

14th CHRIS MEETING
Shanghai, China, 15-17 August 2002

AGENDA

1. Opening and Administrative Arrangements

<i>Docs:</i>	<i>CHRIS-14-1A</i>	<i>List of Documents (IHB)</i>
	<i>CHRIS-14-1B</i>	<i>List of participants (IHB)</i>
	<i>CHRIS-14-1C</i>	<i>Membership of CHRIS related WGs (IHB)</i>
	<i>CHRIS-14-1D</i>	<i>CHRIS Membership (IHB)</i>

2. Approval of Agenda

<i>Doc:</i>	<i>CHRIS-14-2A</i>	<i>Agenda (IHB)</i>
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Confirmation or Election of CHRIS Chairman

3. Matters arising from Minutes of 13th CHRIS Meeting

<i>Docs:</i>	<i>CHRIS-14-3A</i>	<i>Minutes of CHRIS-13 (IHB)</i>
	<i>CHRIS-14-3B</i>	<i>Status of Actions List from CHRIS-13 (IHB)</i>
	<i>CHRIS-14-3C</i>	<i>Terms of Reference for CHRIS Committee and related Working Groups (IHB)</i>

4. Matters arising from the 16th IH Conference

<i>Docs:</i>	<i>CHRIS-14-4A</i>	<i>PRO 13 - Compilation scales for electronic data bases</i>
	<i>CHRIS-14-4B</i>	<i>PRO 15 - Enhancement of the use of data at small scales</i>

5. The Future Work Programme of CHRIS – main focus and activities, goals

<i>Doc:</i>	<i>CHRIS-14-5A</i>	<i>The future work of CHRIS (H. Hecht)</i>
<i>Doc:</i>	<i>CHRIS-14-5B</i>	<i>MGDI: Information Infrastructure for the Maritime Community (M. Poulin & R. Gillespie)</i>

6. IMO Issues - Report on MSC 75 and NAV 48

<i>Doc:</i>	<i>CHRIS-14-6A</i>	<i>Report on MSC75 and NAV48 (IHB)</i>
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 - 6.1 Chart Carriage Regulations and ECDIS

<i>Doc:</i>	<i>CHRIS-14-6.1A</i>	<i>Chart Carriage Regulations and ECDIS in USA (D. Enabnit)</i>
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7. Reports by CHRIS Working Groups
 - 7.1 Transfer Standard Maintenance and Application Development (TSMAD)

<i>Doc:</i>	<i>CHRIS-14-7.1A</i>	<i>Report on TSMAD Activities (C. Drinkwater)</i>
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 - 7.2 Colour and Symbol Maintenance (C&SMWG)

<i>Doc:</i>	<i>CHRIS-14-7.2A</i>	<i>Report on C&SMWG Activities (M. Jonas)</i>
	<i>CHRIS-14-7.2B</i>	<i>Draft Letter to IMO (MSC/NAV) (M. Jonas)</i>
	<i>CHRIS-14-7.2C</i>	<i>Future development of a unified electronic chart display (M. Jonas)</i>
	<i>CHRIS-14-7.2D</i>	<i>The Liability of International Organizations for their Standards (N. Guy)</i>
	<i>CHRIS-14-7.2E</i>	<i>Potential Liability for IHO Standards – Comments by Australia (R. Ward)</i>

