



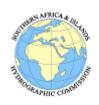
## Why "Best Practise" Data Management is Key to Enabling Hydrographic Capability"

## Fundamentals of Best Practise Data Management and Marine Spatial Data Infrastructure (MSDI) Workshop

## Monday 21<sup>st</sup> September 2015

| Time        | Pagarintian Outcome   |   |  |
|-------------|---|---|--|
| 1330 - 1335 | Description Introduction  | Outcome   |  |
| 1550 - 1555 | <ul> <li>Welcome</li> <li>Objectives of the Session</li> <li>IHO Policy drivers</li> </ul>  |   |  |
| 1335 - 1400 | Part 1: Spatial Data Infrastructure Instructor presentation on SDI:  What it is and what it is not!  Policy and Governance (People)  Technical Standards (Standards)  Information Systems / Services (ICT)  Geographic Content (Data)                               | Have a basic understanding of spatial data infrastructures (SDI) and the important marine components (MSDI)   |  |
| 1400 - 1425 | Part 2: Wider use and applications of HO data Instructor led group discussion on:  The future role and viability of Hydrographic Offices Supporting "The Blue Economy" Hydrography is more than charting! HO's as a stakeholder in a SDI                            | Understand the strengths, weaknesses, opportunities and threats facing HO's and how HO's can contribute to the wider economy  |  |
| 1425 - 1450 | Part 3: Data Sharing and Efficiencies Instructor led group discussions introducing  Achieving best practise  Data sharing  Delivering operational efficiencies  | Have a knowledge and understanding of how other organisations are tackling SDI development at the national or regional level  |  |
| 1450 - 1515 | Part 4: Data Management "Best Practise" Instructor presentations providing a basic understanding of:  Data policies and principles Data management systems and design Metadata Sources of data Structure, attribution and relationships Versioning and data outputs | Have an understanding of the fundamentals of effective data management, database design structure and implementation and why metadata is as important as data itself! |  |
| 1515 - 1535 | BREAK FOR TEA & COFFEE  |   |  |
| 1535 - 1600 | Part 5: Technical Standards Presentation and Instructor led group discussion: the importance and role of data standards   | Gain a basic knowledge of standards employed in the geospatial world; the   |  |







|             | including the IHO S-100: <i>Geospatial Standard for Hydrographic Data</i> and extending S-100 for other products and services   | implications of S-100 for the HO community<br>and the opportunities to extend the S-1XX<br>specifications in a common manner   |
|-------------|---|--|
| 1600 - 1625 | Part 6: Introduction To Electronic Data Publishing Instructor presentation on the work of the Open Geospatial Consortia (OGC); Data Sharing and Network Services (Discover, View and Download)  | Have a knowledge of what publishing means using a variety of media and how web services are developing to assist the user to access metadata and data for onward use (including experience in Europe with INSPIRE) |
| 1625 - 1655 | Part 7: MSDI – Major Obstacles To Change and Progress? Instructor presentation introducing and addressing challenges:  People as individuals and as part of teams Organisational culture Organisational structures Making the case for change Making change happen Sustainable change     | Understand why "change" is mission critical to achieving best practise and delivering MSDI and why without the support of people, success is far from guaranteed!  |
| 1655 - 1725 | Part 8: Making Change Happen Instructor led group discussion about:  The factors that hinder development  How these can be overcome  Sympathetic communication with stakeholders  Understanding and appreciation of the value and benefit that change brings over time  Getting it Right! | Have the confidence and knowledge to manage and / or contribute to the change process and identify the benefits and opportunities of MSDI and the role HO's should play in NSDI                                    |
| 1725 - 1730 | Closure of Workshop   | Agree "take home" messages   |
|             | End of Briefing Session   |  |

Please note this programme may be subject to change