

**13<sup>th</sup> Conference of the Hydrographic Commission on Antarctica (HCA)  
Cadiz, Spain, 3-5 December 2013**

**AGENDA AND TIMETABLE**

- Notes: a) Meeting to start at 09:00 on 3 December at the *Navy Officers' Club* in San Fernando  
 b) Dress code for the HCA Conference will be civilian clothes (coat and tie) for the meetings, and casual for a social event (dinner) on the second day. The Spanish delegation, as hosts, will be wearing uniform.  
 c) Presenters of papers are shown in parentheses ().

<b>Tuesday 3 Dec</b>	<b>HCA-13</b>
0900	<p><b>1. Opening</b></p> <p><i>Docs: HCA13-01A List of Documents (Secretary)</i>  <i>HCA13-01B List of Participants (Secretary)</i></p> <p>Introductions: <i>What keeps you awake at night? (Everyone)</i>  <i>What outcomes are you expecting from the meeting (Everyone)</i></p>
0915	<p><b>2. HCA Membership Status</b></p> <p><i>Docs: HCA13-02A HCA Membership and Observers List (Secretary)</i></p> <p>Discussion: <i>Are any changes required? (Everyone)</i></p>
0930	<p><b>3. Approval of Agenda</b></p> <p><i>Docs: HCA13-03A Agenda and Timetable (Chair)</i>  <i>HCA13-03B Programme (Host)</i></p>
0940	<p><b>4. Election of Vice-Chairman</b></p>
0950	<p><b>5. Status of List of Actions resulting from HCA-12</b></p> <p><i>Docs: HCA13-INF2 Minutes of the 12<sup>th</sup> HCA Conference (Montevideo, Uruguay, 2012) (Chair)</i>  <i>HCA13-05A Status of Actions List from the 12<sup>th</sup> HCA Conference (Secretary)</i></p>
1020	<p><b>Group Photo followed by Coffee Break</b></p>
1100	<p><b>5. Status of List of Actions resulting from HCA-12 (continued)</b></p>
1200	<p><b>6. International Organizations' Reports</b></p> <p>6.1 ATCM</p> <p><i>Docs: HCA13-INF3 IHO Report submitted to ATCM-36 (Chair)</i>  <i>HCA13-INF4 Outcomes from ATCM-36 (Chair)</i></p>

	Discussion: <i>What went wrong at ATCM-36? (Everyone)</i>  <i>What action is required from HCA members before ATCM-37? (Everyone)</i>
1230	<b>Lunch</b>
1400	6.2 COMNAP <i>Docs: HCA13-06.2A COMNAP Activities affecting HCA</i> <i>HCA13-06.2B COMNAP's response to a proposed IHO-COMNAP MoU</i>
1420	6.3 IAATO <i>Docs: HCA13-06.3A IAATO Report (to ATCM 36)</i> <i>HCA13-INF5 IAATO Overview of Antarctic Tourism: 2012-13 Season and Preliminary Estimates for 2013-14 Season</i>
1440	6.4 SCAR
1500	6.5 IALA <i>Docs: HCA13-06.5A IALA activities affecting HCA</i>
1530	Adjourn HCA-13 <b>Coffee Break</b>
1600	Hydrography Priorities Working Group (HPWG) meets <i>Docs: HCA13-HPWG0 Agenda</i> <i>HCA13-HPWG1 Review of Region M Small-Scale ENC Scheme (New Zealand)</i> <i>HCA13-HPWG2 Existing Overview ENC Coverage (HPWG)</i> <i>HCA13-HPWG3 Proposed Overview ENC Scheme based on INT Chart 1: 2M series (HPWG)</i> <i>HCA13-HPWG4 Existing General ENC Coverage (HPWG)</i>
1730	END OF DAY ONE
<b>Wednesday 4 Dec</b>	<b>HCA-13 (continues)</b>
0900	HPWG continues to meet <i>Docs: HCA13-HPWG5 Proposed General ENC Scheme based on INT 1:500K series (HPWG)</i> <i>HCA13-HPWG6 Proposed Coastal ENC Scheme (Antarctic Peninsula) based on INT 1:90K - 1:350K series (HPWG)</i> <i>HCA13-HPWG7 Proposed Coastal ENC Scheme (Antarctica) based on INT 1:90K - 1:350K series (HPWG)</i> <i>HCA13-HPWG8 Proposed Approach, Harbour &amp; Berthing ENC Scheme (HPWG)</i>

