



4, Quai Antoine 1er  
B.P.445 - MC 98011 MONACO Cedex  
PRINCIPAUTE DE MONACO

IHB File No. S3/0128

29 June 2006

**HCA Letter No. 3/2006**

**To:** Members and Observers of the IHO Hydrographic Committee on Antarctica (HCA)  
(see list in **Annex A**)<sup>1</sup>

**Subject:** 6th HCA Meeting, Punta Arenas, Chile, 6-8 November 2006  
a) Hotel Information and Registration  
b) Final Provisional Agenda, Annotated Agenda and Timetable  
c) Update on Actions agreed at HCA5  
d) Signature of HCA Statutes

**References:** HCA Letter No 2/2006 dated 11 April 2006.

Dear Sir or Madam,

1. Hotel Information and Registration:

The Local Committee has provided us with the information on Hotels located close by, almost all within walking distance of the INACH (Instituto Antartico Chileno), where HCA6 Meeting will take place. Please feel free to contact directly any of the Hotels indicated in **Annex B** and make your own reservations at your earliest convenience. We kindly invite you to complete the attached Registration Form provided in **Annex C**, and send it back to the following e-mail addresses before **20 September 2006**: [jfleming@shoa.cl](mailto:jfleming@shoa.cl) and [pvicuna@inach.cl](mailto:pvicuna@inach.cl); copy to [mhuet@ihb.mc](mailto:mhuet@ihb.mc); [info@ihb.mc](mailto:info@ihb.mc) to keep our hosts in Chile and the IHB well informed of the planned participants.

2. Updated Agenda, Annotated Agenda and Timetable:

The provisional agenda circulated with HCA Letter 2/2006 has not been amended and therefore it should be considered as the Final Provisional Agenda for the meeting, **Annex D**. An Annotated Agenda providing a brief explanation of each item has been prepared as well as a Timetable. Both documents are provided as **Annex E** and **Annex F**, respectively.

3. Update on Actions agreed at HCA/5:

An updated status of the Actions List from HCA/5 is at **Annex G**. As you will see, most of the actions for the IHB have been completed or are in hand. The IHB will act on the pending issues so that they can be completed as soon as possible. Your attention is drawn to the following pending actions for HCA members:

- Action 1: Production of INT 909, 9062 and 9105. Written confirmation from USA on whether they can produce these charts is still awaited. However, since the IHB has been verbally informed that NGA is not in a position to produce them, HCA Members are invited to consider

---

<sup>1</sup> This letter is sent by e-mail only. However, paper copies will be mailed on request to the IHB ([info@ihb.mc](mailto:info@ihb.mc))

undertaking the production of one or several of these charts, and to report on this issue at HCA/6.

- Action 5 : Nomination of candidates to IBCSO. HCA Member States are reminded to consider nominating candidates at their earliest convenience and to inform the IBCSO Chair (Hans Werner Schenke, [hschenke@awi-bremerhaven.de](mailto:hschenke@awi-bremerhaven.de)), accordingly.
- Action 9 & 10 : Submission of data for review of S-55 & Regular review of S-55 information. HCA Member States are requested to provide relevant S-55 updated data to the IHB (Attn: Cdr. Steve Shipman, [sshipman@ihb.mc](mailto:sshipman@ihb.mc)) at their earliest convenience and to report on this issue in their national reports to HCA/6.
- Action 21: Australia is kindly reminded of their task to monitor the preparation of the necessary amendments to the HCA Statutes, to enter into force at the same time as the amended Convention, for review and approval at HCA/6.

#### 4. Signature of HCA Statutes

Unfortunately no progress has been made so far as regards the signature of the HCA Statutes, by those MS which have not yet done so. The countries with “Pending Confirmation Membership” are listed separately in **Annex A**. Once again, they are invited to consider signing the Statutes at their earliest convenience, by sending a copy of the HCA Statutes (available from the HCA page of the IHO website), to the IHB duly signed. It should be stressed that only the signatory HCA members attending the 6<sup>th</sup> HCA meeting will be entitled to vote, should the need to do so arise during the meeting.

Thank you for your attention.

