

**Intergovernmental Oceanographic Commission**  
*Reports of Governing and Major Subsidiary Bodies*



**Forty-fifth Session  
of the Executive Council**

Paris, 26–28 June 2012

**UNESCO**

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Paris, 26–28 June 2012

**UNESCO 2012**

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      On the occasion of the closure of the Forty-fifth Session of the IOC Executive Council

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## PART I

**DECISIONS APPROVED**EC-XLV/Dec.2.1**Agenda**

The Executive Council adopted the agenda and the timetable of work as set out in document IOC/EC-XLV/1 Prov. and Add. with the following modification:

- Item 4.2 The Future Needs for Intergovernmental Coordination and Governance for Sustained Observation and Services and the Future of the Commission.

EC-XLV/Dec.2.2**Rapporteur**

The Executive Council designated Frederico Antonio Saraiva Nogueira of Brazil Rapporteur for its present session to assist the Chair and the Executive Secretary in the preparation of the Chair's Summary of the discussions of the Session.

EC-XLV/Dec.2.3**Sessional Committees and Working Groups**

The Executive Council established the following open-ended sessional committee and one working group and referred to them the following agenda items:

- Financial Committee: agenda items 5.1 and 5.2 under the Chairmanship of Peter Haugan of Norway with the following Member States declaring their wish to participate: Australia, Belgium, Canada, Chile, China, Ecuador, Egypt, France, Germany, India, Japan, Kenya, Malaysia, Mexico, Nigeria, Portugal, Republic of Korea, Russian Federation, South Africa, Tanzania, Thailand, Turkey, U.K. and USA,
- Working Group on Operational Oceanography: agenda item 4.2 with the following Member States declaring their wish to participate: Argentina, Australia, Belgium, Brazil, Bulgaria, Cameroon, Canada, Chile, China, Colombia, Croatia, Ecuador, Egypt, France, Germany, India, Japan, Indonesia, Kuwait, Malaysia, Mexico, Norway, Peru, Portugal, Republic of Korea, Russian Federation, South Africa, Spain, Thailand, Tunisia, Turkey, UK, USA, and EUROGOOS (as observer).

EC-XLV/Dec.2.4

**Timetable and documentation**

The Executive Council,

Taking note of the cost efficiency measures put in place at this session and the changes to the working methods of the Executive Council as presented in document IOC/EC-XLV/Inf.1, which affect both the timetable and the in-session documentation,

Agrees with the Provisional Timetable (IOC/EC-XLV/1 Prov. Add.) and methods of work pending review of their efficiency at the end of the session.

EC-XLV/Dec.3.1

**Statement of the Chair on the State of the Commission**

The Executive Council, thanks the Chair for his statement to be published as document IOC/EC-XLV/2 Annex 1 and takes note of its contents and of the interventions of Member States that are reproduced in annex IV.

EC-XLV/Dec.3.2

**I. Report of the Executive Secretary**

The Executive Council,

Having examined documents IOC/EC-XLV/2 Annex 2 and IOC/EC-XLV/2 Annex 2 Add.,

Takes note of the report of the Executive Secretary on the implementation of the programme and budget since the 26th Session of the Assembly.

**II. Ocean Observations and Services**

The Executive Council,

Having examined the report of the recent session of the Steering Committee of the Global Ocean Observing System (GOOS-SC-I),

Accepts document IOC/GOOS-SC-I/3s and the recommendations contained therein;

Having examined the report of the recent session of the WMO-IOC Joint Technical Commission for Oceanography and Marine Meteorology (JCOMM-4),

Accepts document JCOMM-IV/3s and the recommendations contained therein.

Having considered the report of the Executive Secretary on the evolution of the International Polar Decade into a concept note for an International Polar Initiative, and the proposed timeline for adoption of the Initiative,

Decides that the International Polar Initiative concept document should be considered by the Assembly at its 27th session, with a view to determining modalities and the level of IOC

participation and giving further guidance in its development in close coordination and consultation with the States Parties to the Antarctic Treaty.

### **III. Tsunami and Other Coastal Hazards Warning Systems**

The Executive Council,

Having considered the reports of the recent sessions of the Intergovernmental Coordination Groups for the Tsunami and Other Coastal Hazards Warning System for the Caribbean and Adjacent Regions (ICG/CARIBE-EWS-VII), for the Tsunami Early Warning and Mitigation System in the North Eastern Atlantic, the Mediterranean and Connected Seas (ICG/NEAMTWS-VIII), and the report of the Working Group on Tsunamis and Other Hazards Related to Sea-Level Warning and Mitigation Systems (TOWS-WG-V),

Acknowledges the Executive Summary Reports ICG/CARIBE-EWS-VII/3s and ICG/NEAMTWS-VIII/3s and the recommendations contained therein;

Decides to continue the TOWS-WG for the next intersessional period with the existing terms of reference and membership.

### **IV. Regional Subsidiary Bodies**

The Executive Council,

Having considered the reports of the recent sessions of the Sub-Commission for Africa and the Adjacent Island States (IOCAFRICA-I) and of the Sub-Commissions for the Western Pacific (WESTPAC-IX),

Accepts the Executive Summary Reports of IOCAFRICA-I/3s and WESTPAC-IX/3s and the recommendations contained therein.

### **V. Recruitment Process of the IOC Executive Secretary**

The Executive Council,

Having examined document IOC/EC-XXXIX/2 Annex 5 and the timeline of the process for the recruitment of the IOC Executive Secretary suggested in document IOC/EC-XLV/2 Annex 2,

Notes the need to review and update the post announcement for Executive Secretary of IOC in what concerns its functions and the agreed post grade of ADG, common to the United Nations system, acting at the service of the Commission;

Agrees with the suggested timeline and requests the Secretariat to include this as an agenda item for the 46th Session of the Executive Council, and prepare the necessary documents.



EC-XLV/Dec.4.1

**United Nations Conference on Sustainable Development (Rio+20)**

The Executive Council,

Having considered document IOC/INF-1292,

Takes note of the document 'The Future we want' (Rio+20 Outcome document), and sections contained therein particularly relevant to the work of the Commission;

Requests the Executive Secretary to reflect relevant Rio+20 outcomes in the preparation of the Draft IOC Medium-Term Strategy for 2014–2021;

Invites IOC Member States to support the development of a Sustainable Development Goal (SDG) on Oceans.

EC-XLV/Dec.4.2

**The Future Needs for Intergovernmental Coordination and Governance  
for Sustained Ocean Observations & Services**

The Executive Council,

Recalling Decision 4.7 of the 26<sup>th</sup> Session of the IOC Assembly,

Having examined documents IOC/EC-XLV/2 Annex 5, IOC/INF-1291, IOC Workshop Report, 250 and IOC/Future-I/3,

Takes note of their findings and recommendations as well as the extensive discussions and input provided during the Session;

Decides to establish an inter-sessional consultation of all Member States and coordinated by a Vice-Chair to identify scientific and technical issues within the IOC mission and mandate, in order to improve IOC's activities in the area of sustained ocean observations and services;

Further decides that the consultation shall be conducted by correspondence and that a report shall be submitted to the Assembly at its 27<sup>th</sup> Session through the Executive Council.

EC-XLV/Dec.4.2.1

**Centre for the Ocean Data Portal**

The Executive Council,

Recalling the importance of supporting technically IOC projects and programmes and of direct contributions by Member States to the activities of the IOC of global and regional scope,

Welcoming the offer of the Russian Federation to establish a Centre for the Ocean Data Portal at RIHMI-WDC of Roshydromet in Obninsk,

Having examined document IOC/EC-XLV/2 Annex 6 concerning the establishment of a Centre for the Ocean Data Portal by the Russian Federation,

Aware of the importance of the IODE Ocean Data Portal to facilitate the seamless access to oceanographic, marine meteorology, and other data and products,

Invites the Russian Federation to consider entering into a partnership agreement with the IOC of UNESCO concerning this Centre with a view to exchanges of information and possible joint activities related to the Ocean Data Portal at RIHMI-WDC of Roshydromet in Obninsk.

#### EC-XLV/Dec.4.3

##### **Review of the IOC Advisory Body of Experts on the Law of the Sea (IOC/ABE-LOS)**

The Executive Council,

Having examined documents IOC/EC-XLV/2 Annex 7 and IOC/INF-1293,

Mindful of IOC Resolution XIX-19,

Taking into consideration the task allotted to the Intersessional Working Group on IOC/ABE-LOS by the IOC Assembly at its 26<sup>th</sup> session for collating and analyzing the responses and on the basis of this analysis, to:

- (i) prepare a report as a review of IOC/ABE-LOS, and
- (ii) suggest a mechanism to identify and prioritize issues of high interest to the IOC and its Member States,

Noting the conclusions of the Intersessional Working Group on IOC/ABE-LOS,

Takes note of the contribution of the members of the Working Group and the Review of the IOC Advisory Body of Experts on the Law of the Sea (IOC/ABE-LOS);

Decides that IOC/ABE-LOS will continue its work focused on priorities as tasked by IOC governing bodies in line with the Terms of Reference, mobilising extra-budgetary resources when necessary.

#### EC-XLV/Dec.4.4

##### **Report of the Chair of the Advisory Group on the Ocean Sciences Section**

The Executive Council,

Having examined documents IOC/INF-1294 and IOC/INF-1295,

Noting the conclusions of the Ad hoc Advisory Group for the IOC Ocean Sciences Section,

Takes note of the contribution proposed to the preparation of the draft IOC Medium-term Strategy for 2014–2021 and the proposed prioritization of the activities of the Ocean Sciences Section around four strategic themes as developed in IOC/INF-1294.

EC-XLV/Dec.5.1

**Status of IOC Budget and Priority Funding Plan for 2012–2013**

The Executive Council,

Having examined documents IOC/EC-XLV/2 Annex 3, IOC/EC-XLV/2 Annex 8 & Corr. and IOC/IFAG-2012-1 as well as IOC/INF-1283,

Confirms that the IOC budget for 2010–2011 has been executed in accordance with the approved Programme and Budget 2010–2011;

Expresses its appreciation to the Executive Secretary for the timely information on the financial situation of UNESCO and IOC received through circular letters no. 2416 and 2426;

Expresses great concern for the impact of the financial difficulties of UNESCO on the delivery of the IOC programmes, with the reduction of the IOC budget from US\$ 10,405,400 to 7,179,700 under the provisional work plans for 2012–2013 within the 36 C/5 US\$ 465,000,000 framework;

Recognizes the efforts of the Executive Secretary to maintain programme continuity under these difficult circumstances and to contribute to implement UNESCO's 'roadmap';

Expresses its appreciation to the Director-General for the allocation of US\$ 470,000 to the IOC from the Emergency Fund to enable programme implementation at essential level;

Re-affirms the importance of the IOC as intergovernmental commission with functional autonomy within UNESCO;

Expresses its thanks to the Member States who have already contributed to the Emergency Fund and to the IOC following the cash-flow and budgetary crises of end of 2011 and of the present biennium;

Welcomes the programmatic choices of the Executive Secretary and endorses the provisional work plans for 2012–2013 presented in Annex A hereafter;

Endorses the Priority Funding Plan for 2012–2013 presented by the Executive Secretary in Annex B as an interim measure to ensure programme continuity consistent with the priorities of the Medium-term Strategy for 2008–2013 and without prejudice to the development of the Medium-term Strategy for 2014–2021;

Urges all the IOC Member States to provide voluntary contributions for the financing of the Priority Funding Plan, preferably to the IOC Special Account;

Invites the Executive Secretary to update all the Member States on the status of the programme and budget as the situation in UNESCO and IOC develops.



High-level Objectives and Actions	Approved 36 C/5 (\$653 M)	36 C/5 (\$465 M Framework)	HQ	Africa	Arab States	Asia/Pacific	Europe	LAC	Field
4b <i>Science for coastal and ocean resource management</i>	90,000								
4c <i>Decision support tools for integrated coastal and ocean management</i>	100,000	30,000	30,000						
	<b>445,900</b>	<b>125,000</b>	<b>30,000</b>	<b>40,000</b>		<b>30,000</b>		<b>25,000</b>	<b>95,000</b>
<b>General policy and coordination</b>									
<i>IOC Governing Bodies and UN consultation and coordination</i>									
- IOC Governing Bodies	505,000	110,000	110,000						
- Participation in UN consultations and coordination: Rio+20	85,000								
- Outreach	20,000								
	<b>610,000</b>	<b>110,000</b>	<b>110,000</b>						
ACTIVITIES NET	3,009,400	604,000	469,000	40,000		70,000		25,000	135,000
<b>Common projects and costs</b>	<b>430,000</b>	<b>188,132</b>	<b>188,132</b>						
<b>TOTAL ACTIVITIES (A)</b>	<b>3,439,400</b>	<b>792,132</b>	<b>657,132</b>	<b>40,000</b>		<b>70,000</b>		<b>25,000</b>	<b>135,000</b>
<b>TOTAL STAFF (B)</b>	<b>6,966,000</b>	<b>6,387,568</b>	83%	5%	0%	9%	0%	3%	17%
<b>TOTAL IOC</b>	<b>10,405,400</b>	<b>7,179,700</b>							

Annex B to Decision EC-XLV/Dec.5.1

**Priority Funding Plan for 2012–2013**

High level objective	Action	Activity	US\$
1. Prevention and reduction of the impacts of natural hazards	1a. Promote integrated and sustained monitoring and warning systems for coastal and oceanic natural hazards	Two year secondment and associated travel Geophysicist/Seismologist/ to provide technical advice with the development of the regional tsunami warning systems , assist with training activities, and serve as technical secretary for the TOWS Inter-ICG Task Team on Hazard Assessment Related to Highest Potential Tsunami Source Areas.	248,000
		ICG/CARIBE-EWS comprehensive meeting for all four standing working groups under the ICG (in-kind hosting and travel support for participants)	35,000 <i>(estimate: in-kind)</i>
		Upgrade of IOC tsunami mail server (hardware and software) (presently 16,000 subscribe to this service; server is old and can stop any time) ; update and harmonize IOC tsunami ICG web-pages and cataloging of documents across ICGs	30,000
	1b. Educate communities at risk with respect to natural-hazard impact prevention, preparedness and mitigation measures	Co-financing for awareness and education materials produced by the Tsunami Information Centre for the North-eastern Atlantic and the Mediterranean	40,000
	1c. Contribute to develop Member States' capacities for coastal hazard assessment	Host meeting of TOWS and its three task teams; including first meeting of the TOWS-WG Task Team on Hazard Assessment Related to Highest Potential Tsunami Source Areas (in-kind hosting and travel support for participants)	35,000 <i>(estimate: in-kind)</i>
		Assessment of seismic and sea level network in Southwest Pacific	20,000
2. Mitigation of the impacts and adaptation to climate change and variability	2a. Increase the understanding of the ocean's role in climate variability and climate change	Support to the activity on ocean carbon sources and sinks <sup>2</sup>	<b>180,000</b>
	2b - Ocean observations and information for climate	Reinforcement of GOOS Regional Alliances in developing country regions with support to apply the GOOS Framework for Ocean Observing at a local level through the development of projects for extrabudgetary capacity development - ocean observations informing decision-support tools	100,000
		Engaging the Convention on Biological Diversity with scientific review of adequacy of observations and development of an implementation plan and goals for GOOS	60,000
		Reinforcement of sea level observations supporting coastal hazard warning	40,000
		GOOS SC and subpanels definition of Essential Ocean Variables	95,000
	2c. Increase the understanding of the impacts of climate change and variability on marine ecosystems and their living resources	Study on effects of climate change on marine ecosystem	60,000
	2d. Climate change adaptation for Africa and SIDS	Support for the organization of a regional workshop on coastal climate change adaptation and hazards mitigation in the Caribbean	40,000
3. Safeguarding the health of ocean ecosystems	3a. Actively contribute to the Regular Process for Global Reporting and Assessment of the State of the Marine Environment, including Socioeconomic Aspects	Support for the development of marine and coastal indicators in the world's LME as part of the Transboundary Water Assessment Programme	45,000

<sup>2</sup> Currently being negotiated with the Republic of Korea (US\$ 180,000).

High level objective	Action	Activity	US\$
		Support of IOC's participation in the Regular Process (development of RP clearing house mechanism, contribution to RP regional workshops, and development of CD module on marine assessment with Ocean Teacher)	45,000
	3b. Further develop the research and monitoring required for the prevention of marine environment degradation, and the maintenance of biodiversity and the sustainable use of marine habitats	Co-financing of an international symposia and workshop to identify research needs on the relationship between climate-change and the occurrence of harmful algal events. Co-organised with SCOR (GEOHAB), ICES and PICES first quarter 2013; upgrade and further development of OceanTeacher Module for training in HAB monitoring and management	55,000
		Co-financing of the linking of OBIS with the Harmful Algal Information System to be able to merge data on HAB events, their effects, and the distribution of the causative species distribution as a tool for improved management, risk assessment and mitigation (Part of IPHAB-IODE Plan)	40,000
	3c. Identify and develop the capacity-building necessary for maintenance of healthy ocean ecosystems focusing on the regional needs	Project on Strengthening capacities for the mitigation of the impacts and adaption to climate change and variability in the Western Pacific	50,000
	3c.bis IODE/OBIS	Support the organization of a global OBIS scientific conference to promote the use of biogeographic information for climate change related research and decision-making in 2013	80,000
		Organization of a Coastal Atlas training course with a focus on small island developing states	60,000
4. Management procedures and policies leading to the sustainability of coastal and ocean environment and resources	4a. Enhance regional cooperation and involvement of the Member States through capacity-building and transfer of technology	Strengthening oceanographic capacities of Western African countries by supporting participation of scientists in oceanographic cruises <sup>3</sup>	300,000
	4b. Facilitate science related to ocean and coastal resource management	Co-financing to the GEF project on Global Foundations for reducing nutrient enrichment and oxygen depletion from land based pollution in support of global nutrient cycle (2013)	48,000
	4c. Enhance development and implementation of decision-support tools that improve integrated ocean and coastal management	Support to the organization of regional training courses on Marine Spatial Planning	60,000
Support to the finalization (editing, translation, printing) of the Coastal Hazards Mitigation Guidelines		28,000	
Policy	Rio+20	Rio+20 work plan <sup>4</sup>	<b>50,000</b>
	Rio+20 follow-up	Expanding a baseline of capacities in marine sciences, assessment and promotion of national mechanisms to coordinate marine sciences, and enhancement of existing mechanisms to facilitate the transfer of marine technology (2013–2014; year 1 is \$ 99,000)	255,000
Governing Bodies	27th session of the Assembly	Support to the organization of the 27th session of the Assembly	60,000
<b>Total</b>			<b>2,159,000</b> <i>(including 70,000 in kind of which 230,000 funded)</i>

<sup>3</sup> Proposed for the Spanish Fund-in-Trust (cooperation with Spanish Institute of Oceanography).  
<sup>4</sup> Received from India (US\$ 50,000).

