



***KINGDOM OF SAUDI ARABIA  
NEW HYDROGRAPHIC VESSEL FOR THE FACULTY  
OF MARITIME STUDIES OF THE KING ABDULAZIZ UNIVERSITY***



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***THE INTERNATIONAL HYDROGRAPHIC CONFERENCE  
- HYDRO2011-  
HOSTED BY THE AUSTRALASIAN SOCIETY***



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***ADDRESS BY THE CHIEF OF THE NAVAL STAFF,  
ADM. NIRMAL VERMA, AT THE INTERNATIONAL  
HYDROGRAPHIC SEMINAR - HYDROIND 2011  
IN NEW DELHI - 03 MAR 11***

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The King Abdulaziz University was founded in 1967 in Jeddah, Kingdom of Saudi Arabia. It was initially established as a private university by a group of businessmen and converted to a State University in 1971.

One of the faculties of the University is the Faculty of maritime studies, which has four departments: Marine Engineering, navigation hydrography, port and maritime transportation. The faculty objectives are:

- Quality education in science and marine studies to support the needs of the community in various bodies of marine
- Follow-up of various marine phenomena and their regional and local
- Community awareness in the areas of maritime studies and environmental requirements through the establishment of seminars and campaigns to preserve the environment.

One of the latest development of the King Abdulaziz University, particularly its Faculty of maritime studies has been the launch of its "**first hydrographic surveying vessel**" named < **KAU-Hydrography-1** > capable of conducting hydrographic surveys in the open sea with the most modern equipment. She carries multi-beam, single-beam, side scan, ROV, sub-bottom profiler, GPS RTK, DGPS Seatex Seapath 200RTK and more.

This new capability offers a substantial support to the Hydrographic Survey Training Course conducted at the Faculty; contributes to scientific research projects of National and International interest as well as provides service to the national maritime community in general. To be particularly noted are the capabilities of this hydrographic vessel that allows the Faculty of maritime studies to study the sea floor bathymetry following the standards set up by the International Hydrographic Organization. Data collected can contribute to the production of reliable new nautical charts or to improve the quality of the existing charts. This is a concrete contribution to accomplish SOLAS regulations under IMO monitoring.

The characteristics of the < **KAU-Hydrography-1** > are:

Length	<b>15.5m</b>	Breathe	<b>5m</b>	Max Draft	<b>1,46m</b>
Max Speed	<b>6 Knots</b>	Cruising speed	<b>10 Knots</b>	Gas oil	<b>4 tons</b>
Fresh water	<b>2 tons</b>	Range	<b>1200 NM - 5days</b>	Surveying range	<b>6 at 20 days</b>
Hull :	<b>catamaran</b>	Gross tonnage GRT	<b>36 T</b>	Engines	<b>02 volvo 420hp</b>

