

18-22 November 2019

# TRAINING SEMINAR ON THE USE OF THE IALA RISK MANAGEMENT TOOLBOX

The naval school of cadets Almirante Padilla, Cartagena Colombia

#### INTRODUCTION

The IALA World-Wide Academy will hold a training seminar on the IALA Risk Management Toolbox - IWRAP Mk II; PAWSA; SIRA and simulation: from November 18 to 22, 2019 at the naval school of cadets Almirante Padilla, Cartagena, Colombia.

The seminar will provide an international overview of risk management stressing the importance of stakeholder liaison before demonstrating the value of the four IALA Risk Management Tools - IWRAP Mk II Mk II; PAWSA, SIRA and Simulation in waterway planning. Participants will benefit from both theoretical and practical training delivered by world experts in different aspects of the toolbox.

#### **OBJECTIVES**

This is the latest in the series of Risk Management Seminars set in the context of IALA Recommendation R1002 on Risk Management for Marine Aids to Navigation. It will be based on IALA Model Course - L1.3 - Aids to Navigation Manager Training Level 1 - Use of the IALA Risk Management Tools.

#### **STRUCTURE**

The seminar aims to enable participants to experience the capability of the IALA Risk Management Toolbox. Specifically, it will:

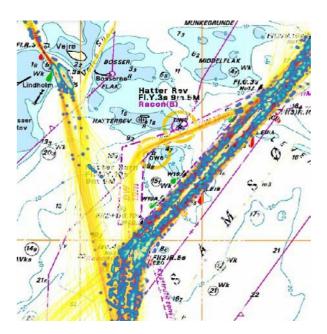
- describe the role of IALA; the importance of stakeholder liaison and the obligations placed on States under SOLAS Chapter V
- introduce the IALA Risk Management Toolbox
- explain the development, principles and use of IWRAP Mk II before guiding participants through increasingly complex practical applications
- describe the development and use of PAWSA Mk II and its five Workbooks before demonstrating its use in a regional scenario
- explain the background to SIRA and demonstrate its application in a range of scenarios
- describe the use of simulators for ship applications and waterway design including modelling the most effective AtoN within that waterway

- describe the interaction between IALA Risk Management Tools in a regional scenario and the human resource and cost implications generated by selected risk mitigation measures
- use a panel of experts to consolidate an understanding of the Risk Management Toolbox

#### PROGRAMME

The seminar is targeted at those involved in the design, marking and management of waterways. There is a limit of 40 participants, each of whom should provide their own Microsoft Windows enabled laptop with mouse. A copy of the IWRAP Mk II software will be issued at the seminar and installed on participants' laptops at the start of the seminar. Participants must therefore have an "unlocked" laptop. Please note that IWRAP Mk II does not currently work with Apple computers.

The working language of the Seminar will be English with simultaneous translation in Spanish.



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## VENUE

The seminar will be held at the Naval Academy of cadets Almirante Padilla. Cartagena Colombia

# HOTELS

Cartagena has a wide variety of hotels in the Bocagrande sector, including the Caribbean Hotel, Hotel Hilton, Hotel Admiral Cartagena, Hyatt Regency Cartagena, Hotel InterContinental Cartagena, Hotel Cartagena Plaza among others. Accommodation is available from US120 / night

# CONTACT

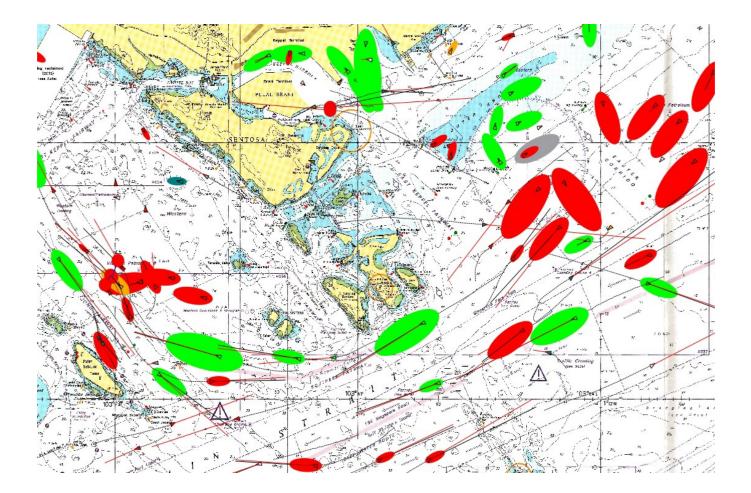
For further information please contact the IALA World-Wide Academy: academy@iala-aism.org

### **REGISTRATION AND FEES**

Online registration is available on the IALA website.

