

Marine News

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March 2010

The start of the year 2010 has been marked with a very successful Pacific 2010 International maritime Conference and also the loss of one of our dedicated members of the IMarEST community and long standing Secretary of the Sydney Branch - Laurie Prandolini.

Vale Laurence James Prandolini

Well known to all his associates as Laurie, he was born in North Queensland and, almost inevitably, became apprenticed to a sugar mills company after finishing school

He went to sea as a Marine Engineer just after the end of World War 2 and sailed in UK ships. As these ships sailed out of London, Laurie learned of the Institute of Marine Engineers early in his career and became a Member, Fellow and Chartered Engineer.

He also studied in London, and obtained his Extra First Class Marine Engineer's Certificate and, subsequently a Degree in Naval Architecture from the University of NSW. Having these qualifications allowed him to obtain a position as Examiner of Engineers with the then Australian Shipping and Transport, and he occupied this position in both Sydney and Newcastle for a number of years.

He was an enthusiastic member of the I.Mar.E and became Secretary of the Sydney Branch, a position he has held since long before the Institute became known as The Institute of Marine Engineering, Science and Technology. After leaving the Department of Transport, Laurie spent a short time as a Consultant in the Sydney office of the Glasgow firm of Y-ARD Ltd on possible designs for the RAN and he also worked at Cockatoo Docks and Engineering Ltd in the position of Commercial Manager.

During all this time, he maintained an active organization and participation in all the activities of the Sydney Branch of The IMarEST and he will be very sadly missed by all the members.

Laurie passed away on 29th January 2010 aged 86. He is survived by his wife Hilda, four children Julia, Denise, Christine and Mark, their partners Graeme, Alan and Ross, nine grand children and five great grand



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Founded 1889. Incorporated by Royal Charter 1933. Licensed body of the Engineering Council (UK) and the Science Council

Europe = Australasia = East Asia = Americas = Middle East

children. Laurie was remembered and farewelled at a Requiem Mass held at Holy Spirit Catholic Church, Cox's Road, North Ryde, on Wednesday 3rd February 2010.

PACIFIC 2010 INTERNATIONAL MARITIME CONFERENCE

The Pacific 2010 International Marine Conference was very successful with more attendees than the 2008 Conference. The Technical sessions too were well attended. We were also favoured with the attendance of Nigel Guild, President-Elect of the IMarEST, London. Altogether the Pacific 2010 was a very worthwhile event.

Don Gillies would also like to place on record his grateful thanks to those who kindly assisted on the Institute Stand, in particular, Neil Connell from Townsville who was in attendance every day from early morning until closure. Thank you, Neil. We were also assisted by Bill Stephens, Sid Cullen, Stuart Ridland, Tony Smith, Denis Green, Bill Bixley, Maurice James and John Julius. The IMarEST Sydney Branch thank you all for your assistance.



Laurie Prandolini (left) with Nigel Guild - President Elect of the IMarEST at a dinner meeting on Thursday 28th January 2010 with the IMarEST Sydney Branch committee members.

SECOND TECHNICAL MEETING

On Wednesday 3 March a combined technical meeting with RINA will be held at Harricks Auditorium which is Engineers Australia's auditorium on the ground floor, 8 Thomas Street, Chatswood. A forum on **“A Forensic Analysis of the Wrecks of HMAS Sydney and HSK Kormoran”** will be presented by John Jeremy, RINA. Refreshments will be served at 6 pm, then the lecture will commence at 6.30 pm.

Shortly after the wrecks of HMAS Sydney and HSK Kormoran were located in March 2008, the Chief of the

Defence Force appointed a Commission of Inquiry constituted by the Hon. Terence Cole QC to inquire into all aspects of the loss of the ship. The Commission appointed the Defence Science and Technology Organisation and the Australian Division of the Royal Institution of Naval Architects to provide expert advice on the technical aspects of the sinking of both ships.

DSTO and RINA set up a team of 12 naval architects, engineers and scientists who examined the many photographs and hours of video taken at the wreck sites by the Finding Sydney Foundation. The team used the most-modern computer analysis tools to simulate the behaviour of HMAS Sydney during and after the battle to determine the most-likely causes for the loss of the ship and the absence of survivors. The study was one of the most thorough ever undertaken of a World War II naval loss.

The presentation will be illustrated with images of the wreck and will show details of the extensive damage to HMAS Sydney. It will outline the findings of the technical team and will describe the probable way the ship sank. The presentation will include graphic video simulation of the famous cruiser in her final moments.

REMAINDER OF TECHNICAL PROGRAMME

07-04-10 A paper on Marine Engines by Eric Clarke, MAN

05-05-10 **“Yacht Match-racing Simulation”** by Andrew Baglin, UNSW

02-06-10 **“Developments in Naval Regulations in the International Naval Safety Association (INSA) And Naval Ship Code”** by Michael Mechanicos, GL.

07-07-10 **“IMOP’s New Goal –based Standards”** by Rob Gehling, Rob Gehling and Associates.

04-08-10 **“Control of Ship Noise: A Stepwise Design Process”** by Yan Tso or Chris Norwood, DSTO.

01-09-10 TBA

06-10-10 **“Marine Biofouling: Current Challenges and Potential Solutions”** by Andrew Scardino or Lyn Fletcher, DSTO.

02-12-10 SMIX Bash 2010 to be held at Darling Harbour.

ANNUAL MEMORIAL SERVICE – Merchant Navy Association

The Annual Memorial Service organised by the Merchant Navy Association will be held on Sunday 11th April 2010, inside the Chapel adjacent to the Merchant Navy Lawn Cemetery and Cenotaph located at the corner of Hawthorne Avenue and Necropolis Drive, Rockwood Cemetery, commencing at 10:30 hours for 11:00 hours. The Annual service will be conducted by the Reverend Ian Porter, Senior Chaplin, Mission to Seafarers, Sydney, and assisted by Sister Mary Leahy of the Stella Maris. The Australian Navy Band will be in attendance.

Please contact Ken Ryder on (02) 9639 8631 who is the Memorial Service organiser for further information and placement of wreaths.

NEXT TECHNICAL MEETING

07-04-10 A paper on Marine Engines by Eric Clarke, MAN