

29th BUSINESS MEETING OF IHO-IAG ADVISORY BOARD ON THE TECHNICAL ASPECTS OF LAW OF THE SEA (ABLOS BM29)

Hybrid, 4th to 6th October 2022

1. Opening Remarks by the Chair

The Chair opened the meeting by welcoming all participants, especially those for whom it was their first meeting. She expressed that some of the ABLOS members and observer are not present due to several pandemic restrictions and the meeting will be in part virtually but hoped that the next meeting and associated conference could go ahead in person as normal.

2. Administrative Arrangements

The Secretary provided some brief comments on the conduct, related to COVID and all attendance are invited to self-tested before the meeting.

<https://iho.int/uploads/user/Services%20and%20Standards/ABLOS/ABLOS29/ABLOSBM29%20Logistics.pdf>

3. Introduction of Participants and Apologies

All participants introduced themselves and provided brief details of their background, see Annex A. Sam Harper (SH) introduced himself as IHO Assistant Director Survey and Operations and as such the new ABLOS Secretary. The Chair invited the new observers to introduce themselves, namely:

- Prof Lorenzo Schiano Di Pepe – Italy, in person
- Mr John Ells – Canada, remote

In Person/remote:

- Captain Izabel King Jeck, DHN, Brazil, in person
- Fiona Bloor, UKHO, UK, in person
- Prof Niels Andersen, DTU Space, Denmark, in person
- Dr Juan-Carlos Báez, CSN-UCHILE, Chile, in person
- Sam Harper, IHO Secretariat, Monaco, in person
- Steven Keating, NGIA, US, in person
- John Ells, CHSFOC, Canada, remote
-

Observer:

- Maria – Qatar, in person
- Fatair – Qatar, in person

Absences/Apologies were noted from:

- Marie Françoise – SHOM, France
- Prof Hyunsoo Kim – Republic of Korea
- Clive Schofield, apologies but Will joint remote
- NO info from Michael – DOALOS
- Mikael Lilje - Sweden

From details of the List of Members (see Annex), it was noted by NA that it will be necessary to find an IGS representative to replace Marie-Francoise due to she get retired during 2022 and will not continue active in ABLOS.

The chair noted that several of members terms finish during 2023, it will be necessary to ask any one for renew or extend their terms.

4. Agenda

The agenda was adopted without addition, see Annex B, and list of documents on IHO Website.

https://iho.int/uploads/user/Services%20and%20Standards/ABLOS/ABLOS29/ABLOS_BM29_Agenda_Draft.pdf

5. Approval of the minutes from BM28 and outcomes from HSSC14

The minutes for ABLOS BM28 were approved.

https://iho.int/uploads/user/Services%20and%20Standards/ABLOS/ABLOS29/ABLOS_BM28_Meeting_Report_Annexes.zip

6. Review of Actions and Decisions from BM28

The existing actions and decisions from BM28 and beyond were reviewed and approved.

https://iho.int/uploads/user/Services%20and%20Standards/ABLOS/ABLOS29/ABLOS_BM29_Action_Items_Final.docx

7. ABLOS 11th Conference, Final Preparations

The chair broached the topic and explain that the Conference was postponed for year 2023 and she recapped that the topics, sessions titles were all agreed but we would now review what needed to be updated. An amount of 11/12 abstracts received to date and all of them has good quality and relevant but too few only.

Niel Andersen proposed that those who have submitted abstracts be invited to present at the deferred conference.

Date for 11th Conference will be 11 and 12 of October 2023, and BM30 will be date 10-13

The organizing committee are remain including Izabel, Clive, Niels and Juan Carlos.

8. ABLOS the way forward

.1 Terms of Reference

The Chair introduced the ToRs and highlighted the changes that had been proposed with regards to making the periods of tenure for office holders co-terminus with the meetings. She sought approval from the participants for these changes which was granted by silence procedure. IHO Sec. noted this decision and indicated that the new ToRs would be uploaded to the website (BM 28 **Action 3**).

.2 Membership including review of terms

The Chair noted there were no current vacant positions, however the current terms of both Hyunsoo Kim (**HK**) and **CS** would finish at the next meeting (BM29).

.3 Capacity Building

Fiona Bloor (**FB**) informed the participants that the UKHO were not willing to provide the historic training course material to the group to be updated, on the basis of it containing UKHO IPR. She noted however, that in reviewing the material it was very UKHO 'centric' and did not closely follow TALOS. She offered to work up a TALOS based course on an IHO template, however the IHO Sec. advised that before any more effort was expended, consideration should be given to the target audience and purpose, given that the IHO Capacity Building Programme would be very unlikely to fund anything that was not focused on Phase 0 or Phase 1 activity. A course designed to cover the content of TALOS would clearly not be suitable for such an audience. A discussion followed and it was agreed that before taking any further action, a Training Needs Analysis needed to be undertaken (BM27 Action 3 and BM 28 **Action 4**).