EC-XLV/Dec.5.2

**Draft IOC Medium-Term Strategy for 2014–2021**

The Executive Council,

Having examined document IOC/EC-XLV/2 Annex 9,

Takes note of the initial concept of the Draft IOC Medium-Term Strategy for 2014–2021 presented at the session;

Decides to reconstitute the open ended group Intersessional Financial Advisory Group (IFAG) under the leadership of a Vice-Chair to further develop the Draft IOC Medium-Term Strategy for 2014–2021 and draft Programme Objectives and Expected Outcomes for 2014–2017, to be submitted to the Assembly at its 27th Session for approval;

Recognizes the need to take into account:

- (i) The debate at the 45<sup>th</sup> Session of the Executive Council,
- (ii) The report of the Ad hoc Advisory Group for the IOC Ocean Sciences Section,
- (iii) Inputs from IOC Subsidiary Bodies and other relevant organizations and processes, in particular the follow-up to United Nations Conference on Sustainable Development (Rio+20),
- (iv) The development of the UNESCO Medium-term Strategy for 2014–2021 (37 C/4),
- (v) The future of the IOC;

Invites the IFAG to:

- (i) Minimize the number of high-level objectives, making them more strategic, aspirational and reflective of societal concerns, such as climate change and disaster risk reduction,
- (ii) Prioritize those strategic actions that reflect IOC's unique mandate within the UN system,
- (iii) Recognize different mechanisms and partnerships for implementation for IOC.

EC-XLV/Dec.5.3

**Guidelines for Draft Resolutions**

The Executive Council,

Having examined document IOC/EC-XLV/2 Annex 10,

Decides to use the Guidelines on an experimental basis, and requests the Assembly to examine the Guidelines in annex with a view to adopt them in the Assembly at its 27<sup>th</sup> Session.



Annex to Decision EC-XLV/Dec.5.3

**Seventh Draft Revised Guidelines for the Preparation  
and Consideration of Draft Resolutions**

**Preamble**

Regulations relating to draft resolutions were not included in the IOC Statutes adopted by the Assembly in 1999 but in the IOC Rules of Procedure which were amended in 2001 to render them compatible with the new Statutes of the Commission.

The IOC Rules of Procedure refer to draft resolutions in the introduction and in Rule 42.

The current Rules of Procedure were adopted by the IOC Assembly at its 21st Session on 11 July 2001 by way of Resolution XXI-4 with the exception of the relevant procedure of adopting resolutions, for which the Assembly noted that “a further revision is under way.”

Rule 42 of the IOC Rules of Procedure contains a footnote in similar terms: “While approving the new Rules of Procedure, the 21st session of the Assembly also requested the further revision of Rule 42, process that is under way.”

Although the IOC Assembly at its 21<sup>st</sup> session provided inputs to be taken into account when considering amendments to Rule 42 of the IOC Rules of Procedure, the IOC Executive Council at its 35<sup>th</sup> session agreed to retain the wording of Article 42 as it appears in the published Rules of Procedure (IOC/INF-1166).

As a consequence, the IOC Executive Secretary recommended that the updating of the procedure for the preparation and consideration of Draft Resolutions should be done *through written guidelines*, in replacement of the guidelines contained in the IOC Manual and its updated reprint IOC/INF-734 rev.

The task of revising the initial *Guidelines for the Preparation and Consideration of Draft Resolutions* that were included in the IOC Manual of March 1989 (IOC/INF-785, section 9.1) has been a slow and arduous process since 2001.

The preparation, submission, revision and approval of Draft Resolutions are key mechanisms for smooth and efficient running of the Commission.

Since the Rules of Procedure address briefly the mechanism for the preparation and consideration of Draft resolutions, the present Guidelines have been developed on the basis of all relevant documents, including the reports of former chairs of the Resolutions Committee, and on the practice of the Resolutions Committee. This document has been prepared by an open-ended intersessional working group established by the Assembly Decision 9.3.1 at its 26<sup>th</sup> session.

**Guidelines for the Preparation  
and Consideration of Draft Resolutions**

**I. Definitions**

1. Resolution: Formal expression of a mandate or opinion or a statement of a decision to act made by a Governing Body within the scope of Article II below.
2. Draft Resolution: A proposed text of a Resolution submitted by the relevant source to a Governing Body with a view to its adoption by the Governing Body concerned during the session to which the draft resolution is presented for consideration under the adopted agenda.

3. Decision: Formal expression of a mandate or opinion or a declaration of a decision to act made by a Governing Body not covered by a Resolution. It will be placed within the body of the corresponding Governing Body's session report.

4. Recommendation: Formal expression of an opinion, advice or recommendation by an IOC Subsidiary Body to the IOC Executive Secretary and the body that created it.

## **II. Scope of a Draft Resolution**

5. Draft Resolutions should be prepared only when necessary to fulfil at least one of the following criterion:

- (i) reflect major policy, programmatic, external relations, financial and institutional decisions;
- (ii) approve or modify the Commission's programme and budget;
- (iii) take action on formal Recommendations made to the Commission by any recognized entities concerned with the oceans.

6. Respecting the division of authority and responsibility established in the UNESCO Constitution, Draft Resolutions will not deal with internal matters of the IOC Secretariat nor the mandate of the IOC Executive Secretary or the Director-General of UNESCO.

7. Draft Resolutions should be presented together with their related agenda item. Draft Resolutions should deal only with matters on the agenda of the corresponding session of the Governing Body and should accurately reflect the conclusions of the plenary discussions thereon.

## **III. Source of a Draft Resolution**

8. Draft Resolutions may be submitted by:

- (i) One or more Member States;
- (ii) the Executive Secretary at his/her own initiative.

9. The Executive Secretary will, at the closing of the relevant agenda item, identify the source(s) for submitting the Draft Resolutions as agreed by the Governing Body.

10. No governing body shall adopt a resolution involving expenditure unless it has before it a report by the chair of the Financial Committee containing an indication of the financial impact of each draft resolution.

## **IV. Submission**

11. Whenever possible, proposed text of draft resolutions should be submitted in writing to the Executive Secretary one month in advance and no later than 24 hours before the opening of the session of a Governing Body during which it will be considered for adoption.

12. The Executive Secretary shall circulate the proposed text of Draft Resolutions as soon as practicable to the IOC Member States for information before their formal review by the Resolutions Committee.

13. Upon completion of a formal review by the Resolutions Committee, formatting, editorial changes, and translation of Draft Resolutions into the working languages of the Commission

shall be completed by the IOC Secretariat and then be made available to the delegation members of the Governing Body

14. A draft resolution shall mention whether it replaces, partly or wholly, a past Resolution, stating that the latter is no longer in force.

15. If a draft resolution is made available in the working languages of the Commission to all delegations less than 24 hours prior to the opening session of a Governing Body during which it will be considered for adoption, the Governing Body can decide not to consider it. Despite this rule, the Governing Body can waive this deadline when it comes to the draft resolution on programme budget

16. During the session, amendments to draft resolutions may be submitted in writing or orally during the discussion of the relevant agenda item in plenary.

## **V. Structure**

17. A Resolution should be published as a self-standing text that contains all the annexes mentioned.

18. The wording of a Draft Resolution should meet the criterion of being *necessary and sufficient* and should avoid extraneous and duplicative material. In particular, a Draft Resolution should not replicate or duplicate a decision already in the body of the corresponding summary report.

19. Draft Resolutions should comprise an initial preambular section, which should be kept to a minimum and should address the question "Why is a Resolution needed?"

20. This should be followed by an operative section, which should define the action called for by the Resolution and how the action is to be carried out. If possible, a Draft Resolution should consist of one preambular section followed by the corresponding operative section. If more than one operative section is envisaged, the Draft Resolution should be subdivided, with each subdivision comprising one preambular section and one operative section for each action.

21. Draft Resolutions shall include a statement on the financial implications stating:

- (i) whether these refer to identified resources in the Regular Programme and Budget (C/5) with an associated work plan;
- (ii) financial implications in terms of:
  - extra-budgetary resources for which there is a formal commitment by one or more Member States or other bodies,
  - extra-budgetary contributions to be sought,
- (iii) when funds would be needed, and for what period, and
- (iv) IOC Secretariat resources over and above the allocation.

In all cases, Draft Resolutions should clearly specify the activities for which extrabudgetary resources are sought. This additional information will inform the discussion of each Draft Resolution by the Financial Committee (see para. 27 below). Once a Resolution is adopted, the financial information mentioned above is removed.

## **VI. Resolutions Committee**

22. A Resolutions Committee should be established at the beginning of each Assembly session or each Executive Council session to consider Draft Resolutions as they are presented to ensure that the text of the Resolution is clear and explicit.

23. The Chairperson of the Resolutions Committee should be agreed upon, among the present delegates, by the Governing Body at the beginning of each Governing Body session.

24. The Resolutions Committee is responsible for determining whether Draft Resolutions placed before it conforms to the scope mentioned in Article 5 to 7 above. If the Resolutions Committee considers it necessary, in terms of brevity, clarity and accuracy, to propose changes in a draft resolution, it should ensure that, these are strictly of an editorial nature so that the substance of the original draft is maintained.

25. The Resolutions Committee has no responsibility for the substance of Draft Resolutions. Should a substantive change be considered necessary for any reason, the Draft Resolution should be referred back to the IOC Executive Secretary, with an explanatory note. To facilitate any eventual redrafting of a Draft Resolution, the originator(s) or his/her/their representative can be invited to the meeting of the Resolutions Committee at which the Draft Resolution in question is discussed.

26. The Resolutions Committee should submit, via the IOC Executive Secretary, any Draft Resolution to the Financial Committee before the Draft Resolution is considered in plenary. The Financial Committee's role is to assess the financial implications, be they explicit or implicit, of Draft Resolutions and thus their practicality. In particular the assessment should clearly identify the funds that are not committed in the current approved budget.

27. The Resolutions Committee should review Draft Resolutions in English. Following Article IV, here above, official translation should be provided if the Draft Resolution is presented in another official language of the Commission. At the same time, at a later stage (after Adoption of Resolutions in plenary), the Resolutions Committee will however have the added responsibility of ensuring that all four language versions of each adopted Resolution are identical in content.

28. The Chairperson of the Resolutions Committee should submit a report to the Governing Body by the end of the session about the proposed Draft Resolutions and the work of the Resolutions Committee.

## **VII. Subsidiary Bodies**

29. In general, Subsidiary Bodies should follow similar procedures to those proposed above for the Governing Bodies when adopting Decisions and Recommendations.

30. In determining whether to formulate Decisions or Recommendations, Subsidiary Bodies should conform to the following general principles:

- (i) Decisions may be formulated if they are within the mandate of the Subsidiary Body, contain actions which involve only the Subsidiary Body and/or its members, and do not have direct implications for IOC, its agreed budget and programme, and membership as a whole;
- (ii) Any actions, within the mandate of a Subsidiary Body, which have budgetary implications for IOC beyond the agreed budget and programme, require actions by the Governing Bodies, or require specific action by an IOC Governing Body (e.g. changes to title or Terms of Reference) and/or require additional actions by the

Secretariat beyond those already mandated under the budget and programme, shall be formulated as Recommendations to an IOC Governing Body.

31. Subsidiary Bodies should review all relevant Governing Body Resolutions still in force that refer to the Subsidiary Body at the date of their session, as well as their own Recommendations, and make recommendations for action, as required/appropriate.

32. Subsidiary bodies should not adopt decisions and recommendations that are not consistent with Resolutions of the Commission in force.

### **VIII. Publication**

33. All resolutions will be published in the official languages of the Intergovernmental Oceanographic Commission.

### **IX. Coding and citation of Resolutions**

34. Assembly Resolutions – [Number of Assembly in roman numerals]-[1,2...number of the particular Resolution]; e.g., IOC Resolution **XXIII-3** (third Resolution adopted by the IOC Assembly at its 23<sup>rd</sup> Session)

35. Executive Council Resolutions – **EC**-[Number of Executive Council in roman numerals].[1,2...number of the particular Resolution]; e.g., IOC **EC-XXXIX.2** (second Resolution adopted by the IOC Executive Council at its 39<sup>th</sup> Session).

36. Primary IOC Subsidiary Body Decisions and Recommendations – [Acronym of the Subsidiary Body]-[Number of the session in roman numerals].[1,2...number of the particular Decision]; e.g., **IODE-XVIII.1** (first Decision adopted by the IOC Committee on International Oceanographic Data and Information Exchange (IODE) at its 18<sup>th</sup> Session).

## APPENDIX I

### **PROPOSED STANDARDIZED PRESENTATION OF DRAFT RESOLUTIONS**

A draft resolution is composed of:

**The “author”:** The Intergovernmental Oceanographic Commission is the “author” of an Assembly Resolution. Otherwise the “author” of Resolutions is the body that adopt the resolutions; e.g. “The Executive Council”.

**A preambular part** (paragraphs start with a verb in gerund marked in bold face and end with a comma): The preambular part states the problem and briefly identifies the appropriate texts of reference (reports, past decisions/resolutions, etc.) and facts and events. While the following customary preambular terms may be used, it may be helpful to group more than one consideration under one such term (i), (ii) etc. If a report from a Subsidiary Body will require action from the Commission in the active part, it should first be acknowledged in the preambular part (for e.g. Having considered Report...).

Preambular terms: **Having considered, Acknowledging, Appreciating, Welcoming, Noting, Taking note of, Bearing in mind, Aware of, etc.**

**An active part** (paragraphs starts with an operative verb marked in bold face and end with a semi-colon). The **active** part of the Draft Resolution states precisely what the body in session resolved to do. Every effort should be made to define who or which entity will carry out the

action called for. While the following customary preambular terms may be used, it may be helpful to group more than one consideration under one such term (i), (ii) etc.

Active terms: **Decides; Resolves; Accepts; Endorses; Adopts; Authorizes; Congratulates; Thanks; Supports; Urges; Requests; Invites; Encourages; Calls upon, etc.**

**DRAFT RESOLUTION** (Acronym-number of the session/**DR.**(number of agenda item)

Submitted by: (See section III of the guidelines)

**[TITLE]**

The Intergovernmental Oceanographic Commission/The Executive Council,

**Having considered**, (*comma*)

**Acknowledging**,

**Appreciating, Welcoming, Noting, Taking note of, Bearing in mind**, reports, past resolutions or any other documents...,

**Emphasizing**,

**Reiterating**,

**Reaffirming, Recalling, Recognizing, Considering**,... facts, subject,

**Accepts** Subsidiary Report xx and **decides to take action** on Recommendation ... of a Subsidiary Body as follows:

- (i) Recommendation XX-1
- (ii) Recommendation XX-2;

**Requests**<sup>5</sup>, **Authorizes** the IOC Executive Secretary to.....; (*semicolon*)

**Urges, Encourages, Calls upon** relevant governmental authorities in IOC Member States.....

**Invites** the Director-General of UNESCO...;

-----

Financial implications:

EC-XLV/Dec.5.4

**IOC Manual**

The Executive Council,

Recalling Decision 9.3.2 of the 26<sup>th</sup> session of the IOC Assembly,

Having examined document IOC/EC-XLV/2 Annex 11,

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<sup>5</sup> The word "Instruct" and similar expressions will be avoided.

Takes note of its content;

Requests the Executive Secretary to pursue further intersessionally the proposed revision of the guidelines for the establishment of decentralised offices and partnerships centres (IOC/INF-1193), taking into account the comments made at the 45th Session of the Executive Council and in consultation with Officers and Member States as appropriate, and to present the results at the 27th Session of the Assembly.

#### EC-XLV/Dec.5.5

### **Preparation of the 27th Session of the Assembly**

The Executive Council,

Taking note of Decision 9.4 of the 26th Session of the Assembly (Paris, 21 June–5 July 2011) to hold its 27th Session from 26 June to 9 July 2013, at UNESCO Headquarters in Paris, France,

Having considered the current financial challenges experienced by UNESCO and IOC and the need to achieve cost-effectiveness and efficiency in the organization of the meetings of the Governing Bodies,

Notes that the present financial situation only allows a reduced duration of the 27th Session starting on the 25<sup>th</sup> of June with the Executive Council at its 16th Session acting, pursuant to Rule of Procedure 19.2, as the Steering Committee of the Assembly and meeting on 24<sup>th</sup> of June;

Requests the Executive Secretary and the Officers:

- (i) to urgently explore with Member States and the Director-General possibilities for additional funding that would enable the holding of a session with a duration commensurate to the needs of the items on the agenda,
- (ii) to prepare the provisional agenda and timetable of the Assembly and to circulate them not less than five months in advance of the date of opening of the Assembly, pursuant to Rules of Procedure 7 and 8.4.

#### EC-XLV/Dec.5.6

### **Preparation of the 47th Session of the Executive Council**

The Executive Council,

Having considered EC-XLV, Decision 5.5,

Recommends to the Assembly to re-examine the dates of the 47th Session of the Executive Council, provisionally scheduled to start on Tuesday 24 June 2014, at UNESCO Headquarters in Paris, France.

PART II

PROCEDURAL REPORT

1. OPENING

1 The Chair, Mr Sang-Kyung Byun, opened the 45th Session of the IOC Executive Council at 10:00 on Tuesday 26 June 2012. He announced three new IOC Member States since the last Assembly: Saint Kitts and Nevis; Montenegro, Honduras and Kiribati.

2 The Chair asked participants to stand for a minute of silence to honour distinguished individuals who had participated in the work of the Commission and had passed away during the past year: Dr Ariel González (Argentina), Prof. Dr Mikhail Ivanov (Russian Federation), Dr. Alejandro Rodríguez (Nicaragua), Prof. Makoto Terazaki (Japan), Prof. Masaki Kawabe (Japan), and Dr Jacob Van der Land (the Netherlands).

2. ORGANIZATION OF THE SESSION

2.1 ADOPTION OF THE AGENDA

3 The Chair informed the Executive Council of a change to the Provisional Agenda proposed by the Officers of the Commission at their meeting on Sunday 24 June 2012. The title of agenda item 4.2 was changed from “The Future Needs for Intergovernmental Coordination and Governance for Sustained Observation and Services” to “The Future Needs for Intergovernmental Coordination and Governance for Sustained Observation and Services and the Future of the Commission.” The agenda was adopted as amended. ([Decision EC-XLV/Dec.2.1](#))

2.2 DESIGNATION OF THE RAPPORTEUR

4 The Chair invited the Executive Council to designate a Rapporteur to assist in the preparation of the Draft Summary Report for the present session.

5 Following consultations with Member States the chair proposed that Vice-Chair Frederico A. Saraiva Nogueira (Brazil) serve as Session Rapporteur, which was approved by the Council. ([Decision EC-XLV/Dec.2.2](#))

2.3 ESTABLISHMENT OF INTRASESSIONAL COMMITTEES

6 The Chair invited the Executive Council to form two statutory sessional committees: the Resolutions Committee and the Financial Committee and invited proposals for sessional working groups.

7 **The Executive Council did not establish** the Resolutions Committee, as no Draft Resolutions were received at the secretariat by the given deadline.

8 **The Executive Council established** the Financial Committee under the chairship of IOC Vice-Chairperson Dr Peter Haugan (Norway). The Secretariat staff members responsible for supporting the work of the Financial Committee were Stefano Belfiore and Xenia Yvinec. Two agenda items were referred to the Financial Committee: 5.1, Funding Plan for 2012–2013, and 5.2, Draft IOC Medium-term Strategy for 2014–2021.

9 In addition to the establishment of the regulatory sessional committees, **the Executive Council established** a Working Group on Operational Oceanography (item 4.2 of the agenda). ([Decision EC-XLV/Dec.2.3](#))

10 **The Executive Council agreed** that this Committee would work in English.



## 2.4 INTRODUCTION OF TIMETABLE AND DOCUMENTATION

11 The Chair invited the Executive Council to adopt the Provisional Timetable (document IOC/EC-XLV/1 Add. Prov.) taking into account: (i) any Executive Council decision to constitute sessional committees and working groups; (ii) the time likely to be required by those groups to report, if requested to do so, to the plenary; (iii) the timely preparation of the Draft Summary Report and Resolutions in all the Commission's working languages; and (iv) the need to benefit from the interpretation service available.

