# iala-aism

#### Secretary-General Francis Zachariae



#### Update on the IALA Risk Management Toolbox

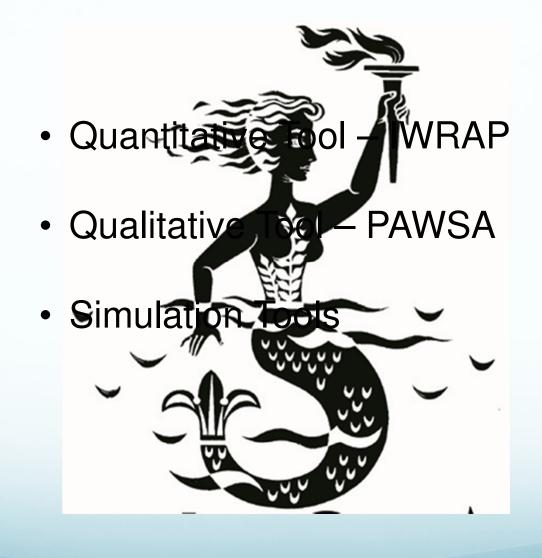
## A Brief History of IALA

- Technical lighthouse conference had been convened since 1929
- IALA was formed in 1957 as a technical association based in Paris to support the goals of those earlier conferences
- The organisation twoay wascelin St Germain-en-Laye, France, has a consultative, recommendatory, and technical nature and is a not for profit and non political international technical association with Non-Governmental Organisation status

## IALA buoyage Agreement

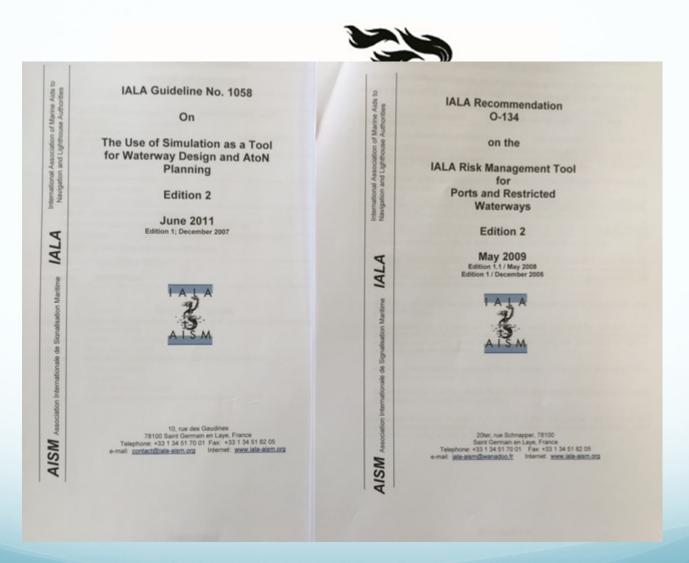


### **Risk Management Toolbox**





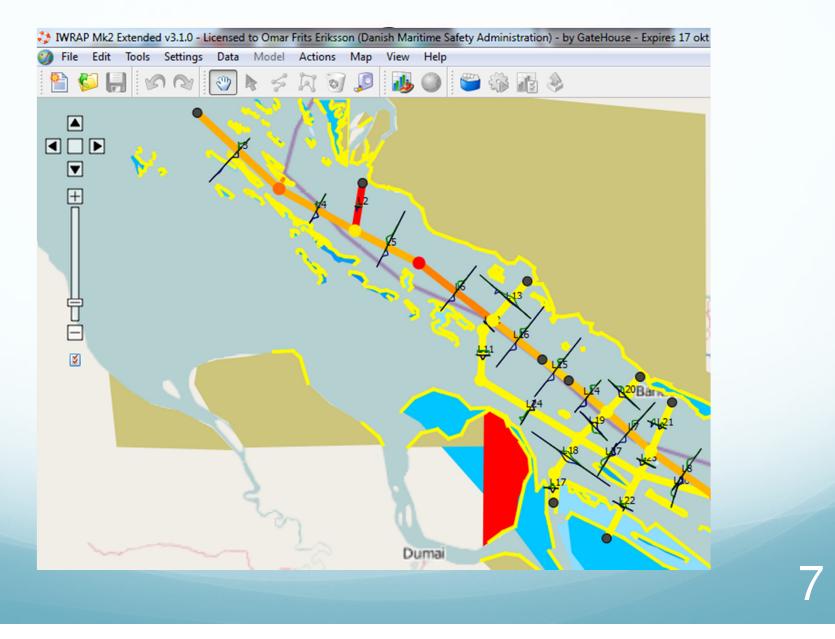
### **IALA Recommendation and Guideline**



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### IWRAP Mk II



### Port and Waterway Safety Assesment tool (PAWSA)

Waterway Risk Model					
Vessel Conditions	Traffic Conditions	Navigational Conditions	Waterway Conditions	Immediate Consequences	Subsequent Consequences
Deep Draft Vessel Quality	Volume of Commercial Træffic	Vinds	Visibility Imposiments	Personnel Injuries	Health and Safety
Shallow Draft Vessel Quality	Volume of Small Craft Traffic	Wate lovement	Dimensions	Petroleum Discharge	Environmental
Commerical Fishing Vessel Quality	Traffic Mix	V Sibility Restriction	u bu tom V ype	Hazardous Materials Release	Aquatic Resources

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## Simulation



#### IWRAP case study Batu Berhenti area