.4 The future of ABLOS

It was agreed that the Future of ABLOS discussions should be addressed at the next physical meeting.

9. 11th ABLOS Conference 2023 (initial thoughts and planning)

.1 Dates and Venues

All agreed that planning for the 11th ABLOS postponed Conference should be undertaken on the basis it would be a face to face event. The abstract submission will be available at the site of <https://www.ablos.org>. Given this, it was decided that the IHO in Monaco would provide the venue with the greatest flexibility and minimum financial exposure. It was decided that the dates would be 11 – 12 October 2022, to be held in the middle of BM29 (10 & 13). It was agreed that the Abstract deadline would be the 1 July 2023, but it was noted that this could be extended if needed.

.2 Organising Committee

The Organising committee for the 11th Conference 2023 would be comprised of BRA, CHL, DNK, USA and WMU.

.3 Conference fund status report

The IHO presented the current state of the Conference fund, noting that there were sufficient funds to continue supporting the development of the ABLOS Website as well and supporting the initial expenditure for the Conference in 2022, to be invoice before end of the year 2022 and nother 2000 in Jan 2023.

The rate of the registration fee was discussed and it was noted that there were many variables that would need to be considered (e.g. Changes in cost of Travel and Subsistence due to COVID) before a final decision could be made. In the meantime the fee of EUR330 would be maintained as the starting point, including a possibilities to PhD student free of charge.

.4 Title and session themes

At BM28 it had been agreed that title/theme of the 11th conference would highlight “Ocean Geoscience: From the past century to the future decade”..

Potential themes and sessions were discussed. The general consensus was that for a two day conference with a Keynote address, six to seven sessions would be the limit. the sessions remain the same as the one planned in the year 2022.

.5 Publicity

A number of different options for publicity and communications were discussed, including the use of various social media platforms. It was noted that the ABLOS Website should be the central point for information, and all other communication activities should direct interest towards this. It was suggested that we need to be far more active in this space and that we need to take many different approaches, including using our networks as well as advertising.

.6 Keynote speaker

Professor Larry Mayer (**LM**) had previously agreed to remain as one of the keynote speakers. Marcel need to confirm if agree to be keynote again. Harriet Hatton Davies was suggested by Clive Schofield and need to be confirmed.

10. TALOS Manual (C-51)

.1 Editorial Board chair report

The Chair provided brief details of recent activities and updated the participants that she had been unable to make contact the Chair of the Editorial Board Grant Boyes (**GB**). **Post Meeting Note. GB** has advised the Chair that due to ill health he will not be able to continue as the Chair of the Editorial Board. The Chair, on behalf of members, the IHO and IAG has conveyed her thanks to the hard work and support provided by GB over the years and wished him well in his recovery.

John Ells accepted the invitation to be the Chair of the Editorial Board. As already defined in 27BM the current listed Editorial group for C-51 is:

- coordinating editor and chapter one – **John Ells**
- chapter 2 - Niels Andersen with **Juan Carlos Báez and Mikael Lilje to assist**
- chapter 4 - **Marie-Françoise Lequentrec-Lalancette**
- chapter 3 - Izabel King Jeck with **Juan Carlos Báez and Peush Pawsey to assist**
- chapters 5 and 6 - Clive Schofield and Hyunsoo Kim
- supporting figures and animations - Clive Schofield; **graphics, diagrams and images to be initially selected by the chapter editors for subsequent manipulation into more dynamic digital format later.**

.2 Edition 7.0.0 status and progress of format and content

The Chair reported that initial plans and ideas had been discussed for Edition 7.0.0 but these were still at an early stage. Key items that had been considered were the conversion of the current .pdf hardcopy document into an e-publication (together with all the opportunities that this would bring), as well as the creation of an executive summary or simplified sections that aided understanding for non-specialists. She indicated that this work would have to be progressed intersessionally with an update provided at the BM29 (BM 27 Action 7).

.3 Status of French and Spanish versions of Edition 6.0.0

.4

IHO Sec. reported that the French version had been received with requested amendments made. This version would now undergo final formatting and be uploaded to the IHO Website (BM28 **Actions 10 and 11**). It was reported that the Spanish translation was almost complete and expected to be delivered to the IHO by the end of March. A question was posed as to whether the images and animations should be translated. The Chair advised that this had been the case for the French translation so the expectation was that this should also be done for the Spanish version, even if this took extra time.

.5 Arabic translation of Edition 6.0.0

Qatar reported that the Arabic translation had also been completed and would be deposited with the Chair and IHO shortly. It was also pointed out that DOALOS had someone who could work on the Russian translation.