12 The Chair stressed the fact that the Commission was also striving to streamline the reporting of the session as presented in information document IOC/EC-XLV/Inf.1.

13 The Chair informed the Executive Council that those Member States wishing to submit formal statements to be included in the Informational Annex of Individual Member State Interventions to the Summary Report should e-mail them to: [IOC\\_interventions@unesco.org](mailto:IOC_interventions@unesco.org).

14 **The Executive Council adopted [Decision EC-XLV/Dec.2.4](#).**

## 3. STATUTORY REPORTS

### 3.1 REPORT BY THE CHAIR ON THE STATE OF THE COMMISSION

15 The Chair, Mr Sang-Kyung Byun, reported on his and the other Officers' activities since the 26th Session of the IOC Assembly (IOC/EC-XLV/2 Annex 1) pursuant to Rule of Procedure 51.2.

16 The following Member States chose to provide records of their plenary intervention on this agenda item for the Informational Annex to the meeting report: [India](#), [Malaysia](#) and [Republic of Korea](#).

17 **The Executive Council adopted [Decision EC-XLV/Dec.3.1](#).**

### 3.2 REPORT BY THE EXECUTIVE SECRETARY

18 Pursuant to Rule of Procedure 49.1, the Executive Secretary reported on programme implementation, including Subsidiary Bodies, since the 26<sup>th</sup> Session of the Assembly and provided an update on the financial situation of UNESCO and IOC.

19 She reported on the execution of the budget for 2011–2012.

20 Considering that the appointment of the Executive Secretary will end in November 2013, she proposed a timeline for the recruitment process for the next Executive Secretary.

21 Based on a decision of ICG/CARIBE-EWS-VII, the Executive Council was invited to extend the area of responsibility of the Tsunami and other Coastal Hazards Warning System for the Caribbean and Adjacent Regions (CARIBE-EWS) to the West Atlantic including Greenland, Brazil, Uruguay and Argentina.

22 The Chair presented to **the Executive Council** Decisions 3.2.I, 3.2.II, 3.2.III, 3.2.IV and 3.2.V related to the Report by the Executive Secretary, and invited the Executive Council to discuss adoption of the Decisions.

23 **The Executive Council approved [Decision EC-XLV/Dec.3.2](#) (I to V).**

24 The following Member States chose to provide records of their plenary intervention on this agenda item for the Informational Annex to the meeting report: [Argentina](#), [Canada](#), [India](#),

Iran (Islamic Republic of), Japan, Portugal, Republic of Korea, Turkey and United States of America.

#### 4. GENERAL POLICY

##### 4.1 FOLLOW-UP TO RIO+20

25 The Executive Secretary reported on the IOC Contribution to the Rio+20 Process and United Nations Conference on Sustainable Development (Rio de Janeiro, Brazil, 20–22 June 2012).

26 **The Executive Council adopted [Decision EC-XLV/Dec.4.1](#).**

27 The following Member States chose to provide records of their plenary intervention on this agenda item for the Informational Annex to the meeting report: [Brazil](#) and [Republic of Korea](#).

##### 4.2 THE FUTURE NEEDS FOR INTERGOVERNMENTAL COORDINATION AND GOVERNANCE FOR SUSTAINED OCEAN OBSERVATIONS & SERVICES AND THE FUTURE OF THE COMMISSION

28 The Chair presented the technical report on the scoping of operational oceanography [IOC XXVI, Decision 4.7] and deliberations of the ex-Chairs workshop on the Future of IOC and Operational Oceanography (Varna, Bulgaria, 19 March 2012). A proposal was tabled to evaluate the possibility of developing a legal instrument, possibly an oceanographic data convention, to strengthen and define IOC's role in UNESCO regarding coordinating the needs of global operational oceanography (sustained observations and operational services).

29 **The Executive Council adopted [Decision EC-XLV/Dec.4.2](#).**

30 The following Member States chose to provide records of their plenary intervention on this agenda item for the Informational Annex to the meeting report: [Argentina](#), [Bulgaria](#), [Canada](#), [India](#), [Japan](#), [Malaysia](#), [Republic of Korea](#) and [South Africa](#).

##### 4.2.1 IOC SUPPORT CENTRE FOR THE OCEAN DATA PORTAL

31 The Co-chair of IODE, Mr Ariel Troisi, informed the Executive Council of the offer of the National Oceanographic Committee of the Russian Federation to establish a facility in Obninsk to support the IODE Ocean Data Portal development.

32 In relation to Decision 5.4 on the IOC Manual, the Executive Council was invited to acknowledge the offer of the Russian Federation.

33 **The Executive Council adopted [Decision EC-XLV/Dec.4.2.1](#).**

34 The following Member States chose to provide records of their plenary intervention on this agenda item for the Informational Annex to the meeting report: [India](#), [Malaysia](#) and [Republic of Korea](#).

##### 4.3 REVIEW OF IOC/ABE-LOS

35 The Vice-Chair for Regions and the Law of the Sea, Prof. Adoté Blim Blivi, presented the IOC/ABE-LOS Review and the Analysis of the Questionnaire on the IOC Advisory Body of Experts on Law of the Sea [IOC XXVI, Decision 4.8 and Resolution XXVI-4].

36 **The Executive Council adopted [Decision EC-XLV/Dec.4.3](#).**

37 The following Member States chose to provide records of their plenary intervention on this agenda item for the Informational Annex to the meeting report: [Japan](#) and [Republic of Korea](#).

#### 4.4 REPORT OF THE CHAIR OF THE AD HOC ADVISORY GROUP FOR THE OCEAN SCIENCES SECTION

38 The Vice-Chair for Ocean Sciences, Dr Atanas Palazov, reported on the conclusions of the Ad hoc Advisory Group for the IOC Ocean Sciences Section and its contribution to the Draft IOC Medium-Term Strategy for 2013–2021 [IOC XXVI, Decision 8.1].

39 On this occasion, the Vice-Chair for Ocean Sciences provided an update on the practical plan of action describing IOC/ICAM regional and global implementation, prepared as an information document based on the inputs received by IOC Regional Subsidiary Bodies [IOC XXVI, Decision 8.2].

40 **The Executive Council adopted [Decision EC-XLV/Dec.4.4](#).**

41 The following Member States chose to provide records of their plenary intervention on this agenda item for the Informational Annex to the meeting report: [Canada](#), [India](#), [Japan](#), [Thailand](#), [United Kingdom](#) and [United States of America](#).

### 5. ADMINISTRATION AND MANAGEMENT

#### 5.1 INTRODUCTION TO THE FUNDING PLAN FOR 2012–2013

42 The Executive Secretary and the Vice-Chair for Programme and Budget, Prof. Peter Haugan, on behalf of the Intersessional Financial Advisory Group presented a report on status of IOC budget and a priority funding plan for 2012–2013.

43 **The Executive Council adopted [Decision EC-XLV/Dec.5.1](#).**

44 The following Member States chose to provide records of their plenary intervention on this agenda item for the Informational Annex to the meeting report: [Republic of Korea](#) and [United Kingdom](#).

#### 5.2 INTRODUCTION TO THE DRAFT IOC MEDIUM-TERM STRATEGY FOR 2014–2021

45 The Executive Secretary and the Vice-Chair for Programme and Budget, Prof. Peter Haugan, on behalf of the Ad hoc open-ended working group to develop a draft of the Medium-term Strategy for 2014–2021, presented an initial concept of the Draft IOC Medium-Term Strategy for 2013–2021 [IOC XXVI, Decision 4.7].

46 **The Executive Council adopted [Decision EC-XLV/Dec.5.2](#).**

47 The following Member States chose to provide records of their plenary intervention on this agenda item for the Informational Annex to the meeting report: [Iran \(Islamic Republic of\)](#) and [Japan](#).

#### 5.3 INTRODUCTION TO THE GUIDELINES FOR DRAFT RESOLUTIONS

48 The Vice-Chair for Programme and Budget and Chair of the Intersessional Open-ended Working Group for the revision of the guidelines for the preparation and consideration of draft resolutions, Prof. Peter Haugan, reported on the conclusions of the Working Group. No country submitted statements.

49           **The Executive Council adopted [Decision EC-XLV/Dec.5.3](#).**

5.4    IOC MANUAL

50           The Executive Secretary proposed an addition to document IOC/INF-1193 (2005), Guidelines for the Establishment of Decentralized Offices, with the introduction of a new sub-section 2.4 for the category of 'Partnership Centre', as a direct contribution by Member States to activities of the Commission, as well as with an amendment to section 2.1.7 on 'IOC Project Offices'. The document will be renamed Guidelines for the Establishment of Decentralized Offices and Partnership Centres [IOC XXVI, Decision 9.3.2]. No country submitted statements.

51           **The Executive Council adopted [Decision EC-XLV/Dec.5.4](#).**

52           The following Member States chose to provide records of their plenary intervention on this agenda item for the Informational Annex to the meeting report: [India](#), [Republic of Korea](#) and [Thailand](#).

5.5    PREPARATION OF THE TWENTY-SEVENTH SESSION OF THE ASSEMBLY

53           **The Executive Council adopted [Decision EC-XLV/Dec.5.5](#).**

5.6    PREPARATION OF THE NEXT SESSIONS OF THE EXECUTIVE COUNCIL

54           **The Executive Council adopted [Decision EC-XLV/Dec.5.6](#).**

**6.    ADOPTION OF THE SUMMARY REPORT**

55           The Chair took the decision to defer adoption of the draft Summary Report to be completed by correspondence. The Executive Secretary was instructed to distribute the draft report to Heads of Delegations of the IOC Executive Council. No decision was adopted on the proposed format of this summary report.

**7.    CLOSURE**

56           Director-General, Ms Irina Bokova, was invited by the chair to deliver a closing speech. The Director-General reiterated her strong interest in the IOC and emphasized that the IOC programmes are important to all UNESCO goals.

57           The Chair thanked Director-General, and acknowledged her call for action to the Member States in this difficult time for UNESCO and the IOC.

58           The Executive Secretary thanked the Executive Council for its active debate. She thanked the Rapporteur for his kind words and the Officers and staff for their hard work.

59           The Chair stressed the importance of giving priority to science over the legal and political aspects of the work of the Commission. He welcomed UNESCO's strong support for the Commission and thanked the Executive Secretary and the Secretariat, particularly Stephano Belfiore and Patrice Boned, for their hard work.

60           The Chair declared the 45<sup>th</sup> Session of the Executive Council closed at 18:25 on 28 June 2012.



ANNEX I

**AGENDA**

- 1. OPENING**
- 2. ORGANIZATION OF THE SESSION**
  - 2.1 ADOPTION OF THE AGENDA
  - 2.2 DESIGNATION OF THE RAPPORTEUR
  - 2.3 ESTABLISHMENT OF SESSIONAL COMMITTEES
  - 2.4 INTRODUCTION OF TIMETABLE AND DOCUMENTATION
- 3. STATUTORY REPORTS**
  - 3.1 STATEMENT OF THE CHAIR ON THE STATE OF THE COMMISSION  
[Rule of Procedure 21.2c]
  - 3.2 REPORT OF THE EXECUTIVE SECRETARY ON PROGRAMME  
IMPLEMENTATION & REPORT ON THE BUDGETARY SITUATION  
[Rule of Procedure 49.1]
- 4. GENERAL POLICY**
  - 4.1 FOLLOW-UP TO RIO+20  
[IOC-XXVI/3, Decision 4.7]
  - 4.2 THE FUTURE NEEDS FOR INTERGOVERNMENTAL COORDINATION AND  
GOVERNANCE FOR SUSTAINED OCEAN OBSERVATIONS AND SERVICES  
AND THE FUTURE OF THE COMMISSION  
[IOC-XXVI/3, Decision 4.7]
    - 4.2.1 IOC SUPPORT CENTRE FOR OCEAN DATA PORTAL  
[Rule of Procedure 21.2d]
  - 4.3 REVIEW OF IOC/ABE-LOS  
[IOC-XXVI/3, Decision 4.8]
  - 4.4 REPORT OF THE CHAIR OF THE ADVISORY GROUP  
ON OCEAN SCIENCES  
[IOC-XXVI/3, Decision 8.1]
- 5. ADMINISTRATION AND MANAGEMENT**
  - 5.1 FUNDING PLAN FOR 2012–2013  
[IOC-XXVI/3, paragraph 263]
  - 5.2 DRAFT IOC MEDIUM-TERM STRATEGY FOR 2014–2021  
[IOC-XXVI/3, Decision 4.7 and Resolution XXVI-11]
  - 5.3 GUIDELINES FOR DRAFT RESOLUTIONS  
[IOC-XXVI/3, Decision 9.3.1]
  - 5.4 IOC MANUAL  
[IOC-XXVI/3, Decision 9.3.1]
  - 5.5 PREPARATION OF THE TWENTY-SEVENTH SESSION OF THE ASSEMBLY  
[Statutes Art. 7.C.8; Rule of Procedure 8.3 & 21.2(c)]

5.6 PREPARATION OF THE NEXT SESSIONS  
OF THE EXECUTIVE COUNCIL  
[Rule of Procedure 19.2]

**6. REPORT**

**7. CLOSURE**

## ANNEX II

### **REPORT OF THE CHAIR OF THE SESSIONAL FINANCIAL COMMITTEE**

Peter Haugan (IOC Vice-Chair, Norway)

The Financial Committee held three meetings during the 45<sup>th</sup> Session of the IOC Executive Council. The Chair of the sessional Financial Committee, Dr Peter M. Haugan, IOC Vice-Chair in charge of financial matters and Chair of the Intersessional Financial Advisory Group (IFAG), reported on the work of the sessional Financial Committee. The committee dealt with two issues based upon the outcome of the work previously mandated to the IFAG.

#### **Status of IOC Budget and Priority Funding Plan for 2012–2013**

The Committee examined documents IOC/EC-XLV/2 Annex 3, IOC/EC-XLV/2 Annex 8 and IOC/IFAG-2012-1 as well as IOC/INF-1283, and concluded that the budget and priority funding plan was developed and implemented consistently with the Governing Body recommendations. The committee elaborated the decision for the agenda item 5.1.

#### **Draft IOC Medium-Term Strategy for 2014–2021**

The committee examined IOC/EC-XLV/2 Annex 9. The committee elaborated the decision for the agenda item 5.2.



ANNEX III

**ADDRESSES AND STATEMENTS**

**Ms Irina Bokova, Director-General  
of the United Nations Educational, Scientific and Cultural Organization (UNESCO)  
On the occasion of the closure of the Forty-fifth Session of the IOC Executive Council**

28 June 2012

Mr. Sang-Kyung Byun, Chair of the Intergovernmental Oceanographic Commission,  
Officers of the Intergovernmental Oceanographic Commission,  
Excellencies,  
Ladies and Gentlemen,

It is a great pleasure to be here to close the 45<sup>th</sup> session of the Executive Council of the *Intergovernmental Oceanographic Commission*. It is not the first time that I am saying this, that the *IOC* is a UNESCO flagship.

The future of earth depends on the ocean – as the source of life, as the prime regulator of climate, as a key provider of economic and social services.

This is a core message to be taken away from the United Nations Conference on Sustainable Development – Rio+20 – about which I will speak more below.

The Intergovernmental Oceanographic Commission is a small structure with a global mandate.

This is why I am so pleased this session has been organised despite our current difficulties and thanks to the cooperation between Member States and the Secretariat, in full respect of the Rules of Procedure and with some innovation in practice.

I see this as a model of flexibility in pursuing our vital mandate.

Much has changed since the 26<sup>th</sup> session of the Assembly last year.

Four new States have joined the Commission — Honduras, Kiribati, Montenegro, and Saint Kitts and Nevis.

This brings membership to 144 States and is a powerful sign of both vitality and trust.

Last October, I was honoured to launch the operational phase of an Indian Ocean regional tsunami advisory service, provided by Australia, India and Indonesia, and I visited the centre during my official visit in Indonesia.

This marked the culmination of six years of work and the start of a new era of cooperation in the Indian Ocean.

This year, in the North-Eastern Atlantic and Mediterranean, two Tsunami Watch Providers will start issuing national tsunami advisories, available to all members from the region. A full scale exercise -- NEAMWave12 -- will take place in the autumn to test the system's readiness.

In May, the IOC Sub-Commission for Africa and the Adjacent Island States (IOCAFRICA) held its first session in Nairobi.

Twenty two Member States and relevant international organizations and programmes came together to develop a strategy and a work plan for the biennium.

This is a powerful contribution to UNESCO's Global Priority Africa.

I am pleased to see the increasing activities of the IOC Sub-Commission for the Western Pacific (WESTPAC), whose 9<sup>th</sup> session met in Busan in the Republic of Korea.

A number of countries have offered to host Regional Training and Research Centres to advance marine sciences – these may, indeed, merit eventual consideration as UNESCO Category II Centres.

Yeosu Expo 2012 is successfully underway.

Hosted by the Republic of Korea, as you know, the theme is “The Living Ocean and Coasts,” with the Intergovernmental Oceanographic Commission playing a very prominent role.

This expo opened with an exhibition by UNESCO, “One planet, One ocean”, which attracted over 4000 visitors in one week end! Further details of this highly successful event are available for you to browse on our website.

In Yeosu, the IOC co-convened the 2<sup>nd</sup> International Symposium on the Effects of Climate Change in the World's Ocean, together with regional organizations in marine sciences.

Also in Yeosu, the 4<sup>th</sup> Session of the WMO-IOC Technical Commission on Oceanography and Marine Meteorology in May advanced work with our partners, the World Meteorological Organization and meteorological and oceanographic institutions around the world, to improve ocean observations and marine services – and, not least, also elected a woman co-chair for oceanography.

As we balance marine meteorology and oceanography, it is also good, indeed, to balance gender!

JCOMM-4 was also entirely funded by the generous support of the Republic of Korea, including costs normally that would have been the responsibility of IOC/UNESCO under our agreement with WMO. We are grateful to the Republic of Korea.

This is an excellent example of a Member State standing up and contributing to the collective work of the Commission and of UNESCO.

I hope that other Member States are able to follow this example. Not all are in a position to do so of course, but I have been heartened by the number and breadth of Member States that have expressed their support for UNESCO.

Mesdames et Messieurs,

Je voudrais maintenant si vous le permettez revenir un instant sur la Conférence des Nations Unies sur le développement durable, d'où je viens de rentrer.

L'océan y a occupé une place de tout premier plan – à la fois lors de nombreuses manifestations parallèles et dans le document final, où un chapitre entier y est consacré.

La COI était au centre des regards : coprésidant la Journée internationale de l'océan, présidant notre propre manifestation sur l'océan, et en organisant, juste avant la Conférence, une séance très bien accueillie consacrée à l'océan dans le cadre du forum UNESCO-CIUS sur la science, la technologie et l'innovation.

La nécessité de protéger l'océan, et l'importance de la coopération internationale dans le domaine, ressortent comme les messages les plus forts de cette conférence.

Le paragraphe 158 du document final stipule : « Nous sommes conscients que les océans, les mers et les zones littorales font partie intégrante et essentielle de l'écosystème de la Terre et sont indispensables à sa survie ».

Il met également en exergue le transfert de technologie selon les Critères et principes directeurs de la COI concernant le transfert de techniques marines.

Le plaidoyer de l'UNESCO a été entendu, sur les sujets de l'acidification des océans, l'importance de l'observation océanique, le renforcement des capacités des États membres.

