

# **IAMU 2001** Proceedings

The Second General Assembly

## **INTERNATIONAL ASSOCIATION OF MARITIME UNIVERSITIES**

**2-5 October 2001**

**Awaji Yumebutai (Awaji Dream Stage)**

**International Conference Center**

**Kobe, JAPAN**





**Proceedings of**  
**The Second General Assembly**  
**INTERNATIONAL ASSOCIATION OF**  
**MARITIME UNIVERSITIES**

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Kobe, JAPAN

**Sponsored by The Nippon Foundation**

**Supported by Ministry of Education, Culture, Sports,  
Science and Technology**

Kobe University of Mercantile Marine

Kobe, JAPAN





## Welcome to Awaji Island, Hyogo

I am very pleased and honored to host the second general assembly of International Association of Maritime Universities (IAMU) 2001 at Awaji Island, Hyogo, Japan.

The inaugural general assembly of IAMU was held in Istanbul in June, 2000. IAMU is trying to promote research and studies with the three common goals ;

1. What the next generation seaman education should be
2. What the future education for safety management at sea and its qualification should be
3. What the worldwide standard should be

In an increasingly global business climate with progress of the Internet, maritime transportation and the training of personnel, who could make contribution to it, play more important role than ever. Such circumstances would add to the significance of the role in the second general assembly.

I expect a lot of people get engaged in the heated discussion over the various matters.

Awaji Island, the place of scenic beauty, is close to the international harbor city Kobe. The island is linked with the main island by the Akashi Kaikyo (strait) Bridge, which is the longest suspension bridge in the world.

We are to hold the assembly at Awaji Yumebutai International Conference Center in Akashi Kaikyo National Government Park. The complex is truly deserved to be called “the stage of dreams” with its magnificent harmony of the flowers, green hills and blue sea and has state-of-the-art facilities.



A handwritten signature in black ink that reads "Kiyoshi Hara".

Professor Dr. Kiyoshi Hara  
Chair, Local Organizing Committee of IAMU2001  
President, Kobe University of Mercantile Marine

## **LIST OF IAMU MEMBERS**

### **IAMU Steering Board Members**

AASTMT - Arab Academy for Science, Technology and Maritime Transport (Egypt)  
AMC - Australian Maritime College (Australia)  
ITUMF - Istanbul Technical University, Maritime Faculty (Turkey)  
KUMM - Kobe University of Mercantile Marine (Japan)  
MMA - Main Maritime Academy (USA)  
Southampton Institute (UK)  
WMU - World Maritime University (Sweden / IMO)  
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### **IAMU Members**

Admiral Makarov State Maritime Academy (Russia)  
California Maritime Academy (USA)  
Constantza Maritime University (Romania)  
Dalian Maritime University (China)  
Dokuz Eylul University, Institute of Marine Sciences and Technology (Turkey)  
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Szczecin Maritime University (Poland)  
Tokyo University of Mercantile Marine (Japan)  
U.S. Merchant Maritime Academy (USA)  
University of Cantabria (Spain)  
University of Plymouth (UK)

## **OUTLINE OF WORKING GROUPS**

### **Working Group 1 - Maritime Education and Training System**

**Head : Gamal Eldin Ahmed Mokhtar, AASTMT (Egypt)**

WG-1 aims at the contribution of individual seafarers to the safety and the environmental protection. To achieve this purpose, WG-1 carries out the academic discussions regarding with the improvement of the methods and the contents of maritime education and training, and the international cooperation.

#### Topics on WG-1

- 1) The analysis and assessment of the current reality and the future needs of the maritime education and training system.
- 2) The design through the scientific and academic approach higher level of education system than minimum requirement in STCW'95.
- 3) The design of curricula, examinations, assessment and evaluation methods.
- 4) The design of educational techniques, including the use of simulators.
- 5) The new framework to be introduced, including the utilization of flexible learning techniques such as multimedia technologies, satellite and Internet.

### **Working Group 2 - Maritime Safety Management System**

**Head : Neil Otway, AMC (Australia)**

WG-2 aims at the establishment of the safety management system from shore side in the international maritime society. To achieve this purpose, WG-2 carries out the academic discussions regarding with the improvement of the methods and the contents of education and training of maritime safety management system, and the international cooperation.

#### Topics on WG-2

- 1) Quantification of performance measures associated with a Maritime Safety Management System and development of a process for monitoring these measures and taking action as necessary to achieve continual improvement.
- 2) Identification of shore-based activities associated with a Maritime Safety Management System that are not covered by the ISM.
- 3) Inculcating a culture of “safety” and “environmental awareness” amongst shore-based managers and operators.
- 4) Benchmarks for the technical side of shore-based ship management activities.

- 5) Potential problems and solutions for implementing international and national regulations and rules to comply with the objectives of a Maritime Safety Management System.
- 6) The common elements of Port State Control, Flag State Control and the Regulator's.
- 7) Identification of internationally-accepted environmental management and quality assurance standards that should be incorporated into a Maritime Safety Management System.
- 8) The appropriate allocation of responsibilities between shore-based and shipboard personnel for a Maritime Safety Management System.
- 9) Best-practice standards of training and qualifications required by port authorities worldwide.
- 10) Identification of the common aspects of Port State Control courses offered in various PSC regimes and determination of best practice in course content and delivery.
- 11) Conduct a study into the causes of incidents and accidents that have occurred whilst ships have been at their berth.

### **Working Group 3 - Promoting Global Maritime Excellence**

**Head : Malek Pourzanjani, Southampton Institute (UK)**

WG-3 aims at the establishment of the global standardization of the maritime education system and the safety management system. To achieve this purpose, WG-3 carries out the academic discussions regarding with the improvement of the existing certification system and the initiation of the newly developed international certification system.

#### Topics on WG-3

- 1) The analysis and assessment of the current reality and the future needs of the certification system in the international maritime society.
- 2) The improvement of the existing certification system for competency of seafarers for the graduates of the high level maritime universities/faculties.
- 3) The initiation of the new global standard of the international certification system for competency of seafarers, including common examination and evaluation standards and methods.
- 4) The initiation of the new global standard of the international certification system for qualified experts in the field of maritime safety management, including common examination and evaluation standards and methods.



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## **President of KUMM**

Kiyoshi HARA

## **Vice President of KUMM**

Kinzo INOUE

## **Local Executive Committee, Head**

Toshimichi FUKUOKA

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Hiroaki SAMATA

Wataru SERA

Saburo SUZUKI

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Isao TAKAMI

Makoto UCHIDA

Shigehiro YAMAMOTO

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