11. Reports on Members' attendance at LOS related conferences

Niels Andersen report attended and gave a presentation at the twenty-second meeting of the United Nations Open-ended Informal Consultative Process (IPC) on Oceans and the Law of the Sea in New York 6 – 10 June 2022.

Member of the Danish delegation as well as the technical working group preparing and negotiating the agreement resolving outstanding boundary issues over Tartupaluk (Hans Island). The maritime boundary on the continental shelf within 200 nautical miles, including the Lincoln Sea; and the continental shelf beyond 200 nautical miles in the Labrador Sea. Several meetings, including the signing ceremony in Ottawa 14 June 2022.

Nordic Geodetic Commission General Assembly 4 – 6 October 2002: Planet Ocean and Geodesy.

Permanent advisor to the Danish Ministry of Foreign Affairs on Law of the Sea issues.

Forthcoming events:

Arctic International Technical Conference (AITC) on Arctic Mapping in Nuuk Greenland 25 – 28 April 2022

IUGG GA in Berlin July 2023

12. Review of requests to ABLOS, including IHO Capacity Building training/courses/seminars:

The IHO Sec. reported that no requests for LOS have been forthcoming since last year but there remains the need to.

13. Report to IHO Hydrographic Services and Standards Committee (HSSC), including review of Work Programme and representation/attendance

The draft Work Plan 2022-2023 was circulated and adopted after the BM (Annex E)

14. Any Other Business

.1 Question over allocation of work process through HSSC.

15. Date of the 30th Business Meeting and 11th ABLOS Conference

The provisional dates for the 30th Business meeting were agreed as the 10th and 13th October 2023, with the 11th ABLOS Conference to be held on the 11th and 12th October. Both meetings would take place at the IHO Secretariat, Monaco. Qatar offered to promote the 31th BM together with a LOS seminar in October 2024.

16. Review of List of Actions for BM29 and draft agenda for 30th Business Meeting.

It was agreed that the list of actions and decisions should be circulated with the draft meeting report for comment and input (Annex F).

17. Chair/vice-chair

Juan-Carlos Báez from IAG was elected to Chair and Fiona Bloor from IHO was elected to vice-chair in lieu of approval.

18. Closure of the Meeting

The Chair closed the meeting and thanked all for their participation. She reiterated her hope that the next time we met it would be in person as there are remaining issues that can only be tackled face to face.

Annexes:

- A. List of Participants
- B. Agenda BM29 Final
- C. List of Actions
- D. Terms of Reference
- E. Work Plan 2022-2023 - draft
- F. Draft agenda BM30
- G. Members LOS Related Activities
- H. List of members

LIST OF PARTICIPANTS

Country	Name	E-mail
Brazil	Izabel King-Jeck (chair)	izabel@marinha.mil.br
Canada	John Ells	john.ells@dfo-mpo.gc.ca
Chile	Dr Juan-Carlos Báez (vice-chair)	jcbaez@csn.uchile.cl
Denmark	Dr Niels Andersen	na@space.dtu.dk
Italy	Prof Lorenzo Schiano Di Pepe	lorenzo.schianodipepe@unige.it
United Kingdom	Fiona Bloor	fiona.bloor@ukho.gov.uk
IHO	Mr Sam Harper (secretary)	adso@iho.int
IHO Observer (Australia)	Prof Clive Schofield	chs@wmu.se
IHO Observer (India)	Peush Pawsey	peush.pawsey@navy.gov.in
Observer (USA)	Steven Keating	steven.g.keating@nga.mil
Observer (Qatar)	Mariam al Hail	mhail@mofa.gov.qa
Observer (Qatar)	Dr Elfatih El Rasheed el Nour	elfatih@shura.gov.qa



29th ABLOS BUSINESS MEETING
IHO Secretariat, Monaco, 4th to 6th October 2022

Final Agenda

1. Opening remarks by the Chairman, including welcome to new participants
2. Administrative arrangements (**Secretary**)
3. Introduction of participants and apologies
4. Adoption of the Agenda
5. Approval of the minutes of the 28th Business Meeting and outcomes of HSSC14.
6. Review of Actions from BM28
7. ABLOS the way forward:
 1. Terms of Reference
 2. Membership, including review of terms
 3. Capacity Building Training Course material
 4. Future of ABLOS
8. 11th ABLOS Conference 2023:
 1. Update on deferral to 2023
 2. Dates and venue
 3. Organizing Committee
 4. Conference fund status report
 5. Title and session themes
 6. Publicity
 7. Key Note Speaker
9. Reports on members' attendance at LOS related conferences and details of significant forthcoming events
10. Review of requests to ABLOS, including IHO Capacity Building training/courses/seminars
11. TALOS Manual (C-51)
 1. Report from Chair of Editorial Board
 2. Review of Edition 7.0.0 status and progress of format and content
 3. Status of French and Spanish versions of Edition 6.0.0
 4. Arabic translation of Edition 6.0.0
12. Review of Work Programme and representation/attendance at HSSC15
13. Any Other Business
14. Confirm details of the 30th Business Meeting and 11th ABLOS Conference – date and venue and dates for 31st Business Meeting
15. Review of List of Actions for BM29 and draft agenda for 30th Business Meeting.
16. Closure of the Meeting