Captain Hugo M. GORZIGLIA  
IHB Director and Chairman of HCA

Enclosures:    Annex A – HCA Membership and Observer List  
                  Annex B – Hotels  
                  Annex C – Registration Form  
                  Annex D – Final Provisional Agenda  
                  Annex E – Annotated Agenda  
                  Annex F – Timetable  
                  Annex G – Update on Actions agreed at HCA/5

**HCA MEMBERSHIP AND OBSERVERS LIST**  
(July 2006)

I. Members	Name	E-mail
<b>Argentina</b>	Capt. Raúl Eduardo BENMUYAL	<a href="mailto:dhidro@hidro.gov.ar">dhidro@hidro.gov.ar</a>
<b>Australia</b>	Capt. Rod NAIRN ( <i>Vice-Chairman</i> )	<a href="mailto:Rod.Nairn@defence.gov.au">Rod.Nairn@defence.gov.au</a>
<b>Chile</b>	Capt. Jorge IBARRA Rodriguez	<a href="mailto:shoa@shoa.cl">shoa@shoa.cl</a>
<b>China</b>	Capt. LIU Gongchen	<a href="mailto:hydro@msa.gov.cn">hydro@msa.gov.cn</a>
<b>France</b>	Ing. Gén. Gilles BESSERO	<a href="mailto:Gilles.Bessero@shom.fr">Gilles.Bessero@shom.fr</a>
<b>Germany</b>	Dr. Peter EHLERS	<a href="mailto:peter.ehlers@bsh.de">peter.ehlers@bsh.de</a>
<b>Greece</b>	Comdre. H.N. Anastásios SKLAVÍDIS	<a href="mailto:director@hnhs.gr">director@hnhs.gr</a>
<b>India</b>	Radm B.R. RAO	<a href="mailto:nho@sancharnet.in">nho@sancharnet.in</a>
<b>Italy</b>	Radm. Pierpaolo CAGNETTI	<a href="mailto:iim.sre@marina.difesa.it">iim.sre@marina.difesa.it</a>
<b>New Zealand</b>	Mr. John SPITTAL	<a href="mailto:jspittal@linz.govt.nz">jspittal@linz.govt.nz</a>
<b>Norway</b>	Mr. Frode KLEPSVIK	<a href="mailto:Frode.Klepsvik@statkart.no">Frode.Klepsvik@statkart.no</a>
<b>Russian Federation</b>	Adm. Anatoliy A. KOMARITSYN	<a href="mailto:gunio@homepage.ru">gunio@homepage.ru</a>
<b>South Africa</b>	Capt. Abri KAMPFER	<a href="mailto:hydrosan@iafrica.com">hydrosan@iafrica.com</a>
<b>Spain</b>	Capt. Fernando QUIROS Cebriá	<a href="mailto:ihmesp@fn.mde.es">ihmesp@fn.mde.es</a>
<b>United Kingdom</b>	Dr. D. Wynford WILLIAMS	<a href="mailto:Wyn.Williams@ukho.gov.uk">Wyn.Williams@ukho.gov.uk</a>
II. Pending Confirmation Membership	Name	E-mail
<b>Brazil</b>	Vadm Paulo Cesar DIAS DE LIMA	<a href="mailto:wesleycavalheiro@dhn.mar.mil.br">wesleycavalheiro@dhn.mar.mil.br</a> <a href="mailto:dhnsecom@dhn.mar.mil.br">dhnsecom@dhn.mar.mil.br</a>
<b>Ecuador</b>	Cdr Mario PROAÑO	<a href="mailto:sec-hidrografia@inocar.mil.ec">sec-hidrografia@inocar.mil.ec</a>
<b>Japan</b>	Mr. Masashi SUE	<a href="mailto:ico@jodc.go.jp">ico@jodc.go.jp</a>
<b>Korea (Rep. of)</b>	Mr. You-Sub JUNG	<a href="mailto:JungYS@momaf.go.kr">JungYS@momaf.go.kr</a>
<b>Peru</b>	Radm. Oleg Nicolás KRILJENKO Arnillas	<a href="mailto:dihidronav@dhn.mil.pe">dihidronav@dhn.mil.pe</a>
<b>Poland</b>	Capt. Piotr PERNACZYŃSKI	<a href="mailto:pernaczy@mw.mil.pl">pernaczy@mw.mil.pl</a>
<b>Ukraine</b>	Mr. Sergey SYMONENKO	<a href="mailto:dudg@i.kiev.ua">dudg@i.kiev.ua</a>
<b>USA</b>	Capt. Steve BARNUM	<a href="mailto:Steven.Barnum@noaa.gov">Steven.Barnum@noaa.gov</a>
<b>Uruguay</b>	Capt. Orestes PEREYRA	<a href="mailto:sohma@armada.gub.uy">sohma@armada.gub.uy</a>
III. IHB	Name	E-mail
	Capt Hugo M. GORZIGLIA ( <i>Chairman</i> ) Mr. Michel HUET ( <i>Secretary</i> ) Capt. Mike BARRITT ( <i>Capacity Building &amp; S-55</i> )	<a href="mailto:hgorziglia@ihb.mc">hgorziglia@ihb.mc</a> <a href="mailto:mhuet@ihb.mc">mhuet@ihb.mc</a> <a href="mailto:mike.barritt@ukho.gov.uk">mike.barritt@ukho.gov.uk</a>

