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Obituary David Moor

David Moor died in October 2016 at the age of 89.

David was Superintendent of the Vickers Ship Model Experiment Tank in St. Albans for 30 years and a long time supporter of the ITTC.

He studied naval architecture at Glasgow University and subsequently completed his training by working as a naval architect at Denny Shipbuilders in Dumbarton, Scotland. He then worked at the Denny Tank in Dumbarton and moved to Vickers Ltd. as Superintendent of their tank in St. Albans in 1952.

The St. Albans facility was built in 1910 but had not been altered since. David modernized the equipment and hired and trained staff to operate it. Under his leadership the tank carried out projects initially for Vickers and later for shipbuilders in Britain and around the world. He believed that his success was because he worked for a shipbuilding company and knew what shipbuilders required. He left the tank in 1983 and worked as a consultant until retiring in 1996.

David Moor was the author of many technical papers and was the recipient of many awards including a Gold Medal from the Royal Institution of Naval Architects, a Gold Medal from the North East Coast Institution of Engineers and Shipbuilders and the Parsons Memorial Medal from the Royal Society.

David attended his first ITTC Conference in 1948 as an observer from the Dumbarton tank. He attended the 1954 Conference in his own right and participated in each conference until

1984. He was a member of the Committee on Scale Effects on Propellers and on Propulsion Factors (renamed later to Performance Committee) from 1958 to 1963 and again from 1969 to 1972. Together with Alec Silverleaf he wrote a detailed procedure for resistance and propulsion experiments with ship models which was published in the proceedings of the 1960 Conference. This was the first fully documented comprehensive test procedure published by the ITTC and it is still referenced in procedures today.

He was committed to the improvement of the accuracy, reliability and quality of information the towing tanks provide to their clients. He felt strongly that new methods should not be introduced until they could be clearly demonstrated to give more accurate predictions than earlier methods. He was concerned that the ITTC was developing in such a way that the fundamental objective of making predictions of performance of actual ships for clients was in danger of being lost among the many topics of ship hydrodynamics research being addressed by technical committees. He was a founding member of the Advisory Council in 1972.

His speech at the Conference Dinner in Edinburgh in 2005 was a personal history of his association with the Conference. The final sentences in his talk, published in the proceedings of the 2005 Conference, are I think a fitting conclusion to this short obituary:

"I am proud to have been a tank superintendent and a member of the ITTC. My lasting memory is of a great deal of fascinating work

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accompanied by a lot of fun together in places we might otherwise not have visited, all leading to enduring personal friendships across many frontiers”.

David Murdey

Obituary F. Mary Williams

The following brief note has been written to be accordance with her wish that a full obituary not be published.

Mary Williams died last year. She was a member of the Ice Committee from 1983 to 1987. She was, I believe, the first woman to be appointed to an ITTC technical committee. She also served as Americas Rep. and Chair of the EC for the Rio Conference in 2011.

David Murdey

NMRI 100th Anniversary

On the occasion of National Maritime Research Institute's (NMRI) 100th anniversary, the EC Chairman sent the following greeting:

On behalf of the International Towing Tank Conference (ITTC) it is my pleasure and honour to congratulate NMRI on their 100th anniversary.

Already in the 1st Conference 1933, the Teishinsho Tank was mentioned, and in 1934, at the 2nd Conference, Mr. Yamagata gave a presentation of work done on the effect of the aft body form on the propulsive efficiency. This was followed in 1935, at the 3rd Conference in Paris, by an impressive presentation of the Togino Optical Torsion Meter developed by NMRI for measuring shaft torque during sea trials. Again in 1937 in Berlin, Mr. Yamagata contributed with a presentation on wake measurements by working propeller so, all in all, NMRI has been quite active in ITTC from the very beginning.

