1 Improvement of Maritime Traffic Environment

In view of the growth in size of vessels, higher speed of ships, diversification of coastal sea area utilization, more complex maritime traffic and others, and in order to ensure safe and smooth navigation and safety in ports, it is intended to develop shipping routes, ports and harbors, fishing ports, Aids to Navigations and others and enhance information regarding safety such as charts, Sailing Directions, tidal currents and others as well as to establish information provision systems using ICT. In addition to making efforts to prevent accidents and mitigate damage by conducting accurate monitoring on natural phenomena that affect maritime traffic and by issuing and disseminating forecasts and warnings in a timely manner, the content of the information will be enhanced and its effective use will be intended. In addition, not only the operational use and improvement of prediction models of waves and storm surge are performed, but also it is intended to improve the precision and content of the marine forecasts and warnings so as to be fully utilized in the Global Maritime Distress and Safety System (GMDSS).

The development of facilities at passenger ship and ferry terminals will be promoted so that all users including the elderly and disabled people can use them safely and with reduced physical burden.

In addition to taking measures designed to check the implementation status of security measures in international port facilities based on the Act on Assurance of International Ships and Port Facilities (Act No. 31 of 2004) and to foster personnel, the immigration management at the port facilities will be enhanced and security measures in ports and harbors strengthened.

① Developing traffic safety facilities
② Ensuring safety in areas with heavy marine traffic
③ Enhancing the provision of information on maritime transport
④ Developing passenger ship terminals in response to the aging society

2 Ensuring Safe Operations of Ship

In order to ensure safe navigation of ships, the prevention of human errors in ship navigation, improvement of qualifications of seamen and maritime transport operators, audit by safety management and seafarers labour inspectors, full instructions on the prevention of recurrence of accidents and the evaluation of transport safety management will be promoted among other measures and the supervision of qualification requirement of crews of foreign ships will be also promoted. In addition, ship operators will be urged to prepare "Ship's Tsunami evacuation manual", and effective use of ships in large-scale disasters through an improvement in information quality within data about the matching system designed to rapidly extract candidate ships according to use needs will be promoted.

① Prevention of human errors
② Enhance operational management of ships
③ Secure qualifications of seamen
④ Promote measures to prevent accidents and disasters at sea
⑤ Ensure safety by means of pilotage system
⑥ Promote the supervision of foreign vessels
⑦ Strengthening of measures to deal with large-scale disasters

3 Enhancing Safety Measures for Small Boats

Since maritime accidents of small boats account for about 80% of the total of maritime accidents and many of their causes are human errors, concerted efforts designed to help marine leisure sport-related people and fishing-related people alike raise their awareness will be promoted by relevant organizations in a coordinated manner.

For this reason, in order to prevent human errors, collision prevention measures using smart-phones expansion of information provision, informing and raising awareness of compliance requirements for boat's operators (pre-sailing inspection, keeping a lookout, etc.), and giving corrective guidance to the violators will be implemented.

Furthermore, from February 1, 2018, as a general rule, the use of life jackets will be made mandatory for the persons riding small boats. This will be disseminated through various ways, such as leaflets and the Internet.

In addition, the development of environment such as the development of port parks will be promoted.

①   Prevention of human errors
②   Inform and raise awareness of compliance requirements
③   Increase life-jacket usage rate
④   Promote safety measures for pleasure boats
⑤   Promote safety measures for fishing boats, etc.
⑥   Develop boat parks, fisharenas, etc.