<b>IV. Observers</b>	<b>Name</b>	<b>E-mail</b>
<b>ATCM</b>	Mr Jan HUBER (Executive Secretary)	<a href="mailto:secret@ats.org.ar">secret@ats.org.ar</a>
<b>COMNAP/SCALOP</b>	Mr. Antoine GUICHARD	<a href="mailto:sec@comnap.aq">sec@comnap.aq</a>
<b>IAATO</b>	Ms. Denise LANDAU	<a href="mailto:iaato@iaato.org">iaato@iaato.org</a>
<b>SCAR</b>	Mr. Glenn JOHNSTONE	<a href="mailto:glenn.johnstone@netspeed.com.au">glenn.johnstone@netspeed.com.au</a>
<b>GEBCO/ IBCSO</b>	Dr. Hans-Werner SCHENKE	<a href="mailto:hschenke@awi-bremerhaven.de">hschenke@awi-bremerhaven.de</a>
<b>IOC</b>	Dr. Dmitri TRAVIN	<a href="mailto:d.travin@unesco.org">d.travin@unesco.org</a>
<b>IMO</b>	Capt. Gurpreet SINGHOTA	<a href="mailto:gsinghota@imo.org">gsinghota@imo.org</a>

**6<sup>th</sup> IHO-HCA Meeting  
Punta Arenas, Chile, 6-8 November 2006**

**LIST OF HOTELS**

CLP = Chilean Peso

<b>HOTEL</b>	<b>ADDRESS</b>	<b>PHONE</b>	<b>FAX</b>	<b>WEB SITE</b>	<b>PRICES</b>
<b>HOTEL FARO EVANGELISTAS</b>	Pedro Montt 840	(56) 61 220500	(56) 61 220500	faroevangelistas@bienestaramada.cl	Single CLP25.800 (US\$49, Tax Inc) Double CLP38.700 (US\$73, Tax Inc) Breakfast Inc
<b>HOTEL JOSE NOGUEIRA</b>	Bories 959	(56) 61 248840	(56) 61 248832	<a href="http://www.hotelnogueira.com">www.hotelnogueira.com</a> <a href="mailto:reservas@hotelnogueira.com">reservas@hotelnogueira.com</a>	Single CLP40.000 (US\$75 + Tax) Double CLP50.000 (US\$95 + Tax) Breakfast Inc
<b>HOTEL CABO DE HORNOS</b>	Plaza Muñoz Gamero N°1039	(56) 61 715000	(56) 61 715050	<a href="http://www.hotelcabodehornos.cl">www.hotelcabodehornos.cl</a> <a href="mailto:reservas@hotelesaustralis.com">reservas@hotelesaustralis.com</a>	Single CLP40.000 (US\$75 + Tax) Double CLP50.000 (US\$95 + Tax) Breakfast Inc
<b>HOTEL FINNIS TERRA</b>	Avda. Colón 766	(56) 61 228200	(56) 61 248124	<a href="http://www.hotelfinisterrae.com">www.hotelfinisterrae.com</a> <a href="mailto:reservas@hotelfinisterrae.com">reservas@hotelfinisterrae.com</a>	Single CLP35.000 (US\$66 + Tax) Double CLP45.000 (US\$85 + Tax) Breakfast Inc
