

Marine

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SHOCK MITIGATION

24 Hurn Road
 Christchurch, Dorset
 United Kingdom BH23 2RN
 Telephone: +44 7813 208222
 E-mail: info@shockmitigation.com
 Website: www.shockmitigation.com
 CEO/President: John Haynes



THE HOUR OF POWER



THE COMPANY:

The company provides marine organizations, boat builders and equipment manufacturers with relevant subject matter expertise plus an independent overview of how this sector is rapidly changing. For OEM boat builders and equipment manufacturers, Shock Mitigation addresses strategic product development requirements regarding high speed craft, marine and special projects. The aim is to work with new and experienced clients to develop new technologies, products and processes relevant to the end user. For professional maritime organizations operating fast boats Shock Mitigation delivers expertise to increase efficiency, reduce injury and reduce the risk of damaging litigation. The objective is to maintain the operational performance of boats and equipment, while improving the overall approach to crew safety. Following the introduction of global emissions regulations in 2015 the company has developed 'The Hour

Of Power' hybrid concept, combining diesel - battery - electric, which has the potential to reduce fuel consumption and vessel emissions across all maritime sectors worldwide. Shock Mitigation founded the RIB and High Speed Craft Directory as an open access online resource that brings together specialist boats, equipment and new technology for maritime professionals. RIB & HSC eNews and eArticle give insight to significant issues for the fast boat sector worldwide.

PRIMARY PRODUCT / SERVICE:

Shock Mitigation brings together market analysis, communication, training and specialist online resources that link manufacturers and international decision makers in the sub IMO sector (sub 80 feet / 24 meter). Consultancy and strategic product development services are delivered to provide rapid clarification of problems and to identify solutions to overcome them. Typical clients include the owners and operators of SME companies,

established blue chip companies and venture capitalists seeking to enter new sectors. The company delivers accelerated knowledge transfer by conferences, workshops and specialist in-house events that are designed to engage with various groups. Relevant stakeholders include boat operators, boatbuilders, engine manufacturers, mechanical and electrical engineers, naval architects, the defense sector, government bodies and maritime legislators. Next generation solutions include the utilization of hybrid power and propulsion. The aim has been to identify the potential of various technologies for specific sectors. Viable solutions include combined diesel / electric / battery systems for workboats, wind farm support vessels, pilot boats, patrol craft, survey vessels, superyacht tenders and unmanned craft. During 2015 and 2016 Shock Mitigation brought together an international group of experts armed with the latest knowledge to assist the professional sector to develop optimal power and propulsion systems that reduce costs and increase efficiency for fast craft worldwide. 'The Hour of Power' is a simple and effective concept that could reduce fuel costs and emissions by around 20% in the professional maritime sector worldwide.

THE CASE:

Shock Mitigation combines next generation innovation with the delivery of practical solutions across various maritime sectors around the world. Specialist knowledge gained in government and professional sectors is utilized to create viable working practices that improve efficiency and reduce costs in the commercial sector. Shock Mitigation MD, John Haynes, won the prestigious Seawork award – Maritime Professional of the Year 2016.



Company	Page	Company	Page
ABS	8	MAN Engines & Components	69
ACR Electronics	12	MarineCFO	73
Advanced Mechanical Enterprises	18	Mascoat	73
All American Marine	12	Massachusetts Maritime Academy	43
Alternative Marine Technologies	12	Master Marine, Inc.	63
Baker, Lyman & Co.	18	McAllister Towing	75
Bieir Integrated Systems	18	McDonough Marine Service	75
Blount Boats	10	Metal Shark Boats	70
BlueTide Communications	21	MetalCraft Marine, Inc.	67
Bouchard Transportation	50	Moose boats	44
Bristol Harbors Group	10	MOPS Marine License Insurance	68
Brunswick Commercial & Government Products	16	Nabrico	68
Caterpillar Marine	58	Nautican	72
ClassNK America	24	Nichols Bros.	44
Compliance Maritime	22	Northern Lights, Inc.	71
Conrad Shipyard	14	Omnithruster, Inc.	72
Continental Underwriters, LLC	22	Pacific Power Group	74
CR Ocean Engineering LLC	14	Patterson Manufacturing, Inc	77
Crowley Maritime Corp.	50	R.W. Fernstrum & Company	79
Cummins Marine, Inc.	22	Reintjes GmbH	74
DA West	29	RIBCRAFT	77
David Clark Co.	20	Robert Allan LTD	78
Dometic Marine	20	Safety Management Systems , LLC	80
Eastern Shipbuilding Group	32	Schoellhorn-Albrecht Machine Co.	79
Elastec	26	Schottel GmbH	76
Floscan Instrument Co.	30	Scienco/FAST	76
GE Marine Transportation	26	SeaSchool	85
Gibbs & Cox	28	Sherwin-Williams Protective & Marine Coatings	81
Gladding Hearn	28	Shock Mitigation	86
Glosten	36	Sennebogen LLC	80
Guido Perla & Associates, Inc.	33	SUNY Maritime College	82
gpLink	30	Superior-Lidgerwood-Mundy Corporation	81
H.O. Bostrom Company Inc.	30	The Shearer Group, Inc.	85
HMS Global Maritime	40	Thrustmaster of Texas, Inc.	82
Horizon Shipbuilding, Inc.	42	Tidewater Transportation and Terminals	89
Hornblower Cruises & Events	50	TPG Maroine enterprises, LLC	83
Hydrex	42	Tri-State Coating and Machine Co., Inc.	84
Hydrocomp, Inc.	34	Tube-Mac Piping Technologies Ltd	84
Inland Marine Service	64	United States Marine, Inc.	87
International Paint	64	VescoPlastics	89
Jagco Industries	34	Victaulic	88
John Deere Power Systems	65	Viega LLC	91
Karl Senner, LLC	34	Vigor	44
Kirby Inland Marine	62	Viking Systems International, Inc.	88
Kluber Lubrication	66	Voith Turbo	91
Kohler Marine	38	Volvo Penta	58
KRAL-USA, Inc.	38	West Kentucky Community & Technical College	88
Krill Systems, Inc.	66	XL Catlin	90
Laborde Products	38	Yanmar	58
Larson Electronics LLC	41	ZF Marine Propulsion Systems	90