1030	HPWG meeting ends <b>Coffee Break</b>
1100	HCA-13 Resumes <b>7. Data Gathering</b> 7.1 Presentation on recent developments in survey equipment with a focus on the Antarctic environment (Kongsberg) <i>Docs: HCA13-07.1A Kongsberg Maritime - Operations in Antarctica and Arctic</i>
1130	7.2 Presentation on commercial expertise, experience and opportunities in hydrography with focus on the Antarctic environment (Fugro) <i>Docs: HCA13-07.2A FugroPelagos - Expertise and Experience in Hydrographic Surveying with Focus on High Latitudes</i>
1200	7.3 HCA Hydrography Priorities Working Group <i>Docs: HCA13-07.3A HPWG Report (HPWG Chair)</i> <i>HCA13-07.3B Revised Long Term Survey Plan (HPWG Chair)</i> <i>HCA13-07.3C Revised Survey Short List (HPWG Chair)</i>
1230	<b>Lunch</b>
1400	7.4 Crowd Sourced Bathymetry initiatives - progress reports <i>Docs: HCA13-INF6 Establishing the DCDB as a Global Digital Bathymetry Reference Data Store (Chair)</i>
1420	Discussion: <i>What is the way ahead for data gathering initiatives in Antarctica?(Everyone)</i>
1430	<b>8. HCA Activities in the light of the IHO Work Program</b> 8.1 INT Chart Scheming and Production <i>Docs: HCA13-08.1A INT Chart Scheme and Production Status in Antarctica (Secretary)</i> <i>HCA13-08.1B INT Charts not yet published (Secretary)</i> <i>HCA13-08.1C Layout of INT Production Status in Antarctica (Secretary)</i> <i>HCA13-08.1D Proposal for a new INT Chart in Region M - Area of Larsemann Hills – Medium Scale - IHB letter to Hydrographers of Australia, China, India and Russia</i> <i>HCA13-08.1E New INT Chart - Larsemann Hills (HPWG Chair)</i>

1445	8.2 ENC Scheming and Production <i>Docs: HCA13-08.2A ENC Schemes and Production Status in Antarctica (Secretary)</i>
1500	8.3 Presentation on recent chart production system developments, with focus on charting in Antarctica (Caris) <i>Docs: HCA13-08.3A The “Icy” CARIS - Ping-To-Chart Solution</i>
1530	<b>Coffee Break</b>
1600	8.4 Interaction with IOC 8.4.1 The IHO-IOC GEBCO Project <i>Docs: HCA13-08.4.1A GEBCO Report</i> <i>HCA13-08.4.1B Undersea Feature Naming in Antarctica (Secretary)</i> 8.4.2 The IHO-IOC-SCAR IBCSO Project <i>Docs: HCA13-08.4.2A IBCSO Report</i>
1620	8.5 Hydrographic surveying, nautical charting, nautical publications and information status 8.5.1 Presentation of National Reports - Experiences with new techniques and equipment - Project proposals to speed-up compilation and production <i>Docs: HCA13-08.5.1A National Reports</i>
1730	END OF DAY TWO
From 2030	<u>Dinner offered by IHM, restaurant “Venta de Vargas”, San Fernando</u>
<b>Thursday 5 Dec</b>	<b>HCA-13 (continues)</b>
0900	Visit to IHM, Cadiz ( <i>Everyone</i> )
1030	IHM visit ends Depart by bus from IHM to San Fernando
1100	8.5.1 Presentation of National Reports - continued
1140	8.5.2 C-55 Status: hydrographic surveying, nautical charting and provision of MSI – Antarctic GIS <i>Docs: HCA13-08.5.2A C-55 Status and GIS for Antarctica – Progress Report (IHB)</i>
1200	8.5.3 Presentation of MSDI activities, with focus on applicability to Antarctica <i>Docs: HCA13-08.5.3A MSDI in Antarctica - “Interoperability at Work?” (MSDIWG Secretary)</i>

1230	<b>Lunch</b>
1400	8.6 Capacity Building Issues
1415	8.6.1 Nautical Publications and Information. IHO/HCA web page
1425	<b>9. HCA Statutes</b> <i>Docs: HCA13-INF1 Current HCA Statutes (Chair)</i> <i>Discussion: Are any changes required? (Everyone)</i>
1440	<b>10. Any other Business</b>
1500	<b>11. Time and Place of next Conference</b> HCA-14 to be hosted by Ecuador in early December 2014
1505	<b>12. Approval of Action List</b>
1530	<b>13. Closure</b>  END OF MEETING
1530	<b>Coffee Break</b>