

# LIST OF EXPERTS AND AREAS OF EXPERTISE

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## MAIN POINTS OF CONTACT

LONDON	LONDON	SOUTHAMPTON
<b>Dennis Kelly</b> Executive Chairman :: Maritime Civil Engineer E: <a href="mailto:d.kelly@waves-group.co.uk">d.kelly@waves-group.co.uk</a> Mob: +44 7921 261772	<b>Nigel James, SCR</b> Operations Director :: Master Mariner E: <a href="mailto:n.james@waves-group.co.uk">n.james@waves-group.co.uk</a> Mob: +44 7764 470700	<b>Simon Burnay, SCR</b> Chief Executive Officer (CEO) :: Naval Architect E: <a href="mailto:s.burnay@waves-group.co.uk">s.burnay@waves-group.co.uk</a> Mob: +44 7855 420057
<b>24 / 7 GLOBAL EMERGENCY RESPONSE +44 (0)20 7083 7266</b>		
SINGAPORE	HOUSTON	ROTTERDAM
<b>Jeroen Overbeek</b> APAC Regional Manager :: Maritime Civil Engineer E: <a href="mailto:j.overbeek@waves-group.sg">j.overbeek@waves-group.sg</a> Mob: +65 8353 6260	<b>Stanislav Ivanov</b> Vice President Houston :: Master Mariner E: <a href="mailto:s.ivanov@waves-group.us">s.ivanov@waves-group.us</a> Mob: +1 832 865 1644	<b>Diederik van Keulen</b> General Manager Rotterdam :: Master Mariner E: <a href="mailto:d.vankeulen@waves-group.nl">d.vankeulen@waves-group.nl</a> Mob: +31 655 785047


## AREAS OF EXPERTISE

- Independent marine consultants - extensive range of specialist consultancy services for shipping and offshore energy industries.
- Comprehensive casualty management and investigation services, from first response through to expert opinion for litigation.
- Casualty attendance and management services to stabilize the situation, mitigate losses and project management towards a successful outcome.
- Significant capabilities for digital evidence (AIS, VDR etc.), Business Interruption (BI) analysis, high-quality digital surveys (using phones, drones, UAVs) for assessing condition of damaged assets and remote surveys using Virtual Survey apps.
- Enhanced expertise including LNG and fire experts, plus growth of team in Singapore / Rotterdam.

24-hour Global Coverage



## KEY EXPERTISE (Click on links for more info)



[Casualty Project Management & Investigation](#)



[Salvage & Wreck Removal](#)



[FFO & Cranes](#)



[Offshore Energy](#)




[Digital Evidence, Surveys & Visualisation](#)



[Marine & Nautical](#)



[Naval Architecture](#)



[Marine Engineering](#)

