



## Mediterranean and Black Seas Hydrographic Commission (MBSHC)

18<sup>th</sup> Meeting, İstanbul/TURKEY, 25-27 September 2013

### MINUTES

- Notes: 1) The paragraph numbering is the same as in the agenda (**Annex-B**)  
2) The list of annexes is provided in the end of this report  
3) All documents referred to in these minutes are available on the MBSHC page of the IHO website:  
[http://www.iho.int/mtg\\_docs/rhc/MBSHC/MBSHC18/MBSHC18\\_Docs.htm](http://www.iho.int/mtg_docs/rhc/MBSHC/MBSHC18/MBSHC18_Docs.htm)

#### A. Opening

##### A.1 Opening Session

The 18<sup>th</sup> meeting of the Mediterranean and Black Seas Hydrographic Commission (MBSHC) took place at the Harbiye Military Museum & Convention Hall in İstanbul/Turkey between 25 and 27 September 2013 under the chairmanship of Cmdre.George MATARANGAS, Hydrographer of the Hellenic Navy. The Chairman opened the meeting and welcomed all 56 participants representing 14 Member States Algeria (DZ), Croatia (HR), Cyprus (CY), France (FR), Greece (GR), Italy (IT), Morocco (MA), Romania (RO), Russian Federation (RF), Slovenia (SI), Spain (ES), Tunisia (TN), Turkey (TR) and Ukraine (UA), 5 Associate Member States Georgia (GE), Israel (IL), Malta (MT), Montenegro (MN) and United Kingdom (UK), 5 Observers Lebanon (LB), Libya (LY), IHB, IOC and PRIMAR and 5 Stakeholders CARIS, QPS UK, IC-ENC, FUGRO Pelagos Inc. and METU.

##### A.2 Administrative Arrangements

*Docs: MBSHC18-A.2 (a) Agenda and Timetable*

*MBSHC18-A.2 (c) List of Participants*

Capt.(PhD) Erhan GEZGİN, Hydrographer of the Turkish Navy welcomed the participants and gave the information about administrative and working arrangements of the meeting.

The List of Participants is given in **Annex A**.

#### B. Management of the Commission

##### B.1 Adoption of the Agenda

The Chairman introduced the agenda and timetable and noted the recent added two topics in any other business part which was included into the latest version of the agenda. The agenda was approved without any change.

## **B.2 Chairman's report**

The Chairman summarized the activities of the MBSHC since the last Meeting in Athens in June 2011 focusing on following:

He noted that the chair had followed the agreed IHO Work Program, with emphasis given in the membership of the IHO and collaboration between the members and associate members in order to promote the activities of the Commission.

Regarding the Capacity Building activities in the region, he stated that TR was designated as CB Coordinator of the MBSHC during the last meeting and participated in the CB activities of the IHO. The requests for technical visits to GE, IL and LB were approved to be implemented in 2014.

He emphasized the importance of the INT charts and ENC coverage issues in the region and the activities of FR, as the Region F ICCWG Coordinator. The activities of BASWG, hydrographic initiatives in the Caspian Sea, the future of EU – IHO relations and designation of MBSHC representatives to the IHO Council were the other important topics to which the Chairman given emphasis in his report. He concluded that he believe those issues would be discussed in detail under the relevant agenda items during the meeting.

## **B.3 Designation of the Vice-Chair of the Meeting**

The Chairman stated that Capt.(PhD) Erhan GEZGIN (TR) was designated as the Vice-Chairman according the Article 6 (a) of the Statutes of MBSHC.

## **B.4 Status of the action list from the 17<sup>th</sup> MBSHC Meeting**

The Chairman and the Secretary (Lt.Spyridon MAZARAKIS - GR) introduced the updated status of actions from the previous meeting to the Commission. FR asked the progress on MBSHC17 Decision 08 and 09 regarding the draft disaster action plan of the MBSHC. The Chairman responded that this issue is ongoing and the relevant action will be done by the new Chair in due time.

UK stated that the password protected page on the IHB website for Region F ICCWG was not working. The IHB responded that the protection was removed due to some reasons and password protection is to be re-facilitated in the near future.

*Action: IHB to provide password protected page on the IHB website for Region F ICCWG.*

## **C. IHO Working Programme**

### **C.1. IHB report on status of the IHO Working Programme**

*Doc: MBSHC18-C.1 IHB Report*

IHB Director RAdm.(Ret.) Mustafa İPTEŞ gave brief information IHO Working Programme focusing on Status of Approval of Amendments to the IHO Convention, Status of Approval of New Member States of the IHO, Region F INT Chart and ENC Production Coordination, IHO GIS Data Base, World Hydrography Day, International Hydrographic Review (IHR), CB Programme and Sustainability of IHO Work Programme.

He indicated that DZ, HR, Egypt (EG), RF, Serbia (RS), Syria (SY), TR and UA in MBSHC region had not ratified the Protocol of Amendments to the IHO Convention and gave information about the status of approvals for IHO membership. On behalf of the IHB, he requested from relevant IHO MSs in the region to report in-

country progress on approving the Protocol of Amendments to the IHO Convention and approving New MSs, including any difficulties being encountered or IHB assistance required. He also requested from the Commission to designate a representative for the IHR.

The report was noted by the Commission and the following decision was agreed.

**D. IHO Work Programme 1– “Corporate affairs”**

**D.1 Cooperation with International Maritime Organization (IMO) Assemblies, Councils, COMSAR, MSC, NAV, TCC**

**D1.1 Mandatory IMO Audit Scheme**

*Doc: MBSHC18-D.1 IMO Audit Scheme*

The Secretary introduced a document regarding the Volunteer IMO Member States Audit Scheme (VIMSAS) and Mandatory IMO Audit Scheme which intended to provide an audited Member State with a comprehensive and objective assessment of how effectively it administers and implements the mandatory IMO instruments which are covered by the scheme. He emphasized that the Mandatory Audit Scheme constitutes a continuation phase of the VIMSAS from 2015 and invited all participants to liaise with their national maritime authorities in order to help the preparation for an audit scheme.

TR informed that TR is one of the volunteer MSs which would be audited between 28 September and 07 October 2013 under frame of VIMSAS plan.

**D.2 Cooperation with Intergovernmental Oceanographic Commission (IOC)**

**D.2.1 Tsunami Matters**

The IOC representative, Dr. Francesca SANTORO made a brief presentation on Tsunami Warning System (TWS) focusing on activities of IOC, Coordination of TWS, North East Atlantic, Mediterranean and connected seas Tsunami Warning System (NEAMTWS), structural elements and operational procedures of NEAMTWS, Tsunami Information Centre (TIC), global seismic networks, coordination of global sea level observations and Global Level of the Sea Surface (GLOSS).

She explained NEAMTWS activities, Tsunami Warning Centers in FR, GR and TR, future steps and challenges in detail with emphasis given on the importance of sea level data in a multi-hazard framework (sea-level related hazards) and rising contribution of national institutes to IOC sea level facility and concluded that there had been still some important monitoring gaps affecting the operational capacity of NEAMTWS.

HR representative intervened that there have been sea level activities, such as sea level stations which were not presented in presentation in his country and he can provide the IOC with contact details of the relevant institute in HR. Dr.SANTORO responded that the snapshot was not covering all the tide gauges and informed the participants that HR is actively contributing in IOC TWS activities.

The presentation was noted by the Commission and the following recommendation was agreed.

