Agenda item 12 – IALA CONFERENCES AND SYMPOSIA

12.1   IALA Conference 2014

12.1.1 Documents to note

12.1.1 Report of the 7th Conference Steering Committee meeting

Note by the Secretariat

1   SUMMARY

The 7th Conference Steering Committee meeting was held at IALA Headquarters on 23rd October 2013.

2   ACTION REQUESTED

The Council is requested to Note the report with particular attention on No. 7.5

**18th IALA Conference
To be held in Spain in 2014**

Report of the 7th Steering Committee Meeting

IALA Headquarters – 23rd October 2013

Mr. Gary Prosser, the IALA Secretary General, opened the meeting at 09h00 and welcomed everyone to the meeting.

The meeting was attended by 13 participants. A full List of participants is given at **Annex 1**.

The Agenda was approved after it was made clear that it was a standard Agenda and not all items would be discussed.

Mr Prosser had to leave the meeting, due to another engagement. He handed over the chairmanship to Marie-Hélène Grillet, who was also Secretary to the meeting.

The Agenda for the meeting is attached at **Annex 2**.

1)   Set up the Conference Steering Committee
2)   Set up the Paper Selection Committee
3)   Agree on the 2014 Conference theme, by-line and logo
4)   Develop themes / titles for the various technical sessions
5)   Suggest names of session Chairpersons
6)   Draft the first Call for Papers

Agenda items 1) to 4) and item 6) had been dealt with during previous meetings. Agenda item 5): the list of Chairs previously agreed, was confirmed. Two selected Chairs (John Festarini of Canada and Paulo Mauricio of Brazil), had indicated that they would be able to confirm their availability at a later date. It was decided to keep their names on the list but arrange for potential replacements.
The final list of session Chairs and Vice-Chairs is attached at **Annex 3**.

7)   Update from Spain

7.1   <u>Registrations</u>: online registrations and hotel bookings were operational. The Organizers however still needed to find a way for the IALA staff members to register online without paying the fees.
        VAT cannot be waived for registration fees but exhibiting companies will be able to claim it back.

7.2   <u>Exhibition</u>: it was suggested, in case not all booths were sold, to rearrange the Exhibition shape by either extending the booth size or not using the extension.

7.3 <u>Lighthouse Exhibition</u>: an exhibition on lighthouses will be held in A Coruña concurrently with the Conference. The exhibition opening hours are still to be decided. The Organizers will arrange for the participants to be able to visit the exhibition free of charge.

7.4 <u>Meeting of Spanish speaking member countries</u>: a meeting of representatives from Spanish speaking member countries – mainly from Spain and South America – will be held some time during the Conference. The meeting is intended for Aids to Navigation technicians who will be given the opportunity to discuss technical subjects in the Spanish language. It should not be seen as a competitor to the Conference.

7.5 <u>Buoy tenders</u>: the Organizers reported that no IALA National Members have expressed their intention to send service vessel to A Coruña. It was agreed that it was not appropriate to send out an invitation but Council should be reminded of the opportunity at its next session in December 2013.

Action item 1: The Secretariat to inform the Council that buoy tenders and other service vessels are welcome at A Coruña for the Conference. Councillors interested should make contact with the Spanish Organizers.

8) Draft Conference programme

8.1 <u>Day 1 and opening ceremony</u>. A programme for Day 1 and the opening ceremony was tentatively agreed as shown in **Annex 4**.

8.2 <u>Update on abstract selection</u>. Over 125 abstracts had been received; 93 were retained for presentation. Due to their similarities some papers were accepted subject to their merger with others, achieving a total of 84 expected presentations. A reserve list was also drawn up. Abstracts on the reserve list, if not presented, will be developed as papers to be included in the Conference documentation along with those that will be presented. A list of retained abstracts is presented at **Annex 5.**

8.3 <u>Structure of technical sessions</u>. There was no change to the proposed technical sessions as they appear in the First Announcement circulated in June 2013.

