

Maritime career education through collaboration between five KOSENs and industry organizations

Kiichiro Mukose¹, Tomotaka Homae¹, Tomoyuki Hamada² and Sachio Kubota³

¹Department of Maritime Technology, National Institute of Technology, Toyama College

²Department of Maritime Technology, National Institute of Technology, Hiroshima College

³Department of Maritime Technology, National Institute of Technology, Toba College

Introduction

Five of KOSENs (Toyama, Toba, Hiroshima, Oshima, and Yuge) have departments of maritime technology. The departments provide education and training to students to be officers and engineers of merchant ships. These are licensed professions and important to the global economy.

The five KOSENs also provide career education to the students to deepen their understanding of the maritime professions. Some of the career education programs are conducted under the direction of the "Council for the Development of the Next Generation of Maritime Human Resources at National KOSEN". The council is composed of the five maritime KOSENs, two maritime universities, and organizations related to the marine industry and marine education.

The Japanese Shipowners' Association

Japan Maritime Officers' Association

All-Japan Seamen's Union

International Mariners Management Association of Japan

Japan Agency of Maritime Education and Training for Seafarers

Collaboration for Maritime Career Education

Toyama College

Toba College

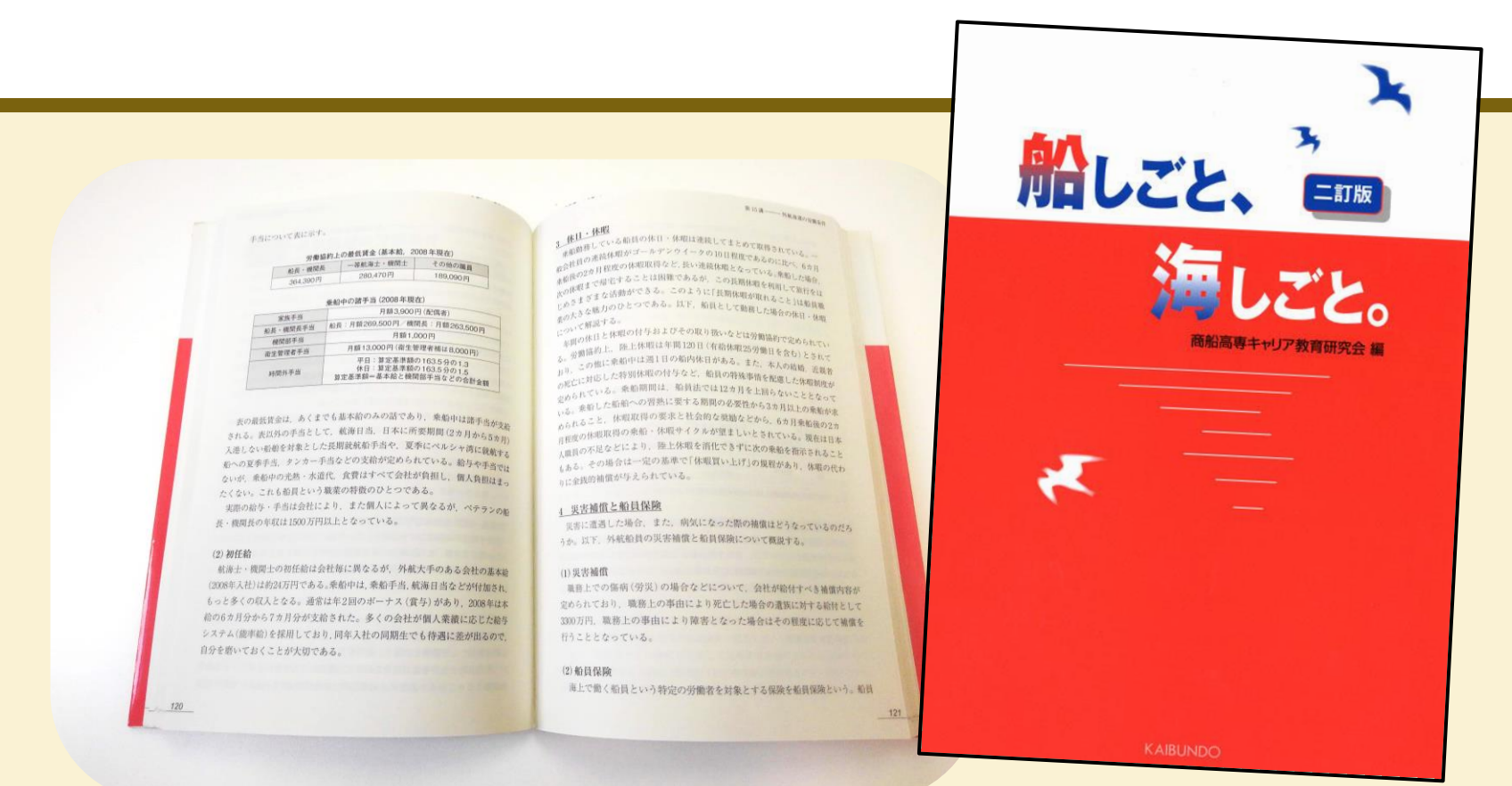
Hiroshima College

Oshima College

Yuge College

Textbook and Workbook

In 2009, a textbook on maritime careers was written by faculty members of the five KOSENs and other contributors, and it has been available for the students. And a workbook also has been available to record the license examinations, training at sea, lectures, seminars, and so on.



Seminars for career education

In 2015, a seminar was held with invited five speakers from four organizations related to the marine industry. The seminar was attended by 464 students from five KOSENs via videoconferencing system. Since then, such special seminars have been held every year up to the present. In 2022, the seminars were held with invited speakers from five organizations, at each of the five colleges in face-to-face style, and recordings of the seminars were shared to the other colleges.

These seminars have covered the following topics:

- Specifics and benefits of maritime jobs
- Attractiveness of shipping companies
- Activities of the seafarers' trade union
- Career examples of past graduates of the colleges
- Preparations for training at sea

Numbers of Attendees

Year	Total	Example in 2017				
		Toyama College	Toba College	Hiroshima College	Oshima College	Yuge College
2015	464					
2016	83					
2017	522	39	40	37	38	
		45		46	40	
		31	32	39	38	46
		23				28
2018	522					
2019	397					
2020	407					
2021	497					
2022	488					



- Very interested
- Somewhat interested
- Neither
- Not very interested
- Not interested at all

Example in 2017

Responses of Attendees

Conclusion & Outlook

Our career education has been considered to be effective in motivating the students to engage in the training while in college, and in motivating them to work at sea after graduation. And the five KOSENs are currently studying the recent changes in the career aspirations of young people in Japan, and discussing how the career education should respond to these changes.