*Recommendation: MBSHC members to contribute actively in the development of NEAMTWS through upgrade national sea level stations identified by NEAMTWS.*

## **D.2.2 Marine Disasters matters**

*Doc: MBSHC18-D.2.2 Response to Marine Disasters*

FR made a presentation on marine disasters-extension of the IHO framework focusing on IHO Resolution 1/2005 'IHO response to disasters' and need for an amendment to the resolution.

He emphasized that the actual resolution 1/2005 as amended, only focuses on the situation after the occurrence of such severe disasters but not involves prior to those disasters. He noted the importance of sharing tidal data across boundaries for improving the efficiency of warning systems (tsunami) and forecasting systems and the IOC Sea Level Station Monitoring activities and informed the participants of FR's proposal to IRCC5 in June 2013, according to the task IRCC4 09/2013 regarding collection of tidal data in coastal States' area of interest, making the data available to improve tsunami warning systems and supporting the IOC Tsunami Warning Programme by setting up near-real time data transmission from their sea-level and tide gauges network.

He invited the Commission to support that proposal of amendment of resolution 1/2005 and to include prevention and alert systems and to contribute to NEAMTWS activities in the framework of its implementation plan (v3-4, October 2009).

The presentation was noted by the Commission and the following recommendation and actions were agreed.

*Recommendation: MBSHC members to consider the amendment of resolution 1/2005 to include prevention and alert systems.*

*Action: Chair to circulate the draft disaster action plan and the MBSHC members to provide comments on the draft disaster action plan.*

*Action: Chair to circulate the consolidated draft disaster action plan and put forward all actions resulting from it*

## **D.3 Cooperation with European Commission**

### **D.3.1 Report of DG-MARE**

On behalf of DG-MARE, the Secretary made a presentation on Marine Knowledge 2020 project focusing on European Marine Observation and Data Network (EMODnet) activities and its phases. He gave details on data and products of EMODnet, its three phases comprised of limited sea basins, low data resolution and multi-resolution, budget for the components of data, projects under the EMODnet, countries and organisations participating in the projects, some figures of economic benefits of "marine knowledge 2020", cost savings and the roadmap.

The presentation was noted by the Commission.

### **D.3.2 Report on the future establishment of the IHO-EU network**

*Doc: MBSHC18-D.3.2 Report of the future establishment of the IHO-EU network*

FR reported on the relationship between the European Commission (EC) and National Hydrographic Offices through the IHO. He highlighted EC-IHO relationship commenced in 27th meeting of NSHC/Rostock in which the working group on EU marine and maritime policies (EUM2P WG) was established in 2006 and then MoU between EC and IHO was signed in 2012. He noted that three meetings were held after MoU and gave brief information on HOs EC relationship: way ahead, roadmap and the proposal on establishing a permanent body under the umbrella of IRCC made by Sweden. He invited the Commission to give support

to this process, designate a representative to IHO EU Network WG to consider raising its awareness in some Mediterranean and Black Sea maritime EU policies, when appropriate.

The report was noted by the Commission and the following decision and action were agreed.

*Decision: MBSHC agreed that the issues regarding the EU maritime policies and program to be included in the agenda of the MBSHC meetings as a permanent item.*

*Action: FR to amend the ToRs of the EU-IHO Network and to add the RoP for the EU-IHO Focal Point to it and provide the IRCC Chair with ToR and RoP for circulation.*

### **D.3.3 Designation of MBSHC-EU coordinator**

FR recommended not to wait for the formation of IHO EU Network WG under IRCC and proposed the Commission to designate a focal point/representative of MBSHC for new WG. Since GR was only volunteer MS the Commission designate GR as the representative of MBSHC to IHO EU Network WG which will be established under IRCC.

*Decision: GR was designated as a focal point of the MBSHC for the EU-IHO relations.*

### **D.4 International Sea Power Symposium**

IT representative reported on “9<sup>th</sup> Regional Seapower Symposium” which was held in Venice/Italy between 16 and 18 October 2012. He highlighted that 39 navies around the world and 11 International Organizations participated and three sessions titled “Recent operational experiences and their influence on future platforms”, “Interagency domain” and “Maritime security” were held under the theme: “From traditional roles to emerging maritime security challenges: Naval Forces’ improved effectiveness in a demanding environment”. He concluded that central role of Navies and Maritime Services as main providers of maritime security, common initiatives managed by international organizations enhancing effectiveness and avoiding duplications in a time of diminishing defence budgets and Naval Forces must be active, adaptive and affordable.

The report was noted by the Commission.

## **E. IHO Work Programme 2 – “Hydrographic Services and Standards”**

### **E.1 S-100 and MSDI standards and Nautical Publications development**

#### **E.2 Report of HSSC**

Both agenda items were covered by IHB representative, Assistant Director Capt. Alberto Costa NEVES who made a brief presentation on “IHO Universal Hydrographic Data Model (S-100)” focusing on the limitations of S-57 current standard for ENC, S-100 data model and data framework, transition to S-100/S-101 the current status of S-100 and development of S-100 based product specifications that will be used on next generation ECDIS. He emphasized that wider use of S-100 is likely to continue and grow as e-navigation evolves.

Regarding MSDI, he noted that only one MSDIWG meeting was held in January 2013 since the last meeting of MBSHC. The highlights of the report of the last MSDIWG meeting were INSPIRE Directive for EU States, MSDI portals, need for interoperability of data between neighbouring countries and regions, need for harmonization and standardization of MSDI. He also noted that the ToR of the WG was changed in order to be approved in HSSC5.

He also reported on HSSC and stated that HSSC3 and HSSC4 were held since the last MBSHC meeting. The Committee was given emphasis on development of S-100 and S-100 based product specifications, such as S-101 and S-102 and ECDIS related anomalies. He informed that the new editions of S-57 Appendix B.1 Annex A "Use of Object Catalogue for ENCs" and S-99 "Operational Procedures for the Organization and Management of the S-100 Geospatial Information Registry" were approved and new WG on Surface Current Product Specification were created under HSSC. He stated that the next meeting of HSSC would be in November 2013 in Shanghai/China and invited all members to participate in the meeting.

The reports were noted by the Commission.

### **E.3 S-100 and the future chart production**

CARIS representative, Mr. Peter SCHWARZBERG made a presentation titled "S-100 and the future chart production". He indicated the limitations of the current ENC standard (S-57) with some examples, the advantages of the S-100 and associated PSs and transition from S-57 to S-101. He also gave information about CARIS products focussing on S-100 related developments and 2-day S-100 Boot Camp in CARIS 2014.

## **F. IHO Work Programme 3 – "Inter Regional Coordination and Support"**

### **F.1 Inter Regional Coordination Committee**

RAdm.(Ret.) Mustafa İPTEŞ gave brief information of IRCC activities and noted that the principle objective of IRCC is to enhance and coordinate hydrographic activities amongst coastal States on a regional basis and between regions. He noted that IRCC4 in Singapore and IRCC5 in Wollongong were held since MBSHC17 and during its last two meetings the revised ToR of WENDWG, the Guidelines for Implementation of the WEND Principles and work plan of CBSC were approved, new CB strategy was reviewed, definition of cartographic boundary was endorsed by the Committee. He also noted publications B-6, S-5 and S-8 were endorsed by IRCC. He invited MBSHC members to participate in IRCC meetings

The report was noted by the Commission.

#### **F.1.1 Review of the IRCC actions**

The Secretary presented the action items of the last IRCC meeting. The Secretary indicated relevant action items such as IHO work plan, CB issues and SPIs and WPIs are to be discussed under the relevant agenda items. The Chairman noted that the next MBSHC Chair will follow up those issues for the next two years. FR asked if the Commission can discuss the action item IRCC5-20 regarding the proposals for the next EHC under the agenda "Any Other Business" and it was accepted by the Commission.