Notre Plan pour la durabilité de l'océan et des zones côtières – aura été notre principal outil pour faire passer ces idées. Elles ont fait leur chemin jusque dans le document final.

Dans le cadre d'une collaboration avec le Secrétaire général de l'Organisation des Nations Unies et d'autres partenaires du système, nous travaillons maintenant à l'élaboration d'un pacte des océans (Oceans Compact).

Ce travail va mobiliser le système des Nations Unies, les gouvernements, les organisations intergouvernementales et non gouvernementales, les scientifiques, le secteur privé et l'industrie, l'objectif étant de protéger et de rétablir la santé et la productivité des océans.

Cette démarche s'appuiera sur la Commission océanographique intergouvernementale dont le rôle reste sans équivalent.

J'ai la conviction que ce domaine de compétence essentiel doit être approfondi dans l'intérêt des États membres, en particulier des pays les moins avancés et des petits États insulaires en développement.

Rio + 20 n'a jamais été conçu comme le sommet où seraient clarifiées et réglées toutes les questions liées au développement durable.

C'est plutôt le début d'un processus et sur la question des océans, il représente une avancée indéniable. C'est un socle à partir duquel nous devons maintenant construire.

Mesdames et Messieurs,

Depuis trois jours, vous avez discuté de sujets d'un intérêt vital pour l'avenir de la Commission océanographique intergouvernementale.

Vous avez pris des décisions essentielles.

Vous avez adopté un plan de financement prioritaire. Il est maintenant vital de le mettre en œuvre, pour permettre à la COI d'exécuter pleinement le programme adopté l'an dernier.

L'enjeu revêt d'autant plus d'importance aujourd'hui, alors que l'UNESCO doit définir ce que sera sa prochaine Stratégie à moyen terme.

La Commission océanographique intergouvernementale doit occuper une place centrale dans le prochain C/4.

La COI a bénéficié du Fonds d'urgence de l'UNESCO, et j'envisage de lui apporter des ressources supplémentaires afin de renforcer ses programmes essentiels.

Nous savons tous ici qu'il n'existe pas de solution nationale satisfaisante aux difficultés que nous rencontrons. L'avenir tient en deux mots : coopération multilatérale.

S'il existe un bien commun mondial par excellence, c'est l'océan.

Toutes les sociétés, tous les pays, côtiers ou enclavés, ont intérêt à ce que l'océan soit sain et productif.

L'océan prend soin de nous. Il est grand temps de prendre soin de lui.

Je vous remercie.

## ANNEX IV

### INFORMATIONAL ANNEX

Record of Member States' interventions at the 45<sup>th</sup> Session of the IOC Executive Council that were provided to the IOC Secretariat by the respective Member States. Interventions are reprinted without review or verification.

#### 3.1 Report by the Chair on the State of the Commission

##### India

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We just want to bring to your notice an important event that you had missed in your report. On 12 October 2011, IOWave11 was conducted involving all member countries on the Indian Ocean rim under the supervision of IOTWS/ICG. Mr. Chairman, following this event the DG of UNESCO, Madam Bokova officially designated the tsunami warning centers in Australia, India and Indonesia as the Regional Tsunami Service Providers (RTSP) for the Indian Ocean Region.

##### Malaysia

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The Malaysian delegation wishes to repond to your Report on the Status of Marine Renewable Energy Technology workshop which was held in Melaka, Malaysia from 16-18th February 2012.

We would like to take this opportunity to express our appreciation for the opportunity to organise the event and for the support provided by IOC/UNESCO, particularly from the IOC/WESPAC office and the Republic of Korea. We also wish to express our special thanks to the invited country-experts from 11 countries namely, Malaysia, Republic of Korea, Republic of Indonesia, New Zealand, Australia, Japan, People's Republic of China, Fiji, Vietnam, Philippines and Denmark.

Since this is a new initiative for oceans science in the context of sustainable development, we addressed the energy needs, the potential of renewable resources that can be tapped from the sea namely from, waves, tides, current and ocean thermal energy particularly that has benefits to the coastal communities.

As the outcome of the workshop, a working group is proposed and this was reported in the 9th Intersessional Meeting of Sub-Commission of IOC-UNESCO in the Western Pacific in May, Busan, Republic of Korea. Publication of the Status of Marine Renewable Energy in Westpac region was also proposed.

With regards to the establishment of the Working Group, we invite IOC member countries to participate and recommend experts towards the preparation of collaborative programs with WESPAC countries.

##### Republic of Korea

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Republic of Korea would like to take this opportunity to express our appreciation on your strong leadership to engage member states into closer collaboration by establishing network among the member countries.

As mentioned in the Chair's report, the forum on the operational oceanography of IOC for Eastern European Countries would be one of good initiation on these efforts. The forum was held in Varna, Bulgaria last March with the participation of 11 member states of Group 2 with financial support from Republic of Korea. We think the forum provided a platform not only to exchange the information but also to find the solution on the current status of ocean observation system. Furthermore, the forum was a good opportunity to provide regional cooperative network among participating countries.

The Republic of Korea will continuously support the IOC chair's initiation to establish network for other regional group within IOC framework by providing financial support. We believe that this initiative will contribute to enhance IOC's role in world society by promotion of IOC regional activities. We will consult continuously with IOC Secretariat with respect to its optimal implementation.

### **3.2 Report of the Executive Secretary on Programme Implementation & Report on the Budgetary Situation**

#### **Argentina**

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En lo relativo a los Grupos de Coordinación sobre Sistemas de Alerta Temprana, la Argentina encuentra de gran valor la importante tarea que se viene llevando a cabo y, en particular, la del Grupo Intergubernamental de Coordinación del Sistema de Alerta contra los Tsunamis y otras Amenazas Costeras en el Caribe y Regiones Adyacentes (ICG/CARIBE-EWS) por su dinamismo.

Habiendo dicho esto, es preciso también mencionar que con sorpresa vemos que en la propuesta de Decisión 3.2 se incluye la ampliación del área de responsabilidad del Grupo Intergubernamental de Coordinación del Sistema de Alerta contra los Tsunamis y otras Amenazas Costeras en el Caribe y Regiones Adyacentes (ICG/CARIBE-EWS) para todas las costas del "Atlántico Occidental", que no están actualmente cubiertas por el Grupo o por un centro de alerta.

Desafortunadamente, la Argentina no ha sido consultada sobre el particular ni ha participado de la reciente reunión del Grupo en Curacao, donde se originó la propuesta de ampliación del área. La falta de información sobre los fundamentos que motivaron el proyecto de decisión impulsado hace que el mismo resulte prematuro y estamos convencidos que debe encararse un estudio respecto de la necesidad, viabilidad y de modalidades de una iniciativa de este tipo para áreas más allá del Caribe y el Atlántico Noroccidental. Nuestros científicos opinan que el Atlántico Sudoccidental es geológicamente estable, no registra ocurrencias de tsunamis, ni sufre los efectos de huracanes.

Debe evaluarse, a su vez, en términos de participación por parte de cada uno de los Estados involucrados y los costos financieros asociados. En ausencia de esta información básica, mi país no se encuentra en condiciones de acompañar el pedido de ampliación, por lo menos en lo que respecta al Atlántico Sur y solicitamos que el Consejo Ejecutivo de la COI retome la consideración de esta iniciativa específica solo una vez que el referido estudio de factibilidad haya sido completado.

Por otro lado, la competencia para realizar un estudio sobre la necesidad, viabilidad y modalidad de integrar un grupo de coordinación del sistema de alerta de Tsunamis es potestad de cada Estado Parte de la Convención. En este sentido, consideramos que las consultas deberán continuar entre las Partes estrictamente involucradas y, en nuestro caso particular, tenemos una alianza regional sobre oceanografía con Brasil y Uruguay, OCEATLAN, que es el ámbito de tratamiento del tema de referencia.

Respecto a la "Iniciativa Polar Internacional" (IPI) con comienzo previsto para 2015, la Secretaria Ejecutiva expresa que una vez que el "Concept Note" sobre dicha Iniciativa tenga un mayor grado de desarrollo se prevé que se hagan consultas a los Estados. Luego agrega "The IOC Assembly in 2013 may be asked formally for input on the developing IPI."

Tal como esta Delegación expresara durante la pasada Asamblea, estos procesos de decisión de IPI deben incluir la estrecha coordinación y consulta con las Partes Consultivas del Tratado Antártico y solicitamos que esto conste expresamente en el Informe Final de este CE.

Adicionalmente, la participación de la COI en tal Iniciativa debe ser objeto de consideración de sus Estados Miembros, con el tiempo de antelación suficiente para que las áreas competentes realicen un análisis adecuado, ya que no es una facultad de la Secretaría decidir por sí misma si lo presentará o no a la próxima Asamblea en 2013.

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Señor presidente, nuestra propuesta es eliminar los párrafos 3 y 4 del proyecto de decisión EC-XLV/Dec.3.2(III) modificado y vamos a explicar por qué.

La competencia para realizar un estudio sobre la necesidad, viabilidad y modalidad de integrar un grupo de coordinación del sistema de alerta de Tsunamis es potestad de cada Estado Parte de la Convención.

La Argentina objeta el procedimiento adoptado por no haber sido consultada sobre el tenor de la iniciativa, la cual fue adoptada en una reunión en Curacao a la que no fuimos invitados.

Hemos dado a conocer esta iniciativa a nuestro gobierno; así como a otro gobierno involucrado que no estaba enterado de la propuesta que surgió en la reunión de Curacao ni del proyecto de decisión impulsado en esta reunión.

En este sentido, consideramos que las consultas deberán continuar entre las Partes estrictamente involucradas y, en nuestro caso particular, tenemos una alianza regional sobre oceanografía con Brasil y Uruguay, OCEATLAN, que es el ámbito de tratamiento del tema de referencia.

## **Canada**

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Canada would like to express its appreciation to the Director General of UNESCO and to those member states who provided additional resources for their increased support to IOC during this challenging period

We would like to thank the Executive Secretary and the Vice Chair Peter Hoguen on their clear presentation on the IOC activities and the budgetary situation. In this regard, we would like to also thank Stefano and Ksenia for the clarity of the financial report; they have been instrumental in improving this report over the years.

Canada congratulates the Executive Secretary and the officers on the progress made on the many activities of IOC in spite of the budget reductions and their success to attract funding to deal with the issues. It has not been an easy time for IOC, but they have been able to keep IOC in the lime light.

This is a critical time for IOC and for the ocean science, but it is also an opportunity to rethink the priorities of IOC and how we deliver on them.

We are looking forward to working with the Finance Committee sessionally and intersessionally to develop a medium-term strategy for IOC and a multi-year work plan aligned with the mandate and the priorities, and in partnership with other sister organizations.

In this regard, we look forward to the report of the Joint Inspection Unit on UN Oceans as it could provide additional guidance on how to strengthen our partnerships with other organizations.

## **India**

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Our delegation would like to thank and congratulate the Executive Secretary for a comprehensive report highlighting the various activities under four HLOs of commission. One of the important activity had been the preparation of a Blue print on ocean and coastal Sustainability and IOC making a Statement on "IOCs Special Contribution to Sustainable Development" to the Rio+20 We are happy to note that IOC has played an active role in Rio+20 negotiation process, to promote key areas of interest of its Member States, such as ocean acidification and the importance of ocean observation in support of the UN Regular Process and the mandate of IOC in strengthening the capacity building requirements of its Member States.

Our delegation also take this opportunity to reiterate India's commitment to work closely with IOC in promoting ocean observations, operational oceanography and other capacity building activities of IOC.

### **Iran (Islamic Republic of)**

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Ocean Sciences: Marine Science and Technology Group of the Iranian Ministry of Science, Research, and Technology was formed with the aim of reviewing the educational programs and preparing educational syllabi in the different fields of Oceanography while paying special attention to interdisciplinary fields.

The Marine Science and Technology Group has four committees:

- The Ocean Engineering Committee
- The Ocean Social Sciences Committee
- The Ocean Biology Committee
- The Ocean Non-Biology Committee

Ocean Observation and Services: The Islamic Republic of Iran welcomes efforts for intergovernmental coordination in operational oceanography. With regards to future needs in this respect, we propose the making laws for the facilitation and regulation of free use and exchange of oceanographic satellite data. Further, we encourage capacity building in this field.

Moreover, the Iranian National Institute for Oceanography on behalf of the government of the Islamic Republic of Iran has planned the most magnificent historical cruise in the Persian Gulf and the Gulf of Oman starting from October 2012. The project is named PG-GOOS, which stands for *Persian Gulf & Gulf of Oman Oceanographic Survey and Study*. This project has received US\$2 million in federal funding.

### **Japan**

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Japan would like to appreciate the tremendous efforts to hold this 45th Executive Council under very severe financial condition of IOC. As answering the questionnaire, Japan strongly suggested that we should hold the Executive Council even if it has to shorten the session. Japan would like to appreciate the IOC office for taking into account our suggestion.

Concerning on the members of the steering committee of the Global Ocean Observing System, only two members are from Asia serving the activity of the committee among the membership of 20. Japan concerns the regional balance of membership toward the global ocean observations.

With regard to JCOMM, we would like to extend our appreciation to the IOC secretariat and relevant members for holding that meeting in the time of financial difficulties. In view of the importance of the JCOMM activities, Japan would like to ask IOC to continue its support to the JCOMM activities.

Tsunami and other coastal hazards warning system is one of the crucial pillars of the IOC high-level objectives. In this regard, Japan commends the significant progress in all ICGs and IOC efforts to facilitate them under the very tight budgetary situation in these days.

In particular, as Mr. Chairman mentioned, an international symposium entitled 'The Great East Japan Tsunami and Tsunami Warning System: Policy Perspectives' was held at United Nations University in Tokyo, Japan, 16-17 February 2012.

It was attended by almost 300 participants including His Imperial Highness Crown Prince, higher level of officials of Japanese Government and international experts. The summary statement is available on the IOC website for the reference of Member States.



Among them, in particular, Japan congratulates the launch of the Indian Ocean Regional Tsunami Service Provider, RTSP, services on 12th October in 2011, followed by the successful operation by the three RTSP during the Sumatra event on 11th April in this year, 2012.

Japan has been supporting the WESTPAC activity since the establishment of the WESTPAC. Japan welcomes the establishment of IOCAFRICA. Regional activities are quite important not only at the regional level but also at the global level of the achievements of the Commission.

In this regard, Japan, together with our newly elected Chair of the WESTPAC, Dr. Somkiat of Thailand, would like to support the IOCAFRICA activity through exchanging our successful experiences of the WESTPAC activities.

In conclusion, my delegation would like to support the decisions presented in the annotated agenda in front of us, expressing again our concerns regarding the geographically unbalanced membership of the GOOS Steering Committee.

## **Portugal**

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Concernant le point du rapport de la Secrétaire Exécutive au sujet du processus de recrutement du prochain Secrétaire Exécutive de la COI, mentionne dans le point V du projet de décision, le délégué du Portugal a souligné l'importance de cette procédure.

Sur la base d'une analyse approfondie des procédures suivies dans le passé, ainsi que du texte de l'annonce pour ce même poste, et encore tenant compte du débat sur cette question lors de la 41<sup>ème</sup> session du Conseil Exécutif de la COI au point 5.3 de l'agenda, il a soulevé l'importance de profiter de cette opportunité pour :

- actualiser le texte des fonctions
- réitérer que ce poste a le grade de Sous-Directeur Général, commun au système des Nations Unis, au Service de la Commission.

En accentuant ce dernier point, on a en vue de contribuer à la clarification des fonctions et des lignes hiérarchiques directes du Secrétaire Exécutif vis-à-vis de la Commission.

Dans ce but, le Portugal a suggéré la Constitution d'un petit groupe de rédaction pour élaborer, au cours de cette session du Conseil Exécutif, le texte de l'annonce de concours au poste de Secrétaire Exécutif et pour vérifier la conformité de la procédure.

## **Republic of Korea**

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First of all, I would like to commend the excellent work of the IOC Executive Secretary, Ms. Wendy Watson-Wright, and the Secretariat in implementing the programmes of the IOC since the last Assembly, amid many challenges and urgent global issues. In particular, the IOC Sub-Commission for Africa and Adjacent Island States (IOCAFRICA) was established in Nairobi last May with the financial support of the Republic of Korea. Despite the current financial difficulties facing UNESCO and the IOC, I hope support for the new born sub-commission will remain a high priority in order to successfully implement its mission. In this regard, I am pleased to inform you that the Republic of Korea will continue its support for IOCAFRICA, through the Yeosu project and other ODA programmes.

Recognizing the importance of the IOC Executive Secretary position, it is clear that all member states should work towards a consensus on the matter of the selection of the Executive Secretary. Hence, my delegation fully supports the suggested timeline of the recruitment process.

Mr Chair, On behalf of my Government, I would like to express my gratitude to the IOC for its support and joint organization of events during the Expo 2012 in Yeosu, Korea. I am pleased to report that the 9<sup>th</sup> session of IOC/WESTPAC, the 2<sup>nd</sup> PICES/ICES/IOC Climate Change Workshop, and the 4<sup>th</sup> JCOMM symposium that took place during the Expo all concluded successfully.

In addition, Mr. Ban Ki-moon, UN Secretary-General, and Madam Irina Bokova, UNESCO Director-General, as well as Ms. Wendy Watson-Wright and other IOC officials will join the closing ceremony of the Expo 2012, which will conclude with the Yeosu Declaration.

The Yeosu Declaration aims to provide a vision for the transition to blue-green economies that keep the ocean healthy while also ensuring the harmonious prosperity of humankind.

I hope the IOC and its member states will continue their support for the successful completion of the Expo 2012 Yeosu Korea.

Finally, I would like to stress the importance of member states and the Secretariat's joint efforts to overcome the challenges currently facing UNESCO and the IOC. A clear focus on deliverable results, the strategic delegation of priorities, effective monitoring and evaluation of output – the seare all necessary to wisely overcome our difficulties and ensure successful implementation of programmes. In this regard, I would like to reaffirm the Republic of Korea's strong commitment to the programmes of the IOC.

## **Turkey**

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Since this is the first time to take the floor, I would like to congratulate you on your presidency. My Delegation believes that under your leadership, we have continuing our fruitful deliberations to reach our common goals.

With this opportunity, I would like to also express our sincere thanks to the Secretariat for their efforts during the preparation of the comprehensive working documents as well as for the efforts to overcome the budgetary constraints.

Mr. Chairman, Turkey attaches great importance the activities carried out by UNESCO. With this understanding, we support especially the activities of IOC, which is a flagship a programme.

In light of this, I would like to remind that Turkey has contributed to the Special Emergency Multi-Donor Fund for UNESCO with a grant of 5 million US Dollars, without concrete earmarking. Turkey has also paid her budget contributions in full in January 2012 for the years 2012 and 2013, valued as 4,4 million US Dollars, with a spirit of cooperation during such a difficult period in terms of financial difficulties of UNESCO as a whole, and IOC.

Therefore, Mr. Chairman, we would like to reiterate our commitment to continue to support the IOC activities in this regard.

## **United States of America**

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The U.S. expresses its appreciation to those member states, the Director-General, and others who have provided their increased financial support for IOC to continue scientific and intergovernmental services essential to the international community. We commend the Executive Director, Dr. Watson-Wright, for her focused work and collaboration in determining the placement of several functions in alternative organizations and that it is the U.S. intent to see these functions returned to the IOC when feasible.