In the 9th Conference in Paris 1960, Shiro Kan was a member of the Committee on Seagoing Qualities of Ships. When the testing of ships in waves (also oblique waves) caught speed in the 50'es, NMRI was among the first to build a large facility for wave testing, scheduled to be completed in 1960, an impressive 80 by 80 m basin equipped with 20 ea. 4 m wide electrically

driven wave flaps. Since then, NMRI has continuously supplied between 1 and 3 members to ITTC committees, indeed giving a very impressive contribution to ITTC's activities. Just to name some, we have had Kan, Yamanouchi, Ito, Tsuchida, Yokoo, Takahashi, Kitagawa, Sugai, Takaishi, Koyama, Ukon, Kodama, Ishida, Hinatsu, Hino, Sasaki, Tanizawa, Tsujimoto and Fujiwara. The latter three are members of present committees of the 28th ITTC.

In 1972, NMRI became member of the first Advisory Council of ITTC, represented by Yasuhumi Yamanouchi, and NMRI has been an active member of the AC ever since, with Shotaro Uto as the present member.

The ITTC conference has been held in Japan three times, in 1966 in Tokyo, 1987 in Kobe and 2008 in Fukuoka. NMRI has been actively involved in the organization of all three.

Personally, I have got a lot of good acquaintances – I would say friends - within the ITTC community from NMRI.

ITTC thanks NMRI for its valuable contribution to ITTC work and wishes all the best for the future!

Sincerely yours,

Zhenping Weng
Chairman of Executive Committee, ITTC

MARINTEK becomes SINTEF OCEAN

[SINTEF Ocean, a new company following the merger of MARINTEK with other institutions](#)

In November 2016, the Extraordinary General Meetings of the Norwegian Marine Technology Research Institute (MARINTEK) and SINTEF Fisheries and Aquaculture decided to merge the two limited companies into a new private limited company. The new company became operative from 1 January 2017. The Department for Environmental Technology in SINTEF Materials and Chemistry is also transferred to the new company.

The name of the new company is SINTEF Ocean AS. The company has 340

employees and is an integrated part of SINTEF, owned by strong and motivated industry players.

Background

SINTEF has great ambitions for ocean research and innovation. To strengthen our focus, SINTEF united several of its units into one common company for ocean research.

Many of the challenges of modern society can be solved through sustainable use of the ocean. For a long time, SINTEF has been a distinct and important partner for trade and industry and the authorities, and we aim to be on the leading edge to develop future-oriented solutions. Previously, the ocean-related activities in SINTEF were distributed among several of the research group institutes. By joining our forces in this area, we aim to become an even better partner for authorities and customers in ocean industries. We share a common ambition to continue Norway's leading position in marine technology and biomarine research. This requires a multidisciplinary and holistic focus. The merger is also an important step in our work to realise a future **Ocean Space Centre**, which has been highlighted by the Norwegian government as a priority R&D area in the years ahead.

Ocean Space Centre will include new high-class laboratories. In order to bring forth more knowledge of complex relationships in ocean space and improve our ability to find solutions to the great challenges we face, we need an infrastructure. This is the underlying concept of the Ocean Space Centre, which will offer us the possibility of studying central problems related to the ocean that are of great importance for the environment and the climate for a balanced exploitation of marine and maritime resources, for access to energy and for the development of the high north. Norway has special international obligations as regards the management of marine resources, not least in these regions.

We hope to continue our good cooperation with customers and suppliers in the future.

Website

www.sintef.no/ocean

New e-mail addresses:

Company e-mail: ocean@sintef.no

Personal e-mail addresses: *name.surname@sintef.no*

Facilities Catalogue on ITTC website

As mentioned in ITTC News No. 65, the new ITTC website will contain an updated catalogue of test facilities operated by ITTC members. Up to now, about half of the members have either updated their facilities descriptions or have confirmed that the old descriptions may be used. The catalogue is organised such that the reader may search for specific types of facilities, and a world map gives an easy link to the geographical location of the facilities and to the more detailed description of the facilities. You should try to look at the catalogue on www.itc.info/facilities and, if your facility is not included, send the ITTC Secretary the updated facilities descriptions or confirm that the old descriptions may be used.