#### **F.1.2 MBSHC report to IRCC**

The Chairman reminded that MBSHC reports to IRCC and he indicated important activities of MBSHC reported in the IRCC5 as the Chair such as the amendment in the ToR of MBSHC and BASWG, the contribution of the Commission to NEAMTWS and CB issues: postpone of technical visit to Syria and approval of requests for technical visit to GE, IL and LB.

### **F.2 National reports General Synthesis**

*Doc: MBSHC18-F.2 National Reports (a-w)*

The Chairman thanked all MBSHC MSs and Associate MSs for providing their national reports in line with the format in the IHO Resolution 2/1997 as amended. He outlined co-operation and participation in

international projects, significant progress on hydrographic and cartographic activities such as ENC coverage and the importance of participation in CB activities which are unique opportunity for MBSHC members. ES, FR, GR, IT, RF, TR and UA presented their national reports.

The reports were noted by the Commission.

### **F.3 World-wide Electronic Navigational Chart Database (WEND)**

*Doc: MBSHC18-F.3 Report from the WENDWG and RENC Harmonization Sub-Group*

#### **F.3.1 Amplification on the limitations of the lists (WEND-WG 02-11) of Ports not covered by larger scale ENCs**

The Chairman stated that both agenda items F.3 and F.3.1 to be discussed together and gave the floor to the IHB and FR, as the Region F ICCWG Coordinator.

Assistant Director Capt. Alberto Costa NEVES reported on WENDWG which is subordinate body of IRCC. He noted that the objective of WG is to monitor the development of adequate ENC coverage to meet SOLAS carriage requirement for ECDIS and three meetings of the WENDWG were held since the last MBSHC meeting. He outlined finalization of Guidelines for Implementation of the WEND Principles, endorsement of the definition of cartographic boundaries, potential impact of gaps, overlaps and poor quality source data in ENC coverage, risk assessment tool, evaluation criteria to assist RHCs and MSs to identify and solve significant differences between paper charts and ENCs, ENC metadata library and IHO online catalogue and the concept of IHO RENC/World-wide ENC Coordination Center (WENC) as the outcome of the last WG meeting.

FR representative noted that Region F ICCWG Coordinator is the representative of MBSHC in WENDWG and thanked IHB for outlining the activities of WENDWG very well. He invited the MBSHC members to review the report of WENDWG3, endorsed Guidelines for Implementation of the WEND Principles and WENC Concept paper on WENDWG section of IHO website as the most important outcomes. FR was tasked to prepare a priority list of main harbours without large scale ENC coverage in MBSHC region by the Commission.

The reports were noted by the Commission and the following recommendations and action were agreed.

*Recommendation: MBSHC members to review the WENDWG3 report.*

*Recommendation: MBSHC members to review “the Guidelines for Implementation of the WEND Principles” and comment on it.*

*Recommendation: MBSHC members to review the “draft WENC Concept” prepared by the RHSG and endorsed at the IRCC5 meeting, when it is circulated.*

*Action: Region F ICCWG Co-ordinator to prepare a priority list of main harbours without large scale ENC coverage in the region.*

#### **F.3.2 RENC operations (Progress made on RENC to RENC cooperation and ENC issues)**

Mrs. Minika Bjørge (PRIMAR) and Mr. James Harper (IC-ENC) made a brief presentation on RENC Operations focusing on details of organization of RENCs, benefits of RENC membership, RENC harmonization activities and how to join a RENC. They noted that currently 39 IHO MSs are the member of RENCs, representing more than half of the ENC Producer Nations and 7710 ENCs are being distributed which are about two-thirds of all ENCs available. They also indicated that ENC production support,

established and refined quality assessment procedures, promoting ENC consistency and harmonization, shared experiences and best practices avoids duplication of work, availability to the end users through the whole range of service providers and harmonized commercial terms and conditions for service providers as the key points of RENC membership.

The presentation on the RENCs was noted by the Commission.

#### **F.4 Coordination of Global Surveying and Charting**

##### **F.4.1 Hydrographic survey status in the MBSHC area – C-55 review**

ES representative, LCDR.Guillermo COLL made a presentation on the progress and status of hydrographic surveys in MBSHC area and C-55 review. Regarding hydrographic surveys, he presented charts showing the surveys in the region indicating the recent updates and he noted that updates from DZ, FR, GR, HR, MA, RO, TN, TR and UA were received. Regarding C-55, he gave information about the updating status of C-55 and update dates of MBSHC MSs. He invited MBSHC members to send their graphical survey status and associated updates in GIS format (e.g. shape).

The report was noted by the Commission and the following action was agreed.

*Action: All members to send a graphical status of surveys to Spain in GIS applicable digital format (e.g. shape).*

##### **F.4.2 Presentation of GEBCO activities**

IT representative reported on GEBCO activities of the IHO and IOC. He outlined GEBCO's data sets and products, activities of Sub-Committee on Undersea Feature Names (SCUFN) and GEBCO capacity building activities. He informed that GEBCO\_08 Grid product has 30 arc-second (approx 1 km) interval grid, released in 2009, based on track soundings & interpolation guided by satellite-derived gravity data and grid includes data from existing grid data sets in some areas and noted that GEBCO\_08 Grid is available for web download and since its release over 22,000 downloads have been made.

He gave information about SCUFN which maintains the GEBCO Gazetteer for Undersea Feature Names about 4000 entries and reviews about 50 new name proposals per year. He also noted the Nippon Foundation GEBCO training program in ocean mapping under the IHO-IOC GEBCO Capacity Building Programme.

The report was noted by the Commission.

##### **F.4.3 Latest Region F ICCWG activities**

##### **F.4.4 Status of MEDINTCHART Catalogue**

##### **F.4.5 Status of official ENCs production by the MBSHC Member States**

As they are closely relevant, agenda items F.4.3, F.4.4 and F.4.5 were discussed together. FR, as the Region F ICCWG Coordinator reported on the status of MEDINTCHART draft catalogue, the progress on INT chart proposals and ENC Usage Band 1 (UB1) schemes in the region since the last meeting of the MBSHC. He explained the meaning of colours and phrases that stand for proposed/agreed/in preparation/TBD by Region F ICCWG in the draft catalogue. He also gave information about the status of pending recommendations, which made by the Coordinator with a Circular Letter on proposed INT charts and ENC



UB1 scheme. He also invited MBSHC members to provide the Coordinator with the limits, scale, format and other details of proposed INT charts in order to simplify the validation process.

GR informed the Commission that GR and TR will start negotiation on co-production of INT 3706, 3710, 3712 and 3716 covering the area between GR and TR in the Aegean Sea.

TR noted that the mid-scale charts proposed by GR (3720, 3722, 3724, 3726, 3728, 3730, 3732, 3734, 3736 and 3738) were imported into the MEDINTCHART catalogue without the decision of the MBSHC or the consensus of the MSs with the footnote to read “*Chart proposed by Greece and adopted during the 13th MBSHC Conference (2003), with a reserve from Turkey*”. He stated that the footnote clearly indicates that no consensus was reached between the concerned MSs, despite the fact that all relevant decisions shall be made by consensus. TR reiterated that the status of those charts should be “proposed” and depicted in blue lines which indicate the charts are subject to Region F ICCWG decision. TR also emphasized that TR is not against those charts and ready for negotiations but there shall be agreement on any INT chart between relevant MSs for inclusion into the catalogue. Accordingly, TR proposed that the Coordinator is to provide the MBSHC members with the last official version of MEDINTCHART Catalogue which includes unanimously agreed new INT charts and proposals which are under consideration annexed to the catalogue and subsequently invited the Commission to approve the latest version of the MEDINTCHART Catalogue in its each meeting in order to be sent to IHO to be included in the in S-11.

