

International Workshop
on Air Pollutions from Ships, particularly NOx, SOx and PM
Sponsored by
National Maritime Research Institute, Japan

28th February (Wednesday), 2007

Start: 10:30am – 17:30

Place: National Maritime Research Institute
6-38-1, Shinkawa, Mitaka, Tokyo

Purpose

Purpose of the workshop is to hold good opportunity for shipping companies, shipbuilders, engine manufactures and other related industries to understand and exchange information about future tendencies on world NOx and SOx and PM regulations and relationships with technologies.

Draft Program

10:30 Introduction

“Schedules of Rule Developments about Air Pollutions from Ships”

Mr. Koichi Yoshida

Director of International Coordination Centre,
National Maritime Research Institute (NMRI), Japan

10:40-12:20 Session “International Movement of Rules regarding Air Pollution
Preventions from Ships”

10:40-11:30 (1) Air Emissions from Ships: A US Perspective on the Challenges and
Possible Solutions

Mr. Bryan Wood-Thomas

Associate Director, Office of Transportation and Air Quality,
U.S. Environmental Protection Agency
(Chairman of the Working Group on Air Pollution,
Sub-Committee on Bulk Liquids and Gases, IMO)

11:30-12:20 (2) Movements in Europe Including Reactions to the IMO Movements and
European Regional Approaches about NOx, SOx and PM Emissions from
Ships

Cap. Colin Thomas

Marine Surveyor

Environment Quality Branch,

Maritime and Coastguard Agency, Department for Transport, UK

12:20 – 13:30 Lunch time

13:30-15:30 **Session “Trend of Developments of Technologies for Air Pollution
Preventions from Ships”**

13:30-14:00 (3) Study on Geographically Based Standard Approach

Dr. Tetsuya Senda

Director of Energy and Environment Assessment Department,
NMRI

14:00-14:30 (4) Possible Changes of Ship Design Including Engine Room
about Emissions of NOx and SOx

Mr. Masaki Ohtsu

Associate Director

Mitsui Engineering & Shipbuilding Co., Ltd.

14:30-15:00 (5) Current Operational Efforts to Reduce Air Pollutants,
Unsolved Problems and Future Steps in Shipping Operations

Mr. Kenjiro Takenaga

General Manager Ship Planning Group

Kawasaki Kisen Kaisha, Ltd. ("K" LINE)

15:00-15:30 (6) Perspective of Research and Development in Japan
Regarding Future Air Pollution Prevention Regulations

Mr. Eiichi Muraoka

Researcher, International Coordination Centre, NMRI

15:30-16:00 Coffee Break

16:00-17:00 **Panel Discussion**

Theme: **Future of NOx and SOx Regulations and Related Technologies**

Chair: **Mr. Bin Okamura**

Chairman of the Working Group on Air Pollution,

Marine Environmental Protection Committee, IMO

Panelist: all Presenting Speakers

17:00

Closing remarks

Mr. Tasuku Hirabara

Director for International Regulation,
Safety Standard Division, Maritime Affairs Bureau,
Ministry of Land, Infrastructure and Transport

17:30-19:00

Reception

Registration

Registration fee is free.

Registrants are urged to register before February 23, 2007. Please complete the registration form in the next page and send the form to the secretariat by e-mail (airpolws@nmri.go.jp) or fax (+81-422-41-3247).

If you need contact, please send e-mail to the secretariat.