8.4 <u>Best practice award</u>. Philippe Lijour of France was selected as Chair of the session, provided that he is available. Ten proposals from the 14 received will be selected for presentation by the Organizers. Giving awards at this session has yet to be decided.

The final Conference Programme should be issued in January 2014 and all presenters should be informed when and with whom they will present. The information should go to the selected authors in early December. At the same time authors who have passed the deadline for submission will be reminded to submit their papers without delay.

Action item 2: The Secretariat and Organizers to finalize the Conference Programme for publication in January.

Action item 3: The Secretariat to send information and reminders to the presenters in early December.

9) Check off the tasks to be carried out by IALA to date against the IALA (internal) Guideline for the Preparation of a Conference or Symposium

Preparation work progresses according to the time schedule.

10)   IALA staff at Conference

Decision on the composition of the IALA Staff is left with the Secretary General. The Organizers already agreed the budget sent by the IALA Secretariat prior to SC6.

11)   Industrial Exhibition

The IMC reported that 46 booths had been sold to date. A reminder was circulated together with the IALA Bulletin and is sent again every month to all IM who have not registered for the Exhibition.

The venue for the Industrial Evening had to be changed. The party will now take place at the Marina.

The IMC will sponsor some delegates from developing countries, according to a list that will be developed by the IALA WWA. This will target South American countries.

Action item 4: The WWA to prepare a list of potential sponsored delegates for the Secretariat to arrange their participation, similar to what was done in Cape Town.

12)   Any other business

12.1   WWA Seminar. The programme has been changed and registrations are still awaited.

12.2   Diplomatic Conference. A Diplomatic Conference on IALA status change had been envisaged concurrently with the Conference. The meeting held with National Members in Copenhagen in October proved that this time line was too short and the Diplomatic Conference will therefore be held at a later stage and somewhere else, probably in France.

12.3   Visit of HRH Princess Ann. The Master of Trinity House has indicated that she is considering visiting the Conference. The Organizers suggested Tuesday 27th or Thursday 29th May. A final agreement has still to be made with Buckingham Palace.

12.3   Industrial Member's Assembly. The Assembly will require a meeting place for about 100 people for 2 hours on Thursday 29th or Friday 30th May.

   Action item 5: The Organizers to arrange for a room able to accommodate 100 people to be available on either Thursday 29th or Friday 30th for the Industrial Members' Assembly.

12.4   Presenting in Spanish at Best Practice and Heritage sessions. It was agreed that presenters may speak in Spanish during these sessions. The presentations, however, should be written in English.

12.5   Maritime Cloud presentation. The presentation will be made available to all participants on the tablets. In order to test the functionalities it was agreed that the Organizers would provide Omar-Fritz Eriksson with one of them in February 2014.

   Action item 6: The Organizers to provide Omar-Fritz Eriksson with a tablet in February 2014.

13)   Date and place of next meeting

The next meeting will be held on 25th March 2014 at A Coruña. It is not expected that all Steering Committee members will take part. A confirmation will be sent in due time.

In the meantime a teleconference may be held on 14th January at 100 GMT if needed.

ANNEX 1   List of Participants

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ANNEX 2

IALA 2014 CONFERENCE
SPAIN

7th Conference Steering Committee
23rd October 2013 – 09h00-16h00 – IALA Headquarters

1st PROVISIONAL AGENDA

1) Set up the Conference Steering Committee (completed)

2) Set up the Paper Selection Committee (completed)

3) Agree on the 2014 Conference theme / by-line and logo (completed)

4) Develop themes / titles for the various technical sessions (completed)

5) **Agree names of session chairpersons**

      1. **Update on session Chairs**
      2. **Consider alternatives if needed**

6) Draft the First Call for Papers (completed)

7) **Update from Spain**

8) **Draft Conference programme**

   8.1 Day 1 and opening ceremony
   8.2 Update on abstract selection
   8.3 Structure of technical sessions
   8.4 Best practice award

9) **Check off the tasks to be carried out against the IALA Guideline (internal) for the Preparation of a Conference or Symposium**

