Dear Hydrographer,

1 The IHB is pleased to inform you that the Norwegian Hydrographic Service will co-host the 50th UNB-OMB / UNH-CCOM Multibeam Sonar Training Course in Stavanger, Norway, from 16 to 21 March 2009.

2 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,

Captain Hugo GORZIGLIA
Director

Encl: 50th UNB-OMB / UNH-CCOM Multibeam Sonar Training Course Announcement.
50th UNB-OMB / UNH-CCOM
Multibeam Sonar Training Course
Stavanger Norway, March 16 to 21, 2009

Co-hosted by
The Norwegian Hydrographic Service

When: From 0800H Monday 16 March 2009
To 1630H Saturday 21 March 2009

Where: Victoria Hotel,
Skansegaten 1, 4006 Stavanger, Norway
http://www.victoria-hotel.no/engelsk/index.cfm
[58° 58' 23.34"N, 5° 43' 47.53"E]

Cost: The registration fee is USD 3,800 which includes course
materials and lunch for 6 days, but not accommodation.

Accommodation: Is available at the Victoria Hotel
http://www.victoria-hotel.no/engelsk/index.cfm
from NOK1245 /night (single); NOK 1495 /night (double)
Breakfast is included.

For Bookings, contact hotel by 11 February 2009 at
mailto:victoria@victoria-hotel.no
Tel: +47 51 86 70 00
Fax: +47 51 86 70 10

For more details, do not hesitate to contact:

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Course Description

This six-day, 36-lecture course is designed to provide a theoretical and practical background in marine swath survey technology and techniques for hydrographic surveys, continental shelf boundary delimitation, offshore engineering, harbour dredging, fisheries habitat, route survey and scientific research, and provides overviews of:

• the technology and problems associated with shallow water multibeam surveys,
• processing and visualization techniques designed to address the complexities of swath mapping,
• constraints on using swath bathymetry to produce highest quality data.

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Advance preparation by attendees

This course is very intensive and fast-paced. Attendees come from various backgrounds and some have found they benefited from some pre-reading for the course. There is no mandatory preparation but we recommend the following resources be consulted by those feeling the need for such preparation:

Available at no cost:

International Hydrographic Organization Publication M-13 Manual on Hydrography (2005, corrected May 11, 2007), particularly chapters 2, 3, 4 and 7
http://www.iho.shom.fr/PUBLICATIONS/download_M13.htm

L3 Seabeam's Multibeam Sonar Theory of Operations Manual at
http://www.mbari.org/data/mbsystem/formatdoc/
(scroll down to “How Mapping Sonars Work” for 7 downloadable pdf files)


http://www.vssd.nl/hlf/landmeet.html#hydro

The MB-System Cookbook

Available for purchase:

https://eserv.asprs.org/eseries/source/Orders/index.cfm

http://www.springer.com/west/home?SGWID=4-102-22-2225124-0&changeHeader=true

http://www.peninsulapublishing.com
Registration Form
50th UNB-OMB / UNH-CCOM Multibeam Sonar Training Course
Stavanger Norway, March 16 to 21, 2009

Instructions:
Manual method - print this page, fill in, and fax to +1-506-454-0352.
Acrobat method - download free Acrobat Reader <http://www.adobe.com/go/reader>,
open this document and fill in under Acrobat, save and email to <dew@unb.ca>

Name: ________________________________
Company: ________________________________
Address: ______________________________________
____________________________________
____________________________________
Phone: ________________________________
Fax: ________________________________
E-mail: ________________________________

Briefly describe your past experience with Multibeam Sonar Systems; and/or
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future plans for work with Multibeam Systems.
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