and the culture of marine AtoNs to the public.

At the same time, CHINA MSA introduced the achievements of the decade's development of marine AtoNs in China through the China national TV station. In the past ten years, following the rapid development of the shipping industry, CHINA MSA has made great progress in aids to navigation sector, and the total amount of navigation services has increased significantly,

effectively guaranteeing the navigation safety of ships along the coast of China.

2. The postcard *Safe Light at Sea* was officially issued.

On July 11th, China Post Group Corporation officially released a series postcards called *Safe Light at Sea*, the theme of the postcards is "*for sailors all around the world, hold up a piece of safety protective umbrella, light up the 'Safe Light at Sea'*" which reveal AtoNs play the important role of the navigation safety.

3. The new domestic industry standards came into effect.

CHINA MSA have issued new domestic industry standard *Directives on the setting of sector lights (JT/T 1436-2022)* and *General specification for aids to navigation lights (JT/T 761-2022)*. These standards combine IALA relevant guidelines (*G1041-SECTOR LIGHTS, G1043-LIGHT SOURCES USED IN VISUAL AIDS TO NAVIGATION etc.*) with domestic practices and promotes the domestic interpretation and implementation of IALA guidelines.

4. Explore the application of drones.

In order to strengthen the exploration and application of UAV in terms of ATON inspection and maintenance, CHINA MSA has

recently established a UAV training base which has trained a special team of UAV pilots. Meanwhile, CHINA MSA has developed a UAV surveillance and inspection system, including a flight control center of ATON surveillance and inspection and a data processing center etc. This technology can collect the field data required by the ATON operation task in advance, greatly reduce the ship operation time and lessen the working time and intensity of the ATON personnel on sea.