

**5th Marine Spatial Data Infrastructure Working Group Meeting  
(MSDIWG)**

**Silver Spring, Maryland, United States, February 5-7, 2014**

**Sub Group E:**

**Task:** *Maintain and extend Publication IHO MSDI C-17 (IHO Task 2.9.2 refers)*

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| E.1 | <p>Conduct a review of MSDI that includes conceptual descriptions of the four sub-areas of MSDI as per:</p> <ul style="list-style-type: none"> <li>- Technical issues</li> <li>- Governance</li> <li>- Standards and specifications</li> <li>- Content (data)</li> </ul> | H | <p>Update information</p> <p>Provide case studies</p> <p>Best practice guidelines defined</p> <p>Fundamentals of MSDI:</p> <p><u>Technical issues</u></p> <ul style="list-style-type: none"> <li>-Locate standards in place for interoperability</li> <li>-Mechanisms in place for publishing data</li> </ul> <p><u>Governance</u></p> <p>Define key challenges in respect of:</p> <ul style="list-style-type: none"> <li>-Identify organisational attitudes</li> <li>-Define release mechanisms</li> <li>-Understand user needs</li> <li>-Standards and specifications</li> <li>-Content (data)</li> <li>-Change management</li> </ul> <p><u>Standards and specifications</u></p> <ul style="list-style-type: none"> <li>-Status of adopted technical standards</li> <li>-Status of new IHO data specifications</li> </ul> <p><u>Content (data)</u></p> <ul style="list-style-type: none"> <li>-Report in –“Is data fit for purpose for inclusion in SDI”</li> </ul> | Jan 2014 | Oct 2015 | P | <p>Mike Osborne (OceanWise - UK); James Rapaport (Caris - Canada); Rafael Ponce (Esri - USA)</p> | <p>C 17<br/>C-17/CBSC<br/>MSDI<br/>Syllabus,<br/>INSPIRE,<br/>OGC, ISO,<br/>IHO,<br/>RHC reports,<br/>MSDIWG MS<br/>inputs</p> |  |
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| E.2 | Monitor technical developments in relation to MSDI                 | H | <p>Define the scope of the work related to interoperability</p> <p>Monitor developments</p> <p>Provide status report to MSDIWG including recommendations on how to proceed</p> <p>Standing WG Agenda item</p>   | Jun 2014 | Jan 2018 | P | Ellen Vos (Vice Chair)   | TSMAD |  |
| E.3 | Determine hydrographic data set(s) that should be included in MSDI | H | <p>Prioritize data layers by usefulness to non- navigational sectors</p> <p>Identify priority order of importance (High, medium, low)</p> <p>Establish top 10 list</p> <p>Identify "core" reference datasets for MSDI</p> <p>Define publishing mechanism for sharing data</p> | Jan 2013 | Jan 2015 | O | <p>Core Data Task Group:</p> <p>Chair - Mike Osborne (OceanWise); P. Valing (Estonia); G. Homes (Aus); C. Texier (France); F. Ros (Spain); R.Rios (Argentina); S.Grammann (Germany).</p> |       |  |