



3rd International ECDIS Conference and Exhibition **DELEGATE JOINING INSTRUCTIONS**

IEC 09: ECDIS *Beyond Navigation*



Official Media Partner		Platinum Sponsor	
The logo for Seatrade, featuring the word 'Seatrade' in a bold, blue, sans-serif font. Below it, in smaller text, are 'In Print', 'Online', and 'At Events'.		The logo for TRANSAS, featuring the word 'TRANSAS' in a bold, red, sans-serif font with a blue wave icon to the left. Below it, the tagline 'SETS THE STANDARD' is written in a smaller, blue, sans-serif font.	
Supporters			
The logo for the Singapore Maritime Authority, featuring a stylized figure holding a scale and a sword.	The logo for the International Maritime Organization (IMO), featuring the letters 'IMO' in a bold, blue, sans-serif font.	The logo for F.A.L.A. A.T.S.M., featuring the letters 'F.A.L.A.' above 'A.T.S.M.' in a stylized font.	The logo for the Singapore Maritime Academy (SMA), featuring the letters 'SMA' in a bold, blue, sans-serif font, with 'Singapore Maritime Academy' and 'SINGAPORE POLYTECHNIC' written below it.



WELCOME to the 3rd International ECDIS Conference and Exhibition

**Thank you for registering for the 3rd International ECDIS Conference
and Exhibition (IEC09).**

Co-organised by The Maritime and Port Authority of Singapore and The United Kingdom Hydrographic Office (UKHO), IEC 09 is being held at the **Regent Hotel Singapore** next week, from **19-21 October 2009**.

With the conference theme “ECDIS – Beyond Navigation”, you will be joining the international shipping community to take part in a series of essential debates which aim to provide a practical guide to the transition towards ECDIS mandation and also to assess the impact and benefits of ECDIS beyond its traditional navigation capabilities.

Conference topics focus on recent and future technological advancements, regulatory changes, training and the actual benefits that can be accrued by effective implementation of ECDIS on board the vessel.

Each day incorporates expert speaker presentations from industry-renowned figures, each of whom are speaking on one of five pertinent session topics. Each session will culminate in a lively and interactive panel discussion and audience Q&A session.

The organizers of IEC09 are delighted to welcome Melissa Hyak to join us for the duration of the event as our conference chair and anchor. Melissa has presented and produced current affairs programmes since 1998 and is currently co-anchor of Channel News Asia’s flagship news programme, Prime Time News.

We are confident that IEC09 will address what you as shipowners, management companies, fleet managers and marine superintendents really need to know to equip yourselves and your Fleet for the transition from paper to eNavigation.

We wish you a successful conference.

CONFERENCE PROGRAMME*

*please note, conference programme is subject to last minute change at the discretion of the Organizers.

TIME	ACTIVITY	VENUE
Monday 19 October 2009		
0830-1000	Delegate Registration	The Regent Royal Pavilion Ballroom Foyer
1000-1020	<p>Welcome by Conference Anchor Melissa Hyak, Channel News Asia</p> <p>OFFICIAL OPENING CEREMONY</p> <p>Opening Address by Guest-of-Honour, Mr Teo Ser Luck Senior Parliamentary Secretary, Ministry of Community Development, Youth and Sports and Ministry of Transport</p> <p>Launch Video</p> <p>Welcome Address by His Excellency Paul Madden British High Commissioner to Singapore</p>	The Regent Royal Pavilion Ballroom
1020 – 1050	Opening of Exhibition and tea	
1050 - 1230	<p>SESSION 1: WHAT'S NEW FOR ECDIS?</p> <p>ECDIS has been a regular feature on the maritime conference circuit since the early nineties but up to now the limitations of both the system and the official electronic chart data needed to run it have limited take up. So just what's changed to make the IMO confident enough to mandate it? This invaluable first session will look at the significant developments in both systems and charts over the last three years and set the scene for the international shipping industry's transformation from paper to e-Navigation.</p> <p>Keynote Address Captain Robert Ward, Director, International Hydrographic Bureau</p> <p>Presentation 1 – What Is New in ECDIS? Capt Hartmut G Hesse, Senior Deputy Director, Sub-Division for Operational Safety and Human Element, Maritime Safety Division, International Maritime Organization</p> <p>Presentation 2 - ECDIS Today Rear Admiral Ian Moncrieff, UK National Hydrographer, Deputy Chief Executive, The United Kingdom Hydrographic Office</p>	The Regent Royal Pavilion Ballroom

