

IALA COUNCIL 68th session



11-14 December 2018
IALA Headquarters

8 – STRATEGY AND POLICY

8.5 – Theme for 2019 World Marine Aids to Navigation Day

Note by the Secretariat

BACKGROUND

On 12th September 2018 the Secretariat invited members of all categories to submit proposals for the theme of the first World Marine Aids to Navigation (WAtON) Day, which was established by the General Assembly at its 13th Session on 29th May 2018 and published as Resolution A13.04.

By the deadline of 1st November, twelve Members had submitted proposals. They have been gathered in Annex A.

Following consideration of the submissions by the Secretariat, it was decided to propose a broad theme for the inaugural WAtON Day:

***Marine Aids to Navigation
Successful Voyages, Sustainable Planet***

This theme serves as an umbrella to encompass the suggestions proposed by members and accommodates all aspects of each IALA Committee. Through the use of IALA's motto it reinforces our mission in the maritime arena for worldwide harmonisation of AtoN standards, the facilitation of the safety and efficiency of navigation and the protection of the environment.

The theme '*Marine Aids to Navigation - Successful Voyages, Sustainable Planet*' satisfies the objectives of the WAtON Day, which are:

- To promote greater awareness of IALA by bringing to the attention of the wider public the role of IALA and the significance of its technical work in enhancing the safety of navigation world-wide.
- To improve the society's perception of AtoN as modern, technologically advanced marine aids which, alongside traditional lighthouses, embrace the latest digital developments and support new developments in all fields, including VTS.

Using this broad approach more familiar AtoN, such as the maritime buoyage system, could serve as a gateway to highlight to the wider public the important role AtoN currently plays in society and the latest developments. The maritime community would be well engaged by using its direct connection with established and future AtoN.

Subject to Council approval, it is proposed that each year an overarching theme could be used to showcase Marine Aids to Navigation.

SUPPORTING DOCUMENTS

Some members sent very detailed proposals which are attached as Annex B to this paper.

THE COUNCIL IS REQUESTED TO

Decide on the theme of the World Marine Aids to Navigation Day 2019.



Annex A

Theme(s)	Possible associated events	Submitted by
Marine Aids to Navigation - Always protecting lives, assets and the environment		Brazil – National Member
Blue Planet under IALA's language. Five oceans under IALA's language IALA for safety of life and secure / efficient navigation of ships IALA global harmonisation for a safer world.		Chile – National Member
	International poster competition	Cuba – National Member
Digitalization of AtoN		Finland – Industrial Member
To improve Safety of Navigation at Sea with the help of new Navigation Technology - Developed by the members of the IALA especially radionavigation service R-Mode and PNT.	Associated activities: Presentation(s), A small stand at an exhibition, if one takes place, and/or a demonstration with laboratory equipment	Germany – Associate Member
Aids to Navigation: From the Traditional Lighthouses to The New Digital Era	Actions to be realized in specific Lighthouses, for each National member. More specifically: <ul style="list-style-type: none">To organize a photograph exhibition where Lighthouses Restorations accomplished projects and future plans will be displayed.Presentation of the A to N evolution with a parallel exhibition of old (museum items) and modern A to N material.Inviting the local authorities and encouraging the public to participate actively by their own photos, models etc.	Greece – National Member



From Darkness Into Light		India – National Member
<p>Lighthouse - Gateway To The Expansion of Sustainable Ocean Culture</p> <p>This is intended to raise global awareness of the need for the conservation and sustainable use of historical lighthouses all over the world.</p>		Republic of Korea - National member
Mexico supports this initiative.		Mexico – National Member
<p>The Marine Aids to Navigation, from lighthouses to e-navigation</p> <p>Lighthouses, mariners and Society in the 21st Century</p> <p>The lighthouse, more than something useful for the mariners</p>	Spain volunteers to organise the main international event at the Museum of Portopi Lighthouse in Balearic Islands or Maspalomas Lighthouse in Canary Islands, with the presence of IALA.	Spain – National Member
<p>Global technology sharing for the world's benefit</p> <p>Safer mariners and cleaner seas as a means to a more prosperous world</p> <p>Global co-ordination of maritime AtoNs</p> <p>Not just lighthouses;</p>	<p>Material to accompany WAtON day:</p> <p>Press packs,</p> <p>Infographics,</p> <p>Facts/trivia,</p> <p>Photos,</p> <p>A social media campaign.</p>	United Kingdom – National Member
Emphasizing the Human in the Future of Marine Aids to Navigation		United States of America – Associate Member