FR, as the Region F Coordinator stated that it’s not possible for the Coordinator to clarify which the last official version of the MEDINTCHART catalogue is, because there is no consensus between members on which version is the latest approved catalogue, and this is the reason why the Commission is working with a draft, non-official, catalogue. He added that the Commission should clarify the last agreed catalogue. GR stated that the proposal of TR is not accepted by GR. As the consensus by Region F ICCWG is required according the ToR, the Chairman concluded that the proposal of TR is not accepted by the Commission, since GR rejected.

Regarding the ENC, TR stated that negotiations on ENC UB1 scheme between IT and TR is going on. TR also noted that there have not been any established maritime boundaries nor cartographic boundaries between GR and TR in the Aegean Sea and the current ENC coverage of GR in that area is not in line with the WEND Principles. TR noted that there have been currently gaps as well as overlaps in ENC coverage in the Aegean Sea and stated that they have made several attempts for solution but have not reached any agreement by now. Consequently, TR informed the Commission that their new ENC coverage in the Aegean Sea will be issued soon for the sake of safety of navigation and with that new coverage, existing gaps will be removed but unavoidably there will be new overlaps until reaching an agreement with GR.

The report of the Region F ICCWG Coordinator and the remarks made by GR and TR were noted by the Commission and the following decision and actions were agreed.

*Decision: MBSHC members to provide the Region F ICCWG Co-ordinator with the details (limits, scale, format) of proposed INT charts in order to simplify the validation process.*

*Action: Region F ICCWG Co-ordinator to circulate a letter to the Members of ICCWG regarding the INT charts and ENC UB1 scheme presented at MBSHC18.*

*Action: All members to comment on the INT charts and ENC UB1 scheme circulated by Region F ICCWG Co-ordinator.*

*Action: GR and TR to provide the Region F ICCWG Co-ordinator with a common proposal regarding the co-production of INT3706, INT3710, INT3712 and INT3716.*

*Action: IT and TR to provide the Region F ICCWG Co-ordinator with a common proposal regarding the UB1 ENC cells TR100030 and IT100360.*

## **F.5 Increase participation by non Member States**

### **F.5.1 Hydrographic activities in Lebanon**

LB representative, Cdr.Allam ZIAD made a brief presentation on hydrographic activities in LB focusing on the importance of hydrography to Lebanon, roadmap, chain of command of the hydrography service and future plan. He stated that first discussion on the formation of national hydrographic office first started in 1991 and gave emphasis on the need of hydrography for LB because of safety of navigation for the commercial shipping, tourism, exploration of natural resources, maritime jurisdiction areas and coastal zone management activities. He noted that FR technical visit team visited LB in 2009 on behalf of the IHO and LB was represented in the last IHC in Monaco, 2012. He also presented the draft structure of LB hydrographic office which is planned to be part of LB Navy and noted that progress on applying for IHO membership. IHB Director stated that IHB is ready to assist LB on hydrographic activities.

The initiative of establishing national hydrographic office in LB was appreciated and the presentation was noted by MBSHC.

## **F.6 Capacity Building Management**

### **F.6.1 MBSHC representation in Capacity Building Sub-Committee (CBSC) meetings – decisions affecting MBSHC**

IHB Director RAdm.(Ret.)Mustafa İPTEŞ gave brief information about CBSC activities, particularly the progress achieved in various projects and planned events. He stressed that there is a future plan to raise the CB funds and increase the resource to have more CB activities. He added that the BASWG should take the advantage of these funds in the future with a good planning.

TR, as the CB Co-ordinator of the MBSHC made a brief presentation covering IHO Capacity Building Sub-Committee (CBSC) activities, technical visits to GE, IL and LB and Five-year Capacity Building plan of the MBSHC. The CB activities and outcome of the last two CBSC meetings were summarized, focusing on the following:

- The technical visit requests of GE, IL and LB were accepted by CBSC. The visits are planned to be held in 2014.
- Progress on IHO CB Strategy activities.
- New Procedures which were approved by IRCC are in force commencing June 2013 : Procedure 7 (Application For Courses, Technical Workshops, Seminars And Financial Assistance) and Procedure 8 (Project Finance Management)

The report was noted by MBSHC.

### **F.6.2 Technical visit request of Georgia, Israel and Lebanon**

After the approval of technical visits to GE, IL and LB in 2014, the Commission agreed the team for technical visit to GE composed of experts from RF, TR and UA; to IL experts from GR and TR; to LB experts from FR and TR. GE, IL and LB were asked to provide the Chair with the provisional dates for those visits and the IHB reminded the CB Coordinator of the Commission to provide the Bureau with the project leaders details for the visits.

*Decision: MBSHC agreed the team for technical visit to GE in 2014 composed of the experts from RF, TR and UA.*

*Decision: MBSHC agreed the team for technical visit to IL in 2014 composed of the experts from GR and TR.*

*Decision: MBSHC agreed the team for technical visit to LB in 2014 composed of the experts from FR and TR.*

*Action: GE, IL and LB to provide the Chair with the provisional dates for technical visits.*

*Action: CB Coordinator to provide IHB with the project leaders details for the technical visits to GE, IL and LB.*

### **F.6.3 Five-year CB Plan of the MBSHC**

TR stated that there have been some CB requests such as technical visit, training, course, seminar, workshop etc. by some MBSHC members but MBSHC has not had a five-year CB plan to be implemented, yet. Therefore all members were asked to send their CB requirements and availability of training and recognized courses in their countries to TR in order to be prepare the five-year CB Plan of MBSHC.

*Action: All members to provide CB Coordinator (TR) with the CB requirements (technical visits, courses, seminars, workshops etc.) for the next five years and availability of training and recognized courses.*

*Action: CB Coordinator to prepare draft 5-year CB plan of MBSHC and circulate draft plan for approval.*

### **F.6.4 Training Activities – Applied Hydrography Education Certificate Programme in METU/Turkey**

Middle East Technical University (METU) representative, Prof.Dr.Ayşen YILMAZ made a presentation on METU Applied Hydrography Education Certificate Programme (IHO Cat-B) and gave general information on METU and Applied Hydrography Education Programme. She noted that the programme which is the first recognised programme in Turkey was recognised for 6 years (2009-2015) by International Board of FIG, IHO and ICA and the first term of the programme was held between 18 January and 25 June 2010, the capacity of the Programme is limited by 20 students and candidates applying to this programme should possess a BS diploma in nautical, general science and engineering fields. She also gave general information on modules of the course and indicated that the language of the course is in Turkish, but can be held in English.

The presentation on the Applied Hydrography Education Certificate Programme was noted by the Commission.

### **F.6.5 Fugro Pelagos Inc. Presentation**

Fugro Pelagos representative, Mr.Don VENTURA made a presentation on Fugro Pelagos, Inc. expertise and experience in hydrographic surveying and outlined the company profile, client sectors, Fugro's people, vessels, equipment and facilities, international network of Fugro's offices and facilities, Fugro Pelagos services and products, survey activities, recent participation in IHO CBSC, Fugro and the Hydrographic Academy and other topical Fugro services to MBSHC. He gave information and examples of hydrographic survey/charting activities of Fugro, coastal zone management, integrated data collection from vessel platform and air LIDAR bathymetry technology used in hydrographic charting and environmental surveys.

