Paper for Consideration by MSDIWG

GeoSpace-Sea report on IHO e-learning material assessment

Submitted by:	Singapore (IHO Member State)
Executive Summary:	Singapore reviewed the available e-learning materials in Jan 2023 and shares the findings
Related Documents:	MSDIWG action 07/2022
Related Projects:	IHO e-earning centre

Introduction/Background

MSDIWG14 invited WG members to review the available e-learning training materials. Singapore participated by reviewing the e-learning training materials provided.
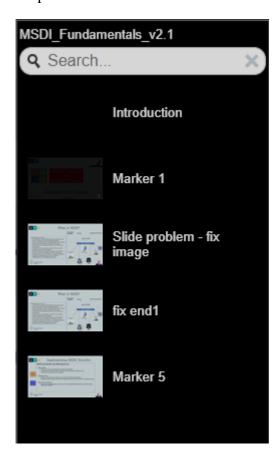
Analyses/Discussion

The request to review the e-learning material was made at MSDIWG14 and Singapore's feedback summarised in table below.

Question	Response
How was the access to the eLearning portal?	Signup and access to the elearning portal was done with ease.
Does the portal provide necessary information regarding MSDIs?	Yes, it provides links to the actual MSDI course which it is a self-learning course.
What do you think is the level of knowledge that is presented by the eLearning portal's content? (High/Medium/Low)	The level of knowledge enables individuals to delve in deeper on MSDI. Part 1 on introduction is focused on low-level of knowledge, easy for beginners to the topic. Part 2 to 4 are medium level of knowledge, which may require some geospatial, technological background to better understand the concepts that were presented.
Is the eLearning portal's content explained sufficiently in a manner for individuals not familiar with the topic?	The eLearning portal's content were explained sufficiently, having some background knowledge on geospatial information would have been helpful.
Was the content of the slides easy to read and understand?	Content of the slides were designed in a simple manner and the presentation was easy to understand as well.
Were there any other important aspects in relation to MSDI that were omitted?	An important aspect that could be further elaborated on would be the use cases of MSDI. This will involve showing various implementation of MSDIs and their application towards the country's or

Question	Response
	government agencies' projects/uses. Doing so will enable the individual to have a better idea on MSDI implementation and how it can be related back to their own area of work.
Was the content provided too long or too short?	The content provided was just nice.

Other Comments/Feedback:

- Given that this is a beginner course for individuals to understand the MSDI concept, there could be an advanced course that follows-up on the topics that were presented in the course itself. For example, expanding upon topics such as APIs, database management, metadata, technology, and marine geospatial data. The advanced lessons could be designed as 15-20 minutes lessons that delves deeper into these topics for eLearning individuals who might be data managers and/or administrators working with MSDIs.

- The video that was uploaded for the MSDI lesson could not be played. In addition, the video does not have a scrollable playback button that enables the user to fast forward or return if he/she wishes to. The bookmarks provided for the video could be better integrated as checkpoints for the learning content on MSDI, the bookmarks at present do not give an overview of the content and do not assist the learner in jumping between chapters. This is seen in the screenshot below:

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Action required of MSDIWG:

The MSDIWG is invited to:

a. Note the report.

b. Address the revision of the e-learning material, considering the assessment results.