marie-helene grillet

De: piovesana@marinha.mil.br de la part de
camr-06a/csnamr/Mar.MAR@amazul.gov.br
Envoyé: jeudi 1 novembre 2018 18:39
À: secgen IALA
Cc: marcosalmeida.brazil@gmail.com; marcelo.reis@marinha.mil.br
Objet: World Marine Aids to Navigation Day 2019 - Proposal for a theme - Brazil

Dear Mr. Francis Zachariae,
IALA Secretary-General,

In reference to your letter PR/WAtN/2019-204, on World Marine Aids to Navigation Day 2019, on behalf of R.A.(Ret.) Marcos Almeida, I submit the proposal of theme for the "Day of Marine Aids to Navigation" below.

"Marine Aids to Navigation - Always protecting lives, assets and the environment"

Yours sincerely,

Alberto PIOVESANA Júnior
Capt. (Ret.)
Advisor
Centro de Auxílios à Navegação Almirante Moraes Rego
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Cel: +5521996685924
E-Mail: piovesana@marinha.mil.br

De: secgen IALA <secgen@iala-aism.org>
Para: contact général <contact@iala-aism.org>
Cc: marie-helene grillet <marie-helene.grillet@iala-aism.org>
Data: 31/10/2018 12:43
Assunto: Invitation to the 4th Extraordinary meeting of the IALA Legal Advisory Panel from November 21-23, 2018 at the IALA Headquarters.

AIDS TO NAVIGATION FIRST INTERNATIONAL DAY

Main Topic: About IALA and its task

1. General Information

It only takes a picture of Earth as seen from the space to understand why our planet is known as “Blue Planet”. It is because of two main factors: sea and ocean waters and the atmosphere.

Today, 360 square kilometers of Earth’s surface are covered in water and only 148 are land. This means that there are more than 1.400 cubic kilometers of water in our planet.

According to UNCTAD report, International shipping trade increased by 2,6 % on 2016 compared to the historic average of 3% a year during the last four decades. Therefore maritime shipping has turned into one of the most important pillar of globalization being responsible for moving over 80% of international trade, onboard over 50.000 merchant ships manned by over 1 million professionals between men and women from almost every nation in the world.

This reflects the need to adopt a single maritime language in order to ensure safety in navigation, protection of the marine environment and secure/efficient navigation of ships by harmonising AtoN.

Since its establishment in 1957, IALA has boosted the harmonisation of AtoN on this “Blue Planet” by setting one universal language and promoting the development of safer seas.

2. Message

The importance of harmonisation of AtoN, task carried out by IALA which has resulted in the usage of a single global language to benefit safety of millions of crews on board ships worldwide and protection of the marine environment and its contribution to global economy.

3. Goals

- a) To promote greater consciousness on benefits of IALA’s work not only for the interest of every country but the world by harmonising AtoN.
- b) To demonstrate a fast evolution of agreements related to harmonise AtoN thanks to teamwork carried out by a great number of professionals all over the world.

- c) To demonstrate technological evolution and increase of service quality provided by AtoN and related services due to IALA regulations
- d) To prove that old lighthouses “hide” a variety of new capabilities making them valid as AtoN.

4. Slogan.

- a) Blue Planet under IALA’s language.
- b) 5 oceans under IALA’s language
- c) IALA for safety of life and secure / efficient navigation of ships
- d) IALA global harmonisation for a safer world.

