

The People's Republic of China  
Maritime Safety Administration



## National Matters

### CHINA (CHINA MSA)

74th session of the IALA Council

#### **1. The 1st North Bund Forum opened in Shanghai.**

November 3-5, Shanghai Municipal People's Government and the Ministry of Transport of the People's Republic of China held the 1st North Bund Forum in Shanghai. In addition to the main forum, there were two parallel sub-main forums on global shipping and aviation, as well as five theme sessions. The theme session on Safety and Cooperation was organized by CHINA MSA. The session also honored to have invited IALA Secretary-General Mr. Francis Zachariae and IHO Secretary-General Mr. Mathias Jonas to deliver keynote speeches.

#### **2. A new law enforcement vessel has commissioned in Guangzhou.**

October 23, CHINA MSA has commissioned a new patrol vessel – Haixun 09 – in Guangzhou. With 13,000t full load displacement, Haixun 09 has the capabilities of cross-sea safety patrols and emergency search and rescue efforts in complex

ocean environments. It will serve as a mobile law enforcement platform for maritime patrols, as well as emergency coordination and command, and the command of pollution prevention at sea.

### **3. Three VDES experiment satellites was successfully launched.**

In 2019, WRC-19 identified frequency for the global development and application of the satellite VDES system. China Transportation Telecommunications & Information Center (CTTIC) under Ministry of Transport worked out the frequency and orbit plan and applied to ITU after WRC-19. ITU published information shows that the satellite orbit data declared by the center ranked first according to the timing of the application.

October 14, 2021, three VDES experimental satellites, jointly developed by CTTIC and related research institutions, were successfully launched into the scheduled orbit. These experimental satellites will carry out in-orbit verification and satellite-ground integration tests to complete key technological breakthroughs.

### **4. CHINA MSA launched an exhibition show of heritage lighthouses short video clips.**

In October, CHINA MSA launched an exhibition show on heritage lighthouses short video clips, collected short lighthouses-video works from the industry and society, and

invited the public and maritime colleagues to participate in lighthouse shooting. A total of 20 excellent works is now under exhibition and broadcast on official social media account of CHINA MSA.

**5. A newly issued standard for AtoN on bridge will come into force.**

A new technical standard *Aids to Navigation on the Bridge over Maritime Navigable Waters, China (GB24418-2020)* had been issued on Nov. 17<sup>th</sup> 2020 and will come into force in Dec. 1<sup>st</sup> 2021.

**6. The application of new energy power supply system in Zhuhai Hebao VTS radar station has achieved good results.**

A new energy power supply system built by CHINA MSA has been successfully installed and put into operation at Zhuhai Hebao VTS radar station. The system realizes intelligent alternate working mode of solar energy and lithium battery, guarantees 24-hour continuous power supply, and provides at least 6 days of backup electricity storage under continuous rainy and low light weather. According to one-year trial data, the radar station has achieved zero-carbon power supply and reduced carbon emissions by 24 tons annually.