



PROJECT SUBMISSION MODEL

IDENTIFICATION

Project Number : ????

Project Name:	Development of a Regional Marine Spatial Data Infrastructure (MSDI) Workshop
Submitting RHC/Country:	Sultanate of Oman through ROPME Sea Area Hydrographic Commission (RSAHC)
Date:	Q3-Q4 in 2012
Institution executing the project:	ROPME Sea Area Hydrographic Commission (RSAHC)
Name of responsible:	D J Wyatt; Cdr RNO Hydrographer, Royal Navy of Oman and National Hydrographer, Oman
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GENERAL SPECIFICATIONS

(Please provide detailed information in Annex of no more than three pages)

Background information	<p>The IHO definition of Hydrography supports "...marine activities including economic development, security and defence, scientific research and environmental protection". One of the objectives of the organization identifies the importance of the development of the sciences in the field of hydrography and the techniques employed in descriptive oceanography.</p> <p>Within the HO community, there remains an incomplete understanding of the interacting systems and sciences that operate in the world's oceans and coastal areas. Pressure is now growing globally to improve that understanding. This Workshop approach highlights the relevance of MSDI in the development of a framework for Coastal and Marine Spatial Planning programs (MSP) at the sub national, national and/or regional levels. It provides an approach to introduce and inform how MSDI inter reacts as a component within the framework of a National Spatial Data Infrastructure (NSDI) through the development and later delivery of a series of global workshops. The workshops will utilize a panel of recognized leaders and experts in the various components of MSDI development as well expertise and experience in developing NSDI. The workshops will build on the work undertaken by the MSDIWG by providing a practical platform of knowledge transfer to enable MS's to engage and actively participate in MSDI and MSP development. In this way the HO community will be able to inform and shape the way MSDI is delivered.</p>
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Justification of the project	Regional and / or National requirement
Countries involved	ROPME Member and Associate States will be beneficiaries of this workshop
Exposition of the problem	Individual Nations cannot fully fund staff to undertake a recognized course in MSDI just at the time when they are required to respond to global challenges in the marine and coastal zone and in the development of digital hydrographic services. MSDI is the infrastructure framework necessary to deliver improved hydrographic data management and dissemination.
General objective	<p>There is a particular urgent need to address issues associated with MSDI in this region due to the conflicts in use of the regional sea space, dwindling resources, lack of up to date and reliable hydrographic and oceanographic data, the threats posed by climate change, coastal inundation and the need for parties to work more closely together to ensure long term economic and social sustainability.</p> <p>The workshop will enhance and increase understanding, confidence and provide practical insight to delegates as to what measures can be taken to develop and control this framework and what can be accomplished through development of a robust and active program of real time observations, data capture and evaluation, data management, data sharing, exchange and improved access to information to underpin modeling and visualization of the underwater and coastal environment. The workshop will develop the appreciation of what is needed and how to measure and understand interaction of systems and to monitor progress over time to reach defined goals.</p>
Specific objectives	Introduce MSDI to the attending delegates as the marine component of an SDI and provide practical assistance in developing capability at the regional and national level. MSDI encompasses all marine geographic and business information that supports decision making processes and asset management.
Outputs/Products	Increased and enhanced understanding of MSDI and its relevance to national, regional, and global development success through the provision of tools, solutions and case studies to engage and contribute to MSDI development.
Other deliverables	Creation of a new knowledge base within the IHO community which MS's can access and learn from. The workshop approach will be supported by FIG and IOC.
Achievements and awaited benefits	Creation of a new knowledge base within the IHO community which MS's can access and learn from. The workshop approach will be supported by IOC, IODE and FIG.
Schedule of activities	3 day course

RESOURCES

Contribution	Provision of training facilities in Oman. Venue t.b.c.
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by countries involved	
Contribution by other parties	3 international subject matter experts plus regional representation will be assembled to provide content preparation, organization, presentation of lectures, sharing of best practice, delivery of case studies and factual information for the workshop across the spectrum of SDI subject areas including Marine Spatial Planning, Data Management, Sharing and Re-use, Environment and Conservation as well as COP-10 UNEP Strategic Plan 2010-15 on Biodiversity.
Contribution expected from CBC Fund	Yes
Total Cost (euros)	€25,000 including 10% contingency costs
Breakdown of costs (subject to confirmation)	<p>Delegates (x12) Flights: 10 x €650 €6500* Hotel: 4 nights x 10 x €120 per night €4800* Per diem: 4 days x 10 x €48 per day €1920*</p> <p>Experts (x3) Flights: 3 x €1600 €4800 Hotel: 4 nights x 3 x €120 €1800 Per diem: 5 days x 3 x €48 per day €720</p> <p>Logistics Room: 3 days (provided by hosts) €0 A/V and IT (provided by hosts) €0 Ground Transport: €480 Refreshments: €480 Visas: €1000</p> <hr/> <p>TOTAL €22,500 *(excluding host nation delegates).</p>

From CBC Fund (item and amount)	Training & education	€25,000
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PROJECT SUMMARY

Sponsor RHC	Year of Execution	Country/ Countries involved	Priority/ Status	Project Name	Project Objective	Benefits	Assistance required	Cost	Allocation and Priority (to be filled by CBC)	Contact Person

Name and Signature of the RHC Chairman

