

1 Improvement of Maritime Traffic Environment

Taking into consideration the growth in size of vessels, higher speed of ships, variety of water area use, and the maritime transport complexity, the improvement of sea routes, harbors, fishing ports, and beacons are promoted while improving an information provision system that applies data augmentation and IT in relation to nautical charts and coast pilots, in order to ensure safe sea routes, harbors, and fishing ports.

- (1) Improvement of traffic safety facilities
- (2) Augmentation of data provision concerning traffic regulations and maritime transport
- (3) Improvement of passenger ship terminals for an aged society

2 Ensuring Safe Operations of Vessels

By consolidating systems concerned with the knowledge of maritime participants, maintenance and improvement of technical skills, and safe operation, efforts are made to secure safety from the point of view of ship operation.

Therefore, a systematic effort is made to prevent crew accidents in the following aspects: the improvement of quality of sailors, pilots, passenger ship operators and inland maritime merchants, augmentation of operation management of vessels that relate to the strengthening of transport service audits, reoccurrence prevention at the time of occurrence of major accidents, augmentation of the "Transport Safety Management System" and the promotion of dissemination of guidelines in the "Occupational Safety and Health Management System" (designed to improve the safety sanitary standards phrasal and consistently by encouraging the ship owners to voluntarily carry out the process of risk assessment and PDCA cycle that concern crew accidents.

In addition, for contributing to prevent recurrence and mitigate damage of marine accidents/incidents, we shall continue to appropriately identify the causes of accidents/incidents.

- (1) Improvement of quality of sailors
- (2) Augmentation of operation management of ships
- (3) Promotion of crew accident prevention measures
- (4) Promotion of accordingly the new pilot system
- (5) Improvement of investigation function for determining the causes of marine accidents/incidents

3 Improvement of Safety Measures for Small Vessels

In order to prevent maritime accidents of small ships that comprise over half of all maritime accidents, it is essential to improve safely transportable environment, and strengthen rescue systems in addition to cultivating self-awareness of safety among marine leisure lovers and fishermen.

Therefore, improvement of boat parks, mini boat safety measures, life jacket use, and the expansion of mobile search, and rescue systems that utilized helicopters are promoted.

Furthermore, based on the Crew Accident Prevention Master Plan and Crew Accident Prevention Implementation Plan, prevention measures of serious and fatal accidents of elderly sailors and fishing boats are promoted.

- (1) Improvement of boat parks and fishermen's marina
- (2) Promotion of safety measures for fishing boats
- (3) Promotion of safety measures for pleasure boats
- (4) Improvement of the rate of life jacket usage
- (5) Quick acquisition of maritime accident information