<b>HOTEL ISLA REY JORGE</b>	21 de Mayo 1243	(56) 61 248220 (56) 61 222681	(56) 61 248220 (56) 61 222681	<a href="http://www.islareyjorge.com">www.islareyjorge.com</a> <a href="mailto:reservas@islareyjorge.com">reservas@islareyjorge.com</a>	Single US\$85 + Tax Double US\$105 + Tax Triple US\$135 + Tax Breakfast Inc
<b>HOTEL LOS NAVEGANTES</b>	Jose Menéndez 647	(56) 61 244677	(56) 61 247545	<a href="http://www.hotellosnavegantes.com">www.hotellosnavegantes.com</a> <a href="mailto:reservas@hotellosnavegantes.com">reservas@hotellosnavegantes.com</a>	Single CLP 38.000 (US\$75, Tax Inc) Double CLP50.000 (US\$95, Tax Inc) Breakfast Inc
<b>HOTEL TIERRA DEL FUEGO</b>	Av. Colón 716	(56) 61 226200	(56) 61 226200	<a href="http://www.patagoniahotels.com">www.patagoniahotels.com</a> <a href="mailto:tierradelfuego@entelchile.net">tierradelfuego@entelchile.net</a>	Single CLP36.000 (US\$68 + Tax) Double CLP39.000 (US\$74 + Tax) Breakfast Inc
<b>HOTEL "SAVOY"</b>	José Menéndez N° 1073	(56) 61 247979	(56) 61 247979	<a href="mailto:info@hotelsavoy.cl">info@hotelsavoy.cl</a> <a href="http://www.hotelsavoy.cl">www.hotelsavoy.cl</a>	Single CLP36.000 (US\$68, Tax Inc) Double CLP46.000 (US\$87, Tax Inc) Breakfast Inc
<b>HOTEL AUSTRALIS</b>	Pedro Montt 262	(56) 61 412000	(56) 61 715030	<a href="mailto:reservas@hotelesaustralis.com">reservas@hotelesaustralis.com</a>	Single CLP40.000 (US\$85 + Tax) Double CLP50.000 (US\$95 + Tax) Triple CLP60.000 (US\$113 + Tax) Breakfast Inc

**6<sup>th</sup> IHO-HCA Meeting  
Punta Arenas, Chile, 6-8 November 2006**

**REGISTRATION FORM**

*[Please send this via e-mail to [jfleming@shoa.cl](mailto:jfleming@shoa.cl) and [pvicuna@inach.cl](mailto:pvicuna@inach.cl),  
copy to [mhuet@ihb.mc](mailto:mhuet@ihb.mc) and [info@ihb.mc](mailto:info@ihb.mc) before 20 September 2006]*

Member State / Organization represented: .....

Last Name: .....

First Name: .....

Address: .....

.....

.....

E-mail: .....

Fax: .....

Date/Time of Arrival in Punta Arenas: .....

Date/Time of Departure from Punta Arenas: .....

Accompanied person(s):.....

Selected hotel : .....

Comments: .....

.....

.....

