

18th CHRIS MEETING

Cairns, Australia, 25-29 September 2006

Report of the TSMADWG to CHRIS 18

Transfer Standard Maintenance and Application Development Working Group

Submitted by:	Chairman, TSMADWG
Related Documents:	CHRIS Letter No. 1/2006 CHRIS18-3B, List of Actions from CHRIS17
Related Projects:	NA

Chair: Michael Brown, USA, NOAA

Vice Chair: Barrie Greenslade, UK

Secretary: Anthony Pharaoh, IHB

Member States: Australia, Belgium, Canada, Denmark, Estonia, Finland, France, Germany, Italy, Japan, Republic of Korea, Netherlands, New Zealand, Norway, Republic of South Africa, Singapore, Spain, Sweden, United Kingdom, United States of America and Venezuela.

Expert Contributors: The International Centre for ENC's (IC-ENC), PRIMAR Stavanger, Caris (Canada and Netherlands), C-Map (Italy), HSA Systems (Australia), IDON Technologies (Canada), IIC Technologies (Canada), Joint Geospatial Support Facility (New Zealand), MITRE (USA), SevenCs (Germany), T-Kartor (Sweden), Tokimec (Japan), and Transas (Russia).

Meetings Held During Reporting Period

1. TSMAD 12, 7-8 November, 2005, Wollongong, Australia
2. TSMAD SubWG 9, 9-11 November, 2005, Wollongong, Australia
3. TSMAD SubWG 10, 15-19 May, 2006, Brest, France
4. TSMAD 13, 18-22 September, 2006, Wellington, New Zealand

Work Program

Progress continues on the work items assigned by CHRIS.

Please refer to Annex A for more details.

Progress on CHRIS Action Items

Action items referenced from CHRIS18-3B, List of Actions from CHRIS17 and Status:

- 17/5/1 – TSMAD Chair to draft a letter to ECDIS manufacturers / users on the purpose and use of S-58, which will be forwarded by IHB. Status – letter drafted and forwarded to CHRIS Chairman.
- 17/5/4 – TSMAD to develop e3.1.1 of the ENC Product Specification, with target date of September 2006 (CHRIS18) for completion. Status – document completed and finalized at TSMAD13 for CHRIS approval.
- 17/5/6 – TSMAD to continue development work on S-100, and to commence work on S-101, with target dates of end 2007 and end 2012 for publication, respectively. Status – in progress.
- 17/5/7 – TSMAD to submit an impact statement and detailed project plan for the ongoing development of S-100 and S-101, for consideration at CHRIS18. Status – after some discussion with the CHRIS Chairman, work on this item was delayed until after work on 3.1.1 was completed.

Problems Encountered

In general, a shortage of available resources with the necessary technical knowledge and time to work on the standards keeps progress slow.

Any Other Items of Note

Meeting minutes and documentation are posted on the IHO Web site.

Conclusions and Recommended Actions

CHRIS 18 is invited to endorse the continued activity of TSMADWG.

CHRIS 18 is invited to approve the release of the final version of the document “Enhancements Required to Encode S-57 Edition 3.1.1 ENC Data”.

Justification and Impacts

Not applicable.

Action Required of CHRIS

The CHRIS is invited to note this report and endorse the continuance of the Work Plan.

Annex A: TSMAD Work Program

Work Item	Start	Est. End	End	Done (in %)
2.1 Develop new Feature Data Dictionary	Oct-02			90
Documentation				
Working Draft			Jul-06	
Promoted to CD				
Comittee Draft				
Promoted to FD				
Final Draft		Oct-06		
Approved Component		Jan-07		
Registry Implementation		Feb-07		
2.2 Develop new ENC Product Specification	Oct-02			2
Documentation				
Working Draft				
Promoted to CD				
Comittee Draft				
Promoted to FD				
Final Draft				
Approved Component				
2.3 Develop extensions for imagery and gridded data	Oct-02			100
Documentation				
Working Draft			Apr-05	
Promoted to CD			Sep-05	
Comittee Draft			Nov-05	
Promoted to FD			Nov-05	
Final Draft			Nov-05	
Approved Component			May-06	
2.4 Develop requirements for temporal and 3D				
2.5 Implement relevant metadata standard	Oct-02			90
Documentation				
Working Draft			May-06	

Promoted to CD			
Comittee Draft			Jul-06
Promoted to FD			
Final Draft		Sep-06	
Approved Component		Apr-07	
Register Component			
2.6 Develop S100 Core Components	Oct-02		
1D-2D Spatial Profile			90%
Working Draft	Oct-02	Dec-06	
Promoted to CD			
Comittee Draft		Mar-07	
Promoted to FD			
Final Draft		Apr-07	
3D Spatial Profile			80%
Working Draft	Sep-04	Dec-06	
Promoted to CD			
Comittee Draft		Mar-07	
Promoted to FD			
Final Draft		Apr-07	
Coordinate Reference System			80%
Working Draft	May-04	Mar-07	
Promoted to CD			
Comittee Draft		Mar-07	
Promoted to FD			
Final Draft		Jun-07	
Application Schema Template			75%
Working Draft	Sep-04	Mar-07	
Promoted to CD			
Comittee Draft		Apr-07	
Promoted to FD			
Final Draft		Jul-07	
Encoding Schemas	Sep-06		0%
Working Draft			
Promoted to CD			
Comittee Draft			

Promoted to FD
Final Draft

2.7 Develop a Hydrographic Survey Product Specification

Oct-02

20

2.8 Portrayals (dormant)

Oct-02

2.9 Develop a Digital Paper Chart Product Specification

Oct-02

20

Digital Repromat

Documentation

Working Draft

Promoted to CD

Comittee Draft

Promoted to FD

Final Draft

Approved Component

Print on Demand

Documentation

Working Draft

Promoted to CD

Comittee Draft

Promoted to FD

Final Draft

Approved Component

2.10 Liaison with non IHO constituents

Jun-04

Liaise with non IHO constituents

Ongoing