The presentation on the Fugro Pelagos Inc. services and products was noted by the Commission.

## **G. Aspects concerning MBSHC**

### **G.1 Status of the Working Group of Black and Azov Seas**

The BASWG Chair, Capt.(PhD) Erhan GEZGİN, reported on the status of BASWG and stated that the last meeting was held in Monaco on 19<sup>th</sup> and 20<sup>th</sup> of June 2013, the representatives from RF, TR, UA, GE and IHB

attended and the discussions focused on capacity building and INT Charts and ENC coverage in the Black and Azov Seas. He emphasized the progress on CB activities, INT charts and ENC scheme in the region and noted some of proposed INT charts were agreed by the WG. He informed that the next meeting will be held in Batumi/GE.

The report was noted and the following action was agreed by MBSHC.

*Action: BASWG Chair to provide Region F ICCWG Co-ordinator with the limits of the agreed INT charts in the Black Sea and Sea of Azov.*

## **G.2 Development concerning the future Caspian Sea Working Group**

RF gave brief information on the initiative about hydrographic activities, such as the establishment of the NAVTEX stations in the Caspian Sea in order to improve the safety of navigation. IHB Director noted that all activities regarding improving safety of navigation is appreciated by IHO and Caspian Sea can be considered the sub body of MBSHC or independent RHC in the near future. The Chairman noted that Caspian Sea bordering States should be involved in MBSHC activities and the following actions were agreed by the Commission.

*Action: Chair and RF to contact with the States bordering the Caspian Sea to inform them on the relevant works of the MBSHC18.*

*Action: Chair to invite the States bordering the Caspian Sea to attend the MBSHC19 as observers.*

## **G.3 Status of ratification of the Protocol of Amendments to the IHO Convention**

As it was discussed during the agenda item C.1 the "IHB report", eight MBSHC MSs have not ratified the Protocol of Amendments to the IHO Convention, yet. IHB Director noted that 39 approvals were received and 9 approvals are required to reach 48 which is 2/3 of the number of IHO MSs in 2005. The following action was agreed by the Commission.

*Action: Relevant MSs to report to the Chair in-country progress on status of approval the Protocol of Amendments to the IHO Convention and new membership to IHO including any difficulties encountered or IHB assistance required*

## **G.4 Approval of the rules for designation of MBSHC representatives to the IHO Council**

*Docs: MBSHC18-G.4 (a) Proposal for the revision of the MBSHC Statutes*

*MBSHC18-G.4 (b) Draft 5<sup>th</sup> Edition of the MBSHC Statutes*

*MBSHC18-G.4 (c) Rules for the designation of the MBSHC representatives to the IHO Council*

IT representative presented the final draft of the rules for designation of MBSHC representatives to the IHO Council which will be effective when the Protocol of Amendments to the IHO Convention ratified. He noted that the first draft was prepared in 2009 and discussed during last two meetings of MBSHC and the final draft have been prepared. IHB Director stated that MBSHC is the largest RHC in terms of the number of members, therefore at least 2, maybe 3 seats will be reserved for MBSHC and noted the importance of the rules of designation. In conclusion the Commission decided not to circulate the final draft for further comments and approved the "Rules for Designation of MBSHC Representatives to the IHO Council" in **Annex C** to be included in the MBSHC Statutes as an annex.

*Decision: MBSHC approved the "Rules for Designation of MBSHC representatives to the IHO Council" as an enclosure in the Statutes of the MBSHC.*

#### **G.5 Approval of pending applications for IHO membership**

IHB Director stated that Viet Nam, Brunei Darussalam, and GE have applied for membership of the IHO and by September 2013, the status of approvals was 40 of 52 required for Vietnam, 33 of 52 required for Brunei Darussalam and 33 of 54 required for GE. He noted that approvals of 10 MBSHC MSs are required for Vietnam and Brunei Darussalam and 12 for GE. He also added that the IHB Directing Committee, in cooperation with the Department of External Relations of the Government of Monaco, stands ready to assist, through diplomatic or other channels, any States' representatives that may be encountering difficulties in progress of the outstanding approvals through their respective governments.

#### **G.6 Status of pending Member States in the region for depositing the instrument of Accession**

IHB Director noted that Bulgaria (BG) has yet to deposit their instruments of accession with the government of Monaco, to formally become Member States of the IHO and stated that he contacted with the relevant authorities in BG for depositing the instrument of Accession. He also mentioned about the status of Serbia which is not IHO MS after disintegration. The Commission agreed that the new Chair to engage Serbia for IHO membership.

*Action: Chair to continue to engage Serbia (suspended MS) to encourage their re-insertion in IHO*

#### **G.7 GIS applications**

GR representative, Capt.Dimitrios EVANGELIDIS made a presentation on Marine Geographic Information System (MGIS) in HNHS. He outlined budget, timeframe and structure of MGIS, production line, software used in MGIS, relevant HNHS portal and seamless cartographic database (CDB) with some illustrations.

The presentation on MGIS was noted by the Commission.

#### **G.8 MSI in NAVAREA III area**

ES representative presented NAVAREA III Coordinator report focusing on the broadcasting times, figures of promulgated SafetyNET messages in 2011-2013 periods, coordination with neighboring NAVAREA (NAVAREA II), and problems encountered. He stated that NAVAREA III Co-ordinator has not yet been able to communicate with the Egyptian point of contact and still receiving warnings via postal mail, which are in many cases outdated when received. He noted that there has been 25 NAVTEX stations working in International Service but the coastal area of LY (Kelibia and Surt) is covered by only SafetyNET (LY). He informed that NAVAREA III was represented in WWNWS-3 in Monaco and WWNWS-4 in Tokyo since the last MBSHC meeting.

The report was noted by the Commission and the following action was agreed.

*Action: Chair to assist NAVAREA III Coordinator (ES) in contacting EG National Co-ordinator to solve the problem of navigational warnings received via postal mail vs. other means, such as fax or e-mail.*

#### **G.9 MSDI Public Service**

ES representative made a presentation on IHM'S Marine Spatial Data Infrastructure (MSDI) Public Service. He stated that the motivation of this initiative as the INSPIRE Directive which was implemented by a Spanish Law, IHO MSDI recommendations and guidelines and the requests for cartographic data received at Instituto Hidrografico de la Marina (IHM). He explained internet browser viewer and Web Map Service (WMS) / Web Feature Service (WFS) and gave some examples on their use. He also noted that ES maritime administration, ES Navy, other Hydrographic Offices, IHO and RENCs could be potential users of IHM's geoportal.

The presentation on MSDI Public Service was noted by the Commission.

#### **G.10 Estimated Values of SPIs and WPIs**

IHB Assistant Director explained IHO Strategic Plan and the background of the Performance Indicators (PIs) which are part of IHO Strategic Plan approved in EIHC4 and noted that IHO Strategic Plan consists of vision, mission and objectives of the Organization and how it monitor the progress and work programme. He indicated that Strategic PIs (SPIs) are related to objectives of the IHO and Working Level PIs (WPIs) are aligned to strategic directions of the IHO and invited the participants to review the IHO Strategic Plan and to monitor better the development of the Organization. The Secretary reminded that it was requested from all RHC Chairs to provide the IRCC Chair with the estimated values of agreed SPIs and WPIs as of 31 December 2013 and target values for 31 December 2017 by the IRCC5. It was agreed to circulate a letter asking the values of SPIs and WPIs by the next Chair and the following actions were agreed by the Commission.