**6<sup>th</sup> IHO-HCA Meeting  
Punta Arenas, Chile, 6-8 November 2006**

**FINAL PROVISIONAL AGENDA**

- 1.- Opening.
- 2.- HCA Membership Status.
- 3.- Approval of the Agenda.
- 4.- Election of Vice-Chairman
- 5.- Status of List of Actions resulting from the 5<sup>th</sup> HCA Meeting.
- 6.- Relevant International Organizations' Report.
  - 6.1 ATCM
  - 6.2 IMO
  - 6.3 IOC
  - 6.4 COMNAP
  - 6.5 IAATO
  - 6.6 SCAR
- 7.- HCA Activities in the light of the IHO Work Program:
  - 7.1 INT chart scheme: progress made since last meeting; actual INT charting status (S-55); new requirements and modifications proposed to the scheme (M-11); ENC scheme and production status.
  - 7.2 Bilateral and Regional cooperation agreements, projects and capacity building initiatives in progress.
  - 7.3 Interaction with IOC:
    - The IOC/IHO GEBCO Project
    - The IBCSO Project, an IOC/IHO/SCAR Project.
  - 7.4 Nautical Publications and Information. IHO/HCA web page.
  - 7.5 Hydrographic surveying, nautical charting, nautical publications and information status.
    - Presentation of National Reports. Experiences with new techniques and equipment. Project proposals to speed-up compilation and production.
    - Hydrographic Survey status (S-55)
8. HCA Survey Programme Working Group
- 9.- Any other business.
  - 9.1 SPWG Matters.
  - 9.2 HCA Capacity Building Issues
  - 9.3 IHO WP 2008-2012
- 10.- Time and Place of HCA7 Meeting

**6<sup>th</sup> IHO-HCA Meeting  
Punta Arenas, Chile, 6-8 November 2006**

**ANNOTATED AGENDA**

**1.- Opening.**

The HCA Chairman will open the meeting at 09:30 on 6th November 2006, at the Instituto Antartico Chileno (INACH), in Punta Arenas, welcoming HCA Members and Observers. A representative of the Chilean Government will welcome participants. The local organizer will provide information on local arrangements. The Chairman will provide a verbal report on the main activities executed by the Committee since the last Meeting and will invite the Committee to make a detailed analysis of the progress made and to define a realistic work program.

**2.- HCA Membership Status.**

The Chairman will report on the existing situation as regards the signing of the Committee Statutes. In accordance with Article 2, only the representatives of those IHO Member States, whose governments have acceded to the Antarctic Treaty, and have signed the Statutes are formally recognized as HCA Members. Representatives willing to formalize their situation will be invited to sign the Statutes at this time and the number of HCA Members at the meeting will be established.

**3.- Approval of the Agenda.**

The Chairman will introduce the Final Draft Agenda, as circulated and commented in advance. The Committee might wish to amend it as necessary. The Committee will be requested to approve the final text of the Agenda and to agree with the proposed Timetable.

**4.- Election of Vice-Chairman.**

According to Art 5.2 of the Statutes, the Vice-Chairman shall be elected at the beginning of each Conference by a simple majority of those Members present. The Chairman will ask for name(s) and will ask the Committee to decide.

**5.- Status of List of Actions resulting from the 5th HCA Meeting.**

The Chairman will provide an update on the status of the Actions arising from the 5th meeting. HCA Members who have been identified as responsible for these actions should be ready to provide additional information on actions taken. The Committee should decide on the course of action for those actions that have not been completed, if any.

**6.- Relevant International Organizations' Report.**

The following Organizations have been invited to attend the 6th HCA and to provide a report on their activities and experiences. These reports could be useful to the Committee to identify actions to fulfill its objective. The Committee will be invited to comment on the reports submitted and to identify actions that should be taken.

- 6.1 ATCM
- 6.2 IMO
- 6.3 IOC (Detailed report might be provided under 7.3)
- 6.4 COMNAP
- 6.5 IAATO
- 6.6 SCAR