5. Conclusion.

Since this is the first International Day of AtoN, topics to discuss should be centered on IALA. However, lighthouses discussion will be proposed as one of oldest AtoN.

AIDS TO NAVIGATION FIRST INTERNATIONAL DAY**Main Topic: About Lighthouses.****1. General Information**

The origin of aids to navigation goes back to first attempts to explore new routes for trade. As trade increased, and it became necessary to venture further, existing references on land became insufficient. Due to previous, ancient aids to navigation using fire began to incorporate technology, such as the use of reflecting surfaces to amplify the light and make it visible at greater distances.

While it is true that the construction of the 1st lighthouse in the world was made by the architect Sóstrato de Knido, by order of Ptolemy, in the third century BC. on the island of Pharos in Alexandria, the lighthouses are still an aid to current navigation, in a modernized world like today.

2. Message

The importance and validity of aids to navigation in a modern and technological world as today, and the increase of its capacities and quality of service, thanks to the effort made by IALA, for its harmonization all over the world, provides safety to life at sea, protection of the marine environment and its contribution to the world economy.

3. Goals

- a) To promote greater consciousness on benefits of IALA's work not only for the interest of every country but the world by harmonising AtoN.
- b) To demonstrate a fast evolution of agreements related to harmonise AtoN thanks to teamwork carried out by a great number of professionals all over the world.
- c) To demonstrate technological evolution and increase of service quality provided by AtoN and related services due to IALA regulations
- d) To prove that old lighthouses "hide" a variety of new capabilities making them valid as AtoN.

4. Slogan.

- a. Lighthouses, ancient titans, still in force.
- b. Lighthouses, in force since the beginning of navigation
- c. Metallic lighthouses, men of steel.
- d. Lighthouses, lights of hope.

5. Conclusion.

Since this is the first International Day of AtoN, topics to discuss should be centered on IALA. However, lighthouses discussion is proposed as one of oldest AtoN.

Estimados Colegas

La celebración del Día mundial de las Ayudas a la Navegación Marítima -2019 es muestra de los resultados satisfactorios de los que velan por llevar adelante las actividades de la IALA, apoyamos con beneplácito la celebración de ese día, la propuesta de temas debe ser colegiada por todos los miembros y escoger el mas relevante y significativo.

Estaremos trabajando para proponer uno.

Quisiéramos además tomar como iniciativa y teniendo como base la celebración del día de muchas organizaciones como por ejemplo el día de la Hidrografía, proponemos que una vez que se defina el tema se realice una convocatoria para desarrollar un concurso y como tantas actividades que se desarrollen se den a conocer los resultados ese día, y se reconozca mediante circular los ganadores y las menciones, de los países que participen.

Algo pudiera ser:

- Concurso Internacional del Cartel Día Mundial de las Ayudas a la Navegación.

Bases: Pudieran participar de forma individual o colectiva miembros de la comunidad marítima y otros vinculados directa o indirectamente a las Ayudas a la Navegación.

Convocaría: La IALA y Asociados.

Recepción de los trabajos: de enero a junio 2019

Formato: Formato de cartel o poster (Luego se definirían las dimensiones y los pixeles de las imágenes que garantice una posterior impresión).

Restricciones: No pueden ser carteles empleados en otros concursos, sin ánimo de comercialización de productos, se debe reflejar el sentido del mensaje que transmita el tema escogido del primer día de las ayudas a la navegación y que refleje el trabajo de IALA en aras mantener nuestros mares seguros y libres de accidentes, y de contaminación del medio marino.

Premios: Eso lo dejo a disposición de IALA y Asociados.

Bueno quizás estoy proponiendo algo que no sea de su interés, pero considero que podría aportar, ayudar e incentivarnos a tonos nosotros e incluso al público en general a sentirse involucrado en el conjunto de actividades que se deben desarrollar como parte de la celebración del día de las Ayudas a la Navegación.

