



Bringing out the Best in People in the Tug Simulator Training Environment

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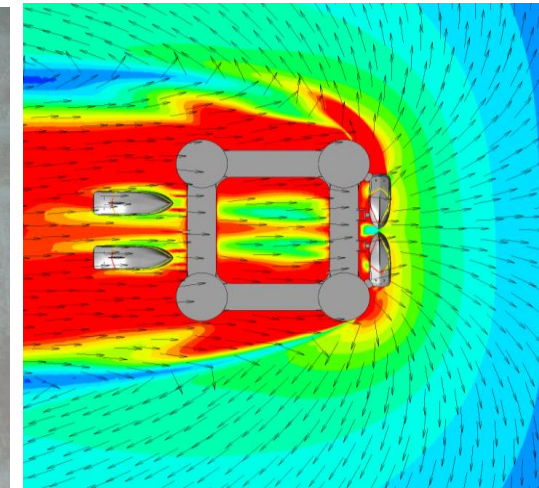
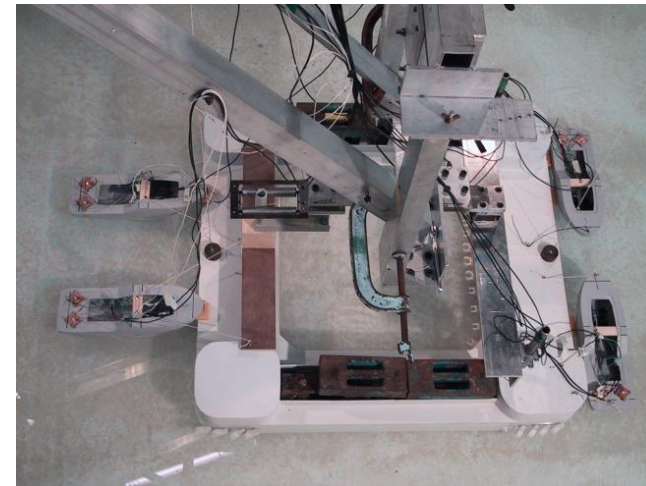
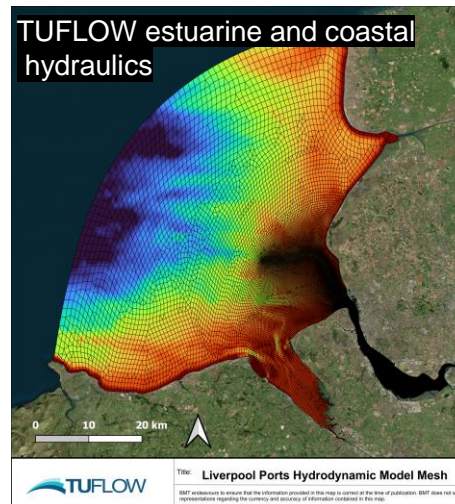


BMT at a glance



1,300 people

Independent:
Employee Benefit
Trust



Topics

- REMBRANDT Tug Simulators: Deep immersiveness & modelling fidelity
- The Human Element and Behaviour in Training



Enhancing Situational Awareness in Training

Integrated Platforms (short and onboard)

Five DnV Class A simulators

Deeply Immersive 360⁰
immersive tug simulators

Designed for ease of mutually
observing stakeholder
behaviours



Advanced Modelling

S-100 hydraulics incl. dynamic water
levels and 3D currents

Vessel hydrodynamics and stability
Interactions ship-tug; bank, shallow
water, dynamic squat



Training & Lessons Learned

Integrated tug master and pilot training /
Offshore tugging and towing / ship
assistance

Oil rig and platform moves in restricted
channels

VDR/PPU interfaces: Incident
reconstruction: "what would have
happened if" scenarios.

MAIB
MARINE ACCIDENT INVESTIGATION BRANCH



Best Practice Habits

Training Consultancy Services

Mac Macindoe
Principal Training Consultant
(Capability Lead)



Empowering the Workforce. Building Capability. Delivering Success.



The challenge for Tug Boat Owners

You start out with this.....

But you really want this.....



EXPERIENCE



Applied Behaviour Analysis



30-70%

The Synthetic Training Environment – HiFi and Fluency





Thank You

Bringing Out the Best in People Using the Synthetic Training Environment

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