*Action: Chair to circulate a letter regarding the estimated values of agreed SPIs and WPIs as of 31 December 2013 and target values for 31 December 2017 and all members to comments on the difficulties encountered and suggestions for the way forward.*

*Action: Chair to provide the IRCC Chair with the estimated values of agreed SPIs and WPIs as of 31 December 2013 and target values for 31 December 2017.*

#### **G.11 Decision Support in incidents at the Adriatic Sea**

HR representative, PhD.Zvonko GRZETIC made a presentation on decision support in incident situations at Adriatic Sea. He explained the Decision Support System for Marine Accidents in HR and gave some examples on Web-based Decision Support for Incident Situation in the Adriatic Sea (WDS-ISAS) and its sources such as AIS, Adria-GIS etc., layers and properties with some illustrations.

The presentation on MSDI Public Service was noted by the Commission.

#### **H. Any Other business**

The Chairman asked the participants if there is any item to be proposed for the EIHC5 today or this issue can be asked by the next Chair via circular letter mechanism. FR suggested that MBSHC can make a proposal regarding the CB strategy of the IHO through CB Coordinator. IHB Director noted that the relevant Conference Circular Letter (CCL1) was issued regarding the proposals and reminded that the deadline for the proposals is the end January 2014. The following action was agreed by the Commission.

*Action: Chair to circulate a letter asking for proposals for the agenda of the EIHC5*

## **H.1 Reports from the Adjacent Hydrographic Commissions**

The Chairman invited FR to report from Easter Atlantic HC (EAHC) which is chaired by FR. FR outlined the activities of EAHC and gave information as three MBSHC MSs (FR, MA and ES) are also MS of EAHC which is adjacent HC to MBSHC, Cameroon joined to EAHC as a MS, the main focus of EAHC is the western central Africa coasts in terms of CB, regular courses and trainings for charting and CB activities to raise the awareness of hydrography, workshops in English and in French supported by IMO. It has been recognized that a regional coordinated approach for CB is necessary, hopefully under the aegis of the Maritime Organization of West and Central Africa (MOWCA). Very few coastal States in Africa are IHO MS, very few coastal States have the capacity of producing and maintaining charts and noted these coastal States should fulfil the SOLAS requirements through CB, strengthening of their MSI organization, and bilateral arrangements with other States' charting authorities. FR finally stated that coastal States are having difficulties on getting the hydrographic information gathered by several companies for development and natural resources which is crucial for updating charts and associated products.

The report was noted by the Commission.

## **H.2 Proposal to amend MBSHC statutes to allow official representation of a Member State by another Member- associated credentials**

*Docs: MBSHC18-G.4 (a) Proposal for the revision of the MBSHC Statutes*

*MBSHC18-G.4 (b) Draft 5<sup>th</sup> Edition of the MBSHC Statutes*

FR representative presented a document regarding the proposal for the revision of the MBSHC statutes in order to give to a MS to be represented by another at the Conferences. He noted the fact that budget cuts in many countries make the physical participation of MS representatives in the IHO WGs and RHCs increasingly difficult and it might become even more challenging as soon as the new IHO Convention comes into force, with IHO Assemblies every 3 years and Councils every year. He invited the Commission to consider the amendments to the actual 4th Edition of the MBSHC Statutes as suggested in document MBSHC18-G.4 (b). As IT indicated that there has not been any such example in any IHO body regarding the MS representation on behalf of the other MS, the Chairman proposed new Chair to ask MBSHC opinion on this issue. Following action was agreed by the Commission.

*Action: Chair to circulate the proposal of FR to amend MBSHC statutes to allow official representation of a Member State by another Member State with the associated credentials and ask for comments and proposals in order to be discussed in MBSHC19.*

## **H.3 Discussions of key points arising from National Reports and already not dealt with**

No additional point was risen by the MBSHC members.

## **H.4 Sharing Data with the wider Marine Community**

QPS representative, Mr.Duncan MALLACE made a presentation titled "Sharing Data with the wider Marine Community". He outlined QPS, Dutch company, has two main products namely "QINSy" which is used on vessels for acquiring the data and "Fledermaus" which is used for processing, validating and visualizing the data and partnership with ESRI which provides charting and bathymetry database solutions in order to provide seamless workflow. He presented some examples of bathymetry, backscatter and water column processing with illustrations. He gave information on type of surveys and the kinds of products they delivered. He presented QPS solutions for acquiring, processing, visualizing, managing and sharing marine data.

The presentation on Sharing Data with the wider Marine Community was noted by the Commission.

## **I. Closure**

### **I.1 Decisions, resolutions and recommendations**

The Commission discussed and approved the action items, decisions and recommendations in **Annex D**.

### **I.2 Date and venue of the next Meeting**

MBSHC decided to hold its 19<sup>th</sup> meeting in Batumi/Georgia in 2015. The date and venue will be confirmed by GE, in coordination with the IHB and Chair. The following decision and action were agreed by the Commission.

*Decision: MBSHC agreed the MBSHC19 meeting to be held in Batumi/Georgia.*

*Action: GE to contact the IHB and the Chair to confirm the date of the venue of MBSHC19.*

### **I.3 Closing session and transfer of Chair**

On behalf of the Commission, the Chairman warmly thanked the TR for the excellent arrangements for the meeting. He also thanked all participants for their valuable contribution to the meeting.

MBSHC18 closed at 16h00 on 27 September 2013.

## **Annexes:**

- A) List of Participant
- B) Agenda of the MBSHC18
- C) Rules for Designation of MBSHC representatives to the IHO Council
- D) Actions Items, Decisions and Recommendations



## LIST OF PARTICIPANTS

## 1. Members

Country	Organisation	Representative
Algeria	Hydrographic Service of Navy Forces	Mr.Mohamed MOULOUDJ
		Mr.Aissa ZAABAT
Croatia	Hydrographic Institute of the Republic of Croatia	Mr.Zvonko GRŽETIĆ
		Mr.Željko BRADARIĆ
Cyprus	Lands and Surveys Department	Ms.Georgia PAPATHOMA ECONOMIDOU
France	SHOM	V.Adm.Bruno FRACHON
		LCDR.Eric LANGLOIS
		Capt.Jean-Christophe LONG
Greece	Hellenic Navy Hydrographic Service	Cmdre.George MATARANGAS ( <b>Chairman</b> )
		Capt.Dimitrios EVANGELIDIS
		Col.Andreas SYNADINOS
		Lt.Spyridon MAZARAKIS
		Lt.Vasileios PATSIOPOULOS
Italy	Italian Hydrographic Institute	R.Adm.Andrea LIACI
		Cdr.Paolo LUSIANI
Morocco	Hydrography, Oceanography and Cartography Division, Royal Moroccan Navy	Capt.Abdelouahed DIHAJI
		Cdr.Moncef LAZRAK
Romania	Maritime Hydrographic Directorate	Capt.Vasile NECULA
		Cdr.Dr.Lucian DUMITRACHE
Russian Federation	Department of Navigation and Oceanography	Capt.Alexander SHEMETOV
		Capt.Leonid SHALNOV
		Capt.Vadim SOBOLEV
Slovenia	Geodetic Institute of Slovenia	Mr.Igor KARNIČNIK M.Sc.

