

Prefatory Note

Special Feature Articles on “Dealing with Risk”

Corporate Officer, Director of Research Institute, ClassNK
Yukihito FUJINAMI

On the publication of ClassNK Technical Journal No. 6, I would like to take this opportunity to welcome our readers.

Our technical newsletter, ClassNK Technical Journal, is published to contribute to technology in the maritime industry and related fields by publicizing the technical activities and research achievements of the Society. The previous Special Feature in ClassNK Technical Journal No. 5 focused on zero emission ships, and reported on related trends in technology and the results of research and development.

In recent years, quick and comprehensive identification of risks and study of a rational response has been demanded not only in the offshore development field, but also in the ship field, covering each of the phases of development and design, construction and operation of ships, beginning with various types of new concept ships such as alternative fuel ships and autonomous ships.

This ClassNK Technical Journal No. 6 includes a Special Feature entitled “Dealing with Risk,” which introduces the concepts of risk assessment and risk-based design in the maritime field and the necessity of a new framework to support social implementation of autonomous ships. This issue also includes a diverse range of articles and papers, presenting the results of various research and development and trends in the IMO.

Based on the needs of society and industry, ClassNK will continue to make diligent efforts in research and development which contributes to securing the safety of life and property at sea, protecting the marine environment and creating innovations that lead society, and will endeavor to contribute to the further development of the maritime industry.

In conclusion, I would like to request the continuing understanding and support of all those concerned.