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CIRCULAR LETTER No. 20/2002  
31 May 2002

**MARINE INDUSTRY WORKSHOP**  
*“Industry Days”*  
**IHB – MONACO, 26-28 June 2002<sup>1</sup>**

- Ref:** 1) IHB Circular Letter 13/2002, dated 11 April 2002  
2) IHB e-mail ([pac@ihb.mc](mailto:pac@ihb.mc)), dated 17 May 2002

Dear Sir or Madam,

Further to our earlier communications, we attach a Final Programme for the above Workshop. We appreciate the effort taken by those who have submitted papers for the various sessions. It is now generally felt, however, that we should revert to a more workshop-style model as opposed to the conference-style models used in previous Workshops. We will print the papers submitted and then distribute them to the delegates attending the Workshop and later to the IHO Member States as a part of the Workshop Proceedings.

There will be Discussion Panels for each Session comprising two representatives from industry and two from the IHO. The members of the panels will be asked to give their views on the subjects being discussed and 5 to 10 minutes will be allowed for each panel member if they so wish. Those who have submitted papers could, of course, give a summary of their presentation in the time allowed. The Bureau is in the process of inviting Panel Members, as indicated in Appendix 1 to Annex A.

It is regretted that the demand for discussion topics to be included in the Workshop has resulted in the Workshop starting a half day earlier. The Wednesday afternoon will be taken up with the Opening, the Keynote Address and a Session on the future of ENC's. It is hoped that all will be able to be present on the Wednesday afternoon in spite of the short notice of this programme change.

It is hoped that the discussions will result in meaningful ideas, conclusions and recommendations being made. As the Chairman of the IHO Strategic Planning Working Group will also be present, and will chair a Session on Industry views on a possible future direction for the IHO, these and other views will also be of value to the Strategic Planning Working Group.

Following CL 13/2002 and suggestions made by Member States, the following additional companies to those listed in Annex A of that CL, have been invited to participate in the Workshop: Applanix LLC, Atlas Hydrographic GmbH, Odom, Reson AS, and Tenix Lads Co.

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<sup>1</sup> Initially planned on 27-29 June (CL 13/2002); moved forward to 26-28 June, starting at 14:00 on the 26th.

We look forward to your participation in the 2002 "Industry Days".

On behalf of the Directing Committee  
Yours sincerely,



Rear Admiral Neil GUY  
Director

Encls. Annex A – Revised Programme/Agenda *English only*  
Annex B – Provisional List of Participants *English only*

**Annex A to IHB CL 20/2002****MARINE INDUSTRY WORKSHOP “Industry Days”  
IHB, Monaco, 26-28 June 2002****Chair: Rear Admiral Neil GUY, IHB Director****DRAFT PROGRAMME AND AGENDA (Revised 31 May 2002)**

- Notes: 1) Recommendations/outcomes are expected from consideration of items 3 to 10 below.
- 2) See Appendix A for proposed presentations

**Wednesday 26 June, 14:00**

1. **WELCOME AND ARRANGEMENTS**
2. **INTRODUCTION** *“Have we done, and are we doing, it right?”*  
*Michael Rambaut (IEC)*

**C O F F E E B R E A K**

3. **USE OF ECDIS (Panel Discussion)**
  - What is the future of the ENC?
  - Improving the users’ perspective of the advantages of ECDIS.

**Thursday 27 June, 9:00**

4. **ENC PRODUCTION, COVERAGE AND DELIVERY (Panel Discussion)**
  - Status of ENC coverage worldwide and appropriateness to international shipping. What can be done to expedite ENC production?
  - Do the ENC’s match the requirements of the mariners (IHO WEND Study)?
  - Data validation. Are the IHO list of validation checks and the available Industry validation software tools satisfactory?
  - What is the best structure for data distribution to satisfy the needs for safe navigation?
  - What is the experience of Industry, HO’s and others with ENC and/or SENC distribution?
  - What progress has been made with the IHO ENC Security Scheme?

**C O F F E E B R E A K**

5. **DEVELOPMENT AND CONTROL OF STANDARDS (Panel Discussion)**
  - How has Industry become more involved in the development of IHO related standards.
  - When and how should IHO Standards be upgraded?

**L U N C H 12:30**

6. **DEVELOPMENT AND CONTROL OF STANDARDS (Cnt) (Panel Discussion)**

- How can the development of IHO standards and the relevant Working Groups be funded?
- How can the various appropriate international standards be integrated?
- What should the relationship of ECS Data Standard and ECS Equipment Standard developments be in relation to the IHO standards?

**C O F F E E   B R E A K**

**7. STRATEGIC PLANNING (Discussion Panel)**

- What contribution can industry make in future IHO responsibilities and tasks?

