

Adrian Brown

Director of Fire Performance and Principal Forensic Investigator

Sedgwick Global Specialty -Marine Technical Services

Adrian Brown is a forensic fire investigator, fire engineer and expert witness with more than 46 years of experience in operational firefighting, Policing and CSI, fire engineering and the investigation of complex losses. His career includes the investigation of more than 2,500 fire, explosions and hazardous materials incidents across Europe, North America, the Middle East and Asia.

Currently based in Singapore, Adrian provides international marine fire investigation and technical advisory services to insurers, P&I Clubs, ship owners, charterers, cargo interests and legal teams. His work examines the origin and cause of an incident, how it developed, and the contribution of cargo characteristics, engineering failures, responsibility and the effectiveness of firefighting response to the resulting damage.

Adrian undertook several secondments with the Massachusetts State Police/ State Fire Marshal's Fire and Explosion Investigation Unit prior to and following 9/11 and attended training in fire and explosion investigation at both Glynco and Quantico. Adrian was invited to work with NIST regarding the Twin Towers fire related structural response, as well as the Station Night Club incident at Rhode Island, the Worcester Six Tragedy and several other major loss and death on duty incidents across Massachusetts. Adrian was responsible for the creation of the first UK joint fire and police arson task force based on the successful Lawrence (Mass) arson task force model

Marine investigation practice

His experience encompasses container vessels, bulk carriers, tankers, vehicle carriers, passenger ships, naval vessels, offshore and onshore structures, and yachts. Assignments include casualties at sea, at anchor and alongside, together with fires and explosions during ship repair, dry docking and conversion.

Specialist casework includes containerized dangerous goods, undeclared or misdeclared cargoes, self-heating bulk cargoes, fumigation deflagration incidents, lithium-ion battery failures, hot-work incidents and flammable vapor explosions. He applies fire dynamics and engineering analysis to reconstruct fire development, evaluate competing causal explanations and assess the influence of shipboard systems and operational decisions.

Adrian manages forensic scene examinations and evidence preservation, coordinates joint inspections and specialist attendance, and supports laboratory examination of recovered material. Page 2

His experience includes being a critical member of and assessing the effectiveness of Unified Command and related decisions, crew firefighting, fixed fire protection systems and external intervention, including their influence on fire spread and the extent of loss.