LIST OF ABLOS29 BM ACTION ITEMS
(As of 6 September 2023)

Number	Agenda Item	Subject	Status / Due Date	Comments		Action By
	ABLOS23	Raising profile of ABLOS	On going	Investigate ways to raise profile of ABLOS amongst IAG community and recruit additional personnel as IAG Observers	Ongoing To be discussed at AOB	All IAG members
	ABLOS24	Future of ABLOS	On going	Highlight to CB Regional Coordinators for them to raise at RHCs what ABLOS can provide in terms of CB training and regional based seminars, normally associated with an ABLOS BM	To be discussed at the next meeting face t face	Chair/IHO
ABLOS BM26						
2	8	List of Actions ABLOS BM25	On going	Provide links to relevant events and organizations for inclusion in the ABLOS website	Remains ongoing	All
3	8	List of Actions ABLOS BM25	ABLOS BM27	Create history of ABLOS article for publication on ABLOS website	Completed/paused reference new	NA
11	11	Conference wash-up	ABLOS BM27	Develop abstract and biographical note template	completed	JCB
13	13.4	11th Conference	29 November	Organizing Committee to develop conference theme and title for wider ABLOS discussion	Title defined; Themes proposed in the 29BM minutes	IKJ
14	13.5	11 th Conference	ABLOS BM27	Investigate the creation of a generic ABLOS email address for use in conference preparations	Noted that we will have to pay for ABLOS email address 40 USD per year for each account Suggest it is paid with maintenance of the website	IHO/JCB
25	15	ABLOS Activities	29 November	Circulate details of future events and activities for ABLOS representation and inclusion in the website	Included in BM27 and BM28	CS/All
ABLOS BM27						

Number	Agenda Item	Subject	Status / Due Date	Comments		Action By
1	5	List of Actions ABLOS BM26	30 October 2020	Obtain individual permission to upload photograph to ABLOS website	Should be a specific requirement/wish by each person Suggested that consent for the group photo to be published Ongoing/new deadline	NA
3	6.3	CB Training Course	27 November 2020	Develop initial course material on IHO template	To be discussed	FB/IHO
7	8.2	Planning C-51 Edition 7.0.0	BM28	Provide proposed format, outline contents, draft executive summaries and anticipated target audience details		JE
11	8.3	Translations of C-51 Edition 6.0.0	27 November 2020	Investigate via UN contacts whether resources could be found to progress a Russian translation		DOALOS
14	9	LOS related conferences	On going	Provide details of significant relevant forthcoming events		All
ABLOS BM28						
1	6	List of Actions ABLOS BM25	tbc	Arrange visit to IHO Secretariat/UKHO to research ABLOS History and discuss ABLOS/IHO interface		Niels Andersen
2	7	ABLOS Webinar	DEC 2021	Publish abstracts, names of presenters/authors and biographies on ABLOS Website		NA/IHO
3	8.1	ABLOS Way Forward - Terms of Reference	DEC 21	Publish updated ToRs on IHO ABLOS website		IHO
4	8.3	ABLOS Way Forward – CB Training course	JUN 22	Undertake Training Needs Analysis for the development of future capacity building and/or education material by engaging relevant stakeholders (RHCs, FIG, DOALOS etc.)		IKJ/IHO
5	9.1	11 th ABLOS Conference 2022 (initial thoughts and planning)	OCT 21	Abstract template to be supplied to NA		JCB

