

IALA MODEL COURSE L1.3 ON THE USE OF THE IALA RISK MANAGEMENT TOOLS

Port Education Centre, Melbourne, Australia

INTRODUCTION

The IALA World-Wide Academy, will run a training course on the IALA Risk Management Toolbox - IWRAP Mk2; PAWSA and Simulation between the 8 and 12 November 2021 at the Port Education Centre in Melbourne, Australia.

The course 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 2; 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 courses 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 course aims to enable participants to experience the capability of the IALA Risk Management Toolbox. Specifically, it will:

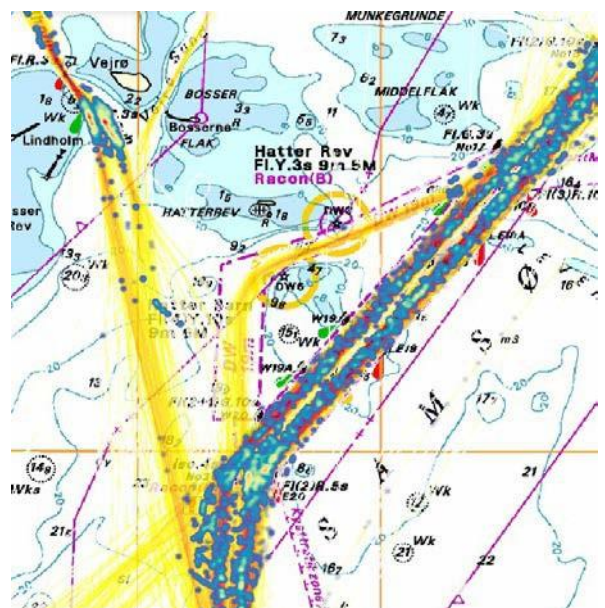
- describe the role of IALA; the importance of stakeholder liaison and the obligations placed on States under SOLAS Chapter V;
- introduce the IALA Risk Management Toolbox;
- explain the development, principles and use of IWRAP Mk2 before guiding participants through increasingly complex practical applications;
- describe the development and use of PAWSA 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; and
- use a panel of experts to consolidate an understanding of the Risk Management Toolbox.

PROGRAMME

The course is targeted at those involved in the design, marking and management of waterways. There is a limit of 30 participants, each of whom should provide their own Microsoft Windows 64-bit enabled laptop with mouse. A copy of the IWRAP Mk2 software will be issued at the course and installed on participants laptops at the start of the course. Participants must therefore have an “unlocked” laptop. Please note that IWRAP Mk 2 does not currently work with Apple computers.

The working language of the course will be English





VENUE

The course will be held at the Port Education Centre 343-383 Lorimer Street, Port Melbourne VIC 3207, Australia.

PRE READING

Some pre-reading will be required in advance of the course. The following IALA documents will form the basis for much of the discussions during the week:

- IALA Standard S1010 – Marine Aids to Navigation Planning and Service Requirements
- IALA Recommendation R1002 – Risk Management for Marine Aids to Navigation
- IALA Guideline 1018 – Risk Management
- IALA Guideline 1058 – The use of simulation as a tool for waterway design and AtoN planning
- IALA Guideline 1123 – The use of IWRAP Mk2
- IALA Guideline 1124 – the use of PAWSA
- IALA Guideline 1138 – The use of SIRA

REGISTRATION AND FEES

The course has a capacity of 30 spaces and online registration is available on the IALA website.

The fee for the course is **€1500**

The fee includes:

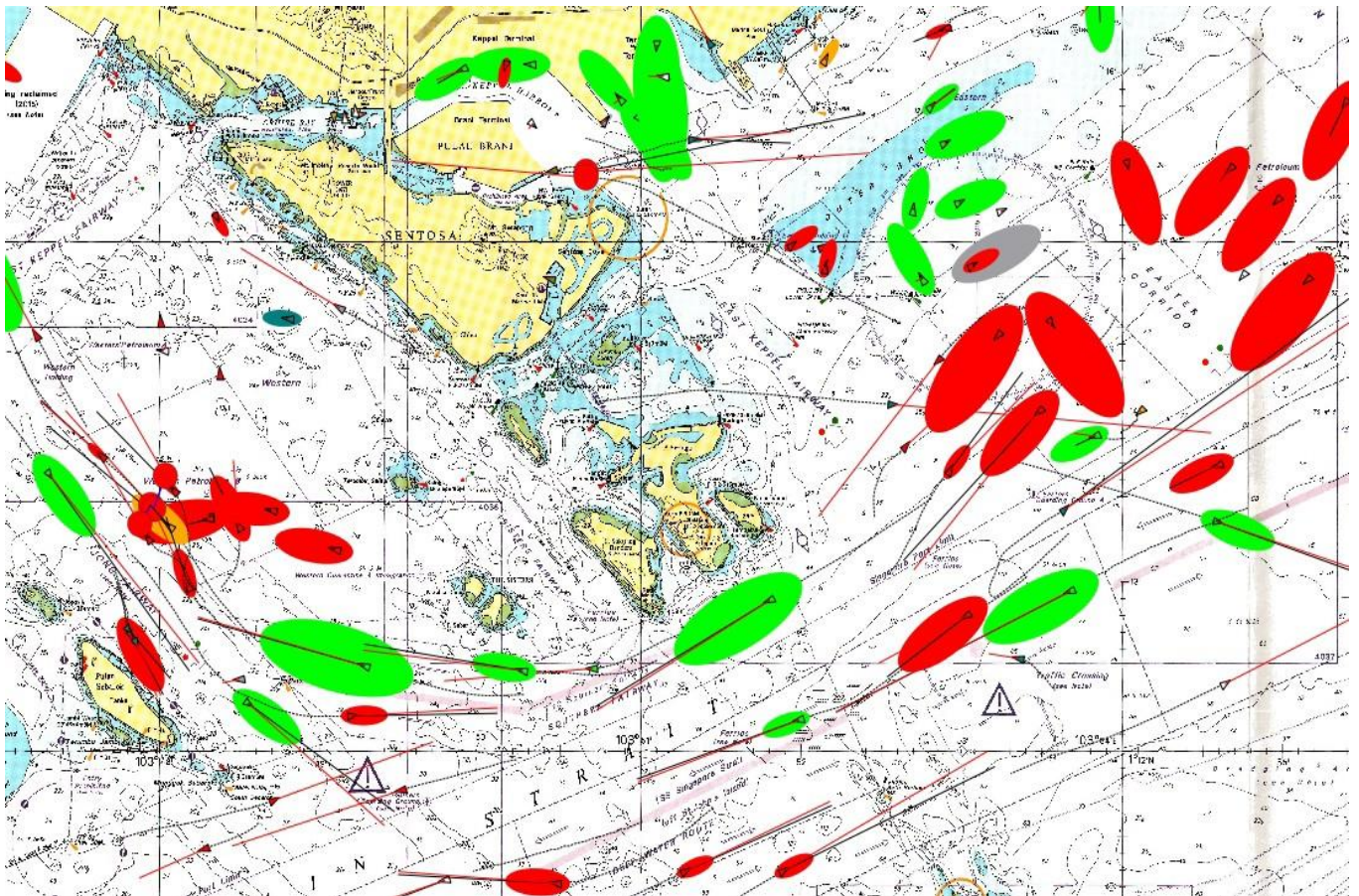
- Participation to all sessions,
- All material presented at the course,
- A full licence for IWRAP Mk2 for three months after the course,
- A course welcome reception,
- All lunches and coffee/tea breaks,
- A course dinner.

