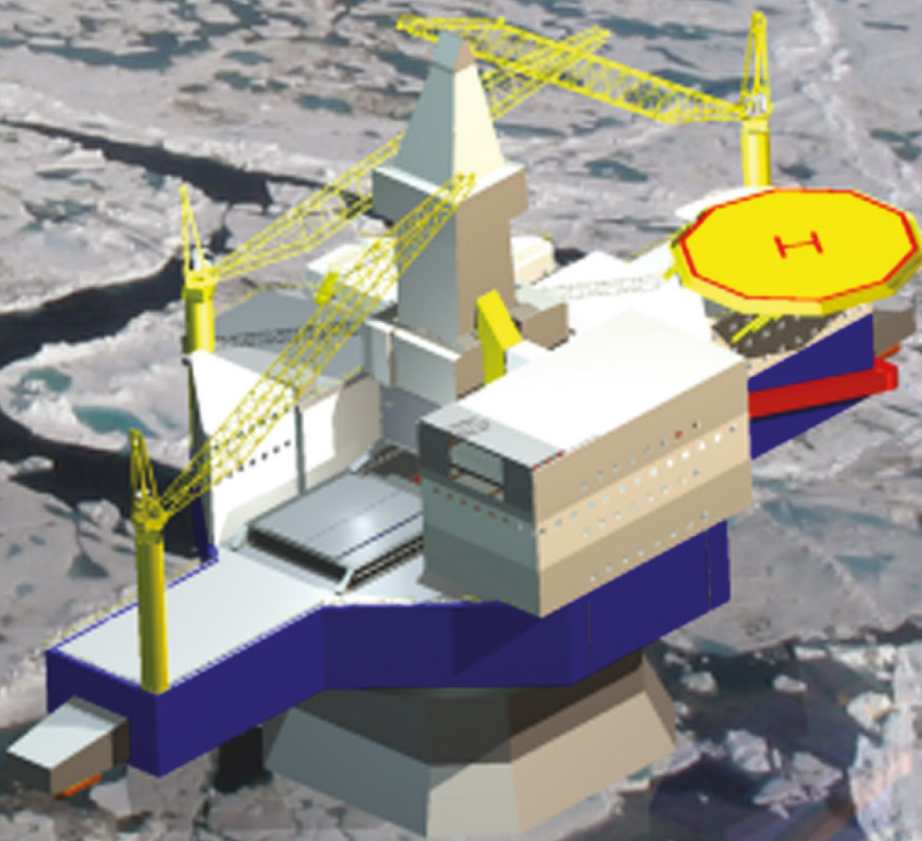


TECHNOLOGY
REVIEW **2009**



- 98 Oil-water Interaction Study on the Concept of a Wet Subsea Storage Tank** Theoretical and experimental investigation on the feasibility of a wet subsea storage tank
- 107 Marine Emissions: Issues, Challenges and Potential Solutions** Control and reduction of marine emissions is an essential task which requires immediate attention
- 115 New Concrete for Offshore Structures** Breakthrough in concrete technology allows the production of impermeable, lightweight and high strength concretes suitable for offshore applications
- 123 Integrated In-Situ Soil Testing Device for Jackup Rigs** New approach for seabed characterisation towards safe installation of jackup rigs
- 130 Sizing, Installation and Performance of Photovoltaic Power Plants** Annual energy savings of 76,500kWh and estimated "avoided CO₂" emission of 1,300 tonnes over 25 years



Editorial Note

It is an honour to be involved in this first publication by KOMtech. Technology Review 2009 summarises research work carried out by KOMtech over the past 12 months. The objectives are to stimulate further thoughts and innovations among readers, and showcase competencies available in KOMtech. The scope covers emerging technologies related to the offshore and marine industry. The papers are written for engineers and are intended for business and technology decision makers. The opinions expressed in the papers are the views of the researchers at this point in time while future studies are still on-going. They may not represent the official position of KOMtech. Every attempt has been made to ensure accurate and factual-representation of the topics presented.

For the first issue of this publication, the task of the editorial committee has been a challenging one; firstly to conceptualise the direction of this journal and then to carry out uncompromisingly to achieve a high standard in all the articles. What you have in your hand is the result of the hard work put in by the authors as well as the editorial committee. Without their dedication and comradeship, the publication of this journal would not have been possible.

I would like to express my sincere thanks to all the authors and committee members, and look forward to our continuing and successful collaboration.

Yours truly,
Edgar Lim
Chairman, Editorial Committee

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