



26 February 2018 – 2 March 2018

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

University of Cape Town Graduate School of Business, Cape Town, South Africa



## THE EVENT

The IALA World-Wide Academy, in collaboration with Transnet National Ports Authority (TNPA), will run a training seminar on the IALA Risk Management Toolbox from 26 February to 2 March 2018 at the University of Cape Town's Graduate School of Business in the Victoria and Alfred Waterfront (V&A), Cape Town, South Africa.

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

## BACKGROUND

The seminar will be the latest in the series of risk management seminars set in the context of IALA Recommendation R1002 on Risk Management Tools for Ports and Restricted Waterways. It will be based on IALA Model Course - L1.3 - Aids to Navigation Manager Training Level 1 - Use of the IALA Risk Management Tools.

## OBJECTIVE

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
- ✓ describe 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 SIRA, the Workbooks before demonstrating its use in a regional scenario
- ✓ 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

Victoria and Alfred Waterfront, Cape Town





## ATTENDANCE

The seminar is targeted at those involved in the design, marking and management of waterways. The working language will be English. There is a limit of 40 participants including 16 participants of 2018 Level 1 AtoN Manager Course, 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.



University of Cape Town Graduate School of Business (UCT GSB)

## VENUE

The Seminar will be held at:  
University of Cape Town's Graduate School of Business, situated in the V&A, Cape Town, South Africa.

## CONTACT

**Contact IALA WWA :**  
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gerardine.delanoye@iala-aism.org

**Contact Transnet National Ports Authority :**  
Tamsyn-Anne SCIPIO  
tamsyn-anne.scipio@transnet.net

## REGISTRATION FEE

The fee for the seminar is **€ 600**.  
Fee includes:

- ✓ participation to all sessions
- ✓ all material presented at the workshop on a memory stick
- ✓ a welcome reception on Day 0 (Sunday)
- ✓ lunches and tea/coffee (Monday – Friday)

TNPA will sponsor a welcome reception on Day 0 (Sunday) and a seminar dinner on Day 3 (Wednesday) as well as lunch/tea/coffee (Monday – Friday). All material presented at the workshop will be delivered on a memory stick. An official partner programme is not planned; however partners are very welcome to attend the welcome reception and seminar dinner at no additional charge.

## ACCOMMODATION

The Hotel directly adjacent to the seminar venue (Breakwater Prison on map below) and where the lunches will be served daily is the Protea Hotel Breakwater Lodge.  
<http://www.breakwaterlodge.co.za/>

Accommodation is available starting from **€150/night**  
There are however many hotels in the Waterfront Precinct within walking distance (<1km) of the seminar venue all of which can be booked via:  
<http://www.waterfront.co.za/stay/hotels-at-the-vanda>

There are also more affordable hotels just outside the Waterfront Area but still within walking distance of the venue.

## AIRPORT TRANSFERS

A visa may be required and TNPA will provide invitation letters on request.

Airport taxis and a MyCiti bus service is available between the airport and the city centre at a cost of around **€10 (R150)**.





## PROGRAMME

Time	Event	Content	Chair/Presenter	Place
<b>Day 0 - Sunday 25 February 2018</b>				
All day	Participants Arrival	Check-in		Protea Hotel
18:00 – 20:00	Welcome reception	Sponsored by TNPA	TNPA	TBC
<b>Day 1 - Monday 26 February 2018</b>				
08:30 – 09:00	Registration	Opening and Review	David Gordon TNPA	UCT GSB
09:00 – 10:30	Session 1	Opening Ceremony Introduction to IALA and the IALA WWA obligations under SOLAS Ch V 12; 13	Ómar Frits Eriksson, IALA WWA Dean Gerardine Delanoye, Prog. Manager	
10:30 – 11:00	Break	Group photograph & Coffee break	All participants	
11:00 – 12:00	Session 2	Presentation on TNPA	TNPA	
12:00 – 13:30	Lunch			Protea Hotel
13:30 – 14:30	Session 3	Introduction to the IALA Risk Management Toolbox Introduction to navigation risk IALA Risk Management Toolbox Overview		UCT GSB
14:30 – 15:15	Session 4a	Case Study of the use of IALA Risk Management Tools		
15:15 – 15:45	Coffee break			
15:45 – 16:30		Use of Simulation in Risk Management		
16:30 – 18:00	Session 4b	IWRAP Mk II Development and Principles Practical Applications of IWRAP Mk II		
<b>Day 2 - Tuesday 27 February 2017</b>				
09:00 – 10:30	Session 5a	PAWSA MkII Development and Principles		UCT GSB
10:30 – 11:00	Coffee break			
11:00 – 12:00	Session 5b	PAWSA Mk II- Use of workbooks		
12:00 – 13:30	Lunch			Protea Hotel
13:30 – 14:30	Session 5c	PAWSA Mk II - Use of		
14:30 – 16:00	Session 5d	workbooks Test Case –		
16:00 – 16:30	Coffee break	Izmit Bay		
16:30 – 18:00	Session 6a	SIRA Development and Principles		
<b>Day 3 - Wednesday 28 February 2018</b>				
09:00 – 09:30	Session 6b	SIRA Exercise		UCT GSB
09:30 – 10:30	Session 7	Maritime Simulators Simulation Techniques in risk management		
10:30 – 11:00	Coffee break			
11:00 – 12:00	Session 8	Creation of an IWRAP Mk II model using AIS data		
12:00 – 13:00	Lunch			Protea Hotel
13:00 – 18:00		Case Study Port of Cape Town, Simulation		
18:00 – 20:00	Dinner			Protea Hotel
<b>Day 4 - Thursday 1 March 2018</b>				
09:00 – 10:30	Session 9a	Advanced IWRAP Mk II modelling (1)		UCT GSB
10:30 – 11:00	Coffee break			
11:00 – 12:00	Session 9b	Advanced IWRAP Mk II modelling (2)		
12:00 – 13:30	Lunch			Protea Hotel
13:30 – 15:00	Session 9c	Final IWRAP Mk II modelling		UCT GSB
15:00 – 16:30	Session 10	Complementary use of IALA Risk Management Tools Case Study		
16:30 – 17:00	Coffee break			
17:00 – 18:30	Session 11	Case Study continued		
<b>Day 5 - Friday 2 March 2018</b>				
09:00 – 10:30	Session 13	Discussion on the IALA Risk Management Toolbox		UCT GSB
10:30 – 11:00	Coffee break			
11:00 – 12:30	Session 14	Closing Ceremony Issue of Certificates and closing remarks		
12:30 – 14:00	Lunch	Participants disperse on completion		Protea Hotel

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**REGISTRATION FROM**

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

University of Cape Town,  
South Africa

**IALA Risk Management Toolbox:**

- IALA Waterways Risk Assessment Program (IWRAP MK II);
- Ports and Waterways Safety Assessment (PAWSA MK II);
- 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 from 'uVh' 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: \_\_\_\_\_

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](http://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 [secgen@iala-aism.org](mailto:secgen@iala-aism.org)

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.