

MSDIWG14

14th Meeting of the International Hydrographic Organization Marine Spatial Data Infrastructures Working Group

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Annex

- Open source MSDI
- Proprietary MSDI



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- 1.1. C-17 overview
- ✓ Purpose and scope.
- ✓ Target audience.
- ✓ How it should be used.
- ✓ Chapter structure.

- 1.2. What is a Spatial Data Infrastructure (SDI)
 - 1.2.1. Types of SDI
- ✓ What is geospatial data.
- ✓ Importance of geospatial data for decision making.
- ✓ Origins of SDI.
- ✓ Definition of SDI.
 - ✓ SDI hierarchy, scale and scope.



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- 1.3. MSDI and open marine geospatial data value
- ✓ MSDI definition.
- ✓ Value and applications for marine data.
- ✓ HOs roles and approaches.



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- 1.4. MSDI architecture
- ✓ MSDI typical architecture.
- ✓ Client-server architecture.
- ✓ Web services.
- ✓ Physical components.



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- 1.5. Data management principles
 - 1.5.1. DIKW (data, information, knowledge, wisdom) hierarchy
 - 1.5.2. FAIR principles
 - 1.5.3. Quality management system
 - ✓ DIKW hierarchy (definitions, relations, transformations).
 - ✓ FAIR principles (findable, accessible, interoperable, reusable, traceability, licensure, connectedness).
 - ✓ Quality management principles



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- 1. Introduction and background the current landscape
 - 1.6. IHO implementation status
 - ✓ Link to web map with coastal states MSDIs.



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Annex

- Open source MSDI
- Proprietary MSDI
- ✓ Architecture and components of a MSDI.