The fee for the seminar is €1500 The fee includes:

- Participation to all session
- All material presented at the seminar
- A full license for IWRAP Mk II till three months after the seminar
- A seminar reception
- All lunches and coffee/tea breaks
- A seminar dinner



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# **PROVISIONAL PROGRAMME**

Monday 18 November		
08:30 - 09:00	Registration	
09:00 - 09:30	Opening Ceremony	
09:30 - 10:30	Introduction to IALA and the IALA WWA and international obligations under SOLAS	
11:00 - 12:00	Introduction to the IALA Risk Management Toolbox Introduction to navigation risk IALA Risk Management Toolbox Overview	
13:30 - 14:15	Reginal Case Study of the use of IALA Risk Management Tools	
14:15 – 15:15	IWRAP Mk II Development and Principles	
15:15 – 16:00	Practical Applications of IWRAP Mk II	
16:30 – 18:00	SIRA Development and Principles SIRA Test Case	
18:00 - 19:00	Welcome Reception	
Tuesday 19 November		
09:00 - 10:30	PAWSA Mk II Development and Principles	
11:00 - 12:00	PAWSA Mk II - Use of workbooks	
13:30 - 14:30	Test Case PAWSA Mk II	
14:30 - 16:00	Test Case PAWSA MK II	
16:30 - 18:00	Use of Simulation in Risk Management	
Wednesday 20 November		
09:00 - 10:30	IWRAP Mk II Modelling Creation of an IWRAP Mk II model using AIS data	
11:00 - 12:00	Overview of Maritime Simulators Simulation Techniques in risk management	
13:30 - 18:00	Case Study - Simulation	
19:30 - 21:30	Seminar Dinner	
Thursday 21 November		
09:00 - 10:30	Advanced IWRAP Mk II modelling (1)	
11:00 - 12:00	Advanced IWRAP Mk II modelling (2)	
13:30 - 15:30	Final IWRAP Mk II modelling	
15:30 - 16:30	Complementary use of IALA Risk Management Tools Regional Case Study	
16:30 - 18:00	Comparison between models IWRAP Case Study Malacca Strait	
Friday 22 November		
09:00 – 10:30	Discussion on the IALA Risk Management Toolbox Complementary use of IALA Risk Management Tools, discussion and conclusions	
11:00 - 12:30	Closing Ceremony Issue of Certificates and closing remarks	

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TRAINING SEMINAR ON THE USE OF THE IALA RISK MANAGEMENT TOOLBOX	<ul> <li>IALA Risk Management Toolbox:</li> <li>IALA Waterways Risk Assessment Program (IWRAP MK II);</li> <li>Ports and Waterways Safety Assessment (PAWSA Mk II);</li> <li>Simplified IALA Risk Assessment (SIRA);</li> <li>Simulation Tools.</li> </ul>	
The naval school of cadets Almirante Padilla, Cartagena, Colombia		
Participant's details	Payment details	
Surname (family name):	by enclosed cheque or bank draft in EUROS	
First name (given name):	by VISA or MASTERCARD	
Title (Mr. /Mrs. /Dr., etc.):	N°:	
Organisation or company:	Expiry date:	
	Holder's name:	
Address:	Total to be charged:	
	Signature	
	by bank transfer on receipt of an invoice	
Country:	Other requirements (please specify):	
Phone (incl. country code):		
Mobile (incl. country code):		
E-mail:		
Dietary requirements (please specify):	Online payment is available on the website:	
	www.iala-aism.org . Under Calendar / Book now.	
I agree to my contact details being provided in the final report	Your login and password are required in these fields.	
of the workshop:		
Yes 🗹 No 🔲	CANCELLATION POLICY	
I need an invitation letter from TNPA for visa purposes:	All cancellations must be sent by e-mail to	
Yes 🕑 No 🗌	contact@iala-aism.org	
I will be accompanied by:	A refund in full of the registration fee will only be provided if notification is given at least one week prior to the event. Otherwise, a cancellation charge of 50% will be applied. Name changes will be accepted.	
	In case of a no-show, 100% of the registration fee will be charged.	