



Technicalities and Applications of a spectacular set of Boomeranger Fast Craft Simulators

CRUDEN IN A NUTSHELL

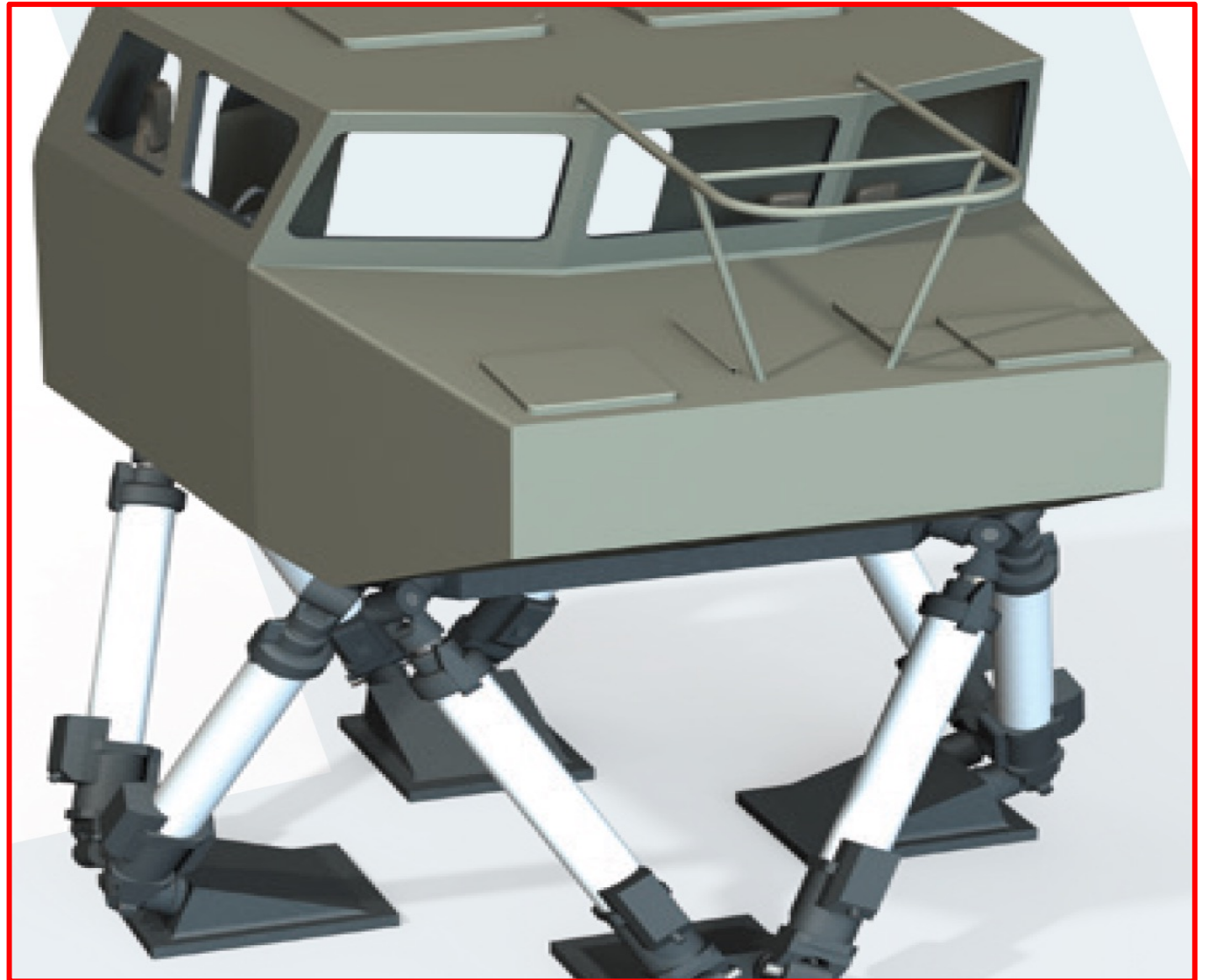
- Established in 2004
- 50 employees
- Key player in automotive industry and motorsports
- Since 2015 in maritime training simulation
- Global installed base >120 systems
- Simulators that emotionally engage
 - Visual & Sound
 - Motion
 - Haptics
 - Look and feel



EXAMPLE PROJECTS



STANDARD CONFIGURATIONS



CRUDEN AT HSBO AND MARITIME CUSTOMERS

- Present since Lisbon, 2015
- Normally bring a demo simulator system for trials because experiencing is believing
- No simulator available this year
- This presentation has video's. If not in this presentation request download at mvd@cruden.com

- 4 Fast Craft Simulator projects awarded and installed
- Several projects in the pipeline



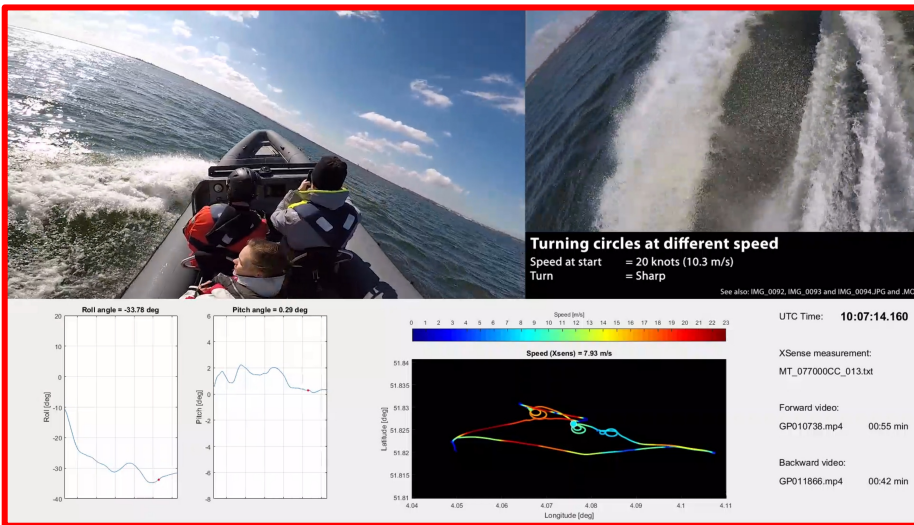
APPLICATIONS OF FAST CRAFT SIMULATOR EDUCATION / TRAINING

- To make on-the-water-training more effective:
- Craft Familiarization for all crew
- (Emergency) procedure training
- High Speed Navigation
 - Plotter & Radar
 - Comms
 - Electro optics
- Launch and recovery
- Approach, Pacing & Interception (joint exercises)
- MOB, Search patterns, Fire and maneuvering



TECHNICALITIES

- Best in class visual system 120 Hz, very low latency
- Dedicated motion system design for Fast Craft
- Validated dynamic performance
- Accurate sea surface simulation
- Ship-Ship interaction
 - Bow and stern wake, prop wash
 - Fendering
 - Lee side
- OEM nav, radar and comms integration
- Data driven After Action Review



THANK YOU