10) **IALA staff at Conference**

11) **Industrial exhibition**

12) **Any Other Business**

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ANNEX 3

Final list of Technical sessions Chairs and Vice chairs – Agreed by e-mail 2013-06-12

Theme	Session	Chairperson	Vice Chairperson
AtoN provision (3 sessions)	1 – Tuesday 27 May, 09h00-10h30	Omar-Frits Eriksson (Denmark)	John Festarini (Canadian Coast Guard) – Possible alternative: Peter Douglas of NLB
	2 – Tuesday 27 May, 11h00-12h30	Carlos Calvo (Spain)	Michael Skov (Denmark)
	3 – Tuesday 27 May, 14h00-15h30	David Jeffkins (Australia)	Raul Escalante (Argentina)
e-Navigation and beyond (4 sessions)	1 – Wednesday 28 May, 09h00-10h30	Bill Cairns (USA)	JEON Min-Su (Korea)
	2 – Wednesday 28 May, 11h00-12h30	Mike Sollosi (US Coast Guard)	Adam Hay (Papua New Guinea)
	3 – Wednesday 28 May, 14h00-15h30	Peggy Browning (IM, USA)	Enrique Tortosa (Spain)
	4 – Wednesday 28 May, 16h00-17h30	Nick Ward (UK)	Catherine Steenberg (Denmark)
Global navigation (4 sessions)	1 – Thursday 29 May, 09h00-10h30	Tuncay Cehreli (Turkey)	Jose Manuel Diaz (Spain)
	2 – Thursday 29 May, 11h00-12h30	Paulo Mauricio Moraes Rego (Brazil) – Possible alternatives: THLS or DMA	Michel Cousquer (France)
	3 – Thursday 29 May, 14h00-15h30	Hideki Noguchi (Japan)	Roger Barker (UK)
	4 – Thursday 29 May, 16h00-17h30	Michael Hoppe (Germany)	Jorge Teles (Portugal)
Management (3 sessions)	1 – Friday 30 May, 09h00-10h30	Phil Day (Scotland)	Juan Francisco Rebollo (Spain)
	2 – Friday 30 May, 11h00-12h30	Khalil Al Balushi (Oman)	Kaisu Heikonen (Finland)
	3 – Friday 30 May, 14h00-15h30	Seung-gi Gug (Korea)	Monica Sundklev (Seden)
Heritage (1 session)	Saturday 31 May, 11h00-12h30	Bob McIntosh (Scotland)	Spain

ANNEX 4

MONDAY 26 MAY			Give 2 hours to opening			Coffee and exhibition goes together.		
Morning					**Afternoon**			
	Title	Speaker				Title	Speaker	
09h00	08h00 - 09h30 Registration			14h00		IALA Activities: IMC		
09h15	08h00 - 09h30 Registration			14h15		IALA Activities: IMO/ITU & other international organizations (Michael Card)		
09h30	09h30 -10h00 Opening show			14h30		14h30: IALA Activities: LAP (explaining change of status)		
09h45	09h30 -10h00 Opening show			14h45		IALA Activities: CPAF		
10h00	Welcome speech			15h00		IALA Activities: IALA-NET & Risk Management Toolbox		
10h15	Keynote speech			15h15		IALA Activities: WWA		
10h30	Coffee break			15h30		Coffee break		
11h00	IALA activities by Secretary General and introduction of Committee overview sessions			16h00		Royal opening		
11h10	IALA Activities: Committee ANM = 20 min			16h15				
11h30	IALA Activities: Committee EEP = 20 min			16h30		Opening of the Exhibition		
11h50	IALA Activities: Committee e-NAV 20 min			16h45				
12h10	IALA Activities: Committee VTS 20 min			17h00		Visit the Exhibition		
12h30				17h15				
12h30				17h30				

