



MARITIME CONNECT
SEMINARS - TRAINING - CONSULTATION

Marine Accident Investigation and Safety Culture Seminar

Dubai

February 27th - March 1st, 2023

DAY 1

Monday 27th February, 2023

08:00 - 09:00

Registration

09:00 - 09:15

SAFETY FIRST- INTRODUCTIONS

09:15 - 09:50

ACCIDENT INVESTIGATION/FIRST STEPS

- Why Investigate accidents?
- Who should investigate
- Investigation agencies worldwide
- IMO and accident investigation
- Identifying Unsafe Conditions
- Why Safety Culture?
- No-Blame

09:50 - 10:45

HISTORICAL CONTEXT -CHECKLISTS-PERSONAL SAFETY

- Data collection overview
- The gaps that still exist
- Personal safety & Hazards
- Tools of the trade
- Accident reports, Old & New
- Case Study (Lake Carling)
- Checklists

10:45 - 11:00

Health pause

11:00 - 11:20

THE ACCIDENT INVESTIGATOR

- Attitude & Attributes
- Some best practices
- Powers & competencies

11:20 - 12:15

VOYAGE DATA RECORDERS-OTHER RECORDED DATA

- IMO anchors & Technical details
- Data ownership, recovery & access
- Data versus Evidence
- Downloading
- Other recorded data

12:15 - 13:15

Lunch break

13:15 - 14:45

THE INVESTIGATION PROCESS

- Before deploying
- Sequence of events & Definitions
- Accident Causation & Defenses
- Effort versus importance (Kletz)
- Sequence of events case study (Kent)
- Genesis of an unsafe act
- Basic risk assessment

14:45 - 15:30

RISK FUNDAMENTALS

- Why look at risk?
- Risk matrix & ALARP
- Risk concepts & definitions
- Other RA tools & RA workshop

15:30 - 15:45

Health Pause

15:45 - 16:45

HUMAN FACTORS

- Introduction + Kletz video
- Behavior & failure mode
- Error classification
- Human factors models

16:45 - 17:00

DAY RECAP AND QUESTIONS

DAY 2

Tuesday 28th February, 2023

09:00 – 09:15

REVIEW OF HUMAN FACTORS

- Error classification
- Behavior & failure mode
- Human factors models

09:15 – 09:35

REVIEW OF SEQUENCE OF EVENTS

- Identifying Unsafe Conditions!

09:35 – 10:50

WITNESSE INTERVIEWS

- | | |
|-------------------------------------|---------------------------|
| - Interview essentials | - Preliminaries |
| - Questioning & listening technique | - Deception detection |
| - Case study in closed questioning | - Interviewer's checklist |

10:50 – 11:05

Health pause

11:05 – 12:00

INVESTIGATING FOR FATIGUE

- Fatigue essentials
- Why STCW conformity is NOT an indicator for fatigue
- Alertness & performance degradation
- Assessing fatigue quantitatively & qualitatively
- Fatigue as a contributing factor
- Fatigue checklist
- Fatigue Case Study

12:00 – 13:00

Lunch break

13:00 – 14:15

SPECIAL CIRCUMSTANCES FIRE/GROUNDED/WATER INGRESS /SUNK

- Introduction to fire investigation
- Point of origin & fire patterns -Documenting a fire scene
- Collection & preservation
- Flame & smoke color indicators
- Other special cases

14:15 – 15:15

ORGANIZATIONAL & MANAGEMENT FACTORS

- | | |
|-------------------|------------|
| - O&M foundations | - The 4 Ps |
|-------------------|------------|

15:15 – 15:30

Lunch break

15:30 – 16:00

ORGANIZATIONAL & MANAGEMENT FACTORS (con't)

- O&M Data collection

16:00 – 16:50

REPORT WRITING

- | | |
|-----------------------|----------------------------|
| - Why report writing? | - Common report structures |
| - Some report tips | - Report writing process |
| - Analytical traps | - Annex & appendix |

16:50 – 17:00

DAY RECAP AND QUESTIONS

DAY 3

Wednesday 1st March, 2023

09:00 – 09:35

COSCO BUSAN DISCUSSION

- Was the interview effective?
- What are the problems?
- Qualitative information versus quantitative

09:35 – 10:00

REVIEW OF:

- Fatigue investigation
- Witness interviews
- O&M factors
- Report writing

10:00 – 10:50

SAFETY CULTURE FOUNDATIONS

- Historical context
- Safety Culture definitions
- Development & maturity models
- Case study (Bow Mariner)

10:50 – 11:05

Health pause

11:05 – 11:20

ISM & SAFETY CULTURE CONNECTIONS

- ISM key points
- Connections
- Safety as a value

11:20 – 12:00

SAFETY CULTURE CASE STUDIES

- O&M Review

12:00 – 13:00

Lunch break

13:00 – 13:45

SAFETY CULTURE CASE STUDIES (continued)

- Titanic
- BP Texas City Refinery Explosions
- CP Valour

13:45 – 14:45

BUILDING & SUSTAINING A SAFETY CULTURE

- Safety objectives
- ISM as a cornerstone
- Tools to measure & improve
- Beware signs of decline
- Case study (MOL)

14:45 – 15:30

WRAP UP/ REVIEW/QUESTIONS

15:30 – 16:00

SEMINAR CLOSING

Speaker



Capt. Paul Drouin is principal of SafeShip. Eleven years as a senior marine safety investigator with the Transportation Safety Board of Canada has given Paul extensive experience in marine investigations and a keen insight into organizational and management factors that contribute to accidents. Paul has attended IMO, has published work on brittle fracture in ship side shells as well as various articles for Seaways magazine. Paul is a contributing author and Academic Course Director for the Lloyd's Maritime Academy distance learning Diploma in Marine Accident Investigation. Since 2013, Paul has been acting editor for the Nautical Institute's monthly MARS supplement. Captain Drouin is a graduate of the Canadian Coast Guard College (1981), a Master Mariner and a Fellow of the Nautical Institute. He is still sailing as Master on a part-time basis.

Venue

Dubai

Venue will be confirmed 4 weeks before the start of the seminar.



Registration Form

Title / Salutation	<input type="text"/>	Country	<input type="text"/>
First Name	<input type="text"/>	Middle Name	<input type="text"/>
Last Name	<input type="text"/>	Phone Number	<input type="text"/>
Email Address	<input type="text"/>	Job Title	<input type="text"/>
Company Name	<input type="text"/>	Department	<input type="text"/>

- For registration, please fill the information above, scan and send to us by email to: training@maritime-connect.com
- To guarantee your booking, please scan and send receipt of payment by bank transfer no more than two days from date of registration.
- For multiple registration, please provide the above information for each participant, scan and send to us along with copy receipt of payment by bank transfer for all the participants by email to: training@maritime-connect.com

Fees

* The fee includes coffee breaks, lunches and course materials

* Accommodation and transportation or any other expenses should be arranged by the participant

- **Early Registration** (Early registration fee is applicable until 27 January 2023): **1575 US\$**
- **Standard Registration:** **1750 US\$.**
- **Group Registration:** 15% group discount is available for registering 3 or more participants. It cannot be combined with any other discount.

For more information, please contact us:

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