Number	Agenda Item	Subject	Status / Due Date	Comments	Action By
6	9.1	11 th ABLOS Conference 2022 (initial thoughts and planning)	OCT 21	Template for abstract to be uploaded to ABLOS website	NA
7	9.3	11 th ABLOS Conference 2022 (initial thoughts and planning)	DEC 21	Registration fee to be finalised by Organising Committee in light of continuing COVID uncertainty and other considerations (e.g. reduced student fees)	Conference organising committee
8	9.4	11 th ABLOS Conference 2022 (initial thoughts and planning)	Ongoing	Consider links between conference and Canada – IHO Empowering Women in Hydrography Project	Conference organising committee
9	9.5	11 th ABLOS Conference 2022 (initial thoughts and planning)	Ongoing	Engage IHO Communications Officer to assist promotion of the conference	Conference organising committee
10	10.3	TALOS Manual (C-51)	NOV 21	Incorporate updates to French Language version of TALOS	IHO
11	10.3	TALOS Manual (C-51)	DEC 21	Publish French Language version of TALOS 6.01	IHO
12	10.3	TALOS Manual (C-51)	NOV 21	Finalize the Spanish Language version of TALOS 6.1	JCB
13	10.4	TALOS Manual (C-51)	OCT 21	Investigate whether independent validation of text is required of Chinese and Arabic Versions or a note as to indicating English language version as reference	IHO
14	11	Reports on members' attendance at LOS related conferences and forthcoming events at which ABLOS could be represented	Ongoing	To send in relevant events for distribution to the group where ABLOS should be represented	All
15	12	Review of requests to ABLOS, including IHO Capacity Building training/courses/seminars:	JAN 22	ABLOS to engage MBSHC to understand requirements of CB submission	IKJ

Number	Agenda Item	Subject	Status / Due Date	Comments	Action By
16	14	Any Other Business	Ongoing	Consider conducting interview(s) with ABLOS members/stakeholders for publication in relevant industry literature and the ABLOS website	IKJ/NA/All
17	14	Any Other Business	DEC 21	Add metric counting facility to website	NA
18	8.2	List of Members	Dic 22	Send CL for the vacancy of Dr Kim for IHO representative to find replacement to be in place by the end of the year	
19	8.2	List of Members	July 23	consider who will continue form IAG side as a member of ABLOS	NA, JCB
20	8.3	Cap. Building Tran. Mat.	Oct 23	Reach out to DOALOS to see what material they have for introductory/developing levels	SK
21	8.3	Cap. Building Tran. Mat.	Oct 23	Reach out to DOALOS to see what they require by way of support with CB	FB
22	8.3	Cap. Building Tran. Mat.	Oct 23	NA to engage with IAGG as to hw CB activities could be supported from the Bureau	NA
23	8.4	Future of ABLOS	Oct 23	ABELOS-IOC engage collaboration with them.	IHO Secretariat
24	9.2	Organizing Committee	July 23	Create a temporary conference email address	NA, IHO Secretariat
25	9.2	Organizing Committee	Sep 23	Provide hotel information for surrounding towns/cities together with transport connection information	IHO Secretariat
26	9.2	Organizing Committee	Dic 22	Release first call for abstracts before Christmas 2022	NA
27	12.1	Editorial board	Dic 23	Present revised draft text to BM30	Chair of EB

Number	Agenda Item	Subject	Status / Due Date	Comments		Action By
28	12	Editorial board	Dic 23	Correct the annex 4 list of contributors to reflect inclusion of those who have been accidentally omitted		Chair of EB



TERMS OF REFERENCE
For the Advisory Board on the Law of the Sea (ABLOS)
of the
International Hydrographic Organization (IHO) and
the International Association of Geodesy (IAG)
(as amended 25 October 2018)

Ref: 1st HSSC Meeting (Singapore 2009)
11th HSSC Meeting (Cape Town 2019)

OBJECTIVE:

To provide information and advice on technical aspects of the Law of the Sea.

1. Terms of Reference

- 1.1. To provide information and advice with regard to the technical aspects of the Law of the Sea to:
 - a) the parent Organizations (IHO/IAG) or to other organizations; and
 - b) to their Member States.
- 1.2. To review State practice and jurisprudence on Law of the Sea matters which are relevant to the work of ABLOS so as to be in a position to provide expert advice when needed.
- 1.3. To study, promote and encourage the development of appropriate techniques in the application of the technical concepts contained within certain provisions of the United Nations Convention on the Law of the Sea.
- 1.4. To review and update IHO Special Publication C-51 "A Manual on Technical Aspects of the United Nations' Convention on the Law of the Sea - 1982" (TALOS Manual).
- 1.5. To prepare, review and update other ABLOS publications as required by the parent organizations (IHO/IAG).

2. Rules of Procedure

- 2.1. ABLOS shall be composed of eight voting Members, preferably chosen with wide geographic representation. Each parent Organization (IHO/IAG) shall appoint four members. The Division for Ocean Affairs and the Law of the Sea of the United Nations Office of Legal Affairs (DOALOS), and the IHO Secretariat shall have representatives in an ex-officio capacity without voting rights.
- 2.2. ABLOS should normally take decisions by consensus. Should a vote be necessary then a simple majority of those present and voting is required, subject to a minimum of 4 voting members being present. In the case of a tied vote the Chair shall have a casting vote.