Google translation:

Dear colleagues

The celebration of the World Day of Aids to Maritime Navigation -2019 is a sign of the satisfactory results of those who ensure the carrying out of the activities of the IALA, we support the celebration of that day, the proposal of subjects must be collegiate by all members and choose the most relevant and significant.

We will be working to propose one.

We would also like to take as an initiative and based on the celebration of the day of many organizations such as the day of the Hydrography, we propose that once the theme is defined a call is made to develop a contest and how many activities are developed make known the results that day, and recognize by circulating the winners and mentions, of the countries that participate.

Something could be:

- International Poster Competition World Aids to Navigation Day.

Bases: Members of the maritime community and others directly or indirectly linked to the Aids to Navigation may participate individually or collectively.

Convene: The IALA and Associates.

Reception of the works: from January to June 2019

Format: poster or poster format (Then the dimensions and pixels of the images would be defined to guarantee a subsequent printing).

Restrictions: They can not be posters used in other contests, without the intention of marketing products, it must reflect the meaning of the message that conveys the chosen theme of the first day of the navigation aids and that reflects the work of IALA in order to maintain our seas safe and free of accidents, and pollution of the marine environment.

Awards: I leave that to IALA and Associates.

Well maybe I am proposing something that is not of your interest, but I think you could contribute, help and encourage us and even the general public to feel involved in the set of activities that should be developed as part of the celebration of the day of Aids to Navigation.

marie-helene grillet

De: Stefan.Gewies@dlr.de
Envoyé: mardi 6 novembre 2018 12:54
À: secgen IALA
Objet: World Marine Ads to NavigationDay 2019

Dear Francis,

I got the information about the planned World Marine Aids to Navigation 2019. But what is so far missing is the format of this event.

I propose to present the IALA activities to improve Safety of Navigation at Sea with the help of new Navigation Technology which will be actively developed by the members of the IALA especially radionavigation service WG of ENG and Communication WG of ENAV. Here I have especially R-Mode as one source for reliable PNT in mind. We would like to contribute with presentation(s), small stand at an exhibition and/or a demonstration with laboratory equipment depending on the event format.

Best regards

Stefan Gewies

Project Manager R-Mode Baltic
www.r-mode-baltic.eu

Deutsches Zentrum für Luft- und Raumfahrt e.V. (DLR)
German Aerospace Center

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UNCLASSIFIED

TO : IALA
Mr Francis Zachariae
IALA Secretary-General
10, rue des Gaudines ZC 87100
Saint Germain en Laye – France

HELLENIC NAVY
LIGHTHOUSE SERVICE
OPERATIONS DEPARTMENT
Palataki Piraeus, P.C 18510, Greece
F.:184/9/18
S. 2158
Piraeus, 01 November 2018
Tel: +30 210 4581523
Fax: +30 210 4581410
Email: yf_depix@navy.mil.gr

SUB. : World Marine Aids to Navigation Day 2019

REF. : IALA Letter PR/WA to N/2019/2018-204/12th September 18

Dear Mr Zacharie,

1. In accordance to your letter of 12th September 18, Hellenic Navy and Hellenic Navy Lighthouse Service welcome the establishment of the World Marine Aids to Navigation Day and will fully support the upcoming events.

2. Considering that Lighthouses are the “brand name” in each Lighthouse Authority Area and the main - if not the only- A to N that the vast public perceives, proposes the upcoming events to be performed in specific Lighthouses, in order to achieve wider participation and advertise the role of IALA.

3. Hellenic Navy Lighthouse Service suggests the theme **“Aids to Navigation: From the Traditional Lighthouses to The New Digital Era”**.

4. In order to support the above perspective, Hellenic Navy Lighthouse Service suggests the following actions to be realized in specific Lighthouses, for each National Member (for Greece in Alexandroupoli, Drepano Patron, Drepano Hanion and Kranai Gytheiou Lighthouses). More specifically:

- a. To organize a photograph exhibition where Lighthouses Restorations accomplished projects and future plans will be displayed.
- b. Presentation of the A to N evolution with a parallel exhibition of old (museum items) and modern A to N material.
- c. Inviting the local authorities and encouraging the public to participate actively by their own photos, models etc.

