

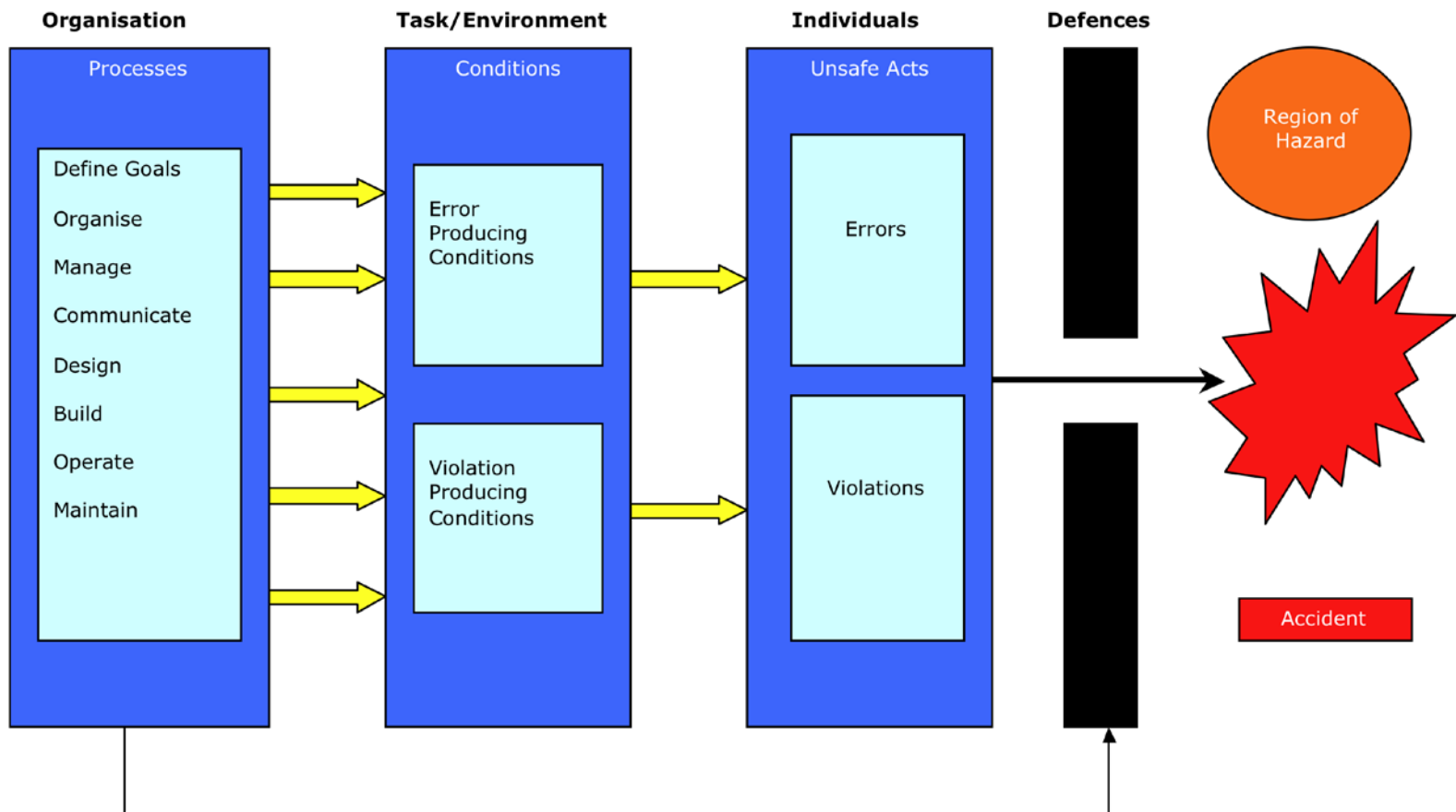


# The Necessity for Standardisation in the Maritime Industry

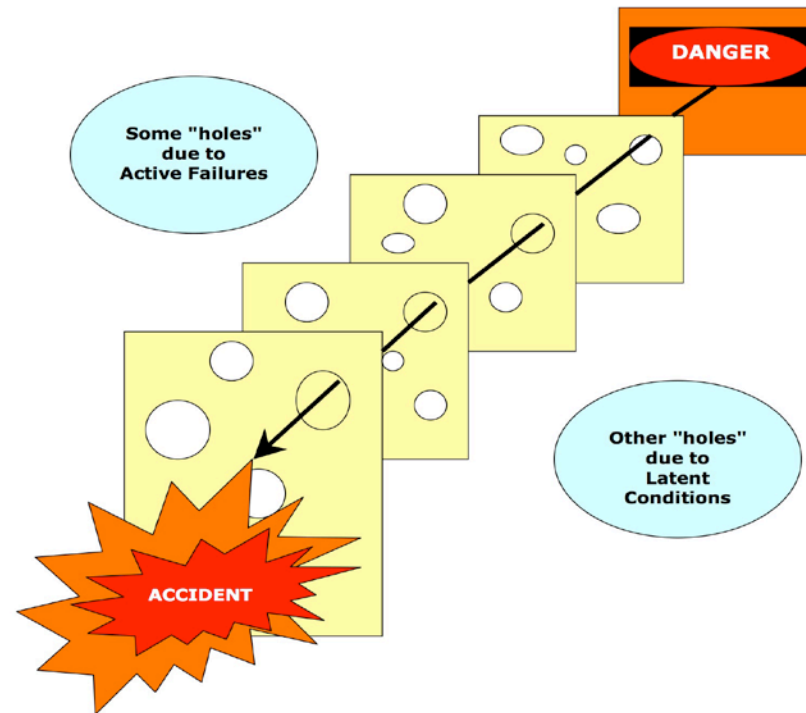
Capt. Timothy Crowch  
Nautical Institute London Branch  
HQS Wellington - 2<sup>nd</sup> December 2013

