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Circular Letter No. 33/2002
3 September 2002

GEBCO CENTENARY CELEBRATIONS

“Charting the secret world of the ocean floor. The GEBCO Project 1903-2003-“
Monaco, 14-16 April 2003

Dear Sir or Madam,

We would like to inform you that the Centenary commemoration of the General Bathymetric Chart of the Oceans (GEBCO), which was initiated by Prince Albert 1er of Monaco, will take place in Monaco on 14-16 April 2003. The whole event will include a Conference, a commercial exhibition, a technical ocean mapping exhibition, social events, ships visits, and the unveiling of a commemorative plaque. This event is jointly organized by the International Hydrographic Organization (IHO) and the Intergovernmental Oceanographic Commission (IOC), with contribution from the Government of Monaco, through a Centenary Organizing Committee chaired by Sir Anthony Laughton, Chairman of GEBCO. It is planned that the GEBCO Centenary Conference will be opened by Prince Rainier or Prince Albert.

The Conference Programme, which will embrace the history of GEBCO and its development to the present day, is being prepared by a Conference Committee chaired by Dr Michael Loughridge, Director of the IHO Data Centre for Digital Bathymetry. The Programme will include keynote speakers followed with technical and scientific presentations. A provisional Conference Programme is provided at Annex A. More information can be obtained from the GEBCO website (www.ngdc.noaa.gov/mgg/gebco/gebcocentenary.html).

It is anticipated that the Conference will be attended by more than 300 participants and the Government of Monaco has kindly offered to make available a suitable venue for the Conference. Simultaneous translation in English and French will be provided.

The Conference Organizing Committee has set up a fee of US\$ 100,00 for each attendee. However, the IHB is working on to possibly provide one free admittance for each IHO Member State.

We would appreciate if you could inform the IHB on whether you plan to attend this event, as well as on the potential visit of hydrographic/oceanographic ships at this occasion, by the end of October 2002. Block bookings have been made in several hotels in Monaco (see Annex B) and early reservations can already be secured by sending the hotel booking form in Annex C directly to the hotel selected, with a copy to the IHB (info@ihb.mc, Attn: Ms M. Mollet), after having completed the upper part of the form. Member States may also wish to consult the following web site where a list of hotels in Monaco and surrounding area can be found: www.monte-carlo.mc/us/annu/hotels.html

Additional practical information on this event will be provided as soon as available.

On behalf of the Directing Committee

Rear Admiral Alexandros MARATOS
President

**GEBCO CENTENARY CELEBRATIONS
MONACO, 14-16 APRIL 2003**

Provisional Conference Programme

Monday 14 April

TIME	SUBJECT	Prospective Authors/Speakers
1000 - 1020	OPENING SESSION	
	Welcome	Sir Anthony Laughton, Chairman, GEBCO
	Opening of the Conference	Prince Rainier
	Address	Executive Secretary IOC
	Address	President of the IHB Directing Committee
1020 - 1040	GEBCO – THE BEGINNING - I	
	A1. The Role of Prince Albert I of Monaco in initiating the GEBCO, and the development and publication of the 1 st & 2 nd Editions.	Jacqueline Carpine-Lancre
1040 - 1120	COFFEE	
1120 - 1200	GEBCO – THE BEGINNING - II	
	A2. Knowledge of the deep ocean by the end of the 19th century, leading up to the decision taken in 1899 at IGC-VII to compile a world series of bathymetric charts	Margaret Deacon or Eric Mills (TBD)
	A3. Transfer of responsibilities to the IHB, and development and publication of the 3 rd & 4 th Editions	Adam Kerr or French Speaker
1200 - 1400	LUNCH	

1400 - 1500	GEBCO – THE EARLY YEARS	
	B1. Overlooked events in the history of GEBCO B2. Co-sponsorship with the IOC B3. Impact on ocean mapping of post-war revolution in marine geology	Jacqueline Carpine-Lancre Desmond Scott Sir Anthony Laughton
1500 - 1530	BREAK	
1530 - 1610	GEBCO – END OF A CENTURY	
	C1. A different approach for the GEBCO 5th Edition C2. Into the digital age - the GEBCO Digital Atlas (GDA)	David Monahan Dr Meirion Jones
1610 - 1700	THE INFLUENCE OF SCIENCE AND TECHNOLOGY ON OCEAN MAPPING	
	D1. Ocean morphology as a key indicator of the geological evolution of the oceans D2. Technical Developments in depth measurement techniques and position determination. (to cover mid 60's to mid 70's)	Dr Xavier Le Pichon Dave Wells
1830	Reception by the IHB	