5. POC: LT COMMANDER Ilias Karkatzelakis HN, Director of Operations Department.

Yours Sincerely

Commodore (M) L. Adreou H.N.
Director of Hellenic Navy Lighthouse Service

marie-helene grillet

De: clicker2000@korea.kr de la part de "조용훈" <clicker2000@korea.kr>
Envoyé: lundi 12 novembre 2018 02:06
À: secgen IALA
Objet: Proposal for a theme of the 2019 WAtON Day (Republic of Korea)

Dear Secretary-General,

It has reference to an invitation to submit proposal for a theme of World Marine Aids to Navigation Day 2019 you brought to our attention in your letter of September 12.

As historical lighthouses are the unique and strong symbol of the world heritage and hold great significance to local and national communities, they should be treated differently from other assets. Also, historical lighthouses are meaningful legacy from the past, what we live with today, and what we pass on to future generations.

To mark World Marine Aids to Navigation Day 2019, the following proposal is intended to raise global awareness of the need for the conservation and sustainable use of historical lighthouses all over the world .

"Lighthouse - Gateway to the expansion of sustainable ocean culture "

Thank you for giving us this opportunity to propose on behalf of the Republic of Korea.

Sincerely yours,

Youngshin KIM
Director, Aids to Navigation Division
Ministry of Oceans and Fisheries
Republic of Korea

Secretary General Francis ZACHARIAE
secgen@iala-aism.org

Theme proposal for the 2019 Word Maritime Aton Day

Theme proposal: "DIGITALIZATION OF ATONS"

Dear Francis,

Thank you for your letter and the possibility for us to propose theme for the first World Marine Aids to Navigation Day 2019.

As we see it, the conventional Aids to Navigation are or quite soon will be history, relics from the times before internet and e-Navigation. Digitalization and the general tendency for Internet of Things will change the navigational marking as well. The AtoNs of the future will have intelligent features and they will be connected to network and capable for interactivity. The development of Unmanned Ships most likely will require smart fairways.

The existing network of AtoNs provides a well maintained and optimally located mounting base for all digital technology. Digitalization of AtoNs enable many novel applications, like 1) land based AtoN management, 2) on-line monitoring 3) radio link for data transfer and 4) offshore location reference ,and we believe much more.

During the last five years SeaHow has had constant development going on related to Smart Navigation buoys. Smart Buoy is a combination of robust polyethylene spar buoy and versatile selection of monitoring sensors and a lantern capable for interactivity. Smart Buoys communicate via GSM or satellite network.

Finland has tested, with excellent results, the performance of Smart Buoys in the Gulf of Finland. Finland has also built up several Smart Fairways in which the Pilots can (with Smart Phones) either turn on or increase the light intensity of the buoy lanterns as they arrive on the fairway. The idea is to save battery energy (and maintenance costs) especially in the fairways with little traffic.

IMO 2020 global sulphur cap and dedicated ECAs will require increasing law enforcement actions from responsible authorities. At the moment SeaHow is building up new Smart Buoy application which we call the "Sniffer buoy". Sniffer buoy integrates latest AirNow ship sulphur analyser technology inside of an AtoN.

Sniffer Buoys will enable continuous and automatic reporting of passing marine traffic fuel sulphur content from sea to shore. This smart technology will help authorities to maximize the number of monitored ships and minimize the onboard fuel sampling in ports.

The use of "normal" navigation buoy as a digitalization platform saves costs both in investment and maintenance. We have estimated that extra costs regarding maintenance of Smart Buoys are only about 30% more compared to normal buoys without intelligence.

Best Regards,



Seppo Virtanen

Director, Navigation buoys and Smart solutions



marie-helene grillet

De: Manuel Arana Burgos <m.arana@PUERTOS.ES>
Envoyé: jeudi 25 octobre 2018 11:17
À: secgen IALA
Cc: Juan Francisco Rebollo Lledo; Leandro Melgar Casillas; Magec Montesdeoca González
Objet: World AtoN Day 2019

Dear Secretary General,

We acknowledge receipt of your letter, dated 21st September, about the organization of the first edition of the World AtoN Day on 1st July 2019, according to the Resolution A13-04 of IALA Assembly.