The U.S. maintains its membership in and commitment to UNESCO and the IOC. We continue to serve as a leading member of the IOC, participating on the Executive Council, and as active members of IOC programs, providing scientific leadership and contributing its national capabilities to achieve agreed goals, for example, through GOOS, JCOMM, IODE, the tsunami program and other components of the program.

## Uruguay (Observer)

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Agradecemos la posibilidad de participar en calidad de observadores en relación al proyecto de decisión 3.2, numeral romanos iii, titulado Sistema de alerta contra tsunamis y otras amenazas costeras.

Al respecto, queremos dejar constancia al comité, que las autoridades uruguayas han estado plenamente informadas del tratamiento de este punto y hemos seguido con especial atención los debates en este consejo.

Al ser nuestro país mencionado específicamente en el párrafo 11, del documento 2.1 con el orden provisional, como parte de dicha propuesta, Uruguay desea solicitar que conste en el informe de esta reunión y en las actas correspondientes, que nuestro país no esta de acuerdo con el procedimiento por el cual se lo incluye en una iniciativa, el la cual no fuimos consultados, no participamos y además no siendo miembros de este consejo ejecutivo, no nos parece adecuado.

Por este motivo, entendemos que dicho tema excede este consejo y debe ser tratado en el marco de la asamblea general de la COI el año próximo y reiteramos nuestra solicitud que de aprobarse esta decisión, figure en actas nuestra reserva al respecto.

Finalmente, queremos expresar nuestra preocupación por las propuestas presentadas en diversos proyectos de decisión aumentando la autonomía de la secretaría. Nuestra visión es que aquí, al igual que en todo el sistema multilateral, las iniciativas y decisiones corresponden a los estados miembros y las secretarías tienen como función ejecutar y dar seguimiento. Nos preocupa esta tendencia en este y todos los órganos.

### 4.1 Follow-Up to Rio+20

#### Brazil

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My delegation would like to thank the Executive Secretary for her efforts to give the appropriate visibility to IOC's message in the context of Rio+20. On behalf of the host country, I would also like to thank the countries represented here for their participation in the Conference.

As mentioned by the Executive Secretary, Rio+20 was successful in many regards. And we can certainly say that in relation to raising the profile of the ocean-related issues.

In Rio+20 there have been many events that contributed to that achievement. I would single out the Dialogue on Sustainable Development dedicated to oceans. That was promoted by the Brazilian government in order to enhance participation of the civil society through inputs to the governmental discussions. Also, I should refer to the ocean-related session in the Forum on Science, Technology and Innovation for Sustainable Development, co-sponsored by the Brazilian Ministry of Science, Technology and Innovation, the Brazilian Academy of Science and other partner.

On the Outcome Document, we believe that, although some may consider it to be far from the ideal result, it is a significant achievement to have a consensual text among more than 190 countries. And it is no minor achievement to have a section of the Document specifically dedicated to the oceans. The Brazilian delegation would like to highlight the references, in the oceans part of that Document, to the issues of capacity building and transfer of technology (where IOC is explicitly mentioned). That must be taken into account in the elaboration of the IOC's Medium-Term Strategy for 2014-2021.

Mr. Chairman, with your indulgence, I would like now to ask the representative of the Brazilian Ministry of Science, Technology and Innovation to complement this statement with some information on initiatives under consideration in Brazil, to which IOC could contribute.

The Brazilian Delegation would like to consider the offer to host the 3rd International Symposium on the Effects of Climate Change in World's Oceans in Brazil, 2015 or alternatively, 2016, co-sponsored by ICES, PICES and the IOC.

We understand that the approval of such proposal would have to go through the process of consultations within ICES and PICES later this year and in this regard, it would be appropriate to express our intention at this stage.

The role of climate change on the oceans and its effects such as sea level rise, changes in thermohaline ocean circulation, ocean acidification, changes in species abundance, loss of biodiversity, among other things, are considered top scientific priorities in Brazil. This symposium aims to bring together experts from different disciplines to exchange observations, results, models and ideas at a global scale and to discuss the opportunities to protect the marine environment and its living resources.

I take the opportunity to announce the creation of a new Programme under the Brazilian Governmental agenda, called "Oceans, Coastal Zone and Antarctica", with the goal to place "Brazilian oceanographic research" at the international level and to understand the role of the South and Tropical Atlantic on climate change, projected for the end of this century. Our way ahead is confronting the Challenges, by reducing the scientific and technological gap that still separates Brazil from more developed nations.

In doing so, we are happy to announce that the Brazilian Government has approved the creation of a National Institute for Ocean Research and is about to finalize the procurement of a brand new oceanographic vessel to be purchased under a collaboration established by the Ministry of Science, Technology and Innovation, the Brazilian Navy, Petrobras and Vale (a Brazilian private company), to be operated by the Brazilian Navy, and to start operations in 2013. We hope to have the IOC as partners in the region.

Finally, we are pleased to announce that, within the remit of Article 160 of the Rio+20 Outcome document, we have started conversations with sister African nations in the South Atlantic to develop a program, under ZOPACAS (Zone of Peace and Cooperation in the South Atlantic) with a focus on ocean sciences while prioritizing capacity building. I hope to have the opportunity to discuss further with colleagues here represented on the possibility of hosting a Workshop to elaborate and draft the future ZOPACAS programme during this IOC Executive Council meeting.

## **Republic of Korea**

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Republic of Korea greatly appreciates the efforts of Dr. Wendy Watson Wright on initiating Blue Economy approach as a new concept for Rio+20.

As we all know, the concepts and objectives of sustainable development and green economy make sense only if the ocean is fully incorporated. In this regard, we think the Blueprint report which was printed end of last year, timely reflected and emphasised the importance of twin issues under the leadership of IOC.

We wish to inform the member states Korean translated version of Blueprint was published and distributed to the scientists, decision makers, and even to the students for public awareness.

As we fully recognized, Rio+20 is a country-led process and activities among the participating countries. In this regard, we, IOC as well as member states, have to continue our effort to input more on the importance of ocean by using international debate and gathering expert opinion as a contribution beyond Rio+20.

## **4.2 The Future Needs for Intergovernmental Coordination and Governance for Sustained Ocean Observations and Services and the Future of the Commission**

### **Argentina**

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La iniciativa de crear un Grupo de Trabajo especial de composición abierta encargado de preparar un proyecto de estrategia de elaboración de un instrumento jurídico para la COI, en materia de oceanografía operacional, complementario de la Convención de Naciones Unidas sobre Derecho del Mar ha sorprendido a esta Delegación, sobre todo a nivel procedimental, porque este tema ya fue discutido durante la última 26 Asamblea de la COI (en junio de 2011) y no obtuvo el consenso necesario. Nos preocupa que vuelva al comité la misma propuesta que los Estados Miembros ya han desestimado.

Nuestro país no ha cambiado de posición desde entonces, para la Argentina, la Convención sobre Derecho del Mar es el marco jurídico adecuado para abordar esta temática, se trata, señor presidente, de la constitución de los mares y, haciendo una interpretación armónica de la misma, se podría incluir a la oceanografía operacional dentro de la investigación científica marina.

Por otra parte, si se quisiera de todos modos abordar un nuevo instrumento jurídico o un instrumento jurídico complementario de la Convención de Derecho del Mar, ello debería afectarse en el ámbito de Naciones Unidas, en una Reunión de los Estados Partes de la Convención mencionada, y no en el ámbito de la COI.

### **Bulgaria**

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The problems of the implementation of IOC/JCOMM programmes ARGO and Drifting buoys as well as observational data exchange in marginal seas was the subject of discussion on the Forum on “Operational Oceanography of IOC (for GROUP II)”, which was held in Varna, Bulgaria, 20th - 22nd March 2012. The member countries of IOC Group II are located on four marginal seas Adriatic, Baltic, Black and Caspian seas. These seas are totally divided into EEZs which have their specific legislation concerning the oceanographic researches and oceanographic data exchange. We have particular difficulties to arrange open data exchange (both in the real-time and delay mode to fulfill reanalysis) for example in the Black Sea area. Unfortunately the current IOC regulation does not provide solid basis to resolve existing contradictions of the operational oceanographic society needs with national legislation in the region.

The common opinion was that the special resolution of the IOC Assembly may help to solve this regional problem.

### **Canada**

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Canada welcomes the discussion on current and future requirements for an end to end system to support sustainable and responsible marine use and IOC’s role in this regard. The expectation and requirements of the various sectors of marine users are so wide ranging that we have to carefully determine what IOC can do by itself, what it can do in partnership with others and what it needs to leave to others. We cannot afford to spread ourselves too thin or to limit our activities so much that we become irrelevant.

Canada is in full agreement that we need to significantly enhance the global observing network, and actively participates in the efforts of IOC and other marine-related organizations such as ICES, PICES, and others. Canada also recognizes that there are significant challenges and many road blocks in this regard.

We do think that we need to first identify the problem we are trying to solve here: is it technical, policy related or legal. Canada appreciates the work that has been done by the officers and X-chairs of IOC to start the discussion. As UK mentioned, this topic is important and timely, and it requires considerable engagement from the MS. Canada will be happy to participate in any technical and scientific discussions in this regard

Canada strongly recommends that the discussion on this topic be constrained to areas of IOC's mandate. Canada will not be in favour of any discussion on a possible legal instrument to advance the technical and scientific objectives of IOC.

## **India**

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Our delegation in-principle support the idea of operational oceanography. There has been a great deal of discussion on Operational Oceanography and the related legal aspects in the working group meetings held during the last 2 days. But there was a clear consensus to separate legal aspects from the technical issues involving ocean science. We are of the opinion that there is a need to delink operational oceanography from the legal issues. Guidelines on Data exchange are already available under the policies of IODE/IOC and there is no need for inventing new policies.

There is no doubt that we have to move towards ocean information and services or operational oceanography. Towards that, we feel that, the need is build capacity, especially in the areas of real time data acquisition, running regional models for ocean forecasts, etc. We have reservations on the creation of an international Institute of Ocean forecasting when IOC is facing financial difficulties.

We need regional ocean models for forecasting the local oceanographic processes of a region. Hence, we are of the opinion that a network of centers only can succeed in providing the desired results rather entrusting the job to one or two institutions. If we entrust the job to local centers, the legal issues involving access to data also need not arise.

## **Japan**

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Japan expressed its sympathy with the idea that we would need some workable mechanism for sustained ocean observing system and services. At the same time, however, regarding the ways to put the things forward toward intergovernmental coordination and governance for sustained ocean observations and services, legal instruments or a kind of convention may not be the only way to take. These approaches toward legal instruments or a convention may change the nature of the Commission, and also would cause negative impacts on the ongoing observing system and ocean services which have been carried out on the voluntary basis and at a certain level of satisfaction. Despite the above, there really exist problems in front of us in enhancing our ocean observing system.

Along this line Japan would support to establish an open-ended working group that works for the next inter-sessional period to discuss on some identified issues how the Commission could promote sustained ocean observations for multiple purposes.

## **Malaysia**

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Malaysia thanks the former chair and the vice chair of IOC for the excellent presentations on the ideas for concerted effort to increase the visibility of IOC as the leading organization in ocean science and services in ocean data management.

In addressing the technological challenges and threats to the ocean environment and ocean coastal sustainability, the capacity development in ocean forecasting and integrated data management is welcomed.

There is also a need to enhance coordination in Marine Scientific Research and understanding of Technology Transfer, taking into consideration the different economic status of development of member states. The gaps in data, related to technical capability, the different bio-geographies and also requirements for real time data as in operational oceanography would require further calls for commitments in ocean measurement, management and continuous monitoring activities by member countries.

IOC could enhance further discussions through international meetings that could be organized in the future. This would provide strong interactions for national, regional and global strategic cooperation in new areas.

We support the proposed strategic plan of IOC in strengthening and engaging on member countries through international cooperation to promote further investment in ocean science, technology and innovation for sustainable development.

## **Republic of Korea**

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The Republic of Korea believes that IOC's mission is to promote international cooperation for ocean observation and to share the benefit of ocean data with all Member States. In this regard, the Republic of Korea supports the IOC's priority on operational oceanography. Although IOC contributes to the sustainable use of ocean, which is considered a common heritage of human beings, by improving scientific understanding of the oceans, IOC is now facing two significant challenges. The first is the gap between the available financial resources and the needs and expectations of the Member States to IOC. The second is the different policies and situations on ocean observation and its data exchanges of Member States.

Establishing an oceanographic data convention, which is suggested by the Chair and the Secretariat, would be the most effective and realistic measure that UNESCO/IOC will take in order to solve the above-mentioned two challenges. Given that para 5 of the draft decision reads that working group develops a draft strategy to elaborate a legal instrument for IOC, we suggest that the draft strategy include the purpose of convention, potential contents, legal and financial duties of contracting parties, related other UN conventions including the UN Convention on the Law of the Sea, procedure of its establishment, etc. We also suggest to report the strategy at the next Assembly. We believe that this strategy will help us to understand the feasibility of the convention.

In general, the Republic of Korea agrees that this convention, as a complement to the UN Convention on the Law of the Sea, will strengthen the status of IOC in the UN system and increase the commitment of Member States for ocean observation and its data sharing. However, we would like to underline that various aspects should be reviewed to proceed the establishment of the convention.

## **South Africa**

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We thank the previous Chair of IOC and the Chair of the Working Group for their comprehensive report that spells out the difficulties of conducting operational oceanography.

SA has recognised the importance of the oceans around us from a scientific, political, social as well as economic perspective. Sustainable development is intrinsically linked to the oceans especially when considering that we are surrounded by three major oceans.

As a result, sustained data collection and improving our understanding of ocean processes are fundamental to ocean forecasting and the potential of an early warning system, especially when considering the most vulnerable of society along the coast where impacts are most felt. When we consider the large data gap that exists in the Southern Oceans, it is strategic that we best use our resources and infrastructure to further the objective of closing that gap due to its relevance to the region – indeed an important consideration for the Sub-Commission for Africa and Adjacent Island States.

South Africa has now started rolling out a national real-time data observation system with the future aim of going beyond our own EEZ. Sustained data collection of the highest quality is imperative if we want to prepare ourselves in the light of Climate and Climate Change impacts.

Together with our observation networks in the Southern Ocean plus our investment in a new Deep Ocean research vessel – collectively will be used to ensure a sustained data collection process together with all regional, continental and international partners. The importance of operational

oceanography forms the foundation of many of our programmes and as a result SA has developed a 15yr implementation plan for our Observational System.

We welcome any further discussion during the intersessional period to refine an internationally accepted mechanism within existing policy or legal frameworks as well as a fundamental definition and we are willing to participate towards making it a success.

#### **4.2.1 IOC Support Centre for Ocean Data Portal**

##### **India**

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We welcome and support the offer made by Russian Federation to set up a Support centre for Ocean Data Portal. Mr. Chairman, however, we would like to know the details of the proposed Support Centre, specifically how it will be different from the NODCs and RNODCs. Also, we would like to know the details on the linkage between IODE and the proposed Portal. Similarly, what would be the policy of this portal on data archival and dissemination?

Finally, Mr. Chairman if you ask us whether we are for or against this Portal, certainly we are for the portal.

##### **Malaysia**

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Malaysia supports the proposal for the establishment of the centre for Ocean Data Portal (ODP) as presented by the Vice Chair of IODE.

We acknowledge the importance of ODP in supporting the work of IOC programmes under IODE and we are fully aware of the initiative by the Russian Federation on the ODP development since 2011. In this regard, we would like to thank the Government of the Russian Federation for this commendable effort.

We would also like to inform the EC that Malaysia has developed the National Ocean Data Portal ([www.mynodc.gov.my](http://www.mynodc.gov.my)) which is currently going on to the 2nd phase of development. This flagship project on MyNODC provides facility for spatial data info-structure that can support integrated data management and ocean modeling through semantic applications.

Regarding the point on the establishment of the IOC of UNESCO partnership centres, we seek clarification on as to how this particular centre could be linked with other ODP nodes in the future.

##### **Republic of Korea**

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Korea delegation recognizes the importance of the Ocean Data Portal as a core activity of IOC/IODE, and appreciates the efforts of the Russian federation for the development and operation of ODP. We also think that the in-kind contribution of Russian federation for the establishment of ODP center is to be welcomed. But, when it comes to the personnel setup, three staff positions do not seem enough. As you know, data management is a complicated and time-consuming work. We think that activities of ODP are not just confined to the development and update of protocol. There are many works such as ensuring interoperability between similar systems, data standards, quality control, promoting data provision, etc. Therefore, we would like to suggest that ODP center assigns more than three staff positions. If it is not easy to increase the staff positions by Russian Federation, it may be possible to take in-kind contribution by secondment of an expert from other systems or other member countries. For example, an expert from WIS, or SeaDataNet, or NODCs could be sent for development or operation. This kind of participation will be well opened for better future of ODP.



### 4.3 Review of IOC/ABE-LOS

#### Japan

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Japan fully recognizes that the Advisory Body of Experts on Law of the Sea (ABE-LOS) demonstrated its capability and usefulness as an advisory mechanism within the Commission in implementing marine scientific research under the UNCLOS, and produced a set of documents namely:

- Criteria and Guidelines on Transfer of Marine Technology,
- Procedure for Application of Article 247 of UNCLOS, and
- Guidelines for the implementation of Resolution XX-6 of the IOC Assembly regarding the deployment of profiling floats in the High Seas within the framework of the Argo Programme

These documents were well accepted in general, in particular the document: Criteria and Guidelines on Transfer of Marine Technology was well referred at the recent meeting of Rio+20. However, we find that the document is not fully utilized as a tool to assist developing countries in initiating and advancing marine scientific research. We feel it necessary to consider how the best to utilize this product.

Regarding to establish an inter-sessional ad hoc open-ended working group conducted by a Vice-Chair, Japan supports the proposal. Concerning to the document on Analysis of Questionnaire on ABE-LOS, due to delay in response contribution of Japan is not counted in the document. We found that there are some other responses not included by the same reason. We recommend that a set of lately submitted responses should be provided as additional information to the document, then the inter-sessional working group would be in a position to develop further discussion.

Japan feels that ABE-LOS should be remained with modified ToR enabling the Body to investigate topics of common interest of Member States on relevant issues regarding to application and utilization of the newest technologies within the framework of UNCLOS. This would enable ABE-LOS to respond current topics within an appropriate timing before receiving request of the governing body. Forming an ad-hoc task team on particular topic would be one way of solution to meet an emergent issue.

We believe that one possible role of IOC in relation to UNCLOS would be to provide a platform with experts of different disciplines to exchange views on how the best to implement marine scientific research in accordance with UNCLOS based coordination between research states and concerned coastal states.

Japan also believes that another role of IOC is to survive and strengthen the Inter-Secretariat Committee on Scientific Programmes Relating to Oceanography (ICSPRO) for better coordination function among the UN community.

#### Republic of Korea

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Republic of Korea wish to express our gratitude for Prof. Blivi's effort to make this analyzed report in spite of the small number of response on the questionnaire

We want to make two comments this time. With regard to the opportunity for future activities where the advice of an expert body may be necessary, we believe that our previous mission on the means of data collection has not been completed yet. We suggest ABELOS should resolve or come to a conclusion on ABELOS' previous mission first. Throughout discussing such given issues of the mission, we might find out more on what we should concentrate in the future.

