



# **22<sup>nd</sup> MEETING OF THE MEDITERRANEAN AND BLACK SEAS HYDROGRAPHIC COMMISSION**

## **CAPACITY BUILDING ACTIVITIES**

*VTC Meeting*

*May 27<sup>th</sup>-28<sup>th</sup>, 2021*

# SINCE *MBSHC21*...



*18<sup>th</sup> Meeting of the Capacity Building Sub-Committee was held on 2-3 June 2020 via VTC.*

*VTC Meeting*



*Intersessional Meeting of the Capacity Building Sub-Committee was held on 25-26 February 2021 via VTC.*

*May 27<sup>th</sup>-28<sup>th</sup>, 2021*

## KEY TAKEAWAYS-*CBSC 18*

- Reports and 3-year Work Plans of the Regional Hydrographic Commissions were presented.
- Topic of ‘Establishment of an IHO e-Learning Center’ was presented by KHOA, which is believed to offer a paradigm shift in the era’s training.
  - \* Focus of the trainings will be moved from trainer-centric single media approach to trainee-centric multimedia approach in a financially effective way.
  - \* A decision was taken to establish a Project Team (*Brazil, France, ROK, Turkey, United Kingdom, Secretary*) to further develop the structure and framework of an IHO e-Learning Center.
  - \* Newly-established PTe-Learning was tasked to work with IBSC and ROK on the the development of the structure and framework of an IHO e-Learning Center.

## KEY TAKEAWAYS-*CBSC 18 (Cont'd)*

### - Spain's Collaborations:

\* IHM provided a report concerning Spain's collaboration with other Regional Hydrographic Commissions through seminars, courses and workshops delivered in Spanish.

\* The scope, dates and requirements of the CAT-B & CAT-A Hydrographic Courses for Spanish-speaking foreign students that are carried out at the Hydrographic School of IHM (*a.k.a. Alejandro Malaspina*) were shared, as well.

### - Japan's International CAT-B Course:

\* Japan briefed the committee about the all-expenses-incurred CAT-B Hydrographic Course that is delivered in English, every year.

\* The course has been conducted by Japan International Cooperation Agency (*JICA*) in cooperation with Hydrographic and Oceanographic Department of Japan Coast Guard (*JHOD*). Applications are welcomed through diplomatic channels.

# KEY TAKEAWAYS-*CBSC 18 (Cont'd)*

- CB Performance Indicators were presented by the CBSC Chair.

Year	Submitted Requests	Delivered projects	Delivered Technical Visits	Number of Students	Resources needed from CBSC	Actual expenditures	Expenditures from ROK	Expenditures from Nippon
2005	5	3	5	51	103,166.90	29,699.29	-	-
2006	6	5	25	84	82,000.00	74,420.73	-	-
2007	4	7	14	93	181,500.00	78,827.55	55,818.56	-
2008	13	10	23	92	325,267.00	100,695.98	18,087.30	-
2009	12	9	5	141	294,782.00	158,205.44	51,729.28	in Kind
2010	10	9	8	109	319,880.00	180,625.99	19,524.09	in Kind
2011	17	13.5	10	140	502,435.00	300,388.32	189,456.24	in Kind
2012	30	22	11	227	516,185.76	310,810.03	282,825.71	in Kind
2013	36	20	6	129	412,600.00	325,717.63	373,109.21	in Kind
2014	27	24	8	154	687,444.60	636,263.36	268,523.18	229,201.00
2015	30	24	2	141	930,907.00	760,801.06	426,046.56	192,145.00
2016	34	22	8	180	975,106.00	727,198.06	353,025.51	195,000.00
2017	39	28	7	105	667,751.85	558,217.16	179,528.30	195,386.85
2018	42	23	3	97	998,250.00	833,466.10	399,335.23	194,514.00
2019	35	35	10	65	1,097,825.00	872,832.00	401,300.00	194,514.00

## KEY TAKEAWAYS-*INTERSESSIONAL*

- RHC CB Coordinators provided updates (*mostly arising from the limitation of the Covid-19 pandemic*), if any, concerning their approved CB plans.
- The committee was briefed by the PTe-Learning about the progress achieved.
- UKHO made a presentation on the available online training courses (*which were announced by the CB Coordinator early this year*).
- A dedicated Project Team was decided to be established with the purpose of the new CB Strategic Plan preparation.
- CBWP 21 was updated in accordance with the IHO-ROK PMB Meeting and additional funds made available by the ROK.

