

**INTERNATIONAL HYDROGRAPHIC
ORGANIZATION**



**ORGANISATION HYDROGRAPHIQUE
INTERNATIONALE**

IHB File No. TA-6-1

**CIRCULAR LETTER 23/2006
21 February 2006**

**MULTIBEAM COURSE -
CO-HOSTED BY THE MARITIME AND PORT AUTHORITY OF SINGAPORE (MPA)**

Dear Hydrographer,

The IHB is pleased to inform you that the Maritime and Port Authority of Singapore (MPA) will co-host the 42nd Ocean Mapping Group Multibeam Course in Singapore from 20 to 25 November 2006. Details of the course are provided in the enclosure and are also available from the Capacity Building section of the IHO Web site, under "Training Opportunities".

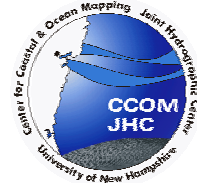
On behalf of the Directing Committee
Yours sincerely,

A handwritten signature in purple ink, appearing to read "A. Maratos", is written over a light blue rectangular background.

Vice Admiral Alexandros MARATOS
President

Encl: 42nd Ocean Mapping Group Multibeam Course Announcement.

42nd Ocean Mapping Group Multibeam Course



Co-hosted by:
The Maritime and Port Authority of Singapore (MPA)

When and where:
20 to 25 November 2006
Furama City Centre Hotel, Singapore

Highlights:

- World recognised course of excellence, including 36 course lectures and approx. 2500 double sided pages lecture notes;
- Lectures provided by four world renowned swath specialists;
- Based on a track record of over 40 previous successful (oversubscribed!) courses run worldwide.

Topics Covered:

- Review of underwater acoustics and overview of acoustic seabed mapping systems;
- Multibeam principles and multibeam calibration methods;
- Positioning and motion compensation for multibeam surveys;
- Multibeam survey planning;
- Data structures and multibeam data processing;
- Seabed acoustic backscatter and characterization;
- Visualisation methods and quality control.

Cost:

Course enrolment is limited and this will be the only course in Asia-Pacific Region for 2006. The registration fee of USD3,250.00 includes all course materials and lunch for all 6 days (but excludes accommodation). Accommodation is available at the venue from SGD125.00 per night (additional SGD15.00 for breakfast). The booking for the accommodation will be co-ordinated by the course organisers, but payment is to be made directly to hotel. Details of the venue can be found at the following web page:

<http://citycentre.furama.com>

More Details and Registration:

If you are interested in learning more and receiving a registration form, contact either of the following:

Lindsay Gee

Tel : +1 603 431 1773
Fax : +1 506 454 0352
Email : lgee@ivs3d.com

Thai Low Ying-Huang

Tel : +65 6375 1560
Fax : +65 6278 7646
Email : Ying_Huang_THAI_LOW@mpa.gov.sg

**42nd Ocean Mapping Group Multibeam Course - Registration
Singapore
20 to 25 November 2006**

Enrolment is limited; registration is being accepted on a first-come basis.

Name : _____

Company : _____

Address : _____

Phone : _____

Fax : _____

E-mail : _____

Accommodation Required: YES NO

Accommodation has been arranged at the course venue at a cost of SGD125.00 per night (additional SGD15.00 for breakfast). Please indicate above if required.

Course fee is USD3,250.00 and the full payment or a deposit of USD1,500.00 will guarantee a space. Balance due by 1 October 2006.

An invoice will be issued upon registration

Proposed method of Payment: (please circle one)

- **Check**
Check payable to “**HydroMetrica Limited**”. All payments must be in USD.
- **Wire Transfer**
Information for payment by wire transfer will be included on the invoice.
- **Credit Card**
Visa and Mastercard accepted.

Briefly describe your past experience with Multibeam Sonar System; and/or

Future plans for work with Multibeam System.

Please email or fax your registration form to:

Lindsay Gee

Tel : +1 603 431 1773

Fax : +1 506 454 0352

Email : lgee@ivs3d.com