AREAS OF EXPERTISE	MAIN CONTACT:	EXPERTS
<b>CASUALTY, SALVAGE &amp; WRECK REMOVAL</b>		
<ul style="list-style-type: none"> <li>○ Provision of SCR for LOF / SCOPIE Contracts.</li> <li>○ Marine Salvage operations / attendance.</li> <li>○ Collisions, groundings, allisions.</li> <li>○ All aspects of Wreck Removal projects.</li> <li>○ Vessel surveys &amp; condition assessment.</li> <li>○ ITT development &amp; management.</li> <li>○ Oil removal and pollution response (IMO Tier III)</li> <li>○ Cargo loss, recovery &amp; clean-up, incl. containers.</li> <li>○ Project management - Technical &amp; Commercial</li> <li>○ Client Representatives</li> <li>○ Casualty Naval Architecture</li> <li>○ Marine Fire Response &amp; Investigation incl. HAZMAT / Chemist</li> </ul>	<p>Allan Stuart, SCR +44 (0) 7810 715635 <a href="mailto:a.stuart@waves-group.co.uk">a.stuart@waves-group.co.uk</a></p>	<p>Allan Stuart, SCR Simon Burnay, SCR Nigel James, SCR Sebastian Coppes, SCR Giacomo Pison Chris Zammit Brian McJury Stanislav Ivanov (Americas) Rajesh Raman (Singapore) Anthony Van Damme Tushar Potey Paul Coates (Marine Fire / HAZMAT)</p>
<b>FIXED &amp; FLOATING OBJECT DAMAGE</b>		
<ul style="list-style-type: none"> <li>○ Full project management.</li> <li>○ Investigation into cause, including nautical &amp; engineering aspects.</li> <li>○ Site inspections (including diving).</li> <li>○ Assessment of damage &amp; scope of repair.</li> <li>○ Cost estimates and quantum.</li> <li>○ Management of repairs (tendering, contract administration and monitoring of works).</li> <li>○ Final claim reviews</li> <li>○ Business interruption analysis.</li> <li>○ Examples of FFO types and issues below. <ul style="list-style-type: none"> <li>- Shore-side cranes and equipment (mobile, gantry, STS, reach stackers, straddle carriers, RTGs)</li> <li>- Port structures (e.g. berths, wharfs, quay walls, jetties, dolphins, fenders)</li> <li>- Pontoons, Ro-Ro ramps and link-spans</li> <li>- Loading arms (Chiksan)</li> <li>- Breakwaters (Caisson, rubble mound etc.)</li> <li>- Sub-sea pipelines</li> <li>- Sub-sea cables (power and communication)</li> <li>- Single Point Moorings (SPM), SBM's, CALM buoys</li> <li>- Inland waterways (embankments, revetments and bund walls, locks and lock gates)</li> <li>- Bridges</li> <li>- Dredging operations</li> <li>- Waterfront assets, such as buildings</li> <li>- Reefs and damage to marine habitats</li> </ul> </li> </ul>	<p>Rob Williams +44 (0) 7894 075400 <a href="mailto:r.william@waves-group.co.uk">r.william@waves-group.co.uk</a></p> <p>Gavin Dickson +44 (0) 7733 304572 <a href="mailto:g.dickson@waves-group.co.uk">g.dickson@waves-group.co.uk</a></p>	<p>Rob Williams Gavin Dickson Dennis Kelly David Close Julian Hodnett Allan Schultz (Americas) Jeroen Overbeek (Singapore) Brian Armour (Singapore)</p> <p>Martin Pownall Alan Martin (Crane Specialists)</p> <p>Ming Tsang (Subsea Cable Specialist)</p> <p>Lynne Barratt (Reef Specialist)</p>

AREAS OF EXPERTISE	MAIN CONTACTS:	EXPERTS
<b>MARINE &amp; NAUTICAL</b>		
<ul style="list-style-type: none"> <li>○ Charter-Party Disputes</li> <li>○ Unsafe berth and port claims</li> <li>○ Collisions, Groundings and contacts</li> <li>○ Seamanship and navigation</li> <li>○ Seaworthiness</li> <li>○ Cargo Matters: <ul style="list-style-type: none"> <li>- Dry bulk, liquid bulk, container, general and project cargoes.</li> <li>- Cargo suitability and hold cleanliness.</li> <li>- Quality / quantity.</li> <li>- Cargo damage / loss.</li> <li>- Container stack collapses / losses</li> </ul> </li> <li>○ Specialists in container ship &amp; terminal operations</li> <li>○ Responsibilities of Master, Owners, Charterers</li> <li>○ ISM, Safety Management</li> <li>○ Ship-handling and pilotage</li> <li>○ Harbour Master issues</li> <li>○ Tugs and Towage</li> <li>○ Project cargo &amp; heavy lifts</li> <li>○ Small craft incidents and personal injury</li> <li>○ Port, terminal and berth usage analysis</li> <li>○ Port Marine Safety Compliance</li> </ul>	<p>Brian McJury  +44 (0) 7827 336380  <a href="mailto:b.mcjury@waves-group.co.uk">b.mcjury@waves-group.co.uk</a></p>	<p>Brian McJury  Nigel James  Diedric van Keulen (Rotterdam)  Rajesh Raman (Singapore)  Stanislav Ivanov (Americas)  Giles Hunnisett  William Hargreaves  Tushar Potey  Anthony Van Damme  Mike Vanstone  James Hodgson  Ronan Byrne  Lisa Smiley</p>
<b>DIGITAL EVIDENCE, SURVEYS AND VISUALISATION</b>		
<ul style="list-style-type: none"> <li>○ CASPAR – CASualty Preliminary Assessment Reports</li> <li>○ AIS data and analysis</li> <li>○ VDR replay, reconstructions, analysis (e.g. MADAS)</li> <li>○ ECDIS analysis and reconstruction</li> <li>○ Bespoke Business Interruption (BI) analysis</li> <li>○ Geographic Information Systems (GIS) for display and reporting of incidents</li> <li>○ Forensic data intelligence / evidence</li> <li>○ Fusion of multiple evidence sources for easy replay.</li> <li>○ Navigation Simulation (REMBRANDT)</li> <li>○ Remote survey / inspections</li> <li>○ High-resolution 3-D digital surveys using drones / UAVs without contractors</li> <li>○ Visualisation of condition of vessel / asset for situational awareness, ITTs and risk management</li> </ul>	<p>Giles Hunnisett  +44 (0) 7741 640867  <a href="mailto:g.hunnisett@waves-group.co.uk">g.hunnisett@waves-group.co.uk</a></p> <p>Mark Lawrence  +44 (0) 7539 464399  <a href="mailto:m.lawrence@waves-group.co.uk">m.lawrence@waves-group.co.uk</a></p>	<p>Giles Hunnisett  Mark Lawrence  Stuart Leather  Simon Burnay  Rob Crowther  Pete Turner  Craig Shewry  Rob Williams  Rajesh Raman (Singapore)  Stanislav Ivanov (Americas)</p>

