



Hydrographic Services and Standards Committee

*CIRM Activities affecting HSSC*

*Presented at HSSC 5*

Michael Bergmann

President CIRM

# Principal activities and achievements

- ✦ In representing CIRM the marine electronic industry CIRM identified key focus areas affecting HSSC:
  - ECDIS
  - E-Navigation
  - Type Approval
  - Software updating Regime



# CIRM Focus Area “ECDIS”

CIRM focuses on implementation and maintenance issues associated with ECDIS:

- Active standards and legacy systems
- ECDIS “anomalies”
- ECDIS regulatory environment and Performance Standards
- MED issues in Europe
- Issues associated with Port State Control inspections



# CIRM Focus Area “e-Navigation”

- ✦ CIRM works closely with IALA and IMO
- ✦ While supporting the shore side through implementations for VTS and others, the ship side of e-Navigation is a key focus area
- ✦ Besides IHO other organizations like ICS, BIMCO or IMPA are relevant partners for CIRM on this topic.



# CIRM Focus Area “Type Approval”

- ✦ CIRM is in discussion with IMO on the current Type Approval regime
- ✦ The implementation of S-100 concept may require changes
- ✦ More clarity is needed on Type Approval validity and expiration
- ✦ Annual Performance Checks of ECDIS and other systems are in discussion



# CIRM Focus Area “Software Updating”

- ✦ Software updating and maintenance is to be addressed in regulations
- ✦ Changes in IHO standards have to be possible with limited financial impact of shipping
- ✦ Identified software deficiencies need to be resolved



# Future work programme

- ✦ CIRM will continue the work in mentioned focus areas
- ✦ CIRM is evaluating the possibility of the creation of a CIRM hosted portal for ECDIS related standards, referencing organizations like IHO, IEC or RTCM
- ✦ CIRM is continuing the close relationship with IHO, IEC and other relevant organizations



# Future work programme

- ✦ CIRM is in a process to change the working structure:
  - creating a “Technical Steering Committee”
  - Recruiting a “Chief Technical Officer”
  - Improve the utilization of technical experts from member companies
  - Increase collaboration with other relevant organizations





# Action requested of HSSC

- ✦ HSSC is invited to
  - note the CIRM report
  - encourage the HSSC WG to collaborate with CIRM

