

Attachment 1 – PROGRAMME of the Conference

September 6 (Thu) 2007

09:00 – 09:30	Registration
Opening Session chaired by Prof. Kato (JASNAOE/Osaka University)	
09:30 – 09:35	Opening Remarks Mr. N. Tsuda (Director of JASNAOE)
09:35 – 09:40	Remarks by RINA Dr. T. Blakeley (Royal Institution of Naval Architects)
09:40 – 10:10	Key note speech Mr. K. Yoshida (National Maritime Research Institute, Japan)
10:10 – 10:30 Coffee/Tea	
Session 1: Anti-Corrosion Steel I chaired by Dr. Tozawa (National Maritime Research Institute, Japan)	
10:30 – 10:55	<i>Development of Anti-Corrosion Steel for the Bottom Plates of Cargo Oil Tanks</i> S. Sakashita, A. Tatsumi, H. Imamura and H. Ikeda (Kobe Steel, Japan)
10:55 – 11:20	<i>Development of Corrosion Resistant Steel for Cargo Oil Tanks</i> K. Kashima, Y. Tanino, S. Kubo, A. Inami and H. Miyuki (Sumitomo Metal Industries, Japan)
11:20 – 11:45	<i>Development of New Anti-Corrosion Steel for COTs of Crude Oil Carrier</i> S. Imai, K. Katoh, Y. Funatsu, M. Kaneko (Nippon Steel Corporation, Japan), T. Matsubara, H. Hirooka and H. Sato (Nippon Yusen Kaisha, Japan)
11:45 – 12:10	<i>Onboard Evaluation Results of Newly Developed Anti-Corrosion Steel for COTs of VLCC and Proposal for Maximum Utilization Method</i> S. Imai, K. Katoh, Y. Funatsu, M. Kaneko (Nippon Steel Corporation, Japan), T. Matsubara, H. Hirooka and H. Sato (Nippon Yusen Kaisha, Japan)
12:10 – 12:20 Presentation of LLOYD'S REGISTER ASIA	
12:20 – 13:30 Lunch sponsored by LLOYD'S REGISTER ASIA	
Session 2: Anti-Corrosion Steel II and Primer Coating chaired by Prof. Osawa (Osaka University, Japan)	
13:30 – 13:55	<i>Prevention of COT Bottom Pitting Corrosion by Zinc-Prime</i> Y. Inohara, T. Komori, K. Kyono, H. Shiomi (JFE Steel Corporation, Japan), T. Kashiwagi (Mitsui O.S.K.Line, Japan)
13:55 – 14:20	<i>Development of Corrosion Resistant Steel for Bottom Plate of COT</i> Y. Inohara, T. Komori, K. Kyono, K. Ueda, S. Suzuki, and H. Shiomi (JFE Steel Corporation, Japan)
14:20 – 14:45	<i>The Third Generation Shop Primer and Japanese Shipbuilding Construction Process</i> Y. Seki, K. Kondou and O. Harada (Chugoku Marine Paint, Japan)
14:45 – 15:10	<i>The Development of Water Based Shop Primers</i> M. Hindmarsh (International Paint, Japan)
15:10 – 15:30 Coffee/Tea	
Session 3: Corrosion chaired by Prof. Shinoda (Kyushu University, Japan)	
15:30 – 15:55	<i>Coating Conditions in Water Ballast Tank, Void Space and Cargo Oil Tank of Aged Ships and Required Performance Standard of Protective Coatings for New Ships</i> T. Murakami, T. Sasaki, M. Kuwajima M. Koori (Shipbuilders' Association of Japan), A. Takada and M. Oka (National Maritime Research Institute, Japan)
15:55 – 16:20	<i>Pitting Corrosion on Epoxy-Coated Surface of Ship Structures</i> T. Nakai, H. Matsushita and N. Yamamoto (Class NK, Japan)
Session 4: Coating Technology chaired by Dr. Blakeley (Royal Institution of Naval Architects)	
16:20 – 16:45	<i>Compositional Analysis of Soluble Salts in Bresle Extraction from Blocks in Newbuilding Shipyards</i> S. S. Seo, S. M. Son, C. H. Lee and K. K. Baek (Hyundai Heavy Industries, Korea)
16:45 – 17:10	<i>Effect of Edge Preparation Methods on Edge Retention Rate of Epoxy Coatings for Ship's Ballast Tanks</i> S. S. Seo, K. K. Baek, C. S. Park, C. H. Lee and M. K. Chung (Hyundai Heavy Industries, Korea)
17:10 – 17:35	<i>Study on the Alternatives to the Secondary Surface Preparation in Protective Coatings</i> N. Osawa (Osaka University, Japan), K. Umemoto (Kawasaki Shipbuilding Japan), Y. Nambu (Universal Shipbuilding, Japan) and T. Kuramoto (Mitsui Engineering and Shipbuilding, Japan)