ANNEX 5

	LIST OF PRESENTATIONS BY THEMES FOR ALLOCATION TO SESSION CHAIRS				

N°	Theme	Date	Abtract No	Principal author	Title
1	Aids to Navigation Provision	Tuesday 27th May 2014 *Note: Papers 99 & 15 were supposed to be merged but the German administration did not accept this.*	99	Thomas Riedl	A new radio system for the German coast - Innovative applications for conventional VHF
			15	Heinz Park	Implementation of the Voice/DSC VHF Radio Communication Service with Simulcast Broadcasting at the German Coast
			19	Mr. Peter Schneider	Conversion of light buoys in the North and Baltic Sea on compact lighting units with LED- and solar technology, AIS and remote monitoring
			20	Mr. Dirk Eckhoff	The Processes in the Maritime Transport Chain and how to link them
			22 & 59 & 60	Eduardo González Sánchez // Antonio Cebrían González & Carlos Calvo & Juan Francisco Rebollo	Information systems in the Aids to Navigation management **AND** INTEGRATION OF DIFFERENT ATON, TYPE OF COMUNICATION AND DATA FORMAT , INCLUDING BROADCASTING SIGNIFICANT INFORMATION TO MARINERS IN AIS STANDARD **AND** SPANISH INTEGRATED AtoN INFORMATION SERVICE (IATONIS)
			27	Pellizzari, Piero	Aids to Navigation and Automatic Identification System: a winning combination for safety support. The Italian experience.
			35 & 47	Hideki Noguchi & Stefan Bober	VDES – a new means for data communication to support e-Navigation
			37	Mr. Mark Thumann	Implementing a new modularly designed Radar Service during continuous nautical operation
			39	Ignacio Pascual Navarro	New lighthouse at the North enlargement of Valencia harbour
			81	Antonio MARTINEZ	EVOLUTION OF REMOTE MONITORING SYSTEMS. Examples of systems at A Coruña and Ferrol Port Authorities (Galicia region, Spain).
			84	Malcolm Nicholson	'Effective Intensity – Is it Effective?'
			86	Malcolm Nicholson	'E-200 Explained'
			109	G A Kaloshin	Laser Technologies for Visual Aids to Navigation
			118	Mr Jiahua LIU	Capacity building initiatives in the south west Pacific to enhance the safety of navigation.
			121	Mr Qiwei CHEN	Application on corrosion resistance of aids at sea
			125	Mr Paul F Mueller	Advances in radio aids to navigation
		Total	**16**		

2	e-Navigation & beyond	Wednesday 28th May 2014	2	Rolf Zetterberg	Communication for e-Navigation
			11	James Crawford	Maritime Domain Awareness, the Chilean experience
			24	André Châteauvert	E-Navigation in Canada – Vision and Strategy
			30	Hideki Noguchi	AIS Aids to Navigation: Development of IMO Policy and New Symbols
			31	Hideki Noguchi	Improvement of Maritime Information and Communication System (MICS): e-navigation for small ships
			46	Mr. Michael Hoppe	Recapitalization of the MF radio beacon system based on VRS
			61	Peter Hooijmans	Product Specification Demystified
			63	WILLIAM D. KAUTZ	IALA'S VHF DATA EXCHANGE (VDE) SYSTEM- A FOUNDATION FOR E-NAVIGATION COMMUNICATIONS
			66	Joonhyo Rhee	Toward eLoran in Korea, a complementary PNT system in hostile environments
			67	Florian A Gruber	The potential of T&T behavior recognition based on AIS and MCS to assist maritime situational awareness
			76	Suhyun Park	Developing S-100 based new product specification for AtoN and method for integration with legacy system
			79	Celalettin Uysal	Achievement of AIS AtoN in Turkey (finalizing SOTAS project)
			87 & 98	Alwyn Williams & Nick Ward	e-Navigation and the ACCSEAS project **AND** Enhanced Radar Positioning
			91	Jan Šafář	The Impact of Using Non-Approved PNT Devices at Sea
			92 & 97	Nick Ward	Common Maritime Data Structure for e-Navigation **AND** Cloud sharing of maritime data
			94	Jorge Arroyo	The use of AIS Application Specific Messaging (ASM) with Virtual Aids in e-navigation
			105	Jillian Carson-Jackson	'To infinity and beyond' Broadband VHF – the future of e-navigation communications?
			107	Gaetan FABRITIUS	The European Satellite-AIS Data Processing Center developed by CLS for the European Space Agency and European Maritime Safety Agency How will such infrastructure support e-Navigation ?
			113 & 123	Mr Qing HU, Mrs Shufang ZHANG & Mr Yulin WANG	The PNT based on BeiDou and its applications in AtoN **AND** The applicationof BeiDou navigation satellite system for communication of e-Navigation
			120	Mr Lu XIANG, Mr Jinxing SHAO, Ms Zhiping REN	Navigation aids information service in the e-Navigation
		Total	**20**		

