



Marine Accident Investigators'
International Forum

Lianne van der Veen – Chair of MAIIF
IMPA Congress – 23 April 2024

*Maritime Safety through
investigation and cooperation*





What is MAIIF

- Marine Accident Investigators' International Forum (**MAIIF**)
- is an international non-profit organization dedicated to the advancement of maritime safety and the prevention of marine pollution through the exchange of ideas, experiences and information acquired in marine accident investigation.
- Intergovernmental Organization (**IGO**) at the International Maritime Organization (**IMO**)



Purpose of
MAIF

....to promote and improve marine accident investigation, and to foster cooperation and communication between marine accident investigators.



Background of MAIIF

- An organization of senior accident investigators representing over 50 flag investigative bodies such as TSB Canada, USCG, NTSB, MAIB, DSB, BSU, TSIB and many more.
- It was founded in 1992 and meets annually.
- It has spawned regional groups: MAIFA, EMAIIF and AMAIF – and (hopefully) soon MAIIF Africa.
- It has been instrumental in developing and advocating the IMO Casualty Investigation Code(s), the Model Course and the MAIIF Investigation and Fire Investigation Manuals.



International context

- IMO Code for investigation of marine casualties and incidents (resolution A.849(20))
- IMO Casualty Investigation Code (Resolution MSC.255(84)) (Marine casualty or incident)
- EU Directive 2009/18/EC establishing the fundamental principles governing the investigation of accidents in the maritime transport sector



MSC.255(84)

IMO Casualty Investigation Code (Resolution MSC.255(84))

PART 1 General Provisions

Chapter 1 Para 1.2


A Marine Safety Investigation should be separate from, and independent of, any other form of investigation

“A marine safety investigation, as defined in the CI Code, is an investigation conducted with the objective of preventing marine casualties and marine incidents in the future, it does not seek to apportion blame or determine liability.”

Root cause analysis



Biases



“The point of an investigation is not to find where people went wrong – it is to understand why their assessments and actions made sense at the time” (Sydney Dekker 2002)



SHELL



S - Software

H - Hardware

E - Environment

L - Liveware



SHELL



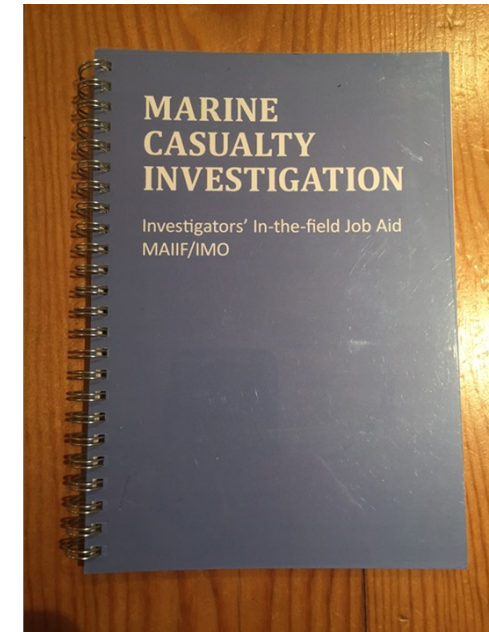
L – Liveware (central)

- ✓ Person: pilot, captain, AB, operator etc
- ✓ Central component of the model
- ✓ Most important element

Could the state of mind of this person have been of influence?

MAIIF - Achievements

- MAIIF Investigation Manual
- Model Course in Casualty Investigation
- Development of Voyage Data Recorders – Resource
- Development of posters on Enclosed Space Entry and Safe Navigation under pilotage
- Investigators' in-the-field Job Aid



MAIIF – www.maiif.org

MAI

THE MARINE ACCIDENT INVESTIGATORS' INTERNATIONAL FORUM

The Marine Accident Investigators' International Forum is dedicated to the advancement of maritime safety through the exchange of ideas, experiences and information. We promote and improve marine accident investigation and communication between marine accident investigators.

Download the MAIIF Charter here:

<http://maiif.org/wp-content/uploads/2022/01/MAIIF-Charter.pdf>

Download the MAIIF Strategic Plan here:

<http://maiif.org/wp-content/uploads/2020/01/MAIIF-Strategic-Plan.pdf>

MAIIF was established in June 1992 at a meeting in London where those who had a desire to further maritime safety through the exchange of ideas, experiences and information. Currently, the membership numbers some 500 from 100 countries.

1. To foster, develop and sustain a cooperative purpose of improving and sharing of knowledge and experience.
2. To improve maritime safety and the process of investigation.
3. To encourage through cooperation the related international instruments, where appropriate.

To this end, members meet annually, both regionally and globally, to discuss matters of mutual interest, networking and for putting 'faces to names', particularly with regard to the conduct of investigations.

MAIIF members are guided by the principles of the International Standards and Recommended Practices for a (Casualty Investigation Code) and IMO Resolution A.851/23 on the investigation of a maritime accident.

The MAIIF Charter sets out the Intent, purpose and objectives of MAIIF meetings.

Membership of MAIIF is open to a national or regional annual subscription.



OUR RESOURCES

Our resources section includes links to key documents and other guides. We also have a page for MAIIF members are guided by and provides a copy of a standard presentation which outlines the MAIIF process.

Our [Fire Investigation Manual](#) contains links to relevant resources and information.

INVESTIGATION MANUAL

[Download the MAIIF Investigation Manual](#)

INVESTIGATORS' JOB AID

[Download the Investigators' Job Aid](#) (PDF 25 pages)



ENCLOSED SPACE ENTRY

[Entry into enclosed spaces poster](#) (PDF 1.5MB)

[Entry into enclosed spaces screensaver](#) (PDF 1.5MB)

PILOTAGE SAFETY POSTER

[Pilotage Safety Poster](#) (PDF 893KB)

[MAIIF/IMP A Education Project](#) (PDF 1.5MB)



Our links section includes pages for:

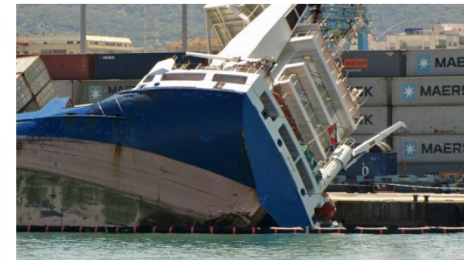
[IMO Lessons Learned](#).

[J-MARISIS](#).

[Members' Investigation Reports](#) and

[Recent Members' Safety Bulletins](#).

Additionally please see the MAIFA website at www.maifa.org for information about the Marine Accident Investigators' Forum in Asia.



Links

IN THIS SECTION

- [IMO Lessons Learned](#)
- [J-MARISIS](#)
- [Members' Investigation Reports](#)
- [Recent Members' Safety Bulletins](#)

UPCOMING MEETINGS

[EMAIF 16 – Copenhagen](#)
Dates to be Confirmed
– Copenhagen





Marine Accident Investigators'
International Forum

Questions?
Thank you!

www.maiif.org

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