Regarding the mechanism to identify and prioritize issues of interest to the IOC, we believe there are two different ways to do this. First and most importantly, the issues should be directly raised by the member states. Hence, the IOC could inform the member states, maybe during the general assembly next year, to raise their voices for identifying and for priority issues of interests which

could be tackled by ABELOS. Secondly, the IOC could periodically and regularly survey the member states' opinion by asking if there are any issues to be tackled by ABELOS. This may be a reasonable way to find out the priority issues because sometimes member states might not be able to find an opportunity to speak up on such issues.

We appreciate again Dr. Blivi's effort and hard work.

#### **4.4 Report of the Chair of the Advisory Group on Ocean Sciences**

##### **Canada**

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This Ad hoc Advisory Group for the IOC Ocean Sciences Section was created to set strategic directions and priorities that will contribute to the preparation of the next Medium-term Strategy of IOC. The document that was produced by the Group was a very good guidance document, but would still benefit from further discussions and consultation. Canada is concerned about the time and effort required for bringing in the information from this and other background documents into a solid, integrated IOC's Medium-term Strategy, and requests the Executive Secretary to provide a roadmap on the process that will be followed to achieve this.

##### **India**

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We appreciate and thank the advisory group on Ocean Sciences for the report they have presented. No doubt, it is well thought out report. It is timely because of the growing importance of oceans on changing climate and sustainable development. The importance of oceans certainly underlines the need for focused efforts on ocean sciences. However, Mr. Chairman, we suggest that the activities planned on Ocean Sciences should not duplicate the efforts of other groups like ICSU, IUGG/IAPSO, SCOR, etc. In this context, we would like to know whether there will be a mechanism to review the activities of various groups and avoid duplications.

Mr. Chairman, we also have little concern about the membership of the group. We do not see any membership from the Indian Ocean region. Hence, we request you to consider circulating this document among wider community for their comments.

##### **Japan**

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Japanese delegation appreciates the Advisory Group preparing the report that opens a new way of IOC activity in future. We have comments on two issues.

IOC has been unique among various UN organization, working more on scientific oceanography. We can provide scientifically accurate data of biological, chemical and physical condition of the ocean for use as a basis of evaluation of environment and some other purposes. When we consider application of scientific knowledge for cooperation with other organizations, we should put more priority to make strategy to produce and provide scientifically accurate data continuously.

Despite the fact that an expert from Japan could not join the advisory group discussion, in future Japan wish to participate to make practical plan of action actively.

##### **Thailand**

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We appreciate the presentation of the progress report on Ocean Science section.

Thailand supports idea of implementation pillars on IOC global ocean science conference. However, the global conference could bring only leading scientists and policy makers to join the conference, we are still missing a big number of ocean scientists whom working in the region that could not participate to the conference.

To get more participation of those scientists, the UNESCO/IOC head office should support and encourage the IOC Sub-commission, regional programmes and partners to organize the similar

conference every 2-3 years at the regional level. This could provide a platform for the experts and young scientists of member states to be able to join the conference and build up the scientific network in the regional level.

The scientific networks will contribute their activities at national level to regional and global level of IOC activities. Regarding a constraint of financial status of the IOC, the regional network could contribute more in term of both in kind and in cash to the IOC in general. As the IOC/WESTPAC has been conducting the IOC/WESTPAC scientific symposium every 3 years. This activity helps to encourage the experts and young scientists in the region to contribute their works and join the IOC/WESTPAC activities. This is the one of the key issues that makes the IOC/WESTPAC successful in its roles in the region.

## **United Kingdom**

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The UK appreciates the work that has been done in producing this report and notes the central importance of the ocean science section to IOC.

We note that under the enthusiastic and capable leadership of Luis Valdes the aspirations of the Ocean Science Section are very ambitious and challenging.

It is on this aspect that the UK shares the concerns of Canada, US and others because it is clear that in the present budgetary situation we are going to have to focus our priorities and to relate them more clearly to both the activities of other sections within IOC and to the High Level Objectives as they become developed during the next year within the draft medium term strategy. It will also be important to see a work plan so that we can assess whether there are sufficient resources to undertake and complete the planned programme.

## **United States of America**

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The U.S. expresses its appreciation to the chair and the advisory group for the report submitted, and notes the positive use of virtual correspondence methods in a time of limited resources, the diversity of the committee, and the nature of the strategic objectives recommended. The strategic objectives relate to the IOC current High Level Objectives and can be logically extended. What is not clear from the Report is the component of the charging task from the 26<sup>th</sup> IOC Assembly Decision 8.1, which called for the prioritization of Ocean Science Section activities. It is also not clear by what procedure the scope of activities will be narrowed and, in an environment of diminished resources, how a targeted, timely and prioritized work plan will be produced.

## **5.1 Funding Plan for 2012–2013**

### **Republic of Korea**

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The Republic of Korea would like to express its appreciation for the efforts of the Secretariat to maintain the activities of IOC in this financial situation by mobilizing the extra-budgetary fund. The Republic of Korea also welcomes the temporary programmatic choices and the Priority Funding Plan submitted by the Secretariat.

In particular, we agree with the ideas of focusing on the IOC's core programme and terminating the projects which have little impact or are difficult to secure the funds. In addition, we support the efforts to reduce the administration costs by reducing the dates of the Executive Council.

We would like to suggest using this predicament as a way to clearly define the identity of IOC. While recognizing the reality that the needs and demands of the Member States are high but the financial resources are too low, we should reduce the number of IOC's core activities and focus on them. In this regard, we appreciate the efforts of the Secretariat to establish a priority funding plan and to improve the implementation of the activities.

According to the plan, a relatively large budget is allocated for the Rio+20 follow-up. Given that IOC has made efforts to improve the awareness of the importance and the role of the oceans, we expect the follow-up activities to be implemented effectively.

Finally, with regard to the priority funding plan, we want to share this information with member states that Korea has a plan to financially support IOCCP (International Ocean Carbon Coordination Project) by using Fund in Trust at the amount of US\$247,000 for 2 years from July this year.

## **United Kingdom**

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The UK believes it is important when making decisions on budget reductions in the short term to do so in a long term context and to ensure that such cuts will not by themselves constrain development of proposals for a medium term strategy. We will be considering the strategy later in the agenda but here we note it will cover a longer period than usual. It is of course very difficult to forecast accurately how circumstances will change during that time. If we stop activities now and hand them to other bodies then we may never be able to recapture them. Therefore we support attempts to maintain the existing programme as far as possible for the time being.

We seek clarification on how the cuts have been distributed across HLOs. In percentage terms, HLO1 seems to have survived relatively well – 74% of the original budget compared with 25-40% for other HLOs. What is the particular justification for this? Recalling the intervention by Australia under agenda item 3.2 we express gratitude for those Member States that have increased their EB funds but also share the concern that this may lead to new emphases for IOC itself, especially if this also results in related re-alignments of the regular programme funds.

It is not appropriate to go into details here but as an example of the issues we have noted, we have a specific comment on HLO1 regarding what can and cannot be achieved (ref Appendix A of Annex 8, page 2). It seems that coordination activities for the NE Atlantic and Mediterranean Tsunami Warning Systems will no longer be funded and this is just at the time where several components of the system are about to become operational. Is there scope for remedying this?

Finally, a comment on the Secretariat realizing that this is a difficult period for them. Although it will not be possible for them to support meetings and other events in the same way as before we believe they continue to have a crucial role to play. We would encourage some imaginative thinking regarding the best way of using the considerable expertise and experience of the Secretariat in the present circumstances.

## **5.2 Draft IOC Medium-Term Strategy for 2014–2021**

### **Iran (Islamic Republic of)**

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The Iranian National Institute for Oceanography (INIO) welcomes IOC's efforts toward enlarging its base of donors with a large number of small to medium contributors. Moreover, it seeks to analyze domestic options for contributing to this base of donors. We also plan to make in-kind contributions such as training field professionals. Lastly, we would like to contribute to each and every one of IOC's high-level objectives in the form of IOC support centers. Other examples of our support of the IOC visions include a Category II Research Center and plans to contribute, as envisioned by the IOC, to capacity building and training. Contributions to GOOS, IOTWS, IODE, and other programs of IOC are also among INIO's plans. INIO has set aside the minimum yearly budget of US\$ 1 million for these purposes.

Our efforts to this end are further described below:

1. Prevention and reduction of the impacts of natural hazards is one of the priorities of the Iranian National Committee for Oceanography of Islamic Republic of Iran. The "Iranian National Center for

Ocean Hazards (INCOH)” was established to operate under the supervision of the Iranian National Institute for Oceanography (INIO) in February 2012.

Furthermore, the Iranian National Institute for Oceanography has organized several workshops, the last one of which, the “National Conference on Oceanography: The Prediction and Warning of Ocean Hazards”, was held on June 10<sup>th</sup> and 11<sup>th</sup>, 2012 in the city of Tehran on the occasion of the World Ocean Day.

INIO has received US\$ 4 million in federal funding for conducting research projects in the field of ocean hazards.

2. Mitigation of the impacts and adaptation to climate change and variability is the second high-level objective at IOC. Considering the uniqueness and vulnerability of land-locked water bodies to climate change impacts, especially those that are in arid areas, the INIO works on ten inland lakes as well as the Caspian Sea. Moreover, the INIO further collaborates with national and international bodies on mitigation and adaptation plans in response to climate change impacts in the following manners:

- a. implementing paleoclimate project studies
- b. coastal monitoring programs
- c. increasing public awareness
- d. and the coordination of other national and international programs that are implemented in Iran

3. Safeguarding the health of ocean ecosystems constitutes the third high level objective at IOC. All marine environmental conventions in the ROPME Sea Area, including the Caspian Sea, the Persian Gulf, and the Arabian Sea are pursued by the Ports and Maritime Organization (PMO) and the Department of Environment of Islamic Republic of Iran. A national project will be carried out during the next 5 years by the Department of Environment of Islamic Republic of Iran with a budget of US\$ 30 million.

4. The Sea and Coast Development and Civil Organization was established under the auspices of the Ministry of Interior of Islamic Republic of Iran. This organization supports the management procedures and policies leading to the sustainability of coastal and ocean environment and resources.

## **Japan**

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Recently, Japanese National Commission made a proposal to UNESCO on “Sustainability Science”.

The concept of “Sustainability Science” is an integrated approach to build a truly sustainable society. The biggest problem which we come up against today is sustainability of an earth system, and it is important to take note that the modern environmental, economical and social system is extremely complicated and comprised of problems that are not independent but closely interrelated.

Focusing on the fact that UNESCO is a forward-looking agency, and IOC is also focus on sustainability, we think it is an important role of IOC to bring and promote the concept of “Sustainability Science”.

In view of this, Japan would like to suggest to bring the concept of “Sustainability Science” into next Medium-term Strategy 2014-2021.

## **5.4 IOC Manual**

### **India**

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Our delegation thanks Mr. Stefano Belfiore, for the comprehensive presentation on various aspects particularly relating to the revision of IOC Manual. Our delegation is of the view that IOC should

promote category-2 centers for promoting IOC programs in various regions where the host countries would provide the financial resources to run the centers towards promote the IOC related activities in the region. As indicated in the presentation, one of the Partnership Centre is coming up in INCOIS, Hyderabad. We take this opportunity to inform the council that the preparations for the establishment of International Training Centre for Operational Oceanography at INCOIS, Hyderabad is progressing well and we are hoping to inaugurate it soon.

Finally, we agree with the views expressed by the delegation from Thailand on the IOCINDIO.

### **Republic of Korea**

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Republic of Korea believes that guidelines for the establishment of new category regarding the "Partnership Centres" will bring out many in-kind contributions by Member States to the IOC.

But, with regard to the new guidelines for the establishment of partnership centers, we would like to point out that there are no items for "Responsibility and reporting hierarchy" and "Performance evaluation", which you can see the guidelines for decentralized offices. We are concerned about that establishment of partnership centres without any restriction for the activities may lead unclear operation or inactive function.

So, we suggest to add these two items "Responsibility and reporting hierarchy" and "Performance evaluation" to the guidelines for Partnership Centres.

### **Thailand**

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The Thai delegation would like to ask the Secretariat on IOC Network. On the last page of document and the presentation on IOC network, we found that there is a missing of IOCINDIO from the network. As we know IOCINDIO is not active for a long period however IOCINDIO region is one of the biggest area and compose of numerous member states of IOC and is also one of the biggest population. We would like to urge the IOC head office to support and help to re-activate the IOCINDIO in near future.

## ANNEX V

### CHAIR'S SUMMARY SESSION REPORT

(Dr Sang-Kyung BYUN)

*Language versions available at:*

[http://www.ioc-unesco.org/option=com\\_oe&task=viewDocumentRecord&docID=9302](http://www.ioc-unesco.org/option=com_oe&task=viewDocumentRecord&docID=9302)

The Executive Council met in plenary session during three days from 26 to 28 June 2012, considered 19 items on its agenda (of which 11 were substantive) and approved 21 decisions and no resolutions. The plenary meeting was supported by some 11 preparatory meetings held the day preceding the opening of and during this session. Seven information side meetings were held during the session. The 45<sup>th</sup> Session of the IOC Executive Council was opened on Tuesday 26 June 2012 amid concerns for the budget challenges caused by reduced regular budget support from UNESCO.

#### **A session under financial constraints**

In order to maximize time and cost efficiencies, the Executive Secretary urged the Executive Council to work in an abbreviated manner, including streamlining its reporting procedures. The summary Report of the Executive Council will consist of two parts: Decisions approved during the session and available in the working languages of the Commission on the Council website; and a Summary of Technical Items. The Chair's Summary Session Report on the discussions of the Member States will appear as an annex. This Report summarizes the wide ranging discussions of the Member States. The detailed interventions, submitted by delegations, are also recorded in an Annex to the Final Report. These items will be assembled to constitute the final summary report, a practice similar to that used by other UNESCO bodies and proposed by the Secretariat to this Executive Council. The final report will be adopted in coming weeks by correspondence as allowed by IOC Rules of Procedure (XV-48-1).

Following the Chair's Statement on the State of the Commission and the Executive Secretary's Report on Programme Implementation and Report on the Budgetary Situation, the Executive Council congratulated the IOC Chair on his election and the Executive Secretary and the Secretariat on their work in continuing to achieve the objectives of the Commission in the face of financial constraints.

#### **IOC High Level Objectives**

Relative to High Level Objective 1, Prevention and reduction of the impacts of natural hazards, the draft decision on enlarging the Area of Responsibility (AoR) of the Intergovernmental Coordination Group for Tsunami and other Coastal Hazards Warning System for the Caribbean and Adjacent Regions (ICG/CARIBE-EWS) was not accepted. Interventions made by Member States made it clear that this proposal requires analysis of the need and feasibility of such change. Argentina, supported by Brazil, Cuba, Ecuador, Mexico and Peru suggested that a study be made before the decision is taken, at least for the Southern Atlantic. The Secretariat requested that funding be made available through the IOC Special Account toward the requested feasibility study.

In the context of High Level Objective 2, Mitigation of the impacts of, and adaptation to climate change and variability, the Executive Council supported IOC's role in the UN World Ocean Assessment (Regular Process).

The Executive Council also noted a continuing commitment to GOOS and the further development of operational oceanography and sustained observations. The key role of JCOMM

was noted. The Executive Council also emphasized the need for IOC contributions to the success of these programmes.

Concerns were highlighted about the potential permanence of the 'temporary' transfer of staff to other institutions such as WMO, and Member States were encouraged to contribute resources in order to maintain the Commission's capacity and strength in ocean science, services and observations.

The Executive Secretary reaffirmed GOOS as a priority for IOC, and noted the first meeting of the recently created Interim GOOS Steering Committee, held in Paris, from 20 to 22 June. Concerns were expressed about the geographic balance of the new GOOS Steering Committee. The Executive Secretary pointed out that the group was close to geographic balance, exceeded gender balance goals, had an appropriate scientific and technical discipline balance, and most importantly was committed to working with all GOOS Regional Alliances.

The Council agreed that the International Polar Initiative concept document should be presented for the consideration of the Assembly at its 27<sup>th</sup> Session to allow Member States to comment on IOC's role.

The Islamic Republic of Iran expressed the desire to make an in-kind contribution through the creation of support centres for each of IOC's High Level Objectives, wanting to work with IOC, GOOS, IOTWS and other programmes, with a minimum investment of US\$ 1 million.

No particular issues were raised by Member States regarding High Level Objective 3, Safeguarding the health of ocean ecosystems.

In the context of High Level Objective 4, Management procedures and policies leading to the sustainability of coastal and ocean environment and resources, members of the Executive Council noted the activities implemented during the intersessional period, by the three Regional Sub-Commissions (Africa and the Adjacent Island States (IOCAFRICA), Caribbean (IOCARIBE), and Western Pacific (WESTPAC)) and in particular the outcomes of the First Intergovernmental Session of IOCAFRICA (May 2012, in Kenya) and the Ninth Intergovernmental Session of WESTPAC (May 2012, in Republic of Korea).

### **Regional Subsidiary Bodies**

A large number of Member States stressed the important role of the Regional Subsidiary Bodies as a key mechanism and vehicle of IOC for the development and implementation of the IOC programmes and Medium-Term Strategies, and expressed support for their continuous strengthening. Collaboration among the Regional Subsidiary Bodies, such as the proposed exchange programme between IOCAFRICA and WESTPAC, was welcomed as there is a need to further synergize the efforts between IOC Global Programmes and IOC Regional Subsidiary Bodies.

Some Member States were commended for their continued support to regional activities, and in particular the Government of Korea for its financial support for the First Session of the IOC Sub-Commission for Africa and the Adjacent Island States. Nevertheless, Member States are urged to increase their support for the Regional Subsidiary Bodies, including via secondments of experts in IOC Regional offices.

### **Recruitment of the next Executive Secretary**

While considering the process for the recruitment of the next Executive Secretary of the IOC, the Executive Council noted the need to review and update the post announcement to reflect its



functions and the agreed post grade of ADG, common to the United Nations system, and acting at the service of the Commission.

### **On governance**

The Executive Secretary reported on the very successful involvement of the IOC in the RIO+20 United Nations Conference on Sustainable Development which concluded during the week before the 45<sup>th</sup> Session of the Executive Council. The Executive Secretary reported on significant work accomplished since the 26<sup>th</sup> Session of the IOC Assembly, in preparation for Rio+20, including the production of the interagency publication, *A Blueprint for Ocean and Coastal Sustainability*, and participation in several preparatory workshops.

The Executive Secretary described the IOC's participation in Rio+20 noting in particular the three major events directly organized or co-organized by the IOC.

Finally the Executive Secretary reported that the Rio+20 outcome document, contains 18 paragraphs on 'Oceans and Seas', several directly relevant to IOC.

The Rio+20 intergovernmental process will continue as the UN General Assembly formulates Sustainable Development Goals. A specific Ocean Sustainable Development Goal seems to be supported by Member States. With respect to this, the IOC could provide scientific and technical inputs to the SDG process, and has offered a Voluntary Commitment on Capacity Building through its Capacity Development survey and strategy on Marine Science.

There was ample recognition that the IOC played a key role in significantly raising the profile of oceans on the agenda at Rio+20. In the context of the outcome document, Brazil announced two concrete proposals: first, Brazil offered to host the next IOC/PICES/ICES International Symposium on Effects of Climate Change on the World's Oceans in 2015; and second, Brazil announced that it has initiated dialogue with Africa (under ZOPACAS: Zone of Peace and Cooperation of the South Atlantic) to develop new cooperation in marine science in the South Atlantic with the participation of the IOC.

