

42ND OCEAN MAPPING GROUP MULTIBEAM COURSE
CO-HOSTED BY THE MARITIME AND PORT AUTHORITY OF SINGAPORE

Introduction

As part of its objectives to raise the standards of hydrography in the East Asia region through hydrographic training, the Maritime and Port Authority of Singapore (MPA) is pleased to announce that it will be co-hosting the 42nd Ocean Mapping Group Multibeam Course in Singapore. The course will be held from 20-25 November 2006 at Furama City Centre Hotel, Singapore.

Course Background

The Multibeam Course was originally developed in 1994 to provide theoretical and practical training to users of marine multibeam survey systems. Since then, over 40 successful and oversubscribed courses have been run worldwide and the Multibeam Course has become internationally recognised as one of the world's most comprehensive multibeam survey courses.

The Multibeam Course is conducted by expert instructors from the Ocean Mapping Group (University of New Brunswick) and the Center for Coastal and Ocean Mapping (University of New Hampshire).

Course Description

The Multibeam Course is a 36-lecture, 6-day course primarily designed to provide a theoretical and practical background in marine multibeam survey technology and techniques. The information is tailored for those using marine multibeam survey systems in both the traditional hydrographic survey field (for safety of navigation and nautical charting) as well as non-traditional ocean survey fields (such as continental shelf boundary delimitation, offshore engineering, harbour dredging, fisheries habitat, route survey and scientific research fields).

The aim of the Multibeam Course is to prepare and train experienced hydrographic surveyors in the use of multibeam sonar systems. In particular the Multibeam Course is designed to provide overviews of:

- the technology and problems associated with shallow water multibeam surveys;
- processing and visualization techniques designed to address the complexities of multibeam mapping; and
- constraints on using multibeam bathymetry to produce hydrographic quality data.

While the emphasis is on "coastal surveying", this is primarily a response to the greater demands placed on the surveying hardware in the spatially and temporally variable environment in the inner continental shelf and immediate coastal zone. Nevertheless, the material presented includes, and is equally applicable to, the multibeam bathymetric data collected in the outer continental shelf and deep-ocean.

Course Registration and Information

Course enrolment is limited and the 42nd Ocean Mapping Group Multibeam Course will be the only course in Asia-Pacific Region for 2006. The registration fee of USD3,250/- includes all course materials and lunch for all 6 days (but excludes accommodation). Accommodation is available at the venue from SGD168+++ per night (including breakfast). The booking for the accommodation will be co-ordinated by the course organizers, but payment is to be made directly to hotel.

For more information and to receive a copy of the registration form, please contact either of the following persons:

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