**Reception on the IHB Terrace, 18:00**

**Friday 28 June, 9:00**

**8. DEVELOPMENTS IN DATA GATHERING/ PROCESSING (Panel Discussion)**

- How can the use of multi-beam data be increased?
- What are the processing problems related to multi-beam data?
- Should the IHO be involved in the development of multibeam data exchange standard? Impact of ISO TC211 Standard ISO 19130 “Sensor-model for multibeam echosounders”?
- How can the production of hydrographic data be used to accelerate the production of charts and the provision of navigational data?
- State of the art for bottom characterisation by acoustic and laser sensors?

**C O F F E E   B R E A K**

**9. ADDITIONAL USES OF DATA (Panel Discussion)**

- What additional uses are there for hydrographic data?
- How can we integrate the displays of ECDIS, AIS and VTS?
- Can MIO’s improve the safety of navigation?
- Inland ECDIS: What progress has been made and what data is required?
- What use is made of hydrographic data in GIS applications?

**L U N C H   12:30**

**10. REGULATORY/GENERAL ASPECTS (Panel Discussion)**

- Have the National Authorities taken action to implement the amended Chapter V of SOLAS and what are the implications if they have not?
- Should there be efforts to have ECDIS classified as a carriage requirement?
- How can we improve the use of the Open ECDIS Forum to promote ECDIS and its fuels and what interactive forum should there be for other hydrographic aspects?

**C O F F E E   B R E A K**

**11. CONCLUDING DISCUSSIONS**

- Recommendations for future liaison between the IHO and other role-players.

**12. CLOSURE, 17:30**

**PROPOSED PRESENTATIONS**

*(31 May 2002)*

<p><b>Session 3</b> <b>USE OF ECDIS</b></p>	<p>➤</p>
<p><b>Session 4</b> <b>ENC PRODUCTION, COVERAGE AND DELIVERY</b></p>	<p>➤ QC/validation of ENCs (Hydroservice AS) ➤ Streamlining the production of charts and ENC's by company networking. (Kongsberg Simrad and Hydroservice)</p>
<p><b>Sessions 5 &amp; 6</b> <b>DEVELOPMENT AND CONTROL OF STANDARDS</b></p>	<p>➤ Data Protection – An IHO ENC Security Scheme (R. Sandvik, Primar-Stavanger)</p>
<p><b>Session 8</b> <b>DEVELOPMENT IN DATA GATHERING/ PROCESSING</b></p>	<p>➤ Results of the Multibeam Workshop organized by US-NAVOCEANO in Long Beach, USA, in March 2002. (P. Cooper, NAVOCEANO) ➤ Complete data collection packages which are compliant with IHO S-44. (Kongsberg Simrad) ➤ Advanced Software Tools for analysis, control processing of high volume multibeam data. (A. Dibona, Pangea)</p>
<p><b>Session 9</b> <b>ADDITIONAL USES OF DATA</b></p>	<p>➤</p>
<p><b>Session 10</b> <b>REGULATORY/GENERAL ASPECTS</b></p>	<p>➤</p>

**PROSPECTIVE MODERATORS AND PANEL DISCUSSION MEMBERS**  
(31 May 2002)

	<b>MODERATOR</b>	<b>PANEL MEMBERS</b>
<b>Session 3</b> <b>USE OF ECDIS</b>	Neil Guy	Steven Koska Chris Drinkwater David Blevins Peter Mantel
<b>Session 4</b> <b>ENC PRODUCTION, COVERAGE AND DELIVERY</b>	Michel Huet	Fernando M. Pimentel Tiina Turnala Francesco Altamura Cor Mallie
<b>Session 5</b> <b>DEVELOPMENT AND CONTROL OF STANDARDS</b>	Chris Drinkwater	Mathias Jonas Massimiliano Nannini Ilkka Waskuri Gregory Levonian
<b>Sessions 6</b> <b>DEVELOPMENT AND CONTROL OF STANDARDS</b>	Robert Ward ?	Anthony Pharaoh David D'Aquino Martin S. Taylor Barrie Greenslade
<b>Session 7</b> <b>STRATEGIC PLANNING</b>	Frode Klepsvik	Andrea Treat Hans Van Opstal Hugo Gorziglia Tor Svanes
<b>Session 8</b> <b>DEVELOPMENT IN DATA GATHERING/ PROCESSING</b>	Giuseppe Angrisano	Fernando Mingram Goran Nordstrom Fredy Pohner Alessandro Dibona
<b>Session 9</b> <b>ADDITIONAL USES OF DATA</b>	Lee Alexander	Joe Ryan Chris Smith Angel Torres Jo Jacobs
<b>Session 10</b> <b>REGULATORY/GENERAL ASPECTS</b>	Mathias Jonas	Dan Mades Robert Ward ? J.P. Collins Phillip Wainwright

**MARINE INDUSTRY WORKSHOP “INDUSTRY DAYS”  
IHB, MONACO, 26-28 JUNE 2002**

**LIST OF PARTICIPANTS**  
(31 May 2002)

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