

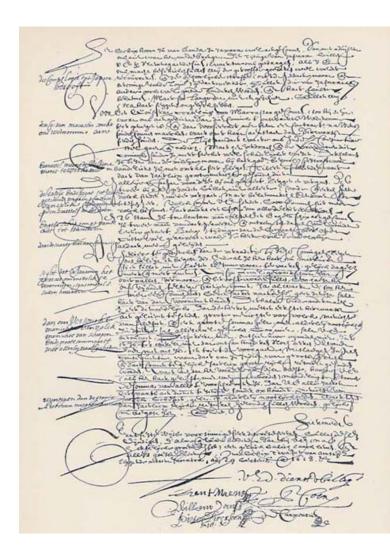
Are seafarers trained for the future?

The human element aspect seen from an international perspective

Topics of the presentation



- The roll of soft skills onboard ship
- Recent developments in shipping
- ► Consequences for crew competences
- ► Soft skills in the STCW Convention
- ► Are improvements possible?
- Recommendations to improve maritime education



The roll of soft skills onboard ship





Crash: a Tragic Misunderstanding?

Language Barrier Seen **As Factor in Collision**

Santa Cruz de Tenerife, Spain (UPI)-Spanish officials two jumbo jetliners and the control tower may have caused the





'Survival of the Fittest' on Flaming Plane



Recent developments in shipping







Consequences for crew competences



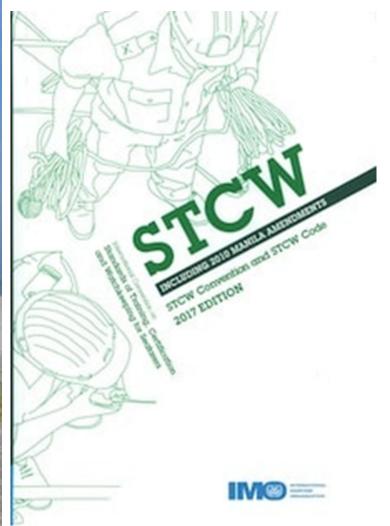




Soft skills in the STCW Convention







Are improvements possible? (strengthening safety culture)



PROGRESSIVE

Safety is key and is fully integrated into our work

INCREASE IN BEING INFORMED
We h

PROACTIVE

We are working on the problems we still find

CALCULATING

We have the system in place

REACTIVE

Safety is important, and we do a lot if something happens

PATHOLOGICAL

We're not worried as long as we do not get caught

IN RUST AND



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