3	Global navigation	Thursday 29th May 2014	7	Peter Douglas	Innovative use of Aids to Navigation in marking Wave & Tidal Renewable Energy sites
			8	Magnus Nyberg	A methodology to allow VTS Centers to monitor, in real-time, the performance of the AIS infrastructure consisting of shore-based AIS networks and AIS-equipped vessels, to ensure the optimal performance of the AIS system.
			21	Mr. Dirk Eckhoff	Analogy between the VTS Centres Human Machine Interface and the Vessels´ Integrated Bridge
			29	AHMAD PARHIZI	The Role of Coastal VTS in enhancing Maritime Safety and protection of Marine Environment Issues in the Strait of Hormuz
			32	Kazuyuki Tanaka	Improvement of the VTS operation capability by introducing Ku-band Solid-State Radar
			43	Mr. Gerhard Müller-Hagen	VTS Femern Belt - A Danish/German Project
			52	Volker Grantz	How human factors can help at improving control room performance
			70	Tue Lehn-Schiøler	Effect of VTS on incidents
			71	JAMES CRAWFORD	The safety of the human element in the maintenance of marine aids to navigation.
			72	Todd C. Schuett	REDUCING OPERATOR WORKLOAD AND STRESS THROUGH COOPERATIVE HUMAN-MACHINE SYSTEMS
			77	Ugur Karabay	Sea peril management and role of VTS
			78	Hasan Terzi	Finding solutions before accidents happen (How near is enough near?)
			80	ROGER BARKER	Developments in IALA recommendation O-139 and the results of the IALA Marine Spatial Planning workshop
			93	Kaisu Heikonen	Enhancing VTMIS data management with Service Oriented Architecture (SOA)- Case study: FTA's Vessel Traffic Management Systems
			100	David Patraiko, FNI, Master Mariner	A Professional Approach to Marine Spatial Planning
			102	Neil Trainor	Emerging needs and developments – What are the challenges and how do we address them?
			103	Nick Lemon	Tools, techniques, management and cooperation methods that can underpin marine spatial planning.
			104	Mahesh Alimchandani	Capacity building initiatives in the south west Pacific to enhance the safety of navigation.
			124	Mr Jean-Charles Cornillou	Close quarter situation reporting by Ushant VTS
			126	Mr Ulf Svedberg	Increased sustainability of sea transport by integration of ICT and ITS solutions: The MONALISA 2.0 project
			128	Juan Luis PEDROSA	Spanish Maritime Safety Agency - VTS in Spain
		Total	**21**		

