



# HSSC5 DPSWG report



# Principal activities and achievements

- ✦ DPSWG9 meeting February 2013, Monaco
- ✦ Data servers and end user migration to S631.1
- ✦ TSMAD liaison on new edition.
- ✦ IEC liaison within existing standard
- ✦ The way forward



# Scheme Status:

- ✦ Scheme participants now at 238 (218 – 2012).
- ✦ Support to scheme continues from group membership
- ✦ Group meeting in Feb 2013
  - New Edition for S-100
  - Reviewed migration plans for S-63 1.1
  - Considered issues over migration
  - Requests for clarification



# DPSWG9 Meeting summary

## ✦ Three main elements

- Request for assistance / clarification from IEC for support to 61174. A section on up to datedness drafted as as S63 annex.
  - To be published in 2014. No impact to oems or users. No need or desire to impact users through changes to existing std. Changes will complement iec61174 and give benefit to users.
  - Minor typos and clarifications + S64 update
- Migration to S-63 edition 1.1.
- The New Edition.
  - New edition guidelines agreed
  - Split proposed between S-100 and S-63
  - Structure, Algorithms, required metadata



# Migration to S-63 edition 1.1

## ✦ **The benefits (Why)**

- Elimination of error messages experienced by end users
- Introduction of large media support
- Compliance across all participants with latest version of data protection scheme.

## ✦ **The methods (How)**

- Duplicate systems for distribution in place
- Contact and promotion with distributors to establish age of customer systems
- Migration of customers via one time process. Test dataset for ECDIS.
- Support to customers with problems
- Media migration
- Cutover and discontinuation of 1.0 systems

## ✦ **The timetable (When)**

- Default offering now 1.1 to customers
- Large media in place
- Standards compliance highlighted to end users



# Some higher level perspective

- ✦ The migration to S63 1.1 shows the difficulties of the current regime in keeping end users up to date with standards
- ✦ The end user and ECDIS manufacturer have no mandatory need to keep a pre type-approved system up to date as standards develop.
- ✦ This is a difficult environment to introduce change to even when it benefits the user. S100 model of flexible standards for the future should be a model in distribution too.
- ✦ From DPSWG perspective the working group structure
  - Must help existing and future users of the scheme (support)
  - Must contribute to a more simplified, streamlined and harmonised operation (development)
  - Must apportion resources better internally and externally.



# The current standard

- ✦ No structural changes needed
- ✦ No impact on current end users proposed so no “upgrades” required.
- ✦ Current items being processed are
  - Support IEC proposal for an ECDIS report on up to date status of chart holdings within a service.
  - Clarifies how ECDIS should report update status to user
  - Annex drafted with example content of report
  - Introduction with new edition of IEC61174
  - Minor typos and clarifications. No end user or distributor impact



# New edition of standard

- ✦ Structure will remain as current. IHB to administer the scheme and enrol/maintain participants
- ✦ Algorithms remain in place (but pluggable)
- ✦ Formats to be upgraded/simplified.
- ✦ Data integrity to be dealt with by S-100. Can be used by all S-10x products
- ✦ Simplified data management for ECDIS
- ✦ Framework to be submitted for review/modification at DPSWG10
- ✦ The benefits of hindsight!





# Obstacles!

- ✦ Normal resource conflicts.
  - Core group members have many commitments
  - Hard to split New Edition from working issues.
- ✦ Meeting scheduling
  - Difficult to schedule the right people together
  - Will try this year to combine with other meetings
- ✦ Drafting/Testing



# DPSWG work plan

- ✦ Work within whatever structure is in place to secure member state requirements for data protection and integrity
- ✦ Continue to support the operation of the scheme and the IHB staff involved
- ✦ Draft new content to support S-100 products. Data integrity mechanisms to be separate from data protection and distribution.
- ✦ Release new minor edition including status reports to complement IEC 61174 new edition
- ✦ Complete update of S-64 test data content.



# Action required of HSSC

- ✦ Endorsement of work plan items.
  - Continuation of support to IHB
  - Drafting of new edition of standard
- ✦ Take note of:
  - Effort of participants in migration to S-63 edition 1.1
  - Support given by IHB to scheme