- 2.3. The Member States of the IHO, the IAG and ABLOS through its Chair may appoint observers to ABLOS. Observers may participate in correspondence and attend meetings but may not vote.
- 2.4. Appointed Members and Observers shall serve for a term of four years, renewable by a recommendation of the Board for one additional four-year term and with the approval of the corresponding parent organization. Observers may be reappointed with the approval of the ABLOS for further terms. The Chair shall inform the relevant parent organization of any foreseeable vacancy in a timely manner. Members and Observers are expected to attend every meeting of ABLOS. Where a Member or Observer fails to attend two consecutive meetings the Chair should raise the matter with the parent Organization (IHO/IAG) with a view to rectifying the situation.
- 2.5. All terms, for Appointed Members and Observers, will start on completion of the Business Meeting immediately after the individual's appointment and complete at the end of the Business Meeting four years after appointment. If a vacancy is created intersessionally, the new appointed individual's membership will be effective immediately but dated from completion of the next Business Meeting.
- 2.6. Whilst Members of ABLOS are appointed by their parent Organizations (IHO/IAG), to whom they are accountable, Members are expected to serve as individual experts in their own right. No statements or publications may be issued in the name of ABLOS without ABLOS's prior approval.
- 2.7. The Chair and Vice-Chair shall be elected by ABLOS and should normally come from different parent Organizations (IHO/IAG) on a rotational basis. They will serve for a two-year period, after which the Vice-Chair becomes Chair and a new Vice-Chair is elected. If the Chair is not present or available, the Vice-Chair shall act in this capacity until the next meeting. Should the Vice-Chair not be available to take office as Chair when required, a new Chair and Vice-Chair should be elected.
- 2.8. ABLOS may establish Working Groups to carry out specific tasks.
- 2.9. ABLOS will have its permanent Secretariat at the IHO Secretariat, Monaco. The Secretariat will publish the documents and publications produced by the Board as required.
- 2.10. Members and Observers of ABLOS are expected to be supported by their own host organizations or governments for travel expenses and work. Exceptionally, an ABLOS appointed Observer may be supported by ABLOS for a specific task.
- 2.11. ABLOS will normally meet once a year at a venue and time that minimizes cost and conducts business by correspondence between meetings.
- 2.12. ABLOS may organise conferences and seminars. A biennial technical conference will normally be held in Monaco in conjunction with an ABLOS meeting. ABLOS may operate a fund to cover the receipts and expenses of running such a conference. Guidelines for the operation of this fund are appended to these terms of reference.
- 2.13. The Chair or his/her nominated representative shall report on the activities of the Board to the annual meeting of the IHO Hydrographic Services and Standards Committee (HSSC) and to each ordinary session of the Assembly through the Council. The Chair or his/her nominated representative shall also provide an annual report on ABLOS's activities to the IAG and a report covering the inter-sessional period to the General Assembly of the IAG.

- 2.14. These TOR should be reviewed by ABLOS as required and not less frequently than every 4 years. Amendments, recommended by ABLOS, are to be submitted to the parent Organizations (IHO/IAG) for approval.

ABLOS CONFERENCE FUND GUIDELINES
(As amended 27 October 2016)

Reference: IHO resolution 1/2014, as amended

1. Introduction

1.1 The Advisory Board on the Law of the Sea (ABLOS) is formed by four representatives from each of the following bodies: The International Hydrographic Organization (IHO) and the International Association of Geodesy (IAG). Secretarial support for ABLOS is provided by the IHO Secretariat. The parent organizations (IHO/IAG) approve the Terms of Reference (TOR) for ABLOS. The Division of Ocean Affairs and Law of the Sea (DOALOS) of the United Nations Office of Legal Affairs and the IHO Secretariat attend ABLOS meetings in an ex-Officio capacity.

2. Biennial Conference

2.1 The TOR invite ABLOS to organise seminars and technical conferences and permit the operation of a fund to support such activities.

3. Income

3.1 The primary source of income for the fund will be from the registration fees of delegates attending such seminars / conferences. ABLOS should set the level of registrations fees in order to provide a modest excess of income over expenditure given an estimated attendance.

4. Expenditure

4.1 The primary expenditure for the fund will be to cover the costs of running the seminars / conferences. Expenditure may include but is not limited to: assistance to speakers / tutorial leaders, conference equipment, documentation, proceedings, staff overtime, reception and tea breaks.

4.2 ABLOS may use any funds in excess of 3000 Euros remaining after all expenses for a seminar / conference have been settled, to fund other activities conducted by ABLOS. Limited support for travel / subsistence in connection with production of a new edition of C-51 'A Manual on Technical Aspects of the Law of the Sea' might be considered such an activity. Such expenditure must be approved by a simple majority of the ABLOS Membership.

4.3 Routine expenditure in support of a seminar / conference may be transacted by the IHO Secretariat and reported in the fund accounts.

