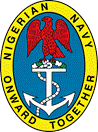
**Regional Awareness Seminar on Maritime Geospatial Knowledge**

**“The provision of hydrographic services” & “New IT technologies: MSI & MSDI”**

**Nigeria – Lagos – Radisson Blue hotel**

**15 and 16 October 2018**

**Hosted by:**



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|  | **Flag_of_Nigeria** |  |



**PROGRAMME (**Version: 17 September 2018)

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| **Day 1 – Monday 15 October 2018**  **Awareness – The provision of hydrographic services** | | | |
| **Time** | **Event** | **Content** | **Chair/Presenter** |
| 09 : 00 -  10 : 00 | Registration |  |  |
| 10 : 00  10 : 10  10 : 20  10 : 25  10 : 30  10 : 35  10 : 40  10 : 50 | Opening  Session | Hydrographer’s Welcome Address  Objectives of the Seminar  Goodwill Message  Goodwill Message  Goodwill Message  Goodwill Message  CNS Opening Remark/ Declaration Seminar Open  Opening of Exhibition Stand | Cdre CE Okafor  Cdr Vincent Lamarre  Vice President NHS  MD NIWA  MD NPA  DG NIMASA  Chief of the Naval Staff  Chief of the Naval Staff |
| 11 : 00 -  11 : 30 | Coffee  break | Group photograph |  |
| 11 : 30 -  13 : 15 | Session 1 | **International Organizations and Safety of Navigation Governance** |  |
|  |  | IMO (International Maritime Organization) - Coastal State Responsibilities and Obligations  SOLAS - IMO Member State Audit Scheme (IMSAS) | IMO (Cpt Dallas Laryea) |
|  |  | IHO (International Hydrographic Organization) – SOLAS Chapter V under the UN "Delivering as One" banner | IHO (Alberto Costa Neves) |
|  |  | IALA (International Association of Marine Aids to Navigation and Lighthouse Authorities) - Governance of the delivery of AtoN and International compliance  IALA World-Wide Academy (capacity building programme) | IALA (Jacques Manchard) |
| 13 : 15 14 : 30 | Lunch |  |  |
| 14 : 30 -  15 : 15 | Session 2 | Meeting National Hydrographic Obligations  IHO CB Strategy and the importance of accurate nautical information (Phase 1 - MSI) | IHO (Alberto Costa Neves) |
| 15 : 15 -  15 : 45 | Session 3 | Hydrographic Awareness and its economic benefits | IHO Alberto Costa Neves) |
| 15 : 45 16 : 15 | Session 4 | The need for National Hydrographic Committees | IHO (Alberto Costa Neves) |
| 16 :15  16 : 45 | Tea break |  |  |
| 16 : 45  17 : 00 | Session 5 | Hydrographic Service Delivery in Nigeria : Stakeholders Contributions | NPA (Florence Babalola Smith) |
| 17 : 00  17 : 30 | Session 6 | Working with your Primary Charting Authority and NAVAREA II | UKHO (Cathy Tunks)  Shom (Cdr Vincent Lamarre) |
| 19 : 00 | Reception | By host nation  Venue: Admiralty Conference Centre, Naval Dockyard, Victoria Island, Lagos.  Dress: Suit without tie or National dress without cap | |
| **Day 2 – Tuesday 16 October 2018**  **New IT technologies: MSI – MSDI** | | | |
|  |  | **MSI: collection, process and circulation of maritime safety information** |  |
| 09 : 00 -  10 : 30 | Session 7 | Organization:   * GMDSS: Global Maritime Distress and Safety System * WWNWS: World-Wide Navigational Warning Service * IHO Publication S-53 - Joint IMO/IHO/WMO Manual on Maritime Safety Information | Shom |
|  |  | Currents Tools:   * NAVTEX * SafetyNET as a substitute to NAVTEX * Communication with Inmarsat (Webserver) | Shom |
| 10 : 30 -  11 : 00 | Coffee  break |  |  |
| 11 : 00 -  12 :30 | Session 8 | Feedback from countries, Overview of new tools – Perspectives   * Structure and Functions of Nigeria’s MSI Portal * MSI management process in the Kingdom of Morocco * Niord (producing and promulgating “standardized navigational warning and NtMs) and the Ghanaian experience. * PING (France) | NNHO (MSI coordinator: Cdr Ma Fana)  DHOC (CV K. Loudiyi)  DMA (C. Saarnak)  GMA (M. Eghan)  Shom (Nathalie Leidinger) |
| 12 :30 –  13 :45 | Lunch |  |  |
|  |  | **Portals and data management - MSDI** |  |
| 13 :45 –  14 :45 | Session 9 | From GIS to Marine Spatial Data Infrastructure (MSDI)   * Theoretical aspects * Focus on webGIS, service-oriented architecture * Application fields | Shom (Nathalie Leidinger) |
|  |  | * IHO Publication C-17 – Spatial Data Infrastructures ”The marine dimension” Guidance for HOs” * The work of the IHO/MSDIWG | IHO (Alberto Costa Neves) |
| 14 :45 –  16 :00 | Session 10 | Current initiatives – Perspectives   * Example of “data.shom.fr” * Examples in Oceanography * Example of « mission d’observation du littoral Ouest Africain (MOLOA) » * Nigeria’s National Geo-spatial Data Infrastructure | Shom (Nathalie Leidinger)  IOC (Adesina Adegbie)  CSE (Ousmane Bathiery)  NASRDA (Prof L.M. Ojigi) |
| 16 :00 –  16 :30 | Tea  break |  |  |
|  |  | **Miscellaneous - Information** |  |
| 16 :30 –  17 :30 | Session 11 | Seminars to be organized in 2019 (CBWP): MSI, procurement (survey specification), risk assessment | EAtHC CB Coordinator (Vincent Lamarre) |
|  |  | Other opportunities   * “journées REFMAR” | EAtHC CB coordinator (Vincent Lamarre) |
|  |  | Round-table discussion |  |
|  |  | Conclusions/ Vote of Thanks | NNHO  EAtHC CB coordinator (Vincent Lamarre) |