4	Management (15 min each)	Friday 30th May 2014	1	Mr James Collocott	The cooperative inland waterways safety programme in South Africa
			14	Mr. Jan-Hendrik Oltmann	Route Topology Modelling as a potential means to reconcile Marine Spatial Planning with Demands of Sea Traffic – the North Sea Region example
			18 & 40	Mr. Thomas Kuckling & Mr. Sascha Heesch	Integrated Management System for Maintenance Processes **AND** Introduction of an Operation & Maintenance Framework for the Coastal Wide Aids-to-Navigation Network at the German Coast
			23	John Festarini	The Canadian Coast Guard's Methodology for the Design and Review of Aids to Navigation Systems
			34	Kazushige Hanano	The teachings on disaster preparedness of the Aids to Navigation learned from the Great East Japan Earthquake
			38	Geir L. Olsen	e-Navigation Starts with e-VoyagePlanning
			50	Nick Goethals	Maintenance of Aids to Navigation based on knowledge, innovation and integration of IALA guidelines and recommendations
			51	Julio Fidel Sierra Almaguer	Risk management in waterways affected by hurricanes.
			56	ALVARO RODRIGUEZ DAPENA	DEVELOPMENT, MAINTENANCE AND PROVDING SERVICES FOR AIDS TO NAVIGATION ¿WHO PAYS THEM?
			74	ROGER BARKER	Quantitative Risk assessment and the Complimentary use of IWRAP
			82	Raul S. Escalante	Practical aspects on the implementation of Message 8 in AIS AtoN
			83	George H. Detweiler Jr.	Atlantic Coast Port Access Route Study and Coastal and Marine Spatial Planning
			88	Malcolm Nicholson	'Light Measurement of Tower of Hercules Lighthouse'
			101	David Jeffkins	Outsourcing of AtoN maintenance services – innovation in tendering, contracting and managing these services in Australia
			110	Javier Martin Santo Domingo	THE SPANISH MARINE AIDS TO NAVIGATION SERVICE
			115	Ms Tingting CHEN	Real-time risk assessment for aids to navigation using fuzzy-FSA
			116	Mr Yongqiang LU	Risk assessment of new danger wreck marking
		Total	**17**		

5	Heritage	Saturday 31st May 2014	10	James Crawford	Heritage preservation, the Chilean experience in its 175th anniversary
			44	Jorge Martín Jiménez	Design and creation of a website on the lighthouses of the Balearic Islands
			53	Juan Francisco REBOLLO	"LIGHTHOUSE INTEGRATED VALUE" INDICATOR
			55 & 73	JOSE CARLOS DÍEZ GONZALO & MARISA MARCO BREVA	NATIONAL PLAN FOR THE STUDY OF FEATURES AND INVENTORY OF HISTORICAL OPTICALS FOR THEIR PRESERVATION **AND** The Use of Otter Shutters in the Lighthouses in the Northwest Coast of Spain
			57 & 58 & 64	Juan Mario Crecente Maseda & Ana E. Goy Diz & Juan Manuel Doce Porto	"TORRE DE HERCULES" MANAGEMENT PLAN **AND** Tower of Hercules: Pass, present and future of the world heritage site **AND** The Tower of Hercules conservation
			62	Gervasio DOPICO	GAP IDENTIFICATION TO IMPLEMENTATION METHODOLOGY OF COMPLEMENTARY USE IN LIGHTHOUSES OF THE FERROL PORT AUTHORITY
			68	EDUARDO BLANCO GALLEGO	MARITIME SIGNALS AND THEIR LINK TO THEIR INMEDIATE ENVIRONMENT
			106	Greg Hansen	Issues and Innovation in remediation of concrete AtoN structures - including case studies for Hydrographers Passage AtoN structures and historic Cape Don Lighthouse
			111	Jo van der Eynden	"Mapping our maritime heritage"A method for the documentation and presentation of maritime heritage, reaching it's audience through phones, pads and PC/Mac's.
			119	Mr Shanlei XU	Analysis on the status of China's historic lighthouse preservation
		Total	10		

ANNEX 6

LIST OF ACTION ITEMS

Action item 1: The Secretariat to inform the Council that buoy tenders and other service vessels are welcome at A Coruña for the Conference. Councillors interested should make contact with the Spanish Organizers.

Action item 2: The Secretariat and Organizers to finalize the Conference Programme for publication in January.

Action item 3: The Secretariat to send information and reminders to the presenters in early December.

Action item 4: The WWA to prepare a list of potential sponsored delegates for the Secretariat to arrange their participation, similar to what was done in Cape Town.

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