5. Operation

5.1 The fund will be operated by the IHO Secretariat on behalf of ABLOS. A copy of the fund accounts will be provided to the Annual Business Meeting of ABLOS and immediately after finalising the accounts following a seminar / conference.

6. Review

6.1 This guidance should be reviewed, and amended as necessary, by ABLOS at intervals not exceeding 4 years.

ABLOS WORK PLAN 2022-23

Tasks

A	Organise the 11 th ABLOS Conference in 2022 (IHO Task 2.7.1)
B	Maintain IHO Publication C-51 "Technical Aspects of the Law of the Sea (TALOS) Manual" (IHO Task 2.7.2)
C	Deliver a standard training program on the hydrographic aspects of maritime delimitation (IHO Task 3.3.11)
D	Provide advice and guidance on the technical aspect of the Law of the Sea to relevant organizations, bodies and Member States (IHO Task 2.7.2)
E	Organize and prepare ABLOS business meetings in 2022 and 2023 (IHO Task 2.1.2.8)

Work items

Task	Work item	Priority H-high M-medium L-low	Next milestone	Start Date	End Date	Status P-planned O-ongoing C-completed	Contact Person(s) * indicates leader	Related Pubs / Standard	Remarks
A1	Organise 11 th ABLOS Conference	H	Begin advertising Identify and invite key note speaker Confirm conference title Attract presentation abstracts	2019 2019 2019 2019	2022 2023 2022 2023	O O C O	All members of ABLOS through Committee	N/A	
A2	Conference support and outreach	H	Develop and maintain ABLOS website	2019	On going	O	Niels Andersen		
B1	Prepare draft 6 th Edition of C-51 (TALOS Manual) for adoption by Member States	M	Review initial Spanish translation and propose amendments	2018	2023	O	Juan Carlos Báez Soto*	IHO Publication C-51	

Task	Work item	Priority H-high M-medium L-low	Next milestone	Start Date	End Date	Status P-planned O-ongoing C-completed	Contact Person(s) * indicates leader	Related Pubs / Standard	Remarks
B2	Commence 7 th Edition	H	Confirm Format and Content	2019	2022	O	Editorial Board John Ells	IHO Publication C-51	
		H	Study the conversion to digital format and create an executive summary to non-specialists use	2021	2023	P	Editorial Board John Ells		
		M	Review contents of chapters and identify areas requiring revision	2021	2023	P	Editorial Board		
		M	Develop draft revised chapters and seek ABLOS consensus	2023	2024	P	Editorial Board		
		M	Submit to HSSC for endorsement and circulation to IHO MS and AIG EC for approval and adoption	2023	2024	P	ABLOS Chair		
		M	Progress French and Spanish translations	2023	2024	P	Marie-Françoise Lequentrec-Lalancette*/ Juan Carlos Báez Soto*	IHO Res. 2/2007, as amended	
C1	Deliver standard training programmes for the CBSC	H	Develop and maintain core training material	2011	Continuous	O	Izabel King Jeck Fiona Bloor Juan Carlos Báez Soto	IHO Publication C-51	Training Needs Analysis needed to be undertaken.
D1	Provide advice and guidance on the technical aspect of the Law of the Sea	H		Continuous		O	All members of ABLOS through the Chair		

Meetings (Tasks A & E)

Date	Location	Activity
6 - 8 October 2020	Remote VTC	ABLOS 27
5 - 6 October 2021	Remote VTC	ABLOS 28 and Webinar
3 - 6 October 2022	IHO, Monaco	ABLOS 29 and 11 th ABLOS Conference
October 2023	Doha, Qatar	ABLOS 30 and seminar

Chair: Izabel King Jeck Email: izabel@marinha.mil.br

Vice-Chair: Juan Carlos Báez Soto Email: jcbaez@dgf.uchile.cl

Secretary: Sam Harper Email: adso@iho.int



MEMBERS OF ABLOS – September 2021

IHO representatives:

Fiona Bloor (Vice-Chair) {April 2019 – October 2023 (BM30)}

Law of the Sea

UKHO

Admiralty Way

Taunton

TA1 2DN UNITED

KINGDOM

Tel:

Fax:

E-mail: fiona.bloor@ukho.gov.uk; LOS@ukho.gov.uk

Captain Izabel King Jeck (Chair) {July 2017 – October 2022 (BM29); October 2022 – October 2026 (BM33)}

Directorate of Hydrography and Navigation

Rua Barão de Jaceguay S/N

Ponta da Armação

Niterói – RJ,

CEP 24048-900

BRAZIL

Tel: +55 21 2189 3837;