- 7.3 Technology Assessment (TAWG)
Doc: CHRIS-14-7.3A Report on TAWG Activities (M. Casey)
- 7.3.1 Print on Demand
Doc: CHRIS-14-7.3.1A Print on Demand (D.Enabnit)
- 7.3.2 Electronic Commerce
Doc: CHRIS-14-7.3.2A Electronic Commerce for Nautical Charts (D. Enabnit)
- 7.4 Standardization of Nautical Publications (SNPWG)
Docs: CHRIS-14-7.4A Report on SNPWG Activities (R. Ward)
CHRIS-14-7.4B Comments from Chile on CHRIS-14-7.4A
- 7.5 Chart Standardization and Paper Chart (CSPCWG)
Docs: CHRIS-14-7.5A Report on CSPCWG Activities (P. Cox)
CHRIS-14-7.5B Draft Terms of Reference for CSPCWG (P. Cox)
CHRIS-14-7.5C Revised Terms of Reference for CHRIS, as a result of CSC becoming a WG of CHRIS P. Cox)
8. ENC Security Scheme
Docs: CHRIS-14-8A Report on Activities of the CHRIS Data Protection Scheme Advisory Group (DPSAG) (R. Sandvik)
CHRIS-14-8B DPSAG Terms of Reference (R. Sandvik)
9. Liaison with Industry
Doc: CHRIS-14-9A Report on the June 2002 Marine Industry Workshop (C. Mallie)
CHRIS-14-9B ENC Distribution Process – Concern of the Shipping Community (Seatrade, Netherlands)
CHRIS-14-9C IHO - Industry Forum (N. Guy)
CHRIS-14-9D User Interface Group Meeting (N. Guy)
10. Status of IEC 61174 and IEC 62288
Docs: CHRIS-14-10A Status of IHO ENC and RNC Test Data Sets (IHB)
CHRIS-14-10C IEC-TC80-WG13 Contribution to CHRIS-14 (L. Alexander)
CHRIS-14-10D Review of ECDIS Performance Standards (R. Ward)
11. Vector Data Development
- 11.1 RENCs
Docs: CHRIS-14-11.1A PRIMAR-Stavanger Report to CHRIS (R. Sandvik)
CHRIS-14-11.1B IC-ENC Report to CHRIS (P. Wainwright)
CHRIS-14-11.1C MBS Virtual RENC Report to CHRIS (M. Nannini)
- 11.2 ENC Development
Docs: CHRIS-14-11.2A Report on ENC Development (Greece)
CHRIS-14-11.2B Report on ENC Development (Brazil)
CHRIS-14-11.2C Report on ENC Development (Australia)
CHRIS-14-11.2D Report on ENC Development (Italy)
CHRIS-14-11.2E Report on ENC Development (USA)
CHRIS-14-11.2F Report on ENC Development (Denmark)
CHRIS-14-11.2G Report on ENC Development (India)
CHRIS-14-11.2H Electronic Hydrographic Information - The New Zealand perspective
CHRIS-14-11.2I Report on ENC Development (Chile)

- CHRIS-14-11.2J* *Current State of Electronic Chart Production (South Africa)*
CHRIS-14-11.2K *Report on ENC Development (France)*
- 11.2.1 Report on the "WEND" Study
Docs: CHRIS-14-11.2.1A *Report on the "WEND Study" (Portugal)*
CHRIS-14-11.2.1B *Availability of Commercial Programmes to Determine ENC
Production Priorities (N. Guy)*
- 11.2.2 Assistance in ENC Production
Doc: CHRIS-14-11.2.2A *Discussion on options to provide assistance to, or exchange
experience with those HOs who have not yet the capabilities
to develop ENCs. (H. Hecht)*
- 11.2.3 Production of ENC/S-57 Data for Berthing (Usage Code 6)
Doc: CHRIS-14-11.2.3A *Use of ENC Navigational Purpose Codes (relating to S-57
Editions 3.0 and 3.1) (R. Ward)*
- 11.3 DNC Development
Doc: CHRIS-14-11.3A *Report on DNC Development at US-NIMA (C. Andreasen)*
- 11.4 Inland ECDIS
Docs: CHRIS-14-11.4A *Report on Inland ECDIS Development in Europe (M. Jonas)*
12. Marine Information Objects (MIO)
Docs: CHRIS-14-12A *Report on HGMIO Activities (L. Alexander)*
13. Projects of interest to CHRIS (e.g. SHARED or CGMECIP)
Docs: CHRIS-14-13A *Report on the SHARED Project in Southeast Asia
(Singapore)*
CHRIS-14-13B *Report on the CGMECIP Project in the Caribbean Area (L.
Alexander)*
14. Conferences of interest to CHRIS
Docs: CHRIS-14-14A *Report on GEOMATICA 2002, Cuba, Feb. 2002 (IHB)*
CHRIS-14-14C *Report on MEH Conference, Indonesia, May 2002 (IHB)*
15. Open ECDIS Forum
Doc: CHRIS-14-15A *Report on OEF Activities (L. Alexander)*
16. Liaison with other Groups
- 16.1 ISO-TC211 (Geographic Information-Geomatics)
Doc: CHRIS-14-16.1A *Report on TC211 Activities in relation to CHRIS (T.
Pharaoh)*
- 16.2 ICA Commission on Spatial Data Standards
Doc: CHRIS-14-16.2A *Report on Activities of ICA Spatial Standards Commission
(M. Huet)*
- 16.3 Other groups, e.g. IMO, IALA
Doc: CHRIS-14-16.3A *Relations with International Organizations (IHB)*
17. ECS Developments
Docs: CHRIS-14-17A *Draft ECS Data Standard – ISO 19379 (M. Rogoff)*
CHRIS-14-17B *Draft ECS Equipment Standard – RTCM (F. Ganjon)*

18. Raster Data Development
Doc: CHRIS-14-18A US Raster Navigational Chart Update Service (D. Enabnit)
19. Status of IHO Publications on ECDIS
Doc: CHRIS-14-19A IHO Publications on ECDIS (M. Huet)
20. Any Other Business
21. Date and Location of Next Meeting.