Spain	Spanish Navy Hydrographic Office	Capt. Jose Ramon FERNANDEZ DE MESA TEMBOURY
		LCDR. Guillermo COLL FLORIT
Tunisia	Tunisian Navy Hydrographic and Oceanographic Center	Capt. Rachid ESSOUSSI
		Cdr. Karim TAGA
Turkey	Office of Navigation, Hydrography and Oceanography	Capt.(PhD) Erhan GEZGİN <b>(Vice-Chairman)</b>
		LCDR. Burak İNAN
		LCDR. Hikmet ULUSAL
		Lt. Eşref GÜNSAY
		Lt. M. Uğur BOZKURT
Ukraine	State Hydrographic Service of Ukraine	Mr. Sergii SYMONENKO
		Mr. Oleg MARCHENKO

## 2. Associate Members

Country	Organisation	Representative
Georgia	Georgian State Hydrographic Service	Mr. Revaz BABILUA
		Mr. Giorgi KARTVELISHVILI
		Ms. Manana KIRTADZE
Israel	Cartography Department Hydrography Department	Mr. Baruch PEREZMAN
		Ms. Limor GUR-ARIEH
Malta	Ports and Yachting Directorate	Mr. Joseph BIANCO
Montenegro	Hydrographic sector of the Institute of hydrometeorology and seismology of Montenegro	Mr. Radovan KANDIC
		Mr. Dusan SLAVNIC
United Kingdom	UKHO	Mr. Paul CANHAM
		Ms. Cathy TUNKS

### 3. Observers

Country	Organisation	Representative
Lebanon	Lebanese Navy Forces	R.Adm.Jbaly NAZIH
		Cdr.Allam ZIAD
Libya	Libyan Navy Hydrographic Department	Col.Abdulla AZABI
	IHB	Director R.Adm.Mustafa IPTES
		Assistant Director Capt.Alberto Costa NEVES
	IOC	Dr.Francesca SANTORO
	PRIMAR	Ms.Minika BJØRGE

### 4. Stakeholders

Organisation/Company	Representative
CARIS BV	Mr.Peter SCHWARZBERG
	Ms.Patricia GASPAR
QPS UK	Mr.Duncan MALLACE
IC-ENC	Mr.James HARPER
FUGRO PELAGOS INC.	Mr.Don VENTURA
METU	Prof.Dr.Ayşen YILMAZ

## AGENDA of the MBSHC18

DAY 1 : Wednesday, September 25 <sup>th</sup>	Action
Registration	Host
<b>A. Opening</b>	
A1. Opening session	Host, Chair, IHB
A2. Administrative arrangements	Chair
<b>B. Management of the Commission</b>	
B1. Adoption of the Agenda	Chair
B2. Chairman's report	Chair
B3. Designation of the Vice-Chair of the Meeting	Chair
B4. Status of the action list from the 17 <sup>th</sup> MBSHC Meeting	Chair
<b>C. IHO Working Programme</b>	
C1. IHB report on status of the IHO Working Programme	IHB
<b>D. IHO Work Programme 1– "Corporate affairs"</b>	
D1. Cooperation with International Maritime Organization (IMO) Assemblies, Councils, COMSAR, MSC, NAV, TCC	
D1.1. Mandatory IMO Audit Scheme	IHB ,Chair
D2. Cooperation with Intergovernmental Oceanographic Commission (IOC)	
D2.1. Tsunami Matters	IOC
D2.2. Marine Disasters matters	IOC
Group Photo	Host
D3. Cooperation with European Commission	
D3.1. Report of DG-MARE	DG-MARE
D3.2. Report on the future establishment of the IHO- EU network	France
D3.3. Designation of MBSHC-EU coordinator	Chair
D4. International Sea Power Symposium	Italy

<p>Visit KOERI (Kandilli Observatory and Earthquake Research Institute)</p> <p>15:45 – 16:30: Transport to KOERI</p> <p>16:30 – 17:30: Visiting KOERI</p> <p>17:30 – 19:00: Ice Breaker</p> <p>19:00 – 19:45: Transport to Hotel</p>	Host
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DAY 2 : Thursday, September 26 <sup>th</sup>	Action
<b>E. IHO Work Programme 2 – “Hydrographic Services and Standards”</b>	
E1. S-100 and MSDI standards and Nautical Publications development	IHB
E2. Report of HSSC	IHB
E3. S-100 and the future chart production	Caris BV
<b>F. IHO Work Programme 3 – “Inter Regional Coordination and Support”</b>	
F1. Inter Regional Coordination Committee	
F1.1. Review of the IRCC actions	Chair
F1.2. MBSHC report to IRCC	Chair
F2. National reports General Synthesis	Chair
F3. World-wide Electronic Navigational Chart Database (WEND)	
F3.1 Amplification on the limitations of the lists (WEND-WG 02-11) of Ports not covered by larger scale ENC	IHB , France
F3.2. RENC operations (Progress made on RENC to RENC cooperation and ENC issues)	RENC Operators
F4. Coordination of Global Surveying and Charting	
F4.1. Hydrographic survey status in the MBSHC area – C-55 review	Spain
F4.2. Presentation of GEBCO activities	GEBCO
F4.3. Latest Region F ICCWG activities	France
F4.4 Status of MEDINTCHART Catalogue	France
F4.5. Status of official ENCs production by the MBSHC Member States	France- RENC Operators
F5. Increase participation by non Member States	
F5.1. Hydrographic activities in Lebanon	Lebanon
F6. Capacity Building Management	

F6.1. MBSHC representation in Capacity Building Sub-Committee (CBSC) meetings – decisions affecting MBSHC	Turkey
F6.2. Technical visit request of Georgia, Israel and Lebanon	Chair
F.6.3. Five-year CB Plan of the MBSHC	Chair, Turkey
F.6.4. Training Activities – Applied Hydrography Education Certificate Programme in METU/Turkey	Turkey
F.6.5. Fugro Pelagos Inc. Presentation	Fugro Pelagos

DAY 3 : Friday, September 27 <sup>th</sup>	Action
<b>G. Aspects concerning MBSHC</b>	
G1. Status of the Working Group of Black and Azov Seas	Turkey
G2. Development concerning the future Caspian Sea Working Group	Russia
G3. Status of ratification of the Protocol of Amendments to the IHO Convention	Chair, IHB
G4. Approval of the rules for designation of MBSHC representatives to the IHO Council	Chair, IHB, Italy
G5. Approval of pending applications for IHO membership	Chair, IHB
G6. Status of pending Member States in the region for depositing the instrument of Accession	Chair, IHB
G7. GIS applications	Greece
G8. MSI in NAVAREA III area	Spain
G9. MSDI Public Service	Spain
G10. Estimated Values of SPIs and WPIs	Chair , IHB
G.11. Decision Support in incidents at the Adriatic Sea	Croatia
<b>H. Any Other business</b>	
H1. Reports from the Adjacent Hydrographic Commissions	EAtHC (France)
H2. Proposal to amend MBSHC statutes to allow official representation of a Member State by another Member- associated credentials	France
H3. Discussions of key points arising from National Reports and already not dealt with	Chair
H.4. Sharing Data with the wider Marine Community	Business Development and QPS B.V.

<b>I. Closure</b>	
I1, Decisions, resolutions and recommendations	Chair
I2. Date and venue of the next Meeting	
I3. Closing session and transfer of chair	

RULES FOR THE DESIGNATION OF MBSHC REPRESENTATIVES  
TO THE IHO COUNCIL

Designation of MBSHC Representatives to the IHO Council shall be determined in compliance with IHO General Regulations Art.2 and Art.16.