Fax: +55 21 2189 3837

E-mail: izabel@marinha.mil.br; izabelkj@hotmail.com

Professor Lorenzo Schiano Di Pepe {January 2021 – October 2025 (BM32)}

Via Assarotti, 5

Genoa 16122 ITALY

or

Via Balbi, 22

Genoa 16126

ITALY

Tel: +39 010 2095719/+39 010 885635

Fax: +39 010 812607

E-mail: lorenzo.schianodipepe@unige.it;

Professor Hyunsoo Kim {July 2013 – July 2017; July 2017 – October 2022 (BM29)}

School of Law

INHA University

100 Inha-ro

Nam-gu,

Incheon, 402-751,

REPUBLIC OF KOREA

Tel: +82-32-860-7924(o)

Fax: +82-32-860-7914(o)

E-mail: Kimhsoo@inha.ac.kr; kimhsoo@hanmail.net

IAG representatives:

Dr Juan Carlos Báez Soto (Chair) {July 2019 – October 2024 (BM31)}

Centro Sismológico Nacional

Universidad de Chile

Blanco Encalada 2002

Santiago

CHILE

Tel: +56 43 2405246; Mobile: +56 9 88282682

Fax: +56 42 2405223

E-mail: jcbaez@dgf.uchile.cl; jcbaez@csn.uchile.cl; jcgeodesy@gmail.com

Dr. Marie-Françoise Lequentrec-Lalancette {March 2017 – March 2021; March 2021 – October 2025 (BM32)}

Shom

Director of Research and Innovation

13 rue du Chatellier

CS 92803

29228 Brest Cedex 2

FRANCE

Tel: +33 (0) 2 56 31 23 85

Fax: +33 (0) 2 56 31 25 80

E-mail: marie-francoise.lalancette@shom.fr

Professor Niels Andersen {July 2019 – October 2023 (BM30)}

Deputy Director DTU Space

Technical University of Denmark

National Space Institute

Elektrovej

Building 327

2800 Kgs. Lyngby

DENMARK

Tel: +45 4525 9783; Mobile: +45 2127 4365

E-mail: na@space.dtu.dk

John Ells {March 2021 – October 2025 (BM32)}

Geodetic Engineer

Canadian Hydrographic Service Fisheries and Oceans Canada

200 Kent Street

Ottawa, Ontario

K1A 0E6

Canada

Tel: +1 613 240-6892

E-mail: John.Ells@dfo-mpo.gc.ca

DOALOS ex-officio representative:

Vladimír Jareš

Secretary, Commission of the Limits of the Continental Shelf
Division of Ocean Affairs & the Law of the Sea (DOALOS), United Nations
New York
NY 10017
UNITED STATES OF AMERICA
Tel: +1 212 963 1234;
Fax: +1 212 963 4879;
E-mail: jares@un.org; doalos@un.org

IHO Secretariat ex-officio representative:

Sam Harper (Secretary)

Assistant Director
IHO
4B Quai Antoine 1er
BP 445,
MC98011 Monaco Cedex Principauté
de MONACO.
Tel : +377 93108100;
Fax: +377 93108140;
E-mail: sam.harper@iho.int

IHO Observers

Commodore Peush Pawsey {July 2019 – October 2023 (BM30)}

Principle Director
National Hydrographic Office
107-A, Rajpur Road,
Dehradun
Uttarakhand 248 001
INDIA
Tel: +91-135-2746290;
Fax: +91-135-2748373;
E-mail: ia-inho@navy.gov.in

Professor Clive Schofield {October 2018 – October 2022 (BM29)}

Director of Research & ARC Future Fellow
Australian National Centre for Ocean Resources and Security (ANCORS),
University of Wollongong
NSW 2522
AUSTRALIA
Tel: +61 2 4221 4446
Fax: +61 2 4221 5544
E-mail: clives@uow.edu.au; cliveschofield@yahoo.co.uk

Steven Keating {July 2019 – October 2023 (BM30)}

Attorney for the National Geospatial-Intelligence Agency
Agency, Office of General Counsel
National Geospatial-Intelligence Agency
7500 GEOINT Drive
Springfield, Virginia 22150

UNITED STATES OF AMERICA

Tel: +1 571-557-2989 Fax:

E-mail: Steven.G.Keating@nga.mil

Doctor Mekoul Isreäl Jacob Baruc {August 2021 – October 2025 (BM32)}

Université de Yaoundé II à Soa
Technical Advisor for Law of the Sea
Ministry of Transport
CAMEROUN
Tel:
E-mail: mekoul@yahoo.fr

IAG Observer

Mikael Lilje {July 2019 – October 2023 (BM30)}

Lantmäteriet
80182 Gavle
SWEDEN
Tel: +46 26 633742; mobile: +46 70 2089571
E-mail: mikael.lilje@lm.se