# MBSHC CB PLAN-2021

#	Activity	Participants
1	<i>Transition to S-1xx Products (Online Workshop)</i>	<i>Tunisia, Malta, Turkey, Italy, Spain, Bulgaria, Romania, Ukraine, Georgia, Croatia, Montenegro, Lebanon</i>
2	<i>Airborne Lidar Bathymetry (Online Workshop)</i>	<i>Tunisia, Malta, Turkey, Italy, Spain, Bulgaria, Romania, Ukraine, Georgia, Croatia, Montenegro, Lebanon</i>
3	<i>Using AI as Sonar Noise Classifier (Webinar)</i>	<i>Tunisia, Malta, Bulgaria, Romania, Ukraine, Georgia, Croatia, Montenegro, Spain, Italy, Turkey, Lebanon</i>
4	<i>Cartographic Data Management (Face-to-face Workshop)</i>	<i>Tunisia, Malta, Romania, Ukraine, Georgia, Bulgaria, Montenegro, Lebanon</i>

*Exact dates to be decided...*



# OTHER CB ACTIVITIES-*2021*



United Kingdom  
Hydrographic Office

## 1) UKHO Virtual Training Events

- ❑ *Understanding ENC's*
- ❑ *Introduction to S-57*
- ❑ *Compiling for Navigational Safety*



## 2) IALA Webinars

- ❑ *AtoN Remote Monitoring*
- ❑ *Buoy Moorings*
- ❑ *AtoN Light Characters*
- ❑ *AtoN Maintenance*

## 3) Webinar on Satellite-derived Bathymetry



# MBSHC CB PLAN-*THREE YEARS*

#	2021
1	<i>Transition to S-1xx Products (Online Workshop)</i>
2	<i>Airborne Lidar Bathymetry (Online Workshop)</i>
3	<i>Using AI as Sonar Noise Classifier (Webinar)</i>
4	<i>Cartographic Data Management (Face-to-face Workshop)</i>

#	2022
1	<i>Implementation of LoTS (Online Workshop)</i>
2	<i>MSDI Implementation (Workshop)</i>
3	<i>Underwater Photogrammetry (Webinar)</i>

#	2023
1	<i>MSI Development (Workshop)</i>
2	<i>ENC Quality Assessment (Workshop)</i>
3	<i>Oil Spill Detection with Remote Sensing (Webinar)</i>

# CB ACTIVITIES-*LAST TEN YEARS*

#	2014
1	<i>Technical Visit to Israel</i>
2	<i>Technical Visit to Georgia</i>
3	<i>Technical Visit to Lebanon</i>

#	2017
1	<i>Technical Visit to Azerbaijan</i>
2	<i>Workshop on ENC Production &amp; Distribution</i>
3	<i>Workshop on Technical Aspects of Maritime Boundaries</i>

#	2015
1	<i>Workshop on MSI</i>

#	2018
1	<i>Technical Visit to Georgia</i>
2	<i>Workshop on MSI</i>
3	<i>Port and Shallow Water Survey Course</i>

#	2016
1	<i>High Level Visit to Azerbaijan</i>
2	<i>Technical Visit to Montenegro</i>
3	<i>Workshop on MBE &amp; SSS</i>

#	2019
1	<i>Technical Visit to Lebanon</i>

# **FINAL WORD**

## **ACTIONS REQUESTED FROM MBSHC**

*Note the report.*

*Encourage MSs to provide feedback on the draft CB plan of 2023.*

*Encourage MSs to take part in the upcoming SDB Webinar.*



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**THANK YOU FOR YOUR ATTENTION**