TIME	ACTIVITY	VENUE
	<p>Presentation 3 - ECDIS: An Opportunity Missed? Captain Douglas Bell, Deputy Director Maritime Affairs, Bahamas Maritime Authority</p> <p>Panel Discussion and Audience Q&A: Chaired by Melissa Hyak Captain Robert Ward, Capt Hartmut G Hesse, Rear Admiral Ian Moncrieff, Captain Douglas Bell</p>	
1230-1410	Lunch	The Regent Basilico / Summer Palace
1410-1515	<p>SESSION 2: ECDIS: TIME TO GET SERIOUS</p> <p>With less than 20% of SOLAS class vessels fitted with ECDIS, just when will shipping companies have to start taking ECDIS mandation seriously? What are the risks and rewards of action now? What do you need to know to make the right decision about when to switch your fleet? Just how much of a transformation might it be? Our industry-leading speakers and panelists from shipping, government and technology sectors will discuss views on the opportunities and benefits of an early transition to e-Navigation versus the 'wait and see' approach.</p> <p>Presentation 1 - Managing the Transition to ENCs Captain Gerry Larsson-Fedde, Hydrographer of Norway, Director General, Norwegian Hydrographic Service</p> <p>Presentation 2 - ECDIS- A SOLAS Contracting Government's Perspective Mr Ong Hua Siong, Assistant Director (Port State Control), Maritime and Port Authority of Singapore</p> <p>Presentation 3 - Benefits of ECDIS and its Dangers Captain Stanley Siaw, Marine Safety & Training Department Manager, APL Co Pte Ltd</p>	The Regent Royal Pavilion Ballroom
1515-1545	Tea and Exhibition	The Regent Royal Pavilion Ballroom Foyer
1545-1645	<p>SESSION 2: ECDIS: TIME TO GET SERIOUS (CONTINUED)</p> <p>Presentation 4 - Stolt Sagaland: 14 Months of Cost Effective Paperless Navigation Mr Sean Crowley, Electrical & Automation Manager, Stolt Tankers B.V.</p> <p>Panel Discussion and Audience Q&A: Chaired by Melissa Hyak Capt Gerry Larsson-Fedde, Mr Ong Hua Siong, Captain Stanley Siaw, Mr Sean Crowley</p>	The Regent Royal Pavilion Ballroom

TIME	ACTIVITY	VENUE
	Closing Remarks	
1800-2200	OFFICIAL CONFERENCE DINNER	Marina South Pier
Tuesday 20 October 2009		
0800-0915	DELEGATE RUN @ SINGAPORE BOTANICAL GARDENS (OPTIONAL)	Singapore Botanical Gardens
1015-1100	<p>SESSION 3: ECDIS: YOUR BUSINESS PARTNER</p> <p>Instead of a burdensome imposition, more and more shipping companies are now finding the switch to e-Navigation can be a trigger for greater cost efficiencies, better charter rates and more professional, more highly skilled crews. How should you think about e-Navigation? As a cost reduction opportunity? As a brand enhancer? Could you use technology to transform the effectiveness of fleet operations? Can e-Navigation really give you better financial results? The safety case has been made but is there a business case for ECDIS?</p> <p>Presentation 1 - ECDIS, More Than Just a Navigation System Mr Peter Mantel, Deputy Managing Director, Transas</p> <p>Presentation 2 - ECDIS: Practical Issues Onboard and Training Captain Sriram Rajagopal, QHSE Superintendent, Anglo Eastern Ship Management (Hong Kong)</p>	The Regent Royal Pavilion Ballroom
1100-145	Tea and Exhibition	The Regent Royal Pavilion Ballroom Foyer
1145-1300	<p>SESSION 3: ECDIS: YOUR BUSINESS PARTNER (CONTINUED)</p> <p>Presentation 3 - Opting for ECDIS: A Ship Owners Perspective Captain Dave Elliott, Marine Superintendent, Arklow Shipping</p> <p>Presentation 4 - Paperless Navigation: Better Now Than Never Mr Bhupesh Gandhi, Director, MARIS Asia Pacific</p> <p>Panel Discussion and Audience Q&A: Chaired by Melissa Hyak Mr Peter Mantel, Captain Sriram Rajagopal, Captain Dave Elliott, Mr Bhupesh Gandhi</p>	The Regent Royal Pavilion Ballroom
1300-1400	Lunch	The Regent Basilico / Summer Palace