### **Future of the IOC**

There was a substantial debate on Agenda item 4.2 "The Future Needs for Intergovernmental Coordination and Governance for Sustained Observation and Services and the Future of the Commission", as amended by the Council in response to the interest of Member States in the subject. Thirty-three countries requested to serve on a sessional working group which met twice to begin the debate and prepare the decision for this item.

The debate continued during plenary session.

Member States noted that the science of oceanography has evolved and is increasingly expanding into an applied science. This provides societal benefit and is based on sustained observations and services. Even if a definition of "operational oceanography" did not exist, this activity is widely recognized.

Some Member States noted that issues of ocean governance are under the responsibility of the State Parties to the UN Convention on the Law of the Sea and the UN General Assembly. The chair of IOC/ABE-LOS noted that IOC could refer issues outside of its mandate and areas of competence to the UN General Assembly through their annual resolution on ocean affairs and the Law of the Sea.

Many Member States expressed the need for IOC to continue discussion, in particular to identify the scientific and technical issues related to sustained ocean observations and services in IOC's areas of mandate and competence, and to be proactive in working to reaffirm its leadership in

operational oceanography. After long discussion there was consensus on a decision to establish an intersessional consultation that would work by correspondence to identify these issues.

A number of Member States felt that this consultation should take place in the context of a parallel process defining the new Medium-Term Strategy of IOC, and touched on questions related to the future of the Commission within the UN system.

Several Member States recommended further action to reduce barriers to observations and data exchange in regional seas through regional or bilateral agreements.

### **Partnerships**

The Secretariat presented an overview of the IOC's network of regionally distributed offices and a proposed revision of the guidelines for the establishment of decentralised offices (IOC/INF-1193) with the addition of "partnership centres". Partnership centres would share characteristics with UNESCO Category II centres at the IOC level, and would be established as in-kind contributions by Member States to underpin technical needs of international IOC programmes.

The idea of partnership centres was welcomed but further work was deemed necessary to address in a more comprehensive way issues concerning requirements, establishment procedures, reporting, and renewal methods.

The Secretariat was tasked to pursue intersessionally the definition of guidelines for partnership centres, in consultation with the Officers and Member States as appropriate, and to present these results at the Assembly at its 27th Session.

On the offer of the National Oceanographic Committee of the Russian Federation to establish a facility in Obninsk to support the IODE Ocean Data Portal development, Member States recognized the importance of the IODE Ocean Data Portal as a mechanism to promote and facilitate the exchange of and access to oceanographic data, as well as a mechanism for interoperability between similar data systems, such as the WMO's WIS. Noting that the operation of IODE will require substantial human resources, Member States welcomed this offer. The Secretariat pointed out that some institutional issues need further clarification in view of establishing the proposed centre for Ocean Data Portal as a partnership centre of IOC.

### **Consultative Bodies**

Discussions on IOC/ABE-LOS took place during two parallel meetings in addition to the discussion in plenary session. Prof. Adoté Blim Blivi, IOC Vice-Chair, presented (i) the deliberations of the intersessional working group and (ii) the IOC/ABE-LOS Review and the analysis of the Questionnaire on the IOC Advisory Body of Experts on Law of the Sea.

Most Member States recognized that IOC/ABE-LOS had shown its ability to provide advice and had produced a number of guiding documents, although these were not being fully utilized for the advancement of marine scientific research.

The Executive Council discussed ways for IOC/ABE-LOS to operate and suggested that the setting up of ad hoc task teams for discussing new issues could be one method of working; IOC/ABE-LOS could also provide a platform for experts from different disciplines to discuss ways of addressing marine scientific research.

The Executive Council agreed that IOC/ABE-LOS should continue its work focused on priorities as tasked by IOC.

The Assembly at its 26<sup>th</sup> Session (Paris, 2011), by Decision 8.1 requested the Executive Secretary to reconvene the ad hoc Advisory Group for the IOC Ocean Sciences Section to help in the preparation of the next Medium-term Strategy (2014–2021) and the prioritization of the OSS activities.

Dr Atanas Palazov, Vice Chair of IOC and Chair of the ad hoc Advisory Group for Ocean Sciences, reported on the main elements and conclusions delivered by the Advisory Group: strategic context, overall scientific strategic priorities, barriers and implementation pillars.

Member States expressed support for and satisfaction with the vision and general content of the Advisory Group's report, stressing its aspirational approach and considering the report as a valuable document for future IOC planning. Discussion took place on ways to reinforce the recommendations of the Advisory Group and about the steps to be taken to develop a workplan in agreement with the IOC Medium-term Strategy still under development.

Prof. Peter Haugan, Vice-Chair of IOC and Chair of the Programme and Budget and the Financial Committee, presented the report of that committee and the decisions resulting from its four meetings as well as one from the Intersessional Financial Advisory Group and Working Group on Medium-term Strategy. The decisions were made available on-line in all languages and were adopted with little debate in plenary session. The report of Prof. Haugan will be annexed to the full report.

An intersessional group to advise on the revised text of the Guidelines for Draft Resolutions met and submitted revised guidelines and one decision. The Executive Council agreed to use the seventh draft revised Guidelines annexed to the decision on an experimental basis, and requested the Assembly to examine the Guidelines with a view to adopt them in the Assembly at its 27<sup>th</sup> Session.

### **Next Governing Body sessions**

Given the present financial difficulties, the Executive Council decided that the 27<sup>th</sup> Session of the Assembly should have a duration shorter than decided by the Assembly at its 26<sup>th</sup> Session (26 June–9 July 2013). The 27<sup>th</sup> Assembly will start on 25 June 2013, with the Executive Council at its 46<sup>th</sup> Session acting as the Steering Committee of the Assembly and meeting on 24 June.

The Executive Secretary and the Officers will explore options for raising resources to organize the session with duration commensurate to the needs of the items on the agenda.

Although the possibility for any IOC Member State to host a session of the IOC governing bodies was reminded by the Executive Secretary, some Member States noted their preference for holding the session in Paris.

### **Report of the session**

To conclude with the adoption of the report, it is unfortunate that this agenda item was delayed until after the interpreters were dismissed due to the unexpected duration of previous discussions.

Pursuant to Rule of Procedure 48, the Executive Council decided that this summary of the discussion, after being reviewed by the Chair and the Rapporteur, would be circulated by the Executive Secretary to all attendees of the session within two weeks and approved by heads of IOC Delegations to this Council by correspondence. The decisions approved during the session are available on line in all IOC languages and will be compiled in the final report.

The summary report of the session will be completed in final form by the Secretariat, taking into account the comments received concerning the draft. The summary report will include the following sections:

- The procedural report for each item on the agenda inclusive of the decisions taken and the names of Member States which provided a national statement
- Annex: Agenda
- Annex: The Chair's summary of the discussion (this report)
- Annex: Member States interventions (in the original language)
- Annex: The report of the Chair of the Financial Committee if available (in the original language)
- Annex: The closing speech of the Director-General
- Annex: List of documents
- Annex: List of participants
- Annex: List of acronyms

Ms Irina Bokova, Director-General of UNESCO concluded the session by reiterating her strong support for the IOC and emphasizing that IOC programmes are important to all UNESCO goals. She made a strong call for action to the Member States in this difficult time for UNESCO and the IOC.

In concluding I should like to express sincere gratitude to the members of the Council and the IOC Secretariat for supporting me in the performance of my duties as Chairperson and for working genuinely in a spirit of consensus and dialogue albeit many changes in our proceedings. Allow me to pay tribute also to the Vice-chairs who supported the Council throughout these proceedings and Frederico A. Saraiva Nogueira in particular for his role as rapporteur for this session.

The 45th Session of the Executive Council was closed at 18:25 on 28 June 2012.

## ANNEX VI

## LIST OF DOCUMENTS

Document Code	Title	Agenda Items	Languages available
<b>WORKING DOCUMENTS</b>			
IOC/EC-XLV/1 Prov.	Provisional Agenda	2.1	E F R S
IOC/EC-XLV/1 Add. Prov.	Provisional Timetable	2.4	E only
IOC/EC-XLV/2 Prov. Rev.	Revised Provisional Annotated Agenda	2.1	E F R S
IOC/EC-XLV/4 Prov. Rev.	Revised List of Documents ( <i>This document</i> )	2.4	E F R S
IOC/EC-XLV/2 Annex 1	Statement of the Chair on the State of the Commission	3.1	E F R S
IOC/EC-XLV/2 Annex 2	Report of the Executive Secretary on Programme Implementation	3.2	E F R S
IOC/EC-XLV/2 Annex 2 Add.	Resolution Implementation Report	3.2	E only
IOC/EC-XLV/2 Annex 3	Report on Budget Execution 2010-2011 and Anticipated Funding for 2012	3.2	E F R S
<i>IOC/EC-XLV/2 Annex 4</i>	<i>(not attributed. See document IOC/EC-XXXIX/2 Annex 5)</i>	--	--
IOC/EC-XLV/2 Annex 5	The Future Needs for Intergovernmental Coordination and Governance for Sustained Ocean Observations & Services	4.2	E F R S
IOC/EC-XLV/2 Annex 6 Rev.	Centre for the Ocean Data Portal	4.2.1	E F R S
IOC/EC-XLV/2 Annex 7	Review of IOC/ABE-LOS	4.3	E F R S
IOC/EC-XLV/2 Annex 8	Status of IOC Budget and Priority Funding Plan for 2012–2013	5.1	E F R S
IOC/EC-XLV/2 Annex 9	Draft IOC Medium-Term Strategy for 2014–2021	5.2	E F R S
IOC/EC-XLV/2 Annex 10	Sixth Draft Revised Guidelines for the Preparation and Consideration of Resolutions, Decisions and Recommendations	5.3	E F R S
IOC/EC-XLV/2 Annex 11	Proposal for the Revision of the IOC Manual IOC/INF-1193, Section 2	5.4	E F R S
<b>REPORTS OF IOC AND COOPERATIVE BODIES REQUIRING ACTION</b>			
ICG/CARIBE EWS-VII/3s	Executive Summary Report of the 7th Session of the Intergovernmental Coordination Group for the Tsunami and Other Coastal Hazards Warning System for the Caribbean and Adjacent Regions (ICG/CARIBE-EWS-VII), 2–4 April 2012, Curacao	3.2	E F R S

Document Code	Title	Agenda Items	Languages available
ICG/NEAMTWS-VIII/3s	Executive Summary Report of the 8th Session of the Intergovernmental Coordination Group for the Tsunami Early Warning and Mitigation System in the North-eastern Atlantic, the Mediterranean and connected seas (ICG/NEAMTWS) (Santander, Spain, 22–24 November 2011)	3.2	E only
TOWS-WG-V/3s	Executive Summary Report of the 5th Session of the Working Group on Tsunamis and Other Hazards Related to Sea-Level Warning and Mitigation Systems, 15 February 2012, Tokyo, Japan	3.2	E (Ex. Sum. In E F R S)
IOCAFRICA-I/3s	Executive Summary Report of the 1st Session of the IOC Sub-Commission for Africa and the Adjacent Island States (IOCAFRICA-I), 2–3 May 2012, Nairobi, Kenya	3.2	E F R S
WESTPAC-IX/3s	Executive Summary Report of the 9th Session of the IOC Sub-Commission for the Western Pacific (WESTPAC-IX), 9–12 May 2012, Busan, Republic of Korea	3.2	E only
IOC/GOOS-SC-I/3s	Executive Summary Report of the 1st Session of the Steering Committee of the Global Ocean Observing System, Paris, France, 20–22 June 2012 ( <i>available at the Session</i> )	3.2	E F R S
WMO-IOC/JCOMM-IV/3s	Executive Summary Report of the 4th Session of the WMO-IOC Joint Technical Commission for Oceanography and Marine Meteorology, Yeosu, Republic of Korea, 23–31 May 2012), ( <i>available at the Session</i> )	3.2	E F R S
IOC Workshop Report, 250	The Future of IOC toward next 10 years and its implication for Member, 19 March 2012, Varna, Bulgaria	4.2	E F R S

## INFORMATION DOCUMENTS

IOC/INF-1292	IOC Contribution to the Rio+20 Process and Follow-up	4.1	E only
IOC/INF-1291	Short Technical Report Scoping Operational Oceanography Meeting of the IOC Officers 1 February 2012	4.2	E only
IOC/INF-1293	Review of IOC/ABE-LOS - Analysis of the Questionnaire on the IOC Advisory Body of Experts on Law of the Sea (IOC/ABE-LOS) – December 2011	4.3	E only
IOC/INF-1294	Report of the Ad hoc Advisory Group on Ocean Sciences Section	4.4	E only
IOC/INF-1295	IOC/ICAM Plan of Action for Regional and Global Implementation	4.4	E only

<b>Document Code</b>	<b>Title</b>	<b>Agenda Items</b>	<b>Languages available</b>
IOC/IFAG-2012-1	Status of IOC Budget from All Sources under the Reduced Regular Budget Envelope and Implementation of the Programme for 2012–2013	5.1	E only
IOC/INF-1280	Towards a Medium-Term Strategy for 2014–2019 Perspectives from the Secretariat	5.2	E only
<b>BACKGROUND DOCUMENTS</b>			
IOC/EC-XXXIX/2 Annex 5	Proposed Clarifications for Consultations with the Director-General on the Appointment of the Secretary IOC	3.2	E F R S
IOC/Future-I/3	IOC Working Group on the Future of IOC First Session, UNESCO Headquarters, Paris, France, 19–20 February 2008	4.2	E (Ex. Sum. in E F R S)
IOC/INF-1283	Draft IOC Fundraising Strategy	5.1	E only
IOC/INF-1193	Guidelines for the Establishment of Decentralized Offices	5.4	E only

ANNEX VII

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**A – ICSPRO Agencies**

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ANNEX VIII

**ACRONYMS**

<b>Acronym</b>	<b>Title</b>
ABE-LOS	Advisory Body of Experts on the Law of the Sea [IOC]
ADG	Assistant Director-General
C/4	UNESCO's six-year Medium-Term Strategy
C/5	UNESCO's two-year Programme and Budget
CARIBE-EWS	Tsunami and other Coastal Hazards Warning System for the Caribbean and Adjacent Regions
CD	Capacity Development (IOC programmatic section)
DG	Director-General [UNESCO]
EB	Extrabudgetary (fund)
EC	Executive Council [IOC]
EEZ	Exclusive Economic Zone
GEF	Global Environment Facility [World Bank-UNEP-UNDP]
GEOHAB	International Science Programme on the Global Ecology and Oceanography of Harmful Algal Blooms
GOOS	Global Ocean Observing System
HAB	Harmful Algal Blooms
HLO	High Level Objective [UNESCO]
IAPSO	International Association for the Physical Sciences of the Ocean
ICAM	Integrated Coastal Area Management Programme
ICES	International Council for the Exploration of the Sea
ICG	Intergovernmental Coordination Group [tsunami governance – IOC]
ICSU	International Council for Science
IFAG	Intersessional Financial Advisory Group [IOC]
IOC/INF-	Information Document reference [IOC]
IOCAFRICA	IOC Sub-Commission for Africa and the Adjacent Island States
ICSPRO	Inter-secretariat Committee on Scientific Programmes Relating to Oceanography
INIO	Iranian National Institute for Oceanography
IOCINDIO	IOC Regional Committee for the Central Indian Ocean
IODE	International Oceanographic Data and Information Exchange
IOTWS	Indian Ocean Tsunami Warning and Mitigation System
IPHAB	Intergovernmental Panel on Harmful Algal Blooms
IPI	International Polar Initiative
IUGG	International Union of Geodesy and Geophysics
JCOMM	Joint Technical Commission for Oceanography and Marine Meteorology [WMO-IOC]

LME	Large Marine Ecosystems
NEAMTWS	Tsunami Early Warning and Mitigation System in the North-Eastern Atlantic, the Mediterranean and Connected Seas
NODC	National Oceanographic Data Centre
OBIS	Ocean Biogeographic Information System
OCEATLAN	Regional Alliance for the Upper Southwest and the Tropical Atlantic
ODA	Overseas Development Administration
ODP	Ocean Data Portal
PG-GOOS	Persian Gulf & Gulf of Oman Oceanographic Survey and Study
PICES	North Pacific Marine Science Organization
PMO	Port Meteorological Officer
RIHMI	All-Russian Research Institute of Hydrometeorological Information
RNODC	Responsible National Oceanographic Data Centre
RTSP	Regional Tsunami Service Providers
SC	Steering Committee
SCOR	Scientific Committee on Oceanic Research
SDG	Sustainable development goal
SIDS	Small Island Developing States
TOWS-WG	Working Group on Tsunamis and Other Hazards related to Sea-Level Warning and Mitigation Systems [IOC]
UN	United Nations
UNESCO	United Nations Educational, Scientific and Cultural Organization
WDC	World Data Centre
WESTPAC	IOC Sub-Commission for the Western Pacific
WMO	World Meteorological Organization
ZOPACAS	Zone of Peace and Cooperation of the South Atlantic

