# MSDI WG

# Group 4 – Key messages for MSDIWG submission to IHC 2017 Conference

### The Who and What:

1. National HO’s be the authoritative owner and provider of marine foundational information supporting the Maritime Spatial Data Infrastructure.
2. Regional Hydrographic Commissions be the coordinating and monitoring regional bodies that drive, communicate and promoting role of national HO’s within the regional MSDI efforts, regional data sharing
3. The International Hydrographic Organization will formalize relations between IHO and other SDI stakeholder groups and through active participation in these groups to strengthen understanding and knowledge of the role of hydrography in MSDI.

### The Why:

* In a world of geospatial information, National HO’s, RHC’s and the IHO, are the marine foundational information authorities.
* **If we do not provide the next generation MSDI – others will**

1. The challenges:
   * Current HO focus on products
   * Products supporting a single customer
   * Risk adverse due to Safety of Life at Sea
   * Fractured governance model (GEO may have managed this)
   * Current IGO and coordinating bodies are structured to meet domain issues (IHO, IALA, IOC, IMO etc)

### The How:

* Create an innovative climate to address the future of authoritative foundational marine information management.

1. Realize: Maritime data is a national and global asset.
2. Move towards: Data centricity – products are an output
3. Recognize: Other actors in the Geospatial field
   * UN-GGIM
   * OGC
   * ISO etc.
4. Educate: MS HO’s regarding MSDI
   * Update White Paper
     + Results of the latest survey.
     + Broader audience than SoN users.
     + Include best practice.
   * Build the knowledge within the next generation workforce
5. Celebrate: our history and strengths!
   * Global engagement
   * Standards management
   * Quality data and broader quality management
   * Cooperation across national boarders
   * Regional communication and cooperation

* What is the ask to the IHC?
* Recommendation:
* Formal acceptance of the roadmap – what form is this roadmap?
* Principle?
* Goal?
* Note: 2007 submitted an MSDI roadmap – basic text supplied below
* Note the 10 yr anniversary and need to recommit to the updated roadmap that acknowledge the current situation with an eye on the future.
* Updated C-17
* White Paper
* Noting the effect of the eduction program
* Noting the need for all HO’s to be educated in MSDI
* How to energize the HO’s latest generation of the workforce?
* Continue the MDSI WG

## Decision 13, Proposal 13 from the 4th EIHC

* The 4th EIHC adopted the proposed Resolution as follows:
* A1.xx Marine Spatial Data Infrastructure (MSDI) Policy

1. The IHO will support Member States in the identification, development and implementation of an appropriate role in national Spatial Data Infrastructure (SDI) and MSDI initiatives. This will be achieved through:
   1. The development and maintenance of a Special Publication that will provide a definitive procedural guide to establishing the role of the national hydrographic authority in MSDI.
   2. Developing an MSDI capacity building plan comprising knowledge transfer and training to Member States.
   3. Developing and managing a web-based facility to encourage knowledge transfer, best practice and provision of online guidance and training material.
   4. Formalising relations between IHO and other SDI stakeholder groups and through actively participating in these groups to strengthen understanding and knowledge of the role of hydrography in MSDI.
2. IHO Regional Hydrographic Commissions are encouraged to monitor and report progress in Member States’ MSDI engagement and development as a means of benchmarking the role of the national hydrographic authority in MSDI.