Regarding to your request, our proposals for main themes or topics for the World Day of Marine AtoN are the following:

- The Marine Aids to Navigation, from lighthouses to e-navigation
- Lighthouses, mariners and Society in the 21st Century
- The lighthouse, more than something useful for the mariners

Puertos del Estado will be very honored if the Council accepts our invitation to organize the main international event of this first World AtoN Day in Spain, including presence of IALA. As you know, we have been very proactive trying to show the importance of AtoN to Society, and we would like to continue deepening in this role. We propose as main venue the Museum of the Portopi Lighthouse in Balearic Islands or the Maspalomas Lighthouse in Canary Islands.

We wait for your reply.

Kind regards.

Manuel Arana Burgos

Subdirector de Planificación e Infraestructuras

Dirección de Planificación y Desarrollo

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Puertos del Estado



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De: rukmani srivathsan <rsrivathsan06@gmail.com>
Envoyé: lundi 19 novembre 2018 11:31
À: secgen IALA
Objet: Re: WorldAtoNDay

From, B.S.Srivathsan,
Honororary member.IALA.

On Mon, 19 Nov 2018, 12:29 p.m. rukmani srivathsan, <rsrivathsan06@gmail.com> wrote:

Dear Mr.FrancisZachariae,

Hearty felicitations on the establishment of a WorldAto N Day on 1st July every year, the first one to be celebrated in July 2019 by all Maritime Administrations throughout.

The theme I like to propose for 2019 World Ato N Day is as follows:-

"FROM DARKNESS UNTO LIGHT",

With kind regards, Yours sincerely,

B.S.Srivathsan.

Bangalore, India.

marie-helene grillet

De: francis zachariae
Envoyé: mardi 13 novembre 2018 16:49
À: Neil Jones
Cc: Deputy Master; Tom Southall; Minsu Jeon; virginia butler
Objet: Re: IALA World Marine Aids to Navigation Day 2019 - themes

Thanks a lot Neil,

We will definitely take this into account when making our proposal to Council.

Kind Regards,
Francis

Den 13. nov. 2018 kl. 11.45 skrev Neil Jones <Neil.Jones@thls.org>:

Dear Francis,

Captain McNaught passed me your letter regarding the above some time ago but I was signed off for a few months and have only just been able to get to it, I'm afraid.

If you are still asking for theme suggestions for IALA World Marine Aids to Navigation Day 2019, then perhaps the following will be somewhat helpful. I would suggest that there is already a number of international maritime-related days (Day of the Seafarer, World Lighthouse Day, International Lighthouse and Lightship Weekend, Seafarer Awareness Week), so we are walking into a relatively busy field and many of the more straightforward global themes have already been taken by IMO, IMAREST and so on.

That said, I hope the following broad themes might be worth discussion at your December planning meeting; they would need development and a tagline and the usual nuts and bolts (press pack, infographics, facts/trivia, photos) that would comprise a global social media campaign.

Themes:

- **Global technology sharing for the world's benefit;** the emphasis on *peaceful* exchanges between countries might be welcome at the moment.
- **Safer mariners and cleaner seas as a means to a more prosperous world;** keeping mariners safe is in the best interest of everyone across the globe.
- **Global co-ordination of maritime AtoNs as something that transcends politics;** same logic as above, the need to work together to standardise AtoNs across the globe is one of the few areas of human endeavour where we aren't at loggerheads.
- **Not just lighthouses;** an old message that's been used to excess over the years, but perhaps bears repeating as we all look for ways to advance the mix of AtoNs.

Best regards,
Neil

Neil Jones

PR and Records Manager | Secretariat | Trinity House

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www.trinityhouse.co.uk

<image001.jpg>