## **7.- HCA Activities in the light of the IHO Work Program:**

- 7.1 INT chart scheme: progress made since last meeting; actual INT charting status (S-55); new requirements and modifications proposed to the scheme (M-11); ENC scheme and production status.  
The Secretary of the HCA will report on the status of the INT chart / ENC schemes and production, and Capt. Mike Barritt, in charge of the project to update S-55 and S-59 will report on the status of this initiative regarding Charts. The Committee will be invited to comment on the reports and to provide guidance to the Chairman on actions to be fostered by the HCA.
- 7.2 Bilateral and Regional cooperation agreements, projects and capacity building initiatives in progress.  
Participants will be invited to report on the experience gained in making cooperation agreements for conducting hydrographic surveys, training and exchange of hydrographic information. The Committee will be invited to identify tasks that the Committee should consider in its work, if any.
- 7.3 Interaction with IOC:
- ✓ The IOC/IHO GEBCO Project  
The GEBCO representative will be invited to report on the main activities of SCUFN and SCDB Sub-Committees, as regards Antarctic issues. The Committee will be invited to comment on the report and to identify tasks that need to be considered by the Committee in its work program.
  - ✓ The IBCSO Project, an IOC/IHO/SCAR Project.  
The IBCSO representative will report on the progress made with the new regional International Bathymetric Chart project. The Committee will be invited to comment on the report and provide guidance to the Chairman as to what actions should be taken by the Committee to improve cooperation with IBCSO.
- 7.4 Nautical Publications and Information. IHO/HCA web page.  
The Secretary of HCA will report on the content of the nautical publications and Information posted on the IHO web page. The Committee might identify ways to take advantage of this tool and to improve its content, bearing in mind the users' interest.
- 7.5 Hydrographic surveying, nautical charting, nautical publications and information status.
- ✓ Presentation of National Reports. Experience with new techniques and equipment.  
Project proposals to speed-up compilation and production.  
HCA Members will be invited to report on their national activities and experience, as well as to submit proposals to improve the rate of production of INT charts and ENCs. These reports could be useful to the Committee in identifying actions to improve cooperation and collaboration among HCA Members in fulfilling the Committee's objective.
  - ✓ Hydrographic Survey Status (S-55)  
Capt. Mike Barritt, in charge of the project to update S-55 and S-59, will report on the situation of this initiative. The Committee will be invited to comment on the report and to provide guidance to the Chairman on the way the HCA could best benefit from this effort and keep information updated on a permanent basis.

## **8.- HCA Survey Programme Working Group – Progress Report**

The Chairman of the WG will report on the progress made regarding the identification of the content of an Antarctic Hydrographic Surveying Plan that could best fit the region "M" INT chart project. The Committee will be invited to examine the proposal in detail and to agree on the priorities of those needs. It would be possible to prepare a document highlighting needs and priorities to be sent to the IPY Coordination Board as a contribution from IHO/HCA, to orient the hydrographic effort that States might be willing to make during the IPY period (2007/2008).

## **9.- Any other business.**

- 9.1 SPWG Matters

The Chairman will brief the Committee on the latest developments of the SPWG.

9.2 HCA Capacity Building Issues

The Chairman will report on activities of the IHO Capacity Building Committees (CBC) of interest to the Antarctic region.

9.3 IHO WP 2008-2012

The Chairman and Vice-Chairman will report on the HCA activities which have been proposed for inclusion in the IHO Work Programme 2008 – 2012.

Also under Agenda Item 9, participants may consider including other items not considered in the agenda approved earlier.

**10.- Time and Place of next Meeting**

The Chairman will invite the Committee to fix the venue and dates for the 7th HCA Meeting.

**Note:** before the Closure there will be time available for the preparation of documentation and approval of the Action List agreed.

**11.- Closure**

The Chairman will close the Meeting at 16:00 on 8th November 2006.

**6<sup>th</sup> IHO-HCA Meeting**  
**Punta Arenas, Chile, 6-8 November 2006**

**TIMETABLE**

**Saturday 04NOV06** *Arrival of Participants*  
**Sunday 05NOV06** *Arrival of Participants*

**Monday 06NOV06**

0900 – 0930 *Registration*  
 0930 - 1000 1.- Opening.  
 1000 – 1030 *Coffee Break*  
 1030 – 1100 2.- HCA Membership Status.  
 3.- Approval of the Agenda.  
 4.- Election of Vice-Chairman.  
 1100 – 1300 5.- Status of List of Actions resulting from the 5th HCA Meeting.  
 1300 – 1430 *Lunch*  
 1430 - 1600 6.- Relevant International Organizations' Report. (15' each)  
 1600 – 1630 *Coffee Break*  
 1630 – 1700 *Presentation by INACH*  
 1700 *End of the day*

