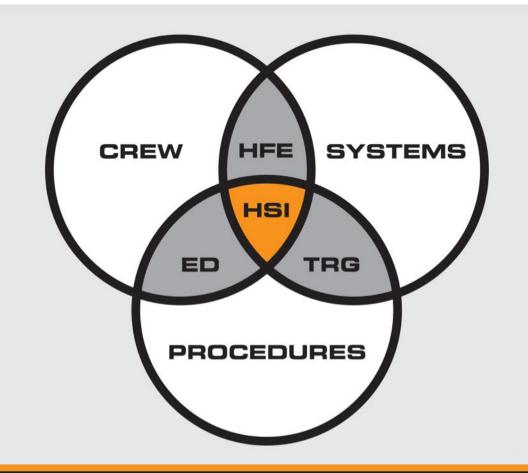
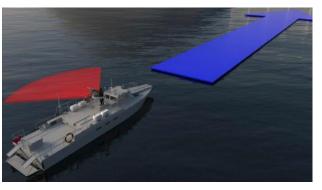
20KT5(+)

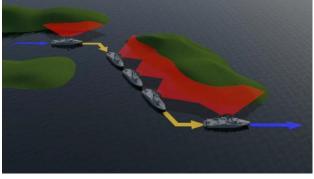


Dr Trevor Dobbins



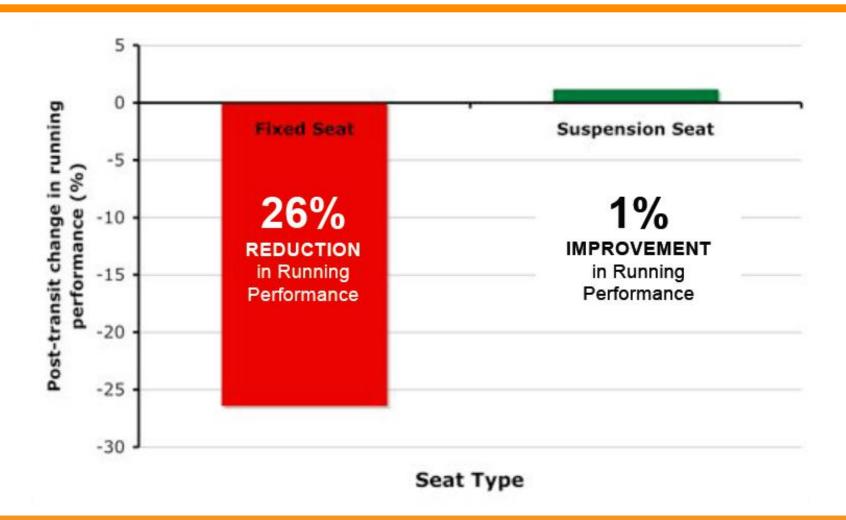




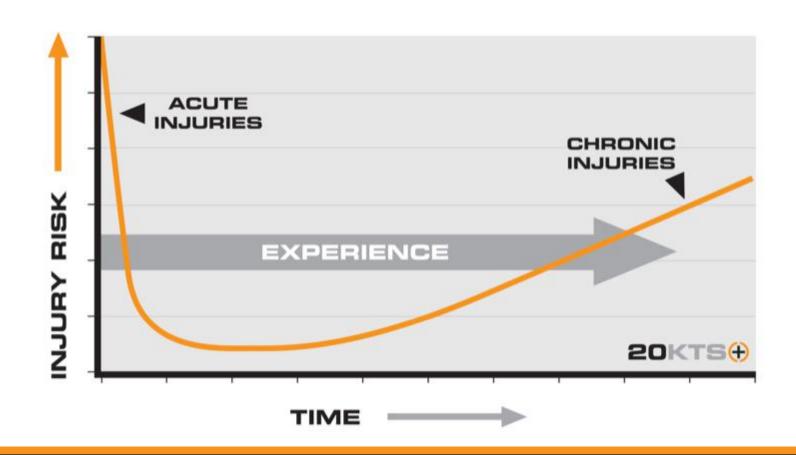




FATIGUE



RACI: RISK OF ACUTE & CHRONIC INJURY



2013: US Navy, Special Warfare Crewman

Musculoskeletal Injuries: 31% per year

- Most common = Spine: 38 %
- Specific locations:
 - Lower spine = 20%
 - Knee = 18 %
 - Shoulder = 18%
- 69% identified as preventable



WBV & RS LEGISLATION





MARINE GUIDANCE NOTE

MGN 353 (M+F)

The Merchant Shipping and Fishing Vessels (Control of Vibration at Work) Regulations 2007

Notice to all Ship and Fishing Vessel Owners, Operators and Managers and other employers of seafarers; Masters, Officers and Ratings of Merchant Ships; and Skippers and Crew of Fishing Vessels, Small Commercially Operated Vessels and Yachts with Paid Crew.



MARINE GUIDANCE NOTE

MGN 436 (M+F)

WHOLE-BODY VIBRATION: Guidance on Mitigating Against the Effects of Shocks and Impacts on Small Vessels.