TIME	ACTIVITY	VENUE
1400-1520	<p>SESSION 4: TRAINING FOR ECDIS</p> <p>Recent high profile incidents have raised the issue of training both in terms of systems and also ENC's. What is available in terms of training? What are the training considerations when transitioning from paper to e-Navigation? What's available? What's needed? What do you need to know to manage it well and what are the implications of getting it wrong?</p> <p>Presentation 1 - Training for ECDIS Mr Rob Grool, CEO, Wallem Group</p> <p>Presentation 2 – Training Needs Arising from Mariners' Feedback Mr David Patraiko, Director of Projects, Nautical Institute</p> <p>Presentation 3 - ECDIS in Stolt Tankers: Sophisticated Equipment requires Sophisticated Crew Captain Petter Brandt, Navigation Superintendent, Stolt Tankers B.V.</p>	The Regent Royal Pavilion Ballroom
1520-1545	Tea and Exhibition	The Regent Royal Pavilion Ballroom Foyer
1545-1745	<p>SESSION 4: TRAINING FOR ECDIS (CONTINUED)</p> <p>Presentation 4 - Managing the Transition Training from Paper Chart to ECDIS Captain Zakirul Bhuiyan, Senior Lecturer, Maritime Simulation, Warsash Maritime Academy</p> <p>Presentation 5 - ECDIS 2012: The Training Challenges Captain Gopala Krishnan / Captain Satinder Singh Viridi, Senior Manager (Maritime and Innovation Division) / Senior Lecturer, Singapore Maritime Academy</p> <p>Presentation 6 - ENC Production at a Glance: Insights from a CARIS ENC Production Trainer Mr Christian Fellingner, Asia Pacific Account Manager, CARIS</p> <p>Presentation 7 – Training for ECDIS Ms Jennifer Peart, Head of Admiralty Navigation Products and Services, United Kingdom Hydrographic Office</p> <p>Panel Discussion and Audience Q&A: Chaired by Melissa Hyak Captain Zakirul Bhuiyan, Captain Satinder Viridi, Mr Christian Fellingner, Ms Jennifer Peart</p> <p>Closing Remarks</p>	The Regent Royal Pavilion Ballroom
1830-2230	IEC DELEGATE RECEPTION HOSTED BY UKHO	Yantra

TIME	ACTIVITY	VENUE
Wednesday 21 October 2009		
0930-1115	<p>SESSION 5: ECDIS: BEYOND NAVIGATION</p> <p>Presentation 1 – The Next Challenge for the International Hydrographic Organization (IHO) and Hydrographic Offices: “Green” ECDIS for the Protection and Monitoring of the Marine Environment Dr Parry Oei, Chief Hydrographer, Maritime and Port Authority of Singapore</p> <p>Presentation 2 - ECDIS As a Component of E-Navigation, and the Human Element Mr Nick Lemon, Head of Navigation, Training & Human Element, Australian Maritime Safety Authority</p> <p>Presentation 3 - Production, Distribution and Application of ENC/ECDIS in Korea, Now and in Future Dr JJ Kim, Chief Executive Officer, e-MLX</p> <p>Presentation 4 - How the "Download Generation" Will Drive the Electronic Charting Experience in a New Direction Mr Michael J Casey, Vice President Geospatial Systems, IIC Technologies Inc</p> <p>Panel Discussion and Audience Q&A: Chaired by Melissa Hyak Dr Parry Oei, Mr Nick Lemon, Dr JJ Kim, Mr Michael Casey</p>	The Regent Royal Pavilion Ballroom
1115-1130	Tea and Exhibition	The Regent Royal Pavilion Ballroom Foyer
1130-1230	<p>SESSION 5: ECDIS: BEYOND NAVIGATION (CONTINUED)</p> <p>Presentation 5 Mr David Patraiko, Director of Projects, Nautical Institute</p> <p>Presentation 6 - The Future of Navigation Mr Mike Robinson, Chief Executive Officer, The United Kingdom Hydrographic Office</p> <p>Panel Discussion and Audience Q&A: Chaired by Melissa Hyak Mr David Patraiko, Mr Mike Robinson</p>	The Regent Royal Pavilion Ballroom
1230-1245	<p>Closing Address Dr Parry Oei, Chief Hydrographer, Maritime and Port Authority of Singapore</p>	The Regent Royal Pavilion Ballroom

TIME	ACTIVITY	VENUE
1245-1345	Lunch	The Regent Basilico / Summer Palace
1430-1700	TECHNICAL SITE VISITS (OPTIONAL)	Boat Tour, Pasir Panjang Ferry Terminal / Land Tour – POCC2 & ISC