**Tuesday 07NOV06**

0900 – 1030 7.- HCA Activities in the light of the IHO Work Program (7.1)  
 1030 – 1100 *Coffee Break*  
 1100 – 1130 7.- HCA Activities in the light of the IHO Work Program (7.2)  
 1130 - 1200 7.- HCA Activities in the light of the IHO Work Program (7.3)  
 1200 – 1230 7.- HCA Activities in the light of the IHO Work Program (7.4)  
 1300 – 1430 *Lunch*  
 1430 – 1600 7.- HCA Activities in the light of the IHO Work Program (7.5)  
 1600 – 1630 *Coffee Break*  
 1630 – 1700 7.- HCA Activities in the light of the IHO Work Program (7.5) (continuation).  
 1700 *End of the day*

**Wednesday 08NOV06**

0900 – 1000 8.- HCA Survey Programme Working Group – Progress Report  
 1000 – 1030 9.- Any other business (9.1 & 9.2)  
 1030 – 1100 *Coffee Break*  
 1100 – 1230 9.- Any other business (9.3)  
 1230 – 1300 10.- Time and Place of HCA7 Meeting  
 1300 – 1430 *Lunch*  
 1430 – 1530 Preparation of documentation  
 1530 – 1600 Approval of Action List  
 1600 11.- Closure of the Meeting

## STATUS OF ACTIONS RESULTING FROM THE 5th HCA MEETING

Action #	Para. #	Action Details	Action By	Status (Jul. 06)
1.	2.	HCA Chair to write a letter to each of the following IHO Member States who have not yet signed the HCA Statutes, i.e. Brazil, Ecuador, Japan, Rep. of Korea, Peru, Poland, Ukraine, USA and Uruguay, with a view to obtaining clarification of their intentions about participating in HCA activities. It was decided that, meanwhile, they will appear in a separate "pending confirmation of membership" list. The letter to USA will further check their intention regarding the production of INT Charts 909, 9062 and 9105 which have USA as producer country in the INT chart scheme, having noted NGA's statement to cease any paper chart production from 2007 (Action No 9 from HCA/4). COMNAP to contact their members from the above countries, to urge them to participate in HCA activities.	HCA Chair & COMNAP	IHB: Done. The IHB has been verbally informed that NGA would not be in position to produce Charts INT 909, 9062 and 9105. Pending written confirmation of this information, HCA Members are invited to indicate whether they would be prepared to undertake the production of one or several of these charts.
2.	6.3	HCA Chair to seek IMO guidance on the application of SOLAS Convention, Chapter V, Regulation 9, in Antarctic waters.	HCA Chair	Done. IMO does not have any special position with regard to Antarctic waters.
3.	7.1	IHB to draft an ENC scheme for Region 'M', taking into consideration the approaches adopted by other RHCs. Initial focus should be on navigational purposes 1 (overview) and 2 (general). IHB to then circulate the draft scheme to HCA members for comments.	IHB	In progress.
4.	7.1	HCA Members to change the 'triangle' symbol for a refuge, hut, or unoccupied station, which currently exists on a few Antarctic charts, to an isolated building symbol (D5) with abbreviation <b>Ref</b> (T14) at the next New Edition of such charts.	IHB & HCA Members	IHB: Done.