1. All Member States of the MBSHC will be asked by MBSHC Chair, to submit their candidacies to be designated as MBSHC representatives to the IHO Council six months before the ordinary session of the Assembly; copying its application to IHO Secretary-General.
2. MBSHC Member States who wish to be designated as representatives of another Regional Hydrographic Commission (RHC) shall inform the MBSHC Chair.
3. If the number of candidates is equal to the number of MBSHC representatives assigned by the IHO Secretary-General, then the aforementioned candidates will be automatically designated as representatives.
4. If the number of candidates is lower than the number of representatives assigned, the candidates will be automatically designated as representatives. Remaining positions will be designated, under the supervision and follow up of MBSHC chair, from a list of all MBSHC Member States in French alphabetical order, except for those States who are candidates on behalf of another RHC, giving preference firstly to the remaining States that have never been representatives before, and secondly to those that have not been representatives for the longest time.
5. In case the number of candidates is higher than the number of representatives assigned, a voting will take place at a Conference of the MBSHC, or by correspondence if no MBSHC Conference is scheduled in the six months prior to the Assembly. Each Member State will submit one voting paper listing as many Member States from the list of candidates as representative positions have been assigned to the MBSHC. This voting will only be valid if at least two thirds of all MBSHC full Member States are present or have voted by correspondence in due time.
6. The highest voted candidates will be designated as the MBSHC representatives in the IHO Council. In case of a draw the MBSHC Chair will cast a deciding vote.
7. All expenses connected with the participation of delegates to the Council shall be defrayed by their respective Country, in accordance with IHO General Regulations Art. 3.



## ACTION ITEMS, DECISIONS AND RECOMMENDATIONS

## 1. Action Items

Action No	Action	Responsible	Deadline
MBSHC18/01	Chair to circulate the draft disaster action plan and the MBSHC members to provide comments on the draft disaster action plan	Chair and All	End of November 2013
MBSHC18/02	to circulate the consolidated draft disaster action plan and put forward all actions resulting from it	Chair	End of January 2014
MBSHC18/03	to provide password protected page on the IHB website for Region F ICCWG.	IHB	End of November 2013
MBSHC18/04	to continue to engage Serbia (suspended MS) to encourage their re-insertion in IHO	Chair	MBSHC19
MBSHC18/05	to report to the Chair in-country progress on status of approval the Protocol of Amendments to the IHO Convention and new membership to IHO including any difficulties encountered or IHB assistance required	Relevant MSs	End of December 2013
MBSHC18/06	to circulate a letter asking for proposals for the agenda of the EIHC5	Chair	End of December 2013
MBSHC18/07	to prepare a priority list of main harbours without large scale ENC coverage in the region	Region F ICCWG Co-ordinator	End of December 2013
MBSHC18/08	to circulate a letter to the Members of ICCWG regarding the INT charts and ENC UB1 scheme presented at MBSHC18	Region F ICCWG Co-ordinator	End of November 2013
MBSHC18/09	to comment on the INT charts and ENC UB1 scheme circulated by Region F ICCWG Co-ordinator	All	End of January 2014
MBSHC18/10	to provide the Region F ICCWG Co-ordinator with a common proposal regarding the co-production of INT3706, INT3710, INT3712 and INT3716	GR and TR	End of December 2014
MBSHC18/11	to provide the Region F ICCWG Co-ordinator with a common proposal regarding the UB1 ENC cells TR100030 and IT100360	IT and TR	End of December 2014

MBSHC18/12	to send a graphical status of surveys to Spain in GIS applicable digital format (e.g. shape)	All	Yearly by February the 1st (last update 3 months before the meeting)
MBSHC18/13	to contact with the States bordering the Caspian Sea to inform them on the relevant works of the MBSHC18	Chair and RF	End of December 2013
MBSHC18/14	to invite the States bordering the Caspian Sea to attend the MBSHC19 as observers	Chair	MBSHC19
MBSHC18/15	to circulate the proposal of FR to amend MBSHC statutes to allow official representation of a Member State by another Member State with the associated credentials and ask for comments and proposals in order to be discussed in MBSHC19	Chair	End of December 2013
MBSHC18/16	to amend the ToRs of the EU-IHO Network and to add the RoP for the EU-IHO Focal Point to it and provide the IRCC Chair with ToR and RoP for circulation	FR	End of October 2013
MBSHC18/17	to provide the Chair with the provisional dates for technical visits	GE, IL and LB	End of November 2013
MBSHC18/18	to provide CB Coordinator (TR) with the CB requirements (technical visits, courses, seminars, workshops etc.) for the next five years and availability of training and recognized courses	All	End of December 2013
MBSHC18/19	to prepare draft 5-year CB plan of MBSHC and circulate draft plan for approval	CB Coordinator (TR)	End of January 2014
MBSHC18/20	to provide IHB with the project leaders details for the technical visits to GE, IL and LB	CB Coordinator (TR)	End of November 2013
MBSHC18/21	to provide Region F ICCWG Co-ordinator with the limits of the agreed INT charts in the Black Sea and Sea of Azov	BASWG Chair	End of December 2013
MBSHC18/22	to assist NAVAREA III Coordinator (ES) in contacting EG National Co-ordinator to solve the problem of navigational warnings received via postal mail vs other means, such as fax or e-mail	Chair	MBSHC19

MBSHC18/23	to circulate a letter regarding the estimated values of agreed SPIs and WPIs as of 31 December 2013 and target values for 31 December 2017 and all members to comments on the difficulties encountered and suggestions for the way forward	Chair  All	End of October 2013  End of November 2013
MBSHC18/24	to provide the IRCC Chair with the estimated values of agreed SPIs and WPIs as of 31 December 2013 and target values for 31 December 2017	Chair	End of December 2013
MBSHC18/25	to contact the IHB and the Chair to confirm the date of the venue of MBSHC19	GE	End of December 2014

## 2. Decisions

Decision No	Decision
MBSHC18 Decision 01	MBSHC approved the “Rules for Designation of MBSHC representatives to the IHO Council” as an enclosure in the Statutes of the MBSHC
MBSHC18 Decision 02	GR was designated as a focal point of the MBSHC for the EU-IHO relations
MBSHC18 Decision 03	MBSHC members to provide the Region F ICCWG Co-ordinator with the details (limits, scale, format) of proposed INT charts in order to simplify the validation process
MBSHC18 Decision 04	MBSHC agreed the team for technical visit to GE in 2014 composed of the experts from RF, TR and UA
MBSHC18 Decision 05	MBSHC agreed the team for technical visit to IL in 2014 composed of the experts from GR and TR
MBSHC18 Decision 06	MBSHC agreed the team for technical visit to LB in 2014 composed of the experts from FR and TR
MBSHC18 Decision 07	MBSHC agreed that the issues regarding the EU maritime policies and program to be included in the agenda of the MBSHC meetings as a permanent item
MBSHC18 Decision 08	MBSHC agreed the MBSHC19 meeting to be held in Batumi /Georgia.

### 3. Recommendations

Recommendation No	Recommendation
MBSHC18 Recommendation 01	MBSHC members to consider the amendment of resolution 1/2005 to include prevention and alert systems
MBSHC18 Recommendation 02	MBSHC members to contribute actively in the development of NEAMTWS through upgrade national sea level stations identified by NEAMTWS
MBSHC18 Recommendation 03	MBSHC members to review the WENDWG3 report
MBSHC18 Recommendation 04	MBSHC members to review “the Guidelines for Implementation of the WEND Principles” and comment on it
MBSHC18 Recommendation 05	MBSHC members to review the “draft WENC Concept” prepared by the RHSG and endorsed at the IRCC5 meeting