CONFERENCE SPEAKER LISTING

Conference Anchor: Ms Melissa Hyak	Channel News Asia Primetime News Anchor
Guest of Honour: Mr Teo Ser Luck	Senior Parliamentary Secretary, Ministry of Community Development, Youth and Sports and Ministry of Transport
His Excellency Paul Madden	British High Commissioner to Singapore
Captain Robert Ward	Director, International Hydrographic Bureau
Dr Parry Oei	Chief Hydrographer, Maritime and Port Authority of Singapore
Mr Mike Robinson	Chief Executive Officer, The United Kingdom Hydrographic Office
Captain Hartmut G Hesse	Senior Deputy Director, Sub-Division for Operational Safety and Human Element, Maritime Safety Division, International Maritime Organization
Rear Admiral Ian Moncrieff	Deputy Chief Executive , UK National Hydrographer, The United Kingdom Hydrographic Office
Captain Douglas Bell	Deputy Director Maritime Affairs, Bahamas Maritime Authority
Captain Gerry Larsson-Fedde	Hydrographer of Norway, Director General Norwegian Hydrographic Service
Mr Ong Hua Siong	Assistant Director (Port State Control), Maritime and Port Authority of Singapore
Captain Stanley Siaw	Marine Safety & Training Department Manager, APL Co Pte Ltd
Mr Sean Crowley	Electrical & Automation Manager, Stolt Tankers B.V.
Mr Peter Mantel	Deputy Managing Director, Transas
Captain Sriram Rajagopal	Quality Health Safety and Environment Superintendent, Anglo Eastern Ship Management HK
Captain David Elliott	Marine Superintendent, Arklow Shipping Ltd
Mr Bhupesh Gandhi	Director, MARIS Asia Pacific

Mr Rob Grool	Chief Executive Officer, Wallem Group
Mr David J. Patraiko	Director of Projects, Nautical Institute
Captain Petter Brandt	Navigation Superintendent, Stolt Tankers B.V
Captain Zakirul Bhuiyan	Senior Lecturer, Maritime Simulation, Warsash Maritime Academy
Captain Gopala Krishnan PBM / Captain Satinder Viridi	Senior Manager (Maritime Simulation and Innovation Division) / Senior Lecturer, Singapore Maritime Academy
Mr Christian Fellingner	Asia Pacific Account Manager, CARIS
Ms Jennifer Peart	Head of Admiralty Navigation Products and Services, The United Kingdom Hydrographic Office
Mr Nick Lemon	Head of Navigation, Training & Human Element Ship Safety, AMSA
Dr JJ Kim	Chief Executive Officer, e-MLX
Mr Michael J Casey	Vice President Geospatial Systems, IIC Technologies Inc

CONFERENCE EVENTS

Speakers Reception: **SPEAKERS ONLY** (by invitation)

Sunday 18 October, 7.00pm – 10.00pm, Oosh@Dempsey

All speakers are invited to a specially hosted Speakers Reception which will be held on the evening of 18th October. This informal evening, hosted by MPA's and UKHO CEO's will provide a relaxed platform for speakers to network and get to know each other before the start of the conference.

Coaches will leave the Regent Hotel at 6.30pm and return at 10.00pm. Please meet in the hotel lobby.

Dress Code: Smart casual

Official Conference Dinner

Monday 19 October, 6.30pm – 10.30pm, Famous Crab King@ Marina South Pier

All delegates are invited to a Conference Dinner on the opening night of the conference on 19th October. As a relaxing social event, delegates will be encouraged to network and take some time to relax and enjoy their stay in Singapore.

Coaches will leave the Regent Hotel at 6.00pm and return at 11.00pm. Please meet in the hotel lobby.

Dress Code: Smart casual

IEC Delegate Reception at Yantra, Hosted by UKHO

Tuesday 20 October, 6:30pm – 11pm Yantra (food served from 7pm)

UKHO is pleased to invite all IEC conference delegates to an exclusive evening of food and entertainment at Singapore's renowned Yantra restaurant.

Yantra is situated on Tanglin Road, just two minutes' walk from the Regent Hotel. Delegates wishing to be directed to the restaurant should meet in the lobby of the Regent at 6:30pm.

Dress Code: Smart Casual

OPTIONAL CONFERENCE ACTIVITIES

Morning Jog at the Singapore Botanic Gardens

Tuesday 19 October, 0800 - 0915

The Singapore Botanic Gardens epitomises the tropical island's luxuriant parks. Spread over 52 hectares and close to the centre of the city, the Gardens showcases many outstanding plant collections. Highlights include the National Orchid Garden, the Ginger Garden, and the Evolution Garden. The numerous plant species, including many rare specimens, reflect the Singapore Botanic Gardens' richness and diversity of plant life.

