

The People's Republic of China  
Maritime Safety Administration



## National Matters - CHINA (CHINA MSA)

The 80th session of the IALA Council

### **1. China Maritime Safety Administration (MSA) launched a maritime affairs APP**

To further improve the level of government services and provide more convenient maritime public services for port and shipping enterprises and crew members, China MSA launched a maritime affairs APP on March 20, 2024. The APP aims at providing services the clients of maritime management agencies, and has launched seven service items including "government services, port and shipping services, information query, safety services, green services, crew services, and navigation services," in the first batch. At present, this APP can replace the similar functions of the existing service-oriented APPs of various maritime management agencies, and will be integrated and unified in the next step.

### **2. China's first BeiDou-3 lamp put into use in Shanghai**

On March 25th, China MSA successfully installed the first lamp based on the BeiDou-3 short message positioning and communication technology on the No.

114 Buoy in the Lujiazui waters of the Huangpu River in Shanghai Port. With the help of BeiDou-3 positioning and communication technology, the lamp has significantly improved its positioning accuracy, communication capability, and signal anti-interference ability. The next step is to promote the use of this technology in other key navigational waterways in China.

### **3. China MSA announced the implementation of the first recommended fishing vessel route in the sea area**

In order to prevent maritime traffic accidents, decrease the risk of collisions between merchant ships and fishing vessels, and promote the transformation of the water traffic safety governance model to accident prevention, on April 9, China MSA, together with China's fishery management department, announced the implementation of China's first recommended fishing vessel route in the waters southeast water of Shidao, Weihai, Shandong Province. The route guides fishing vessels to pass through the dense navigable area in the southeast of Shidao in an orderly manner, thereby regulating the navigational order in the waters and preventing collisions between merchant ships and fishing vessels.

### **4. China MSA released E-Navigation technical service for navigation assistance & collision prevention early warning in bridge waters**

Recently, China MSA released the E-Navigation technical service for navigation assistance and collision prevention early warning in bridge waters. The service realizes the judgment and reminder of ships approaching bridges, as well as deviation, and overspeed prompts. The service is designed and

developed according to IALA G1128 and adopts the IHO S-127 data model, which can push navigation assistance information to relevant ECS and mobile APPs. At present, it has been applied to the waters of 372 bridges in the Pearl River system of China.