In this Series	Languages
<b>Reports of Governing and Major Subsidiary Bodies</b> , which was initiated at the beginning of 1984, the reports of the following meetings have already been issued:	
1. Eleventh Session of the Working Committee on international Oceanographic Data Exchange	E, F, S, R
2. Seventeenth Session of the Executive Council	E, F, S, R, Ar
3. Fourth Session of the Working Committee for Training, Education and Mutual Assistance	E, F, S, R
4. Fifth Session of the Working Committee for the Global Investigation of Pollution in the Marine Environment	E, F, S, R
5. First Session of the IOC Sub-Commission for the Caribbean and Adjacent Regions	E, F, S
6. Third Session of the <i>ad hoc</i> Task team to Study the Implications, for the Commission, of the UN Convention on the Law of the Sea and the New Ocean Regime	E, F, S, R
7. First Session of the Programme Group on Ocean Processes and Climate	E, F, S, R
8. Eighteenth Session of the Executive Council	E, F, S, R, Ar
9. Thirteenth Session of the Assembly	E, F, S, R, Ar
10. Tenth Session of the International Co-ordination Group for the Tsunami Warning System in the Pacific	
11. Nineteenth Session of the Executive Council, Paris, 1986	E, F, S, R, Ar
12. Sixth Session of the IOC Scientific Committee for the Global Investigation of Pollution in the Marine Environment	E, F, S
13. Twelfth Session of the IOC Working Committee on International Oceanographic Data Exchange	E, F, S, R
14. Second Session of the IOC Sub-Commission for the Caribbean and Adjacent Regions, Havana, 1986	E, F, S
15. First Session of the IOC Regional Committee for the Central Eastern Atlantic, Praia, 1987	E, F, S
16. Second Session of the IOC Programme Group on Ocean Processes and Climate	E, F, S
17. Twentieth Session of the Executive Council, Paris, 1987	E, F, S, R, Ar
18. Fourteenth Session of the Assembly, Paris, 1987	E, F, S, R, Ar
19. Fifth Session of the IOC Regional Committee for the Southern Ocean	E, F, S, R
20. Eleventh Session of the International Co-ordination Group for the Tsunami Warning System in the Pacific, Beijing, 1987	E, F, S, R
21. Second Session of the IOC Regional Committee for the Co-operative Investigation in the North and Central Western Indian Ocean, Arusha, 1987	E, F
22. Fourth Session of the IOC Regional Committee for the Western Pacific, Bangkok, 1987	E only
23. Twenty-first Session of the Executive Council, Paris, 1988	E, F, S, R
24. Twenty-second Session of the Executive Council, Paris, 1989	E, F, S, R
25. Fifteenth Session of the Assembly, Paris, 1989	E, F, S, R
26. Third Session of the IOC Committee on Ocean Processes and Climate, Paris, 1989	E, F, S, R
27. Twelfth Session of the International Co-ordination Group for the Tsunami Warning System in the Pacific, Novosibirski, 1989	E, F, S, R
28. Third Session of the Sub-Commission for the Caribbean and Adjacent Regions, Caracas, 1989	E, S
29. First Session of the IOC Sub-Commission for the Western Pacific, Hangzhou, 1990	E only
30. Fifth Session of the IOC Regional Committee for the Western Pacific, Hangzhou, 1990	E only
31. Twenty-third Session of the Executive Council, Paris, 1990	E, F, S, R
32. Thirteenth Session of the IOC Committee on International Oceanographic Data and Information Exchange, New York, 1990	E only
33. Seventh Session of the IOC Committee for the Global Investigation of Pollution in the Marine Environment, Paris, 1991	E, F, S, R
34. Fifth Session of the IOC Committee for Training, Education and Mutual Assistance in Marine Sciences, Paris, 1991	E, F, S, R
35. Fourth Session of the IOC Committee on Ocean Processes and Climate, Paris, 1991	E, F, S, R
36. Twenty-fourth Session of the Executive Council, Paris, 1991	E, F, S, R
37. Sixteenth Session of the Assembly, Paris, 1991	E, F, S, R, Ar
38. Thirteenth Session of the International Co-ordination Group for the Tsunami Warning System in the Pacific, Baja California, 1991	E, F, S, R
39. Second Session of the IOC-WMO Intergovernmental WOCE Panel, Paris, 1992	E only
40. Twenty-fifth Session of the Executive Council, Paris, 1992	E, F, S, R
41. Fifth Session of the IOC Committee on Ocean Processes and Climate, Paris, 1992	E, F, S, R
42. Second Session of the IOC Regional Committee for the Central Eastern Atlantic, Lagos, 1990	E, F
43. First Session of the Joint IOC-UNEP Intergovernmental Panel for the Global Investigation of Pollution in the Marine Environment, Paris, 1992	E, F, S, R
44. First Session of the IOC-FAO Intergovernmental Panel on Harmful Algal Blooms, Paris, 1992	E, F, S
45. Fourteenth Session of the IOC Committee on International Oceanographic Data and Information Exchange, Paris, 1992	E, F, S, R
46. Third Session of the IOC Regional Committee for the Co-operative Investigation in the North and Central Western Indian Ocean, Vascoas, 1992	E, F
47. Second Session of the IOC Sub-Commission for the Western Pacific, Bangkok, 1993	E only
48. Fourth Session of the IOC Sub-Commission for the Caribbean and Adjacent Regions, Veracruz, 1992	E, S
49. Third Session of the IOC Regional Committee for the Central Eastern Atlantic, Dakar, 1993	E, F
50. First Session of the IOC Committee for the Global Ocean Observing System, Paris, 1993	E, F, S, R
51. Twenty-sixth Session of the Executive Council, Paris, 1993	E, F, S, R
52. Seventeenth Session of the Assembly, Paris, 1993	E, F, S, R
53. Fourteenth Session of the International Co-ordination Group for the Tsunami Warning System in the Pacific, Tokyo, 1993	E, F, S, R
54. Second Session of the IOC-FAO Intergovernmental Panel on Harmful Algal Blooms, Paris, 1993	E, F, S
55. Twenty-seventh Session of the Executive Council, Paris, 1994	E, F, S, R
56. First Planning Session of the IOC-WMO-UNEP Committee for the Global Ocean Observing System, Melbourne, 1994	E, F, S, R
57. Eighth Session of the IOC-UNEP-IMO Committee for the Global Investigation of Pollution in the Marine Environment, San José, Costa Rica, 1994	E, F, S
58. Twenty-eighth Session of the Executive Council, Paris, 1995	E, F, S, R
59. Eighteenth Session of the Assembly, Paris, 1995	E, F, S, R
60. Second Session of the IOC-WMO-UNEP Committee for the Global Ocean Observing System, Paris, 1995	E, F, S, R

61.	Third Session of the IOC-WMO Intergovernmental WOCE Panel, Paris, 1995	E only
62.	Fifteenth Session of the International Co-ordination Group for the Tsunami Warning System in the Pacific, Papete, 1995	E, F, S, R
63.	Third Session of the IOC-FAO Intergovernmental Panel on Harmful Algal Blooms, Paris, 1995	E, F, S
64.	Fifteenth Session of the IOC Committee on International Oceanographic Data and Information Exchange	E, F, S, R
65.	Second Planning Session of the IOC-WMO-UNEP Committee for the Global Ocean Observing System, Paris, 1995	E only
66.	Third Session of the IOC Sub-Commission for the Western Pacific, Tokyo, 1996	E only
67.	Fifth Session of the IOC Sub-Commission for the Caribbean and Adjacent Regions, Christ Church, 1995	E, S
68.	Intergovernmental Meeting on the IOC Black Sea Regional Programme in Marine Sciences and Services	E, R
69.	Fourth Session of the IOC Regional Committee for the Central Eastern Atlantic, Las Palmas, 1995	E, F, S
70.	Twenty-ninth Session of the Executive Council, Paris, 1996	E, F, S, R
71.	Sixth Session for the IOC Regional Committee for the Southern Ocean and the First Southern Ocean Forum, Bremerhaven, 1996	E, F, S,
72.	IOC Black Sea Regional Committee, First Session, Varna, 1996	E, R
73.	IOC Regional Committee for the Co-operative Investigation in the North and Central Western Indian Ocean, Fourth Session, Mombasa, 1997	E, F
74.	Nineteenth Session of the Assembly, Paris, 1997	E, F, S, R
75.	Third Session of the IOC-WMO-UNEP Committee for the Global Ocean Observing System, Paris, 1997	E, F, S, R
76.	Thirtieth Session of the Executive Council, Paris, 1997	E, F, S, R
77.	Second Session of the IOC Regional Committee for the Central Indian Ocean, Goa, 1996	E only
78.	Sixteenth Session of the International Co-ordination Group for the Tsunami Warning System in the Pacific, Lima, 1997	E, F, S, R
79.	Thirty-first Session of the Executive Council, Paris, 1998	E, F, S, R
80.	Thirty-second Session of the Executive Council, Paris, 1999	E, F, S, R
81.	Second Session of the IOC Black Sea Regional Committee, Istanbul, 1999	E only
82.	Twentieth Session of the Assembly, Paris, 1999	E, F, S, R
83.	Fourth Session of the IOC-WMO-UNEP Committee for the Global Ocean Observing System, Paris, 1999	E, F, S, R
84.	Seventeenth Session of the International Coordination Group for the Tsunami Warning System in the Pacific, Seoul, 1999	E, F, S, R
85.	Fourth Session of the IOC Sub-Commission for the Western Pacific, Seoul, 1999	E only
86.	Thirty-third Session of the Executive Council, Paris, 2000	E, F, S, R
87.	Thirty-fourth Session of the Executive Council, Paris, 2001	E, F, S, R
88.	Extraordinary Session of the Executive Council, Paris, 2001	E, F, S, R
89.	Sixth Session of the IOC Sub-Commission for the Caribbean and Adjacent Regions, San José, 1999	E only
90.	Twenty-first Session of the Assembly, Paris, 2001	E, F, S, R
91.	Thirty-fifth Session of the Executive Council, Paris, 2002	E, F, S, R
92.	Sixteenth Session of the IOC Committee on International Oceanographic Data and Information Exchange, Lisbon, 2000	E, F, S, R
93.	Eighteenth Session of the International Coordination Group for the Tsunami Warning System in the Pacific, Cartagena, 2001	E, F, S, R
94.	Fifth Session of the IOC-WMO-UNEP Committee for the Global Ocean Observing System, Paris, 2001	E, F, S, R
95.	Seventh Session of the IOC Sub-commission for the Caribbean and Adjacent Regions (IOCARIBE), Mexico, 2002	E, S
96.	Fifth Session of the IOC Sub-Commission for the Western Pacific, Australia, 2002	E only
97.	Thirty-sixth Session of the Executive Council, Paris, 2003	E, F, S, R
98.	Twenty-second Session of the Assembly, Paris, 2003	E, F, S, R
99.	Fifth Session of the IOC Regional Committee for the Co-operative Investigation in the North and Central Western Indian Ocean, Kenya, 2002 (* Executive Summary available separately in E, F, S & R)	E*
100.	Sixth Session of the IOC Intergovernmental Panel on Harmful Algal Blooms, St. Petersburg (USA), 2002 (* Executive Summary available separately in E, F, S & R)	E*
101.	Seventeenth Session of the IOC Committee on International Oceanographic Data and Information Exchange, Paris, 2003 (* Executive Summary available separately in E, F, S & R)	E*
102.	Sixth Session of the IOC-WMO-UNEP Committee for the Global Ocean Observing System, Paris, 2003 (* Executive Summary available separately in E, F, S & R)	E*
103.	Nineteenth Session of the International Coordination Group for the Tsunami Warning System in the Pacific, Wellington, New Zealand, 2003 (* Executive Summary available separately in E, F, S & R)	E*
104.	Third Session of the IOC Regional Committee for the Central Indian Ocean, Tehran, Islamic Republic of Iran, 21-23 February 2000	E only
105.	Thirty-seventh Session of the Executive Council, Paris, 2004	E, F, S, R
106.	Seventh Session of the IOC-WMO-UNEP Committee for the Global Ocean Observing System, Paris, 2005 (* Executive Summary available separately in E, F, S & R); and Extraordinary Session, Paris, 20 June 2005	E*
107.	First Session of the Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWS), Perth, Australia, 3-5 August 2005	E only
108.	Twentieth Session of the Intergovernmental Coordination Group for the Tsunami Warning System in the Pacific, Viña del Mar, Chile, 3-7 October 2005 (* Executive Summary available separately in E, F, S & R)	E*
109.	Twenty-Third Session of the Assembly, Paris, 21-30 June 2005	E, F, S, R
110.	First Session of the Intergovernmental Coordination Group for the Tsunami Early Warning and Mitigation System in the North Eastern Atlantic, the Mediterranean and Connected Seas (ICG/NEAMTWS), Rome, Italy, 21-22 November 2005	E only
111.	Eighth Session of the IOC Sub-commission for the Caribbean and Adjacent Regions (IOCARIBE), Recife, Brazil, 14-17 April 2004 (* Executive Summary available separately in E, F, S & R)	E*
112.	First Session of the Intergovernmental Coordination Group for the Tsunami and other Coastal Hazards Warning System for the Caribbean Sea and Adjacent Regions (ICG/CARIBE-EWS), Bridgetown, Barbados, 10-12 January 2006	E only
113.	Ninth Session of the IOC Sub-Commission for the Caribbean and Adjacent Regions (IOCARIBE), Cartagena de Indias, Colombia, 19-22 April 2006 (* Executive Summary available separately in E, F, S & R)	E S*

114.	Second Session of the Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWS), Hyderabad, India, 14–16 December 2005	E only
115.	Second Session of the WMO-IOC Joint Technical Commission for Oceanography and Marine Meteorology, Halifax, Canada, 19–27 September 2005 (Abridged final report with resolutions and recommendations)	E, F, R, S
116.	Sixth Session of the IOC Regional Committee for the Western Indian Ocean (IOCWIO), Maputo, Mozambique, 2–4 November 2005 (* Executive Summary available separately in E, F, S & R)	E*
117.	Fourth Session of the IOC Regional Committee for the Central Indian Ocean, Colombo, Sri Lanka 8–10 December 2005 (* Executive Summary available separately in E, F, S & R)	E*
118.	Thirty-eighth Session of the Executive Council, Paris, 20 June 2005 (Electronic copy only)	E, F, R, S
119.	Thirty-ninth Session of the Executive Council, Paris, 21–28 June 2006	E, F, R, S
120.	Third Session of the Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWS), Bali, Indonesia, 31 July–2 August 2006 (*Executive Summary available separately in E,F,S & R)	E*
121.	Second Session of the Intergovernmental Coordination Group for the Tsunami Early Warning and Mitigation System in the North Eastern Atlantic, the Mediterranean and Connected Seas (ICG/NEAMTWS), Nice, France, 22–24 May 2006	E only
122.	Seventh Session of the IOC Intergovernmental Panel on Harmful Algal Blooms, Paris, France, 16–18 March 2005 (* Executive Summary available separately in E, F, S & R)	E*
123.	Fourth Session of the Intergovernmental Coordination Group for the Indian Ocean Tsunami Warning and Mitigation System (ICG/IOTWS-IV), Mombasa, Kenya, 30 February-2 March 2007 (* Executive Summary available separately in E, F, S & R)	E*
124.	Nineteenth Session of the IOC Committee on International Oceanographic Data and Information Exchange, Trieste, Italy, 12–16 March 2007 (* Executive Summary available separately in E, F, S & R)	E*
125.	Third Session of the Intergovernmental Coordination Group for the Tsunami Early Warning and Mitigation System in the North Eastern Atlantic, the Mediterranean and Connected Seas, Bonn, Germany, 7–9 February 2007 (* Executive Summary available separately in E, F, S & R)	E*
126.	Second Session of the Intergovernmental Coordination Group for the Tsunami and other Coastal Hazards Warning System for the Caribbean Sea and Adjacent Regions, Cumaná, Venezuela, 15–19 January 2007 (* Executive Summary available separately in E, F, S & R)	E*
127.	Twenty-first Session of the Intergovernmental Coordination Group for the Pacific Tsunami Warning and Mitigation System, Melbourne, Australia, 3–5 May 2006 (* Executive Summary available separately in E, F, S & R)	E*
128.	Twenty-fourth Session of the Assembly, Paris, 19–28 June 2007	E, F, S, R
129.	Fourth Session of the Intergovernmental Coordination Group for the Tsunami Early Warning and Mitigation System in the North Eastern Atlantic, the Mediterranean and Connected Seas, Lisbon, Portugal, 21–23 November 2007 (* Executive Summary available separately in E, F, S & R)	E*
130.	Twenty-second Session of the Intergovernmental Coordination Group for the Pacific Tsunami Warning and Mitigation System, Guayaquil, Ecuador, 17–21 September 2007 (* Executive Summary available in E, F, S & R included)	E*
131.	Forty-first Session of the Executive Council, Paris, 24 June–1 July 2008	E, F, R, S
132.	Third Session of the Intergovernmental Coordination Group for the Tsunami and other Coastal Hazards Warning System for the Caribbean Sea and Adjacent Regions, Panama City, Panama, 12–14 March 2008 (* Executive Summary available separately in E, F, S & R)	E*
133.	Eighth Session of the IOC Intergovernmental Panel on Harmful Algal Blooms, Paris, France, 17–20 April 2007 (* Executive Summary available separately in E, F, S & R)	E*
134.	Twenty-third Session of the Intergovernmental Coordination Group for the Pacific Tsunami Warning and Mitigation System, Apia, Samoa, 16–18 February 2009 (*Executive Summary available separately in E, F, S & R)	E*
135.	Twentieth Session of the IOC Committee on International Oceanographic Data and Information Exchange, Beijing, China, 4–8 May 2009 (*Executive Summary available separately in E, F, S & R)	E*
136.	Tenth Session of the IOC Sub-Commission for the Caribbean and Adjacent Regions (IOCARIBE), Puerto La Cruz, Bolivarian Republic of Venezuela, 22–25 October 2008 (*Executive Summary available separately in E, F, S & R)	E, S*
137.	Seventh Session of the IOC Sub-Commission for the Western Pacific (WESTPAC-VII), Sabah, Malaysia, 26–29 May 2008 (*Executive Summary available separately in E, F, S & R)	E*
138.	Ninth Session of the IOC-WMO-UNEP Committee for the Global Ocean Observing System, Paris, France, 10–12 June 2009 (* Executive Summary available separately in E, F, S & R);	E*
139.	Fifth Session of the Intergovernmental Coordination Group for the Tsunami Early Warning and Mitigation System in the North Eastern Atlantic, the Mediterranean and Connected Seas, Athens, Greece, 3–5 November 2008 (* Executive Summary available separately in E, F, S & R)	E*
140.	Fourth Session of the Intergovernmental Coordination Group for the Tsunami and other Coastal Hazards Warning System for the Caribbean Sea and Adjacent Regions, Fort-de-France, Martinique, France, 2–4 June 2009 (* Executive Summary available separately in E, F, S & R)	E*
141.	Twenty-fifth Session of the Assembly, Paris, 16–25 June 2009	E, F, R, S
142.	Third Session of the Joint WMO-IOC Technical Commission for Oceanography and Marine Meteorology, Marrakesh, Morocco, 4–11 November 2009	E, F, R, S
143.	Ninth Session of the IOC Intergovernmental Panel on Harmful Algal Blooms, Paris, France, 22–24 April 2009 (* Executive Summary available separately in E, F, S & R)	E*
144.	Fifth Session of the Intergovernmental Coordination Group for the Tsunami and other Coastal Hazards Warning System for the Caribbean Sea and Adjacent Regions, Managua, Nicaragua, 15–17 March 2010 (* Executive Summary available in E, F, S & R)	E*
145.	Sixth Session of the IOC Regional Committee for the Central and Eastern Atlantic Ocean, Accra, Ghana, 28–30 March 2010 (* Executive Summary available in E, F, S & R)	E*
146.	Forty-second Session of the Executive Council; Paris, 15, 19 & 20 June 2009	E, F, R, S
147.	Forty-third Session of the Executive Council; Paris, 8–16 June 2010	E, F, R, S
148.	Sixth Session of the Intergovernmental Coordination Group for the Tsunami Early Warning and Mitigation System in the North Eastern Atlantic, the Mediterranean and Connected Seas, Istanbul, Turkey, 11–13 November 2009 (* Executive Summary available separately in Ar, E, F, S & R)	E*
149.	Seventh Session of the Intergovernmental Coordination Group for the Tsunami Early Warning and Mitigation System in the North Eastern Atlantic, the Mediterranean and Connected Seas, Paris, France, 23–25 November 2010 (* Executive Summary available separately in Ar, E, F, S & R)	E*
150.	Sixth Session of the Intergovernmental Coordination Group for the Tsunami and other Coastal Hazards Warning System for the Caribbean Sea and Adjacent Regions, Santo Domingo, Dominican Republic, 26–29 April 2011 (* Executive Summary available in E, F, S & R)	E*



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| <b>151.</b> | Twenty-fourth Session of the Intergovernmental Coordination Group for the Pacific Tsunami Warning and Mitigation System, Beijing, China, 24–27 May 2011 (*Executive Summary in E, F, S & R included) | E* |
| <b>152.</b> | Twenty-first Session of the IOC Committee on International Oceanographic Data and Information Exchange, Liège, Belgium, 23–26 March 2011 (*Executive Summary available separately in E, F, S & R)    | E* |
| <b>153.</b> | Eighth Session of the IOC Sub-Commission for the Western Pacific (WESTPAC-VIII), Bali, Indonesia, 10–13 May 2010 (*Executive Summary available separately in E, F, S & R)                            | E* |
| <b>154.</b> | Tenth IOC Intergovernmental Panel on Harmful Algal Blooms, Paris, France, 12–14 April 2011 (* Executive Summary available separately in E, F, S & R)   | E* |
| <b>155.</b> | Forty-fifth Session of the Executive Council, Paris, 26–28 June 2012 (* Decisions available in E, F, S & R)  | E* |