Enjoy an active start to your morning with a leisurely jog around the Singapore Botanical Gardens, just a stone's throw away from The Regent Singapore. Towels and bottled mineral water will be provided at the Hotel after the end of the morning jog.

Meeting Point is the lobby of The Regent Singapore.

Technical Offsite Visits

Wednesday 20 October, 1430 - 1700

Two Technical Site Visits have been planned for the afternoon of Wednesday 21st October, following the close of IEC. As these site visits are held concurrently, delegates can join only **one** of the two Technical Site Visits. The duration of each site visit is approximately three hours inclusive of travelling time.

1. Boat Tour

A boat tour at Pasir Panjang Ferry Terminal will demonstrate the high density ENC areas.

Time : 2:00pm to 5:00pm
Venue : Pasir Panjang Ferry Terminal
Meeting Point : The Regent Singapore, Royal Pavilion Ballroom Foyer

2. Visit to POCC2

The Maritime and Port Authority of Singapore's Port Operations Control Centre (POCC) manages shipping traffic in the Singapore Strait and port waters. It operates a multi-radar Vessel Traffic Information System (VTIS), to provide a real-time picture of traffic situation in the Straits and port waters. The system employs Singapore Electronic Navigation Charts, displayed on high-resolution graphic computer terminals. A ship database system provides information on vessels' particulars. Operating 24 hours, the POCC operates a shore-based Global Maritime Distress and Safety System (GMDSS) facility to monitor distress alerts and calls from ships, and co-ordinate SAR operations. It also disseminates Maritime Safety Information (MSI) through the VHF, NAVTEX and SafetyNET systems.

Time : 2:00pm to 5:00pm
Venue : Port Operations Control Centre
Meeting Point : The Regent Singapore, Royal Pavilion Ballroom Foyer

CONFERENCE SPONSORS



Platinum Sponsor	Transas
Official Conference Media Partner	Seatrade Global / Seatrade Asia Online
Supporting Organisations	IHB, IMO, IALA, SMA
Conference Delegate Bags	Global Maritime and Port Services Pte Ltd
Conference Proceedings	TRIMBLE Navigation Singapore Pte Ltd
Luncheon Day 1	Geometra International Pte Ltd
Luncheon Day 2	Penta-Ocean Construction Co. Ltd
Luncheon Day 3	Hyundai Engineering & Construction Co Ltd
Technical Site Visit (Boat Tour)	Tian San Shipping (Pte) Ltd

LOGISTICS

Conference Location

The Regent Hotel, Singapore

1 Cuscaden Rd

Singapore, 249715, Singapore

+65 6733 8888

www.regenthotels.com



From Changi International Airport: The Regent Hotel is a 30-40 minute ride by car or taxi.

Taxis are available 24 hours a day from the hotel lobby staff, or Concierge desk.

Delegate Registration

Delegate registration will take place in the Pavilion Foyer lobby from 0830 on Monday 19 October. The conference area will be clearly signposted upon entrance to The Regent.

Delegate badges will be issued at time of registration.

Places for all optional conference activities can be booked at time of registration.

Conference Dress Code

Lounge suit (opening ceremony)

Business attire

Tea Breaks

Tea breaks will take place in the Foyer of the Pavilion Ballroom. All food served at tea breaks is strictly 'no pork, no lard'.

Lunch Breaks

Lunch will be served in two of The Regent's restaurants, Basilico and Summer Palace. Basilico serves a buffet spread which has an international flavour and is suitable for vegetarians.

Summer Palace serves Chinese food.

All food served at lunch is strictly 'no pork, no lard'.

Smoking Policy

The Regent is a non-smoking hotel.

Guests wishing to smoke may use the following areas:

1st Floor :

- SomethingToGo Outdoor Seating - Designated Smoking Area (1 table by the STG entrance).
- Hotel's Main Entrance - Recent-Designated Smoking Area which is opposite the Sotheby's.
- Hotel's Side Entrance (along Tomlinson Road) - 5 meter away from the entrance.

2nd Floor : Outdoor Balcony Area near Tomlinson Function Room

11th Floor : Regent Club Balcony

Cancellation of Delegate Spaces

We are pleased to announce that with over 300 registered delegates, IEC09 is now full. If you are no longer able to attend, please contact us by return in order that we may offer your space to those on our waiting list.