



MSDIWG

eLearning Update

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MSDI Training Materials

- Current Training Materials comprise
 - MSDI Orientation
 - MSDI Fundamentals
 - eLearning Course
- eLearning course is available online via YouTube or via an interactive video hosted by IHO
- IHO also host the landing page with links to the training materials



This page contains links to MSDI training materials created for the MSDIWG by IIC Technologies together with input from DGA and IHO in 2019. Links to PDF copies of training booklets and slides are below as well as an eLearning course for self-study. The materials are designed to be used either individually or in a group or workshop context.

MSDI Orientation. This is a basic short course designed for stakeholders with little or no experience of MSDI. It concentrates on the basic concepts and definitions required along with examples and simple illustrations of MSDI. The links below contain PDF copies of training material slides and a booklet with explanatory notes and background information on the training materials.

[MSDI Orientation - Presentation Slides](#)

[MSDI Orientation - Training Booklet](#)



Fundamentals of MSDI. These training materials are aimed at professionals with a marine geospatial background but with little direct experience of MSDI implementation. They contain more detailed descriptions and examples drawn from a hydrographic context. Links are given to the training material guides and slides.

[MSDI Fundamentals - Presentation Slides](#)

[MSDI Fundamentals - Training Booklet](#)



An interactive eLearning course has also been produced. The course takes around 3 hours and is a combination of material from the Orientation and Fundamentals training materials.

[MSDI Fundamentals - interactive eLearning Course](#)

MSDI training materials constructed by (IIC) together with input from DGA and IHO

Training Materials Recommendations



- Better guidance in the landing page about how to “use” the materials.
 - Redesign page to fit IHO web page look and feel better
 - Use of materials for participants
 - How to feedback
 - How to use the slides in a group context
 - Supplement with workshop exercises
 - How to find local/regional examples to illustrate the basic concepts

- MSDI is about multi-thematic information, not products. Important to bring this concept out more and use it as an essential. Demonstrate with examples.

- Use more examples and then show theory behind them. Use the worked example of an MSDI better.


- Present less of the “very basics” and introduce more of the important MSDI concepts derived from them.

- Defining “M” in MSDI – Information regarding Marine / Maritime definitions and common uses.

- Orient more towards non-English speakers in publication and notes.

Training Materials Recommendations

- Split interactive materials into several components
 - Should be possible to complete individually
 - Structure around individual themes
 - Use the Interactive/Quiz methods more
- Concepts to Add to training materials
 - More discussion of “Cloud”
 - Data: API vs data “transfer”
 - “restricted” use cases
 - More on data themes + examples e.g. INSPIRE and UN-GGIM?
- Focus on MSDI – IHO
 - Key use cases for Hydrographic Offices
- MSDI in relation to frameworks
 - UN-GGIM/IGIF and relationship to MSDI including common concepts
 - OGC – bring in OGC architecture aims
 - S-100 and the IHO geospatial registry
 - Use links to point to key resources from other bodies

 Themes: groupings of data for re-use

- Many (M)SDI components group data into “themes” which are designed to enable use of data in a wider context
- Themes use the definition of features to group them by common characteristics
- Theme – a high level categorisation of subject matter (UN-GGIM)
- This can be highly subjective and domain specific however!

