

**2<sup>nd</sup> IHO-HSSC Meeting  
Rostock, Germany, 26-29 October 2010**

**Paper for Consideration by HSSC-2**

**Report of the Data Protection Scheme Working Group (DPSWG)**

<b><i>Submitted by:</i></b>	Jonathan Pritchard, UKHO, Chair
<b><i>Executive Summary:</i></b>	This report describes the activities of the DPSWG during the past year.
<b><i>Related Documents:</i></b>	None
<b><i>Related Projects:</i></b>	None

**Meetings Held During Reporting Period**

No IHO S-63 meetings have been held this year. S-63 has received attention as part of stakeholder discussions on S-101 and some progress has been made in focusing attention on the revisions to the standard that are required.

**Date and Venue for Next Meeting**

None planned at this time.

**Work Program**

The current version of S-63 remains at 1.1.1 (essentially 1.1 with extra comments) and no updated drafts have been produced this year. Numerous support requests have been attended to with the help of DPSWG members and the number of OEMs within the scheme continues to grow (it currently stands at 145). A decision was taken to extend the numbering scheme for M\_ID/M\_KEYS outside pure numerical values and no issues have been recorded with this.

In terms of future editions of S-63 workshops and working groups have met this year surrounding S-101 and the first edition of the product specification for ENC and S-63 has been included in those discussions. Progress was made identifying requirements for a future version but no drafting of another edition has yet taken place. S-101 is now much more advanced and the encoding is much more well defined than last year. Additionally the Data Supply Chain Certification correspondence group has focused attention on various aspects of S-63 in a more rigorous quality based approach to ensuring data integrity. It is planned to take some of the concepts into S-63 discussions and into the wider S-63 community over the coming year when attempting to draft the new standard.

There is a need to actually draft a candidate standard which would meet stakeholder requirements for S-101 and, potentially, to support future product standards in the S-10x family for at least hard media distribution of data. This should at least replicate the facilities for compression, encryption and data integrity assurance within S-63 but work closer with S-101 draft product specification. Online distribution of ENC data also needs to be considered with data integrity, quality and distribution mechanisms at least equivalent to S-63.

The DPSWG therefore proposes to HSSC the following work programme for 2010-2011:

- Continue to provide support to users of the S-63 Protection Scheme with IHB consultation.
- Provide information to OEMs, Data Servers and IHO working groups on migration to S-63 edition 1.1.1 from edition 1.0
- Hold appropriate meetings, forums and workshops to define S-63 edition 2.0 in conjunction with the development of S-101.

### **Actions Required of HSSC**

HSSC is invited to:

1. Note the content of this report
2. Approve the work programme proposed:
  - a. To monitor adoption of S-63 edition 1.1.1 by OEMs and Data Servers and to respond to industry queries.
  - b. To continue the work of supporting S-63 edition 1.\* users
  - c. To commence definition of S-63 edition 2.0

# IHO Data Protection Scheme Working Group (DPSWG)

## Proposed Work Plan 2010-2011

### 1 Work Plan 2010-11

- A Provide technical and operational support to Data Servers and OEMs developing or operating systems or services compliant with S-63.
- B Produce new edition of S-63 to complement S-101

Task	Work item	Priority *	Milestones	Start Date	End Date	Status **	Contact Person(s)	Affected Pubs/Standard
A.1	Provide S-63 technical and operational support to Data Servers and OEMs	H	Ongoing	01.08.03		O	DPSWG members	S-63 edition 1.0/1.1
B.2	Develop a more detailed work plan for future standards relating to Data Protection and Security of ENC data.	H	Ongoing	01.10.08		C	DPSWG members	S-63, S-101
B.1	Engage stakeholders in drafting of new edition of S-63 to support S-101 development	H	Ongoing	1.9.10		O	DPSWG members	S-63, S-101

#### 1.1 Meetings

Date	Location	Activity
24-25 Nov. 2003	IHB, Monaco	DPSWG 3
22-23 June 2004	IHB, Monaco	DPSWG 4
31 Aug - 1 Sept 2006	IHB, Monaco	DPSWG 5
28-30 May 2007	IHB, Monaco	DPSWG 6
31st March – 1st April 2009	IHB Monaco	DPSWG 7

\* H = High, M = Medium, L = Low

\*\* P = Planned, O = Ongoing, C = Completed

**IHO Data Protection Scheme Working Group (DPSWG)  
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