Action #	Para. #	Action Details	Action By	Status (Jul. 06)
5.	7.3.2	HCA Members to consider nominating suitable candidates to participate in the work of IBCSO Editorial Board; names to be provided to the IHB.	HCA Members	No nomination yet received as of June 2006.
6.	7.4.1	IHB to include new chart INT 9037 (Aus 599) in M-11, Chapter M	IHB	Done.
7.	7.4.1	New Zealand to provide the IHO DCDB with bathymetric data collected in the Ross Sea, in view of its use for the IBCSO project.	LINZ	
8.	7.4.1	IHB, in liaison with New Zealand, to monitor the findings / outcomes of the IHO Seminar on Spatial Data Infrastructures (SDI) [Rostock, Germany, 8-9 November 2005] and identify any implications for HCA.	IHB & LINZ	IHB: In Progress.
9.	7.4.2	HCA Members which have not submitted data for the review of S-55, as requested in HCA Letter 3/2005, are asked to do so by 31 December 2005.	HCA Members	See HCA Letter 2/2006, §2
10.	7.4.2	HCA Members are urged to include data for Antarctica in their regular review of S-55 information.	HCA Members	See HCA Letter 2/2006, §2
11.	7.4.2	S-55 Project Coordinator, SHOA and IHB to complete the development of the GIS prototype of a regional database.	IHB, SHOA and Capt.Barritt	IHB: In Progress.
12.	7.5	IHB to continue maintaining a list of HO's nautical publications related to Antarctica, including a brief résumé of their content, on the IHO website. HCA Members to provide input to the IHB as appropriate.	IHB & HCA Members	Ongoing. Australia, France and UK already included.
13.	8.	IHB to provide IAATO and COMNAP with the form for "Collection and Rendering of Hydrographic Data", for dissemination to ships' captains. When completed, the forms are to be returned to the following single point: Attn: Chairman of HCA Survey Programme WG, United Kingdom Hydrographic Office, Taunton, Somerset TA1 2DN, UK - <a href="mailto:andy.willett@ukho.gov.uk">andy.willett@ukho.gov.uk</a> - Fax: +44 (0)1823 284077.	IHB, IAATO & COMNAP	Done.
14.	8.	IHB to post the form for "Collection and Rendering of Hydrographic Data" on the HCA page of the IHO website.	IHB	Done.
15.	8.	HCA Chair to mention the form for "Collection and Rendering of Hydrographic Data" in the IHO report to the 2006 ATCM, seeking ATCM endorsement and support. Deadline: April 06.	HCA Chair	Done.

Action #	Para. #	Action Details	Action By	Status (Jul. 06)
16.	8.	IHB, in liaison with the HCA Survey Programme WG Chair, to prepare an update of the INT Chart Scheme for Region 'M', so as to include the 20 agreed additions as new INT charts / inset plans (Decision No 4). Work will comprise identification of existing INT charts which will include inset plans, assignment of INT numbers to new INT charts, and allocation of responsibilities for their production.	IHB & HSPWG Chair	Done.
17.	8.	IHB to circulate the implementation details resulting from Action No 16, to the IHO CSPCWG Chair and to HCA members and observers, for comments and endorsement.	IHB	Addressed in HCA Letter 1/2006. Argentina's offer to produce the new INT 9115 (Plan B) is most welcome.
18.	8.	HCA Chair to submit the short list to IPY Coordinating Committee, and to ATCM/COMNAP, seeking endorsement of importance for safety of navigation in the region.	HCA Chair	Done.
19.	8.	HCA Chair to circulate the short list, with supporting rationale, to National Hydrographers of IHO MS seeking indication of assets that might be allocated to the survey requirement in the IPY. HCA to indicate that options may exist for participation in vessels of opportunity and that HCA can submit bids to CBC for travel and subsistence funding. HCA to indicate benefits of participation. Letter to be copied to IMO, ATCM, COMNAP, IAATO, IBCSO.	HCA Chair	Done.
20.	9.2	HCA Chair to propose to SPWG that representation of HCA matters on Council will be undertaken by a nominated member state with a seat on Council.	HCA Chair	Done.
21.	9.2	HCA to produce necessary amendments to HCA Statutes for approval at HCA/6 and entry into force at the same time as the amended Convention. Australia will lead on the production of amendments, circulating drafts by correspondence.	Australia	In progress.
22.	9.2	HCA Chair to ask the SPWG to include the HCA in the development of Performance Indicators for subordinate bodies e.g. progress with INT chart scheme; input for IHO advice to IMO on safety of navigation in remote areas.	HCA Chair	Done.
23.	9.4	HCA Chair and Vice Chair to identify which HCA activities should be reflected in the IHO Work Programme 2008 - 2012.	HCA Chair & Vice Chair	In progress.
24.	10.	Chile to confirm to the HCA Chair their ability to host the 6 <sup>th</sup> HCA Meeting in November 06.	Chile	Done.