

HIGH-SPEED CRAFT: HUMAN FACTORS, SHOCK MITIGATION AND BOAT DESIGN

*A symposium and workshop to address
legislative, performance and injury issues*

Organised by: Human Sciences & Engineering Ltd
February 21st and 22nd 2005.
Venue: RNLI College, Poole, UK.



Objectives (1)

- Highlight the human factors limitations of HSC operations
- Highlight current research being undertaken
- Outline the proposed EU vibration-at-work legislation



Objectives (2)

- Produce consensus statements on the following topics:
 - Shock and vibration measurement and analysis techniques specific to HSC to allow valid comparisons of data collected from different sources.
 - The implementation of the EU vibration at work legislation for HSC
 - Motion-induced-fatigue/performance degradation experienced on HSC and its assessment techniques.
 - Modeling of the risk of injury from shock and vibration



Objectives (3)

- Identify a roadmap for future research to enhance HSC operational performance
- Networking opportunity to enhance cooperative and collaborative working
- Identify methods for facilitating future collaboration/cooperation between organisations/agencies
- Disseminate the outputs of the meeting



Programme – Day 1

- Seminar presentations
- Lunch
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- Break-out session
- Pre-dinner 'case study' presentation
- Dinner



Programme – Day 2

- Workshops
- Lunch
- Workshop feedback
- EPSRC / Industry meeting



The end-user perspective: been there – done that

Jon Hill; RM Poole

