



ANNUAL OVERVIEW OF MARINE CASUALTIES AND INCIDENTS 2014

EMSA

CNTA 2015

Training and Qualification of Accident Investigators Directive 2009/18/EC on marine accident investigation

AI sector

Department B: Ship Safety Unit

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Directive 2009/18/EC Article 8

1-Safety Investigations shall be conducted... by suitably qualified investigators, competent in matters relating to marine casualties and incidents.

2-The investigative body shall ensure that individual investigators have a working knowledge of, and practical experience in, those subject areas pertaining to their normal investigative duties.

Directive 2009/18/EC Article 10

3(g)-(PCF) shall agree upon the best modalities of cooperation in order to organise relevant training activities for individual investigators

Regulation EU 1286/2011

B.1.1 Operational readiness (... sufficient suitably qualified investigators...)

Through the PCF

- **Annual invitation to submit needs**
 - Form including legal basis, current situation, overall goals, outline of the course, type of training, duration, attendees.
- **Analysis / feedback of collected needs**
- **Planning definition (budget...)**
- **Annual Feedback**

PCF representatives / Heads of AI bodies

- **Nomination of participants**

AI sector

- **Content development / management**
- **Course delivery**
- **Feedback from participants, PCF (annual)**

Training and Cooperation sector

- **Budget**
- **Contracts**
- **Actions for non EU beneficiaries**

Courses delivered

- **8 courses since 2010**
- **Number of participants: 110**
- **Overall Feedback: Very Positive**

Organisation

- **Contractor: NAB marine (UK)**
- **5 days**
- **1 per year**
- **16 pax per course**

- 1-Accident investigation purpose and key principles**
- 2-Operational readiness and the work processes**
- 3-Events and Contributing Factors Analysis**
- 4-Physical evidence collection**
- 5-The Human Element**
- 6-Witness Interviewing**
- 7-Evidence Analysis**
- 8-Accident site assessment, site hazard identification and risk assessment**
- 9-Developing Recommendations and follow up**
- 10-Reports**
- 11-EMCIP**

Courses delivered

- **4 courses since 2009**
- **Number of participants: 65**
- **Overall Feedback: Positive**

Organisation

- **Contractor: MAIB (UK)**
- **2 days since 2012**
- **1 per year**
- **30 pax per course**

- 1. Recovery and analysis of ECDIS data**
- 2. Legal provisions with regard to VDRs and other electronic evidence**
- 3. General systems architecture**
- 4. Data retrieval and playback**
- 5. The MAIB - MAIIF VDR Resource**
- 6. The Marine Accident Data Analysis Suite (MADAS)**

Short term

- **Refresher Course (3 days)**
- **Investigation Reports (2 days)**
- **Human Performance (2 days)**

Mid – Long term

- **Definition of harmonised training scheme**
- **Qualification of Accident Investigators**
 - EU MS responsibility
 - Shared activities EU MS / EMSA

Thank you for your attention...



www.emsa.europa.eu/implementation-tasks/accident-investigation.html

<https://emcipportal.jrc.ec.europa.eu/>