

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 vessel 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, real-time tidal currents and others as well as to establish information provision systems using IT.

In addition to making efforts to prevent accidents and mitigate damage by conducting accurate situation monitoring on natural phenomena that affect maritime traffic and by making public and providing forecast and warning in a timely manner, the measures referred to in the Section 3 Chapter 1 in Part I will be taken in order to enhance the content of this information and to make its effective use. In addition, not only the 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 forecast and warning so as to make the best use of the Global Maritime Distress and Safety System.

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 law (Law 31 of 2004) aimed at securing security of international voyage ships and international port facilities and to foster personnel, the immigration management at the port facilities will be enhanced and security measures in ports and harbors strengthened.

- ① Development of maritime traffic environment
- ② Enhance the provision of information on maritime traffic
- ③ Develop cruiser terminals for the elderly, disabled people, etc.
- ④ Promote safety measures in ports

2. Ensuring Safe Operation of Vessels

It is intended to secure safe vessel navigation by improving qualifications of seafarers and establishing systems for safe navigation.

To this end, it is intended to improve qualifications of seamen, pilots, passenger ship operators and coastal shipping operators, strengthen the inspection of work conditions at sea, and promote the supervision of foreign vessels as well as implement measures to prevent recurrence of serious accidents. Furthermore, in order to improve further the safety with the participation of all people in the building-up of safety management system, it is intended to enhance the “Transport Safety Management System” whose implementation status is checked by the government. In addition, it is intended to make efforts in a planned manner with a view to preventing disaster at sea, for example, by means of the promotion for dissemination of the guideline on the “Occupational Safety and Health Management System” in which ship owners voluntarily provide a series of processes on risk assessment and PDCA cycles related to seafarer disaster to conduct continuous and step-by-step improvement of safety and health.

It is also intended to conduct studies on the causes of past accidents on ongoing basis to contribute to the reduction in damage and the prevention of recurrence of accidents at sea.

- ① Enhance operational management of ships
- ② Secure qualification of seamen
- ③ Promote measures to prevent accidents and disasters at sea
- ④ Ensure safety by means of pilotage system
- ⑤ Promote the supervision of foreign vessels
- ⑥ Introduce the latest navigational equipment

3. Improvement of Safety Measures for Small Vessels

Maritime accidents of small boats such as fishing boats, pleasure boats and others account for 70% of the total number of maritime accidents. In light of this situation, it is indispensable that marine leisure enthusiasts and fishermen enhance safety awareness and that environment for safe navigation is developed and rescue systems strengthened.

To this end, it is intended to develop boat parks, provide safety measures for small boats, encourage an orderly use of coastlines, raise awareness of small drivers about the use of life-jacket as well as of pre-sailing inspection and other rules, and promote the enhancement of mobile rescue systems using a helicopter.

Furthermore, based on the fundamental program for seafarer disaster prevention and its implementation, it is promoted to establish plans for the prevention of accidents at sea.

- ① Enhance safety measures for small boats, etc.
- ② Increase life-jacket usage rate
- ③ Promote safety measures for pleasure boats, etc.
- ④ Develop boat parks, fisher arenas, etc.
- ⑤ Promote safety measures for fishing boats, etc.