

## Anthony Garry Severn

<b>Education</b>	Hampton Grammar School South Shields Marine College
<b>Affiliations</b>	Fellow of the Energy Institute (Formerly the Institute of Petroleum) Associate Member, Nautical Institute
<b>Date of Birth</b>	1959
<b>Nationality</b>	British
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### Current Position at CWA

Anthony Severn joined CWA as a technical officer/surveyor in 1983 and has been a Director of the Company since 1992. Anthony is responsible for carrying out and supervising a wide range of services (both consultancy and survey) within the Marine and Oil & Chemical Departments of CWA. Anthony has developed particular expertise in tanker (crude, product, bitumen, and chemical) and LPG carrier operations, especially in relation to all aspects of cargo carriage and transfer. He has acted as an Expert Witness in Arbitration and High Court, in the UK and USA and has carried out numerous, detailed investigations of loss and contamination incidents and ship performance studies. Examples of these include cargo handling, pumping, venting, COW, ballasting, tank cleaning, bunker supply and consumption, integrity of containment systems and compliance with international regulations (IMO, SOLAS, MARPOL, US Coast Guard, etc). Anthony has performed detailed analysis of all aspects of oil loss control and contamination matters on ships, in refineries and tank farms, and is responsible for the continued development of CWA software concerned with loss reconciliation (CAROL), LPG cargo calculation, trim/stability, etc. He was a founder member of the Institute of Petroleum (Energy Institute) Oil Loss Control and Oil/LPG Measurement Committee in 1985 which produced detailed manuals outlining procedures for cargo surveyors in the measurement of oil cargoes (crude oil, petroleum products and LPG). Anthony represented the Society of International Gas Tanker and Terminal Operators (SIGTTO) as a member of a BSI Committee dealing with Measurement of Light Hydrocarbons. Anthony was also on a SIGTTO working panel producing Guidelines in the Shipboard Odourisation of LPG cargoes.

Responsible for the co-ordination of Consultant Master Mariners within the CWA Marine Department, Anthony has accumulated ample experience in the management of Charter Party disputes, navigational issues, casualty response and investigation, personnel injury, etc, often necessitating the preparation of expert advice for litigation purposes.

Anthony was also responsible for the implementation of the Company's Quality Control Accreditation (ISO 9002) and acts as Management Representative with attendant responsibilities for internal audits and liaison with LRQA.

## Specific Expertise and Experience at CWA

### Cargoes

- Crude and Petroleum Products  
Additives; Asphalt (Bitumen); Avgas; Carbon black feedstock; Condensates; Crude oils (worldwide); Fuel oil, light, medium, heavy; Gas oil/Diesel grades; Gasoline (all grades); Jet fuel (all grades); Kerosene (all grades); Lube oil; Naphtha; Orimulsion; Slops and residual materials; Vacuum gas oil (VGO); and Waxes
- Liquid Gases and other Bulk Liquid Cargoes  
Ammonia; Butadiene; Butane; Ethylene; Propane; Propylene; Vinyl Chloride Monomer; BTX; Caustic Soda; Methyl tertiary-butyl ether (MTBE); Molasses; Mono ethylene glycol (MEG); Palm oil; Phosphoric acid; and Vegetable oils

### Loss/Contamination Investigation

- Anthony has attended and investigated numerous loss/contamination incidents in:

Alexandria	Dover	Kashima	Rotterdam
Aliaga (Turkey)	Fawley	Koper	Salvador (Brazil)
Antifer	Fos	Le Havre	San Francisco
Antwerp	Fukuoka	Liverpool	Sardinia
Bilbao	Genoa/Leghorn	London/Thames	Sines
Bizerte/La	Gibraltar	Marseilles	Singapore
Goulette	Harwich	Milford Haven	Stanlow
Bremen	Immingham	Mongstad	Sullom Voe
Brindisi	Iskenderun	Naples	Terneuzen
Civitavecchia	Java (Anyer)	Osaka	Thames area
Colombo	Kaoshiung	Pesaro	Tokyo Bay
Cyprus	Kalimantan	Porsgruun	Ventspils
Dar es Salaam	(Bontang)	Ras Tanura	Yantian (China)
Donges	Karachi	Rayong	Yosu

## Claims Evaluation and Expert Evidence

Anthony has considerable experience in troubleshooting and providing expert advice on a broad range of operational and commercial areas prone to incidents and claims. Specific areas of expertise are:

- Advice on tank cleaning
- Bunker quality disputes
- Cargo and bunker surveys
- Cargo reprocessing and mitigation of loss
- Cargo theft disputes
- Contamination investigation, ship/shore
- Crude, Petroleum, LPG quality problems
- Incident response
- Loss investigation
- Loss prevention
- Pumping problems
- ROB disputes
- Shore terminal audits
- Tanker operations

## Summary of Previous Employment

Anthony started his professional career in 1977, joining Shell Tankers (UK) as a cadet (as an A-level entrant) on a 4 year training scheme. His service was completed on VLCC's, product tankers and LNG carriers. On obtaining his Second Mate's Certificate he moved to Chevron Tankships (UK) Ltd and served on VLCC's, gaining further operational experience, including crude oil washing and ship to ship transfer operations.