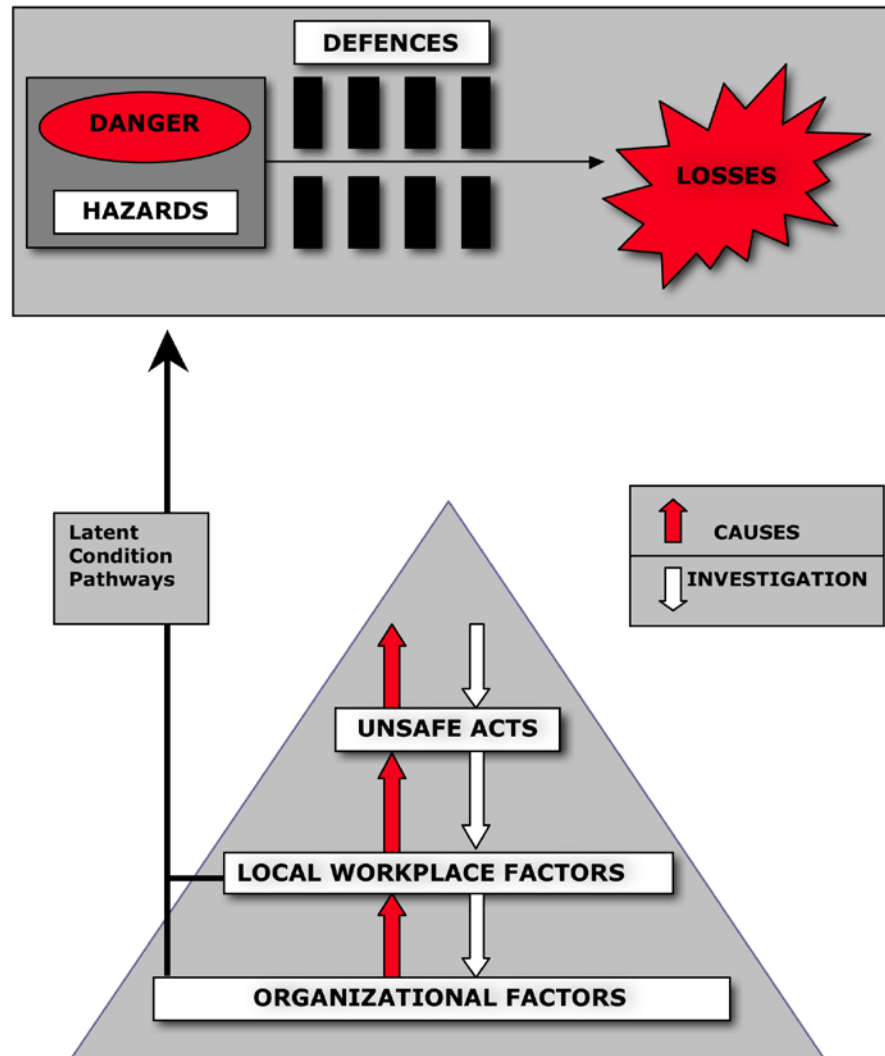
## The Organisational Accident

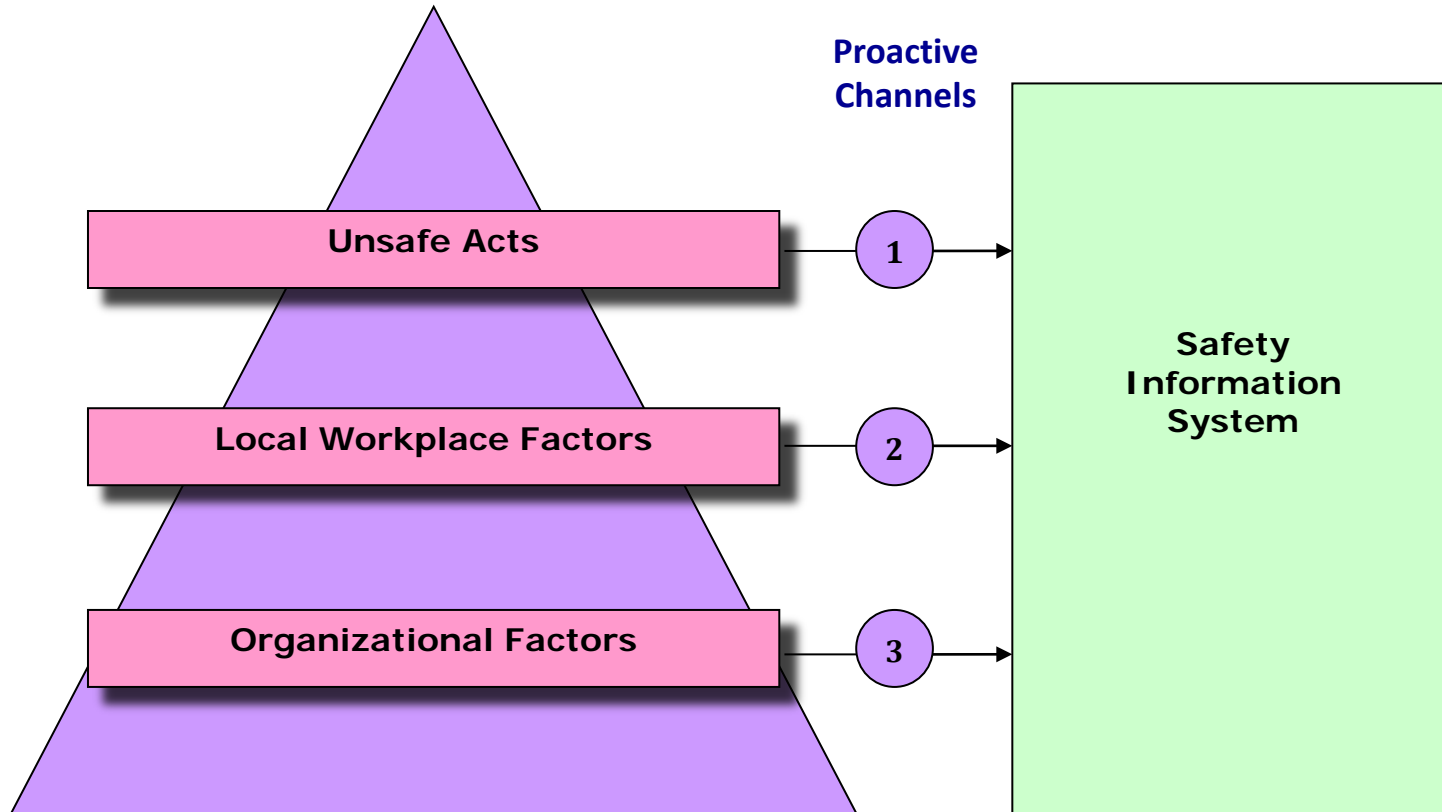
Prof. James Reason



The "Reason" Model  
Prof. James Reason







**The Candidate Areas for Proactive Process Measurement**  
**Prof. James Reason**



A320



A330



A380

## *The Philosophy of "Pro-Active Safety Management"*

- Safety Management = Risk Management
- Risk Control : Cost Control
- Cost Control : Efficiency
- Efficiency = Productivity
- Productivity = PROFIT



*Thank you*



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