**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 : 1010 : 2010 : 2510 : 3010 : 3510 : 4010 : 50 | OpeningSession | Hydrographer’s Welcome AddressObjectives of the SeminarGoodwill MessageGoodwill MessageGoodwill MessageGoodwill MessageCNS Opening Remark/ Declaration Seminar OpenOpening of Exhibition Stand | Cdre CE OkaforCdr Vincent LamarreVice President NHSMD NIWAMD NPADG NIMASAChief of the Naval StaffChief of the Naval Staff |
| 11 : 00 -11 : 30 | Coffeebreak | Group photograph |  |
| 11 : 30 -13 : 15 | Session 1 | **International Organizations and Safety of Navigation Governance** |  |
|  |  | IMO (International Maritime Organization) - Coastal State Responsibilities and ObligationsSOLAS - 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 complianceIALA World-Wide Academy (capacity building programme) | IALA (Jacques Manchard) |
| 13 : 15 14 : 30 | Lunch |  |  |
| 14 : 30 -15 : 15 | Session 2 | Meeting National Hydrographic ObligationsIHO 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 nationVenue: 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 | Coffeebreak |  |  |
| 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 | Teabreak |  |  |
|  |  | **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 | NNHOEAtHC CB coordinator (Vincent Lamarre) |