Notice to all builders, owners, managers and operators of all small vessels.

RISK MITIGATION HIERARCHY

Elimination

Substitution

Engineering Controls

Administrative Controls

Personal Protective Equipment



PERSONAL PROTECTIVE EQUIPMENT



EXO-SKELETON



MARINEMOJO (+)



INNOVATION: TECH-TRANSFER





HOW IT WORKS

CUSTOMER FEEDBACK

NEWS

STOCKISTS / AGENTS 🔭





HEAD PROTECTION

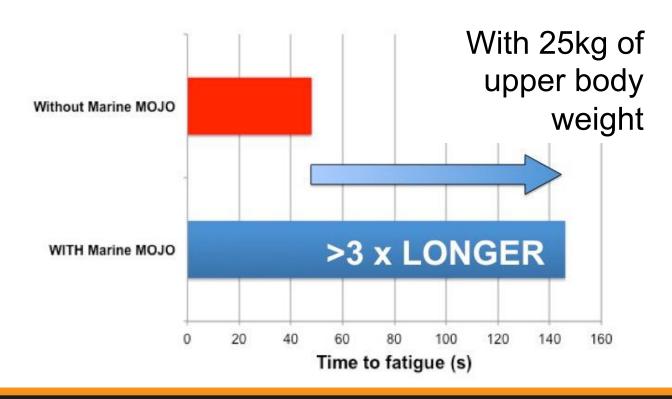
LIFE JACKET

IMMERSION SUIT

EXO-SKELETON

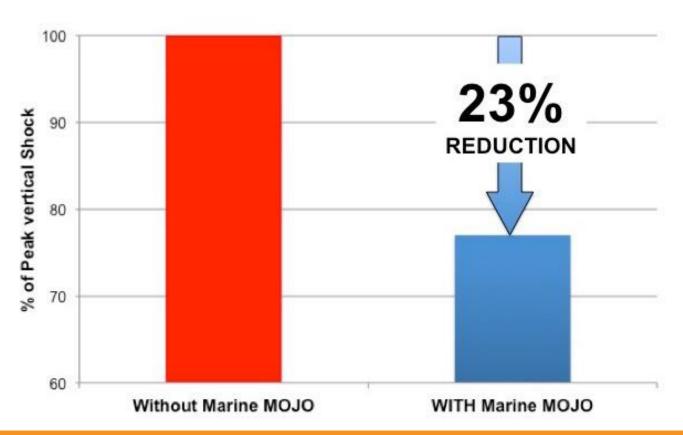
LABORATORY TESTING

FATIGUE



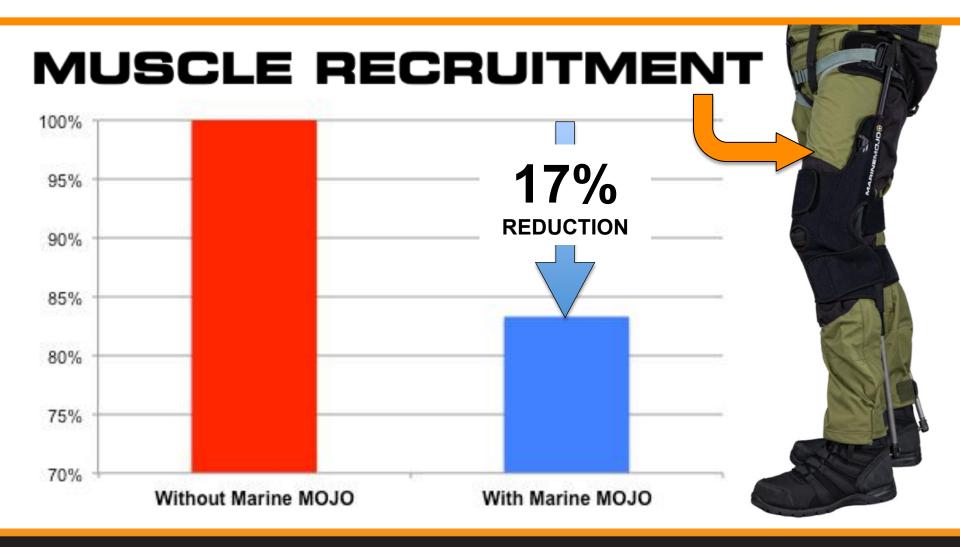


SHOCK & IMPACT





2015





- MULTIPLE MARITIME USES
- NO POWER REQUIRED
- LIGHTWEIGHT (1KG)
- COST EFFECTIVE
- EASY TO USE

- EASY TO WALK WITH
- SIZE ADJUSTABLE
- ADAPTABLE TO FOOTWEAR
- FITS OVER CLOTHING
- PROTECTS AROUND THE BOAT

REDUCES:

- FATIGUE
- RISK

SUPPORTS:

- LEGAL COMPLIANCE
- ALARP: As Low As Reasonably Practicable
- DUTY-OF-CARE