AREAS OF EXPERTISE	MAIN CONTACTS:	EXPERTS
<b>NAVAL ARCHITECTURE / ENGINEERING</b>		
<ul style="list-style-type: none"> <li>○ Salvage and wreck removal</li> <li>○ Structural failures, vessel strength</li> <li>○ Vessel stability (intact and damaged)</li> <li>○ Flooding, foundering and sinkings</li> <li>○ Heavy weather damage</li> <li>○ Vessel motions</li> <li>○ Seaworthiness</li> <li>○ Mooring failures and analysis</li> <li>○ Interaction (bank effects, squat, vessels, wash)</li> <li>○ Project cargo and heavy lifts</li> <li>○ Sea-fastening and cargo securing, incl. containers</li> </ul>	James Anderson +44 (0) 7741 640831 <a href="mailto:j.anderson@waves-group.co.uk">j.anderson@waves-group.co.uk</a>	James Anderson Allan Stuart Simon Burnay Giacomo Pison Jeremy Panes Chris Zammit Warren Inniss Ming Tsang Allan Schultz (Americas) Li Liu (Singapore) Yu Ling Mok (Singapore) Aurelien Edy (Singapore)
<b>MARINE ENGINEERING</b>		
<ul style="list-style-type: none"> <li>○ Main engine and machinery failures</li> <li>○ Shipboard crane failures</li> <li>○ Bunker issues (off-spec, quality/quantity, IMO2020)</li> <li>○ LNG including LNG fuel / bunkers, cryogenic machinery and LNG operations</li> <li>○ Speed &amp; consumption</li> <li>○ Stevedore damage</li> <li>○ Repair costs (including salvaged value)</li> <li>○ Fire damage and repairs</li> <li>○ Heavy weather damage</li> <li>○ Seaworthiness</li> <li>○ Classification issues</li> <li>○ All aspects of shipboard machinery, electrical systems, piping and systems</li> </ul>	Kenny English +44 (0) 7585 117033 <a href="mailto:k.english@waves-group.co.uk">k.english@waves-group.co.uk</a>	Kenny English Mike O'Rourke Alan Martin  Chris Zammit  Paul Coates (Fire / HAZMAT Specialist)  Martin Pownall (Crane Specialist)
<b>OFFSHORE ENERGY / ENGINEERING</b>		
<ul style="list-style-type: none"> <li>○ Floating assets (FPSO, FSO etc)</li> <li>○ Jack-up vessels and semi-submersibles</li> <li>○ Fixed structures (jackets, monopiles, platforms)</li> <li>○ Subsea equipment, pipelines and cables</li> <li>○ Moorings</li> <li>○ Offshore wind farms</li> <li>○ Project cargo heavy-lifts, loadouts and transports</li> <li>○ Marine Warranty Surveys</li> <li>○ Offshore engineering and marine operations</li> <li>○ Towage operations</li> <li>○ Dynamic positioning</li> <li>○ Decommissioning</li> </ul>	Jeremy Panes +44 (0) 7949 052313 <a href="mailto:j.panes@waves-group.co.uk">j.panes@waves-group.co.uk</a>	JamesAnderson Warren Inniss Jeremy Panes Mark Connor Ian Sherrington Simon Burnay Chris Zammit Ronan Byrne Lisa Smiley Ming Tsang Li Liu (Singapore) Yu Ling Mok (Singapore) Aurelien Edy (Singapore)