Tuesday 15 April

TIME	SUBJECT	Prospective Authors/Speakers
0930 - 1030	DATA MANAGEMENT AND MANIPULATION	
	E1. Data collection, compilation, archiving and distribution	Brian Harper and Dr. George Sharman
	E2. Interpretation, interpolation and contouring of sparse sounding data	Dr Hans-Werner Schenke
	E3. Creating a Digital Terrain Model (gridded data base) from manually contoured sparse sounding data	Dr Mike Carron
1030 - 1100	COFFEE	
1100 - 1200	LAW, COMMERCE, AND FISHERIES	
	F1. The role of bathymetry in international maritime law and in the provisions of the U.N. Convention on the Law of the Sea	Rear Admiral Neil Guy
	F2. Commercial drivers for improved ocean floor charts	Don Hussong
	F3. Bathymetric Requirements for fisheries research	TBD
1200 - 1400	LUNCH	
1400 - 1500	<i>NEED SESSION TITLE</i>	
	G1. Principles and Applications of ocean feature nomenclature	Dr Bob Fisher and Michel Huet
	G2. Geodetic Transformations – A case study: Conversion from Tokyo Datum to WGS-84	Shin Tani
1500 - 1530	BREAK	

1530 – 1700	APPLICATIONS AND IMPLICATIONS OF BATHYMETRIC DATA	
	H1. The impact of ocean morphology on the dynamic modelling of the oceans, including climate and tsunami prediction	Christian Le Provost
	H2. Using multibeam bathymetry to investigate the architecture of the ocean crust	Dr. Marie-Helene Cormier
	H3. Bathymetry's influence on ocean circulation dynamics	Dr. Sarah Gille
1830	Reception by Monaco Government	

Wednesday 16 April

TIME	SUBJECT	Prospective Authors/Speakers
0930 –1015	OCEAN MAPPING IN THE 21ST CENTURY - THE FUTURE - I	
	I1. A look to the future	Dave Monahan
	I2. International Bathymetric Chart of the Arctic Ocean – a new direction for ocean mapping	Dr. Ron Macnab and Dr. Martin Jakobsson
1015 - 1045	COFFEE	
1045 –1215	OCEAN MAPPING IN THE 21ST CENTURY - THE FUTURE - II	
	I3. Use of satellite data to enhance interpretations based on sparse sounding data.	Dr. Walter Smith
	I4. Acoustic imagery and seafloor characterisation	Dr Chris de Moustier
	I5. New frontiers in sea floor mapping and visualisation	Dr. Larry Mayer
1215 - 1230	CLOSURE OF THE CONFERENCE	Sir Anthony Laughton

**GEBCO CENTENARY CELEBRATIONS
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List of Hotels – Monaco / France

HOTELS	Number of rooms	Single room (Euros)	Double Room (Euros)	Comments
Columbus Monaco 23 Ave des papalins Tel : 377 92059000 Fax : 377 92059167 imacconi@colombus.mc	50	210	220	4-Star hotel. Breakfast included.
Hotel Alexandra 35 Bd P.Charlotte MC Tel 377 93506313 Fax 377 92160648 hotelalexandra@imcn.net	45	103	130	3-Star hotel. Breakfast included. Rooms with bath or shower. No restaurant.
Hotel Balmoral 12 Ave de la Costa MC Tel 37793506237 Fax 37793150869 resa@hotel-balmoral.mc	50	80	100	3-Star hotel. +15 for Breakfast. Rooms with bath or shower with or without sea view. Restaurant (closed Sunday evening and Monday).
Hotel Ambassador 10 avenue prince Pierre MONACO Tel : 377 97979696 Fax : 377 97979699 info@ambassadormonaco.mc >	25	120	120	3-Star hotel. Breakfast included.
Hotel Terminus 9 Ave Prince Pierre MONACO Tel 37792056300 Fax 37792052010 tulipinn-terminus@monte-carlo.mc	20	100	145	3-Star hotel. Breakfast included. Rooms with bath or shower. Restaurant.
Hotel de France 6 rue de la Turbie MONACO Tel 37793302464 Fax 37792161334 hotel-france@monte-carlo.mc	13	69	88	2-Star hotel. Breakfast Included. Rooms with shower.

HOTELS	Number of rooms	Single room (Euros)	Double Room (Euros)	Comments
Hotel Le Versailles 4 rue Prince Pierre MONACO tel : 377 507934 Fax : 377 93255364 hotel-versailles@monte-carlo.mc	10	80	90	3-Star hotel. +8 for Breakfast. Rooms with bath or shower. Restaurant.
Hotel Forum Place des Moneghetti 06240 Beausoleil Tel : 33 4 93 789636 Fax : 33 4 93789638 info@forumhotel.net	20	90	100	3-Star hotel. Breakfast Included.
Hotel Diana 17 Bld G.Leclerc Beausoleil Tel 0033493784758 Fax 0033493418894	10	46		2-Star hotel. +6 for Breakfast.

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Hotel Reservation Form

To be returned to the Hotel selected :

Name of the Hotel: Fax / E-mail	Copy to be sent to the : International Hydrographic Bureau 4 Quai Antoine 1er MC 98000 Monaco Cedex Principality of Monaco Fax: 00 377 93 10 81 40 E-mail: info@ihb.mc
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Name: _____

Government, Organization or Company: _____

Address: _____

Tel.: _____

Fax: _____

E-mail: _____

Conference Attendee

Exhibitor

Date of Arrival: _____ Date of Departure: _____

Single Room

Double Room:

Double Bed

Twin beds

Date: _____

Signature: _____