19:00 – 21:00 Reception/Dinner at Senri Hankyu Hotel

September 7 (Fri) 2007

Session 5: Anti-Fouling Systems I: Environmental Risk Assessment chaired by Dr. Senda (National Maritime Research Institute, Japan)	
09:00 – 09:25	<i>Leaching Phenomena of Antifouling Agent from Ship Hull Paint</i> R. Kojima, O. Miyata, T. Shibata, T. Senda (National Maritime Research Institute, Japan) and K. Shibata (Chiba Institute of Technology, Japan)
09:25 – 09:50	<i>Space and Time Distribution of Antifouling Agent in Aquatic Environment</i> K. Shibata (Chiba Institute of Technology, Japan), V. A. Sakkas (University of Ioannina, Greece), S. Sugasawa, Y. Yamaguchi, F. Kitamura and T. Senda (National Maritime Research Institute, Japan)
09:50 – 10:15	<i>Acute Toxicity of Pyrithione Photodegradation Products to Some Marine Organisms</i> T. Onduka, K. Mochida, K. Ito, A. Kakuno, K. Fujii (National Research Institute of Fisheries and Environment of Inland Sea, Japan) and H. Harino (Osaka City Institute of Public Health and Environmental Sciences, Japan),
10:15 – 10:40	<i>Brand-New Eco-environmental Risks Related with the Body Surface Paintings; The Dissolution of Zink from Painting or Passive Anode and the Translocation of Invasive Aquatic Species through Biofouling of Ships</i> S. Hanayama (Ocean Policy Research Foundation, Japan)
10:40 – 11:00	Coffee/Tee
Session 6: Anti-Fouling Systems II: New Technologies chaired by Prof. Shibata (Chiba Institute of Technology, Japan)	
11:00 – 11:25	<i>Research for the Risk Assessment of Anti-Fouling System</i> E. Yoshikawa (Chugoku Marine Paint, Japan), N. Nagai (Japan NUS), K. Namekawa (Arch Chemicals Japan), K. Shibata (Chiba Institute of Technology, Japan) and T. Senda (National Maritime Research Institute, Japan)
11:25 – 11:50	<i>The Benefits of Foul Release Coatings</i> I. Walker (International Paint Japan)
11:50 – 12:15	<i>Antifouling Systems to Reduce Biocide</i> S. Tashiro, M. Doi, Y. Kiseki and M. Ono (Chugoku Marine Paint, Japan)
12:15 – 13:30	Lunch
Session7: Coatings and Shipyards chaired by Prof. Kato (Osaka University, Japan)	
13:30 – 13:55	<i>A New Prediction Method for Deterioration of the Corrosion Protection System of the Oil Storage Barges</i> H. Sugimoto (Shipbuilding Research Centre of Japan) and Y. Horii (Japan Oil, Gas and Metals National Corporation, Japan)
13:55 – 14:20	<i>Matching the Coating Process to Shipyards Needs</i> R. Kattan (Safinah Ltd., UK)
14:20 – 14:45	<i>Coating and VOC Emission</i> J.P.M. Giesselink (Sigma Coatings North Asia)
14:45 – 15:10	<i>High Solids and Rapid Cure Coatings, U.S. NAVY Perspective and Experience</i> A. A. Webb, P. Slebodnick and B. Brinckerhoff (Naval Research Laboratory)
15:10 – 15:30	Coffee/Tea
Session 8: Regulations and Standards chaired by Mr. Yoshida (National Maritime Research Institute, Japan)	
15:30 – 15:55	<i>SI Technology and its Unique Paint Property</i> N. Sasaki and M. Takayama (Nippon Paint Marine Coatings, Japan)
15:55 – 16:20	<i>Movement in IMO and its Standardization Work</i> S. Imai (Japan Ship Technology Research Association, Japan)
16:20 – 16:45	<i>Corrosion Protection Regulations to Improve Ship's Safety?</i> T. Lohmann and D. Engel (Germanischer Lloyd, Germany)
16:45 – 17:10	<i>Class NK's Course of Action to Protective Coating - Guidelines for Performance Standard for Protective Coating Contained in IMO Resolution MSC.215 (82)</i> T. Matsui (Class NK, Japan)

Closing Remarks by Prof. Kato (JASNAOE/Osaka University)