



14th Meeting of the Hydrographic Services and Standards Committee

CIRM activities affecting HSSC

Agenda Item 7.5

HSSC-14, Denpasar, Bali, Indonesia - Hybrid Event, 16 – 19 May 2022



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ABOUT CIRM

International
Hydrographic
Organization

- International association of marine electronics companies
- We are an NGO in Consultative Status to IMO
- Approx. 110 members, including:
 - Equipment manufacturers
 - Service providers
 - System integrators
 - ECDIS companies – manufacturers, kernel makers, data providers (UKHO, NOAA)



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CIRM SECRETARIAT CHANGES

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- **Richard Doherty** Secretary-General *(effective April 2022)*
- **Frances Baskerville** Senior Vice-President *(effective April 2022)*
- **Mike Richards** Technical Officer *(appointed Feb 2022)*
- **Jane van Tonder** Financial Controller
- **Colleen Wyatt** Executive Assistant
- **Kim Fisher** Technical Consultant



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UPCOMING CIRM MEETINGS

International
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Organization

CIRM
Annual Technical
Workshop 2022
Belfast, UK
30 May - 1 June

sponsored by
Sperry Marine

CIRM
Annual Conference 2022
Malta, 17-20 October

Sperry Marine danelec JOTRON JRC ALPHATRON Marine FURUNO

Q2 2023



Joint
conference,
Miami



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REVISION OF MSC.1/CIRC.1503/REV.1

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- IMO Circular **MSC.1/Circ.1503/Rev.1** is being revised to assist ECDIS type approval process
- Work will be considered at NCSR 9 (June 2022) and NCSR 10 (May 2023)
- CIRM collaborated with China-led group to prepare initial draft revision, submitted as paper **NCSR 9/16/2:**
 - considers principles, procedures and documentation for updates of onboard ECDIS to demonstrate ongoing compliance
 - proposes draft amendments to MSC.1/Circ.1503/Rev.1



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REVISION OF MSC.1/CIRC.1503/REV.1

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- Other relevant papers submitted to NCSR 9:
 - NCSR 9/16 - *Proposed amendments to MSC.1/Circ.1503/Rev.1* (OCIMF)
 - NCSR 9/16/3 - *Comments on document NCSR 9/16* (CIRM)



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AMENDMENTS TO MSC.232(82)

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- ECDIS performance standard **MSC.232(82)** is being amended to introduce support for S-101 ENC's
- Work will be considered at NCSR 9 (June 2022) and NCSR 10 (May 2023)
- CIRM collaborated with IHO-led group to prepare initial draft revision, submitted as paper **NCSR 9/16/1**:
 - proposes amendments to MSC.232(82) to support S-101 ENC's
 - proposes further amendments on e.g. route exchange, dynamic water level adjustment, safety contour alarm, BAM compliance, etc.



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LIMITED DEPTH DATA IN S-57 ECDIS

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- CIRM agrees that limited resolution of bathymetric data available in current ECDIS is a shortcoming to be addressed
- CIRM welcomes efforts to encourage increased production of HD-ENCs, viewing this as a practical solution to the problem
- HD-ENCs can be used in current ECDIS without a need to upgrade the system
- This solution keeps S-100 ECDIS & “legacy ECDIS” separate, avoiding confusion in the market



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S-100 ECDIS AND DUAL-FUEL MODE

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- CIRM is supporting work of IHO to develop concept of Dual-Fuel mode of operation
- We support the need to get it right; also believe IMO should specify an end date for S-101 transition period
- We participated in industry workshops convened by Jonathan Pritchard
- Will consider in further detail at 2022 CIRM Annual Conference in Malta (October) – *IHO Secretariat unavailable*



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ACTIONS REQUESTED FROM HSSC

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1. Note the successful cooperation between CIRM and IHO in preparation of amendments to MSC.232(82)
2. Note that CIRM will consider Dual-Fuel ECDIS concept further at Annual Conference in Malta, October 2022
3. Note CIRM's view that the best solution to address limited availability of depth data in current ECDIS is to increase production of HD-ENCs