

REGIONAL ENC/ECDIS SEMINAR
(In conjunction with the 20th CHRIS Meeting)
Niteroi, RJ, Brazil, 5-6 November 2008

PROGRAMME AND TIMETABLE

DAY ONE

OPENING

0900-0905	Opening Remarks	Chairman (Ward)
0905-0910	Welcoming Speech	Host Country
0910-0920	Keynote Speech/Orientation	Host Country
0920-0940	Overview of IHO Standards and Specifications organisation	IHB (Huet)

ASSOCIATED STANDARDS

0940-0950	IMO Regulations and Associated Standards relating to ENCs and ECDIS	IHB (Ward)
0950-1025	S-100 and S-101 – <i>explanation and impact on HOs</i>	Chairman TSMAD (Greenslade)
1025	Photograph	
1030-1050	Morning Break (includes Group Photo)	

ENC COVERAGE

1000-1115	Assessment of Regional ENC Coverage and Availability – <i>what has been done, what is still to be done?</i>	IHB (Ward)
1115-1130	ENC Schemes for Regions B, C1 and C2 – <i>gaps, coordination plans and issues</i>	Brazil (Simões de Oliveira)
1130-1145	IHO WEND Principles – <i>overview, significance, issues</i>	Chairman WEND (Kampfer)

1145-1155	Questions / Discussion on ENC coverage and WEND Principles	
-----------	--	--

ENC PRODUCTION

1155-1200	ENC Production Options – <i>overview, HO obligations</i>	IHB (Ward)
1200-1230	ENC Production flow and unified database management systems – <i>typical systems, issues</i> Questions/discussion	CARIS (Hoggarth), ESRI (Ponce)
1230-1300	Impact of ENC production on HOs – <i>experiences of HOs – in-house production, outsourcing, bilateral cooperation</i>	France (Daniel), Germany (Jonas)
1300-1415	Midday Break	
1415-1445	Impact of ENC production on HOs – <i>experiences of HOs – in-house production, outsourcing, bilateral cooperation</i>	Australia (Prince), Brazil (Mandarino)
1445-1525	Alternative ENC Production – <i>outsourcing – what is available? what are the HO's roles and responsibilities to the Contractor?</i>	IIC (Conyon), Jeppesen (Bergmann)
1525-1545	Discussion on ENC Production options	
1545-1605	Afternoon Break	
1605-1625	Availability of Training and Assistance in ENC production – <i>UK Programs, IHO Capacity Building, Regional initiatives</i> Questions and discussion	UKHO (Nail)
	ENC DISTRIBUTION	

1625-1630	Distribution overview: <i>Outcomes of ECDIS Stakeholders' forum and Stakeholders' feedback</i>	IHB (Ward)
1630-1650	RENC Models - <i>Functions, Roles, Issues</i>	Primar (???) and IC-ENC (UKHO tba)
1650-1710	The View of VARs. <i>Licensing, Pricing, SENC Distribution, other Issues.</i>	Jeppesen Marine (Bergmann)
1710-1730	Summary of Day 1, Questions / Discussion	
1730	End of First Day	

DAY TWO

	ENC DISTRIBUTION (Continued)	
0900-0915	ENC Data Protection – <i>overview, who does what, Issues</i>	IC-ENC (UKHO tba)

ENC QUALITY / MAINTENANCE

0915-0945	Improving ENC Consistency and Presentation – <i>examples of the problems, WEND guidelines, S-65</i>	IHB (Ward)
0945-1000	ENC Updating – <i>T&P notices, ER updates, other issues</i>	IC-ENC (UKHO tba) and Primar (tba)
1000-1010	Questions / Discussion on Consistency, Updating and Maintenance	

OTHER STANDARDS / DATA

1010-1030	Developments and Impact of Digital Nautical Publications on HOs	UKHO (Acland)
1030-1050	Morning Break	
1050-1105	Developments and Impact of Inland ENCs/ECDIS on HOs	USACE (LaDue)
1105-1120	e-Navigation: Concept and Implementation - what it is, why important, and who is involved	HGMIO (Alexander)

	<ul style="list-style-type: none"> - relationship to ECDIS and ECS - challenges and opportunities associated with implementation - expected impact on HOs 	
1120-1150	<p>Marine Information Overlays: Development and Use</p> <ul style="list-style-type: none"> - relationship to current and future IHO standards (e.g., S-57 --> S-100) - use AIS Binary Messages - relationship to ECDIS, ECS, ENC's and RNC's. - some examples of both static and dynamic applications. 	HGMIO (Alexander)

DISCUSSION AND CONCLUSION

1150-1300	Recommendations/ Solutions to improve the production and availability of ENC's in the Region	
-----------	--	--

1300

End of Seminar