## Recent Expert Witness Testimony

### United Kingdom High Court of Justice, Commercial Court

- (1) December 2000  
1997 Folio 1721  
Vinmar International Ltd/PMI Trading Ltd and Theresa Navigation S.A

Acted for vessel owner. Product contamination dispute at loadport (Ethylene by Butadiene). Cargo inspection concerns. Quality control. Cargo segregation on board.

- (2) June 2003  
2001 Folio 1018  
Fal Oil Co Ltd/Credit Agricole Indosuez (Suisse) SA and Petronas Trading Corporation Sdn Bhd.  
Acted for cargo receiver. Contamination of fuel oil by water. Allegations of cargo theft during ship to ship transfer and leakage via sea chests. Cargo inspection concerns.
- (3) October 2003  
2002 Folio 551  
Vitol (S.A/Bahrain EC/Asia Pte Ltd) and Falconeye Trading S.A.  
  
Acted for vessel owner. Contamination of fuel oil by water. Quality control during loading. Cargo inspection concerns. Segregation of cargo/ballast/slops.

#### **United States High Court**

- (1) June (2004)  
  
Acted for Oil Terminal, audit of tanker operations (crude oil washing, discharging and product loading)

#### **United Kingdom Commercial Arbitration (Arbitration Acts 1950 to 1979)**

Arbitration proceedings in the UK are confidential and full details may not be disclosed.

- (1) Award dated January 2002. (No oral evidence required)  
  
Acted for vessel owner. Rejection of crude oil. Quality issues. On board segregation.
- (2) Award dated March 2002. (Provided oral testimony)  
  
Acted for cargo receiver. ROB dispute. Cargo Heating. Waxy crude oil.
- (3) Award dated March 2003. (No oral evidence required)  
  
Acted for cargo owner. Short delivery of gas oil. Cargo inspection concerns (line displacement/verification).
- (4) Award on/around April 2003. (No oral evidence required)  
  
Acted for cargo receiver. Demurrage due to prolonged stripping. Alleged deficiencies in vessel's cargo pumping/piping arrangements.

(5) Award on/around June 2006. (Provided oral testimony)

Acted for vessel owner. ROB dispute. Heating requirements for fuel oil (reduced crude oil).

(6) Awarded on/around March 2012 (provided oral testimony)

Acted for vessel owner. Contamination of fuel oil by water.

(7) Awarded February 2013 (provided oral testimony)

Acted for vessel owner. Tank cleaning issues.

(8) Awarded January 2016 (provided oral testimony)

Acted for charterer. Contamination of petroleum products.

## **Papers/Publications/Representation**

### **Institute of Petroleum (IP)**

PM-L-3 Panel Member Since Inception in 1985

Responsible for Petroleum Measurement Manual (Part XVI)

“Procedures for Oil Cargo Measurements by Cargo Surveyors”

Section 1 – Crude Oil (Published March 1987)

Section 2 – Petroleum Products (Published March 1989)

Section 3 – Liquefied Petroleum Gases (Published February 1999)

### **Society of International Gas Tanker and Terminal Operators (SIGTTO)**

Member of SIGTTO Working Group Producing

“Guidelines on the Shipboard Odourisation of LPG” (Published September 2000)

SIGTTO Representative on BSI Standards Committee PTI/12/2

“Measurement of Light Hydrocarbons”

## **Publications**

“Shipboard Petroleum Surveys – A Guide to Good Practice” (For North of England P&I Association. Published by Anchorage Press 1995)

## **Lectures**

“Problems in Respect of Bulk Liquid Cargoes” (Oxford College of Petroleum and Energy Studies – September 1997)

“Oil Shortage Claims” (UK P&I Club Training Seminar/Video– March 1995)

## **Conference Papers**

“Problems in Quality Control” (International LPG Industry – New Developments in Operations and Safety, July 1998)

“Quality Issues for Transportation of LPG” (European and North African LPG Conference, November 1998)

“Technical Problems in Loss Control” (Marine Surveying Conference – April 1991 with JT Williams)

## **Presentations**

“Computerisation of Oil Loss Data” (WK Webster June 1991)

“Practical Problems in the Measurement of Bulk Liquid” (UK P&I Club – 1992)

“Measurement of Bulk Liquid and Crude Oil Loss Analysis” (Lloyds Claims Office – 1993)

“Independent Evaluation of Oil Shortage Claims” (Holman Fenwick & Willan – July 1994)

“Shortage and contamination claims – Technical Assessment (GARD P & I – May 2012)

## **Technical Support**

Technical advice on Bulk Liquid Measurement and Contamination for UK P&I Association Video “Tanker Matters”.