HOTELS

There are numerous hotels in the Melbourne area, many of which are a short taxi/Uber journey from the Port Education Centre. Details of the recommended/official hotels will be notified shortly.

CONTACT

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



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www.iala-aism.org

International Association of Marine Aids to Navigation and Lighthouse Authorities
Association Internationale de Signalisation Maritime



PROVISIONAL PROGRAMME

Monday 8 February 2021	
08:30 – 09:00	Registration
09:00 – 09:30	Opening ceremony and introductions
09:30 – 10:30	IALA Risk Management Toolbox overview and international obligations under SOLAS
11:00 – 12:00	Examples of the use of the IALA Risk Management Tools Practical case studies
13:00 – 15:00	SIRA – introduction and principles
15:30 – 17:00	Simulation techniques in risk management
18:00 – 19:30	Welcome Reception
Tuesday 9 February 2021	
09:00 – 10:30	PAWSA Mk 2 Development and Principles
11:00 – 12:00	PAWSA Mk 2 Use of workbooks
13:00 – 15:00	Test Case PAWSA Mk 2
15:30 – 16:30	Test Case PAWSA MK 2
16:30 – 17:00	IWRAP Mk 2 Installation
Wednesday 10 February 2021	
09:00 – 10:30	IWRAP Mk 2 Modelling Creation of an IWRAP Mk 2 model using AIS data
11:00 – 12:00	IWRAP Mk 2 modelling
13:00 – 15:00	IWRAP Mk 2 modelling
15:30 – 17:00	Advanced IWRAP Mk 2 modelling
19:30 – 21:30	Seminar Dinner
Thursday 11 February 2021	
09:00 – 10:30	Advanced IWRAP Mk 2 modelling
11:00 – 12:00	Advanced IWRAP Mk 2 modelling
13:00 – 15:00	Final IWRAP Mk 2 modelling Assessed test-case
15:30 – 17:00	Course assessment/examination Review of IWRAP Mk 2 modelling results and exam on risk management in general
Friday 12 February 2021	
09:00 – 10:30	Complementary use of IALA Risk Management Tools Regional Case Study
11:00 – 12:00	Group discussion and closing ceremony Issue of Certificates and closing remarks



REGISTRATION FROM

TRAINING COURSE ON THE USE OF THE IALA RISK MANAGEMENT TOOLBOX

Port Education Centre, Melbourne, Australia

IALA Risk Management Toolbox:

- IALA Waterways Risk Assessment Program (IWRAP MK 2);
- Ports and Waterways Safety Assessment (PAWSA Mk 2);
- Simplified IALA Risk Assessment (SIRA);
- Simulation Tools.

Participant's details

Surname (family name): _____

First name (given name): _____

Title (Mr. /Mrs. /Dr., etc.): _____

Organisation or company: _____

Address: _____

Country: _____

Phone (incl. country code): _____

Mobile (incl. country code): _____

E-mail: _____

Dietary requirements (please specify): _____

I agree to my contact details being provided in the final report of the workshop:

Yes No

I need an invitation letter for visa purposes:

Yes No

I will be accompanied by: _____

Payment details

by enclosed cheque or bank draft in EUROS

by VISA or MASTERCARD

N°: _____

Expiry date: _____

Holder's name: _____

CVC: _____

Total to be charged: _____

Signature _____

by bank transfer on receipt of an invoice

Other requirements (please specify): _____

Online payment is available on the website:

www.iala-aism.org . Under Calendar / Book now.

Your login and password are required in these fields.

CANCELLATION POLICY

All cancellations must be sent by e-mail to contact@iala-aism.org

A refund in full of the registration fee will only be provided if notification is given at least one month 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.