

REPORT OF THE LOSS PREVENTION COMMITTEE

Chairman – Claudio Verconich

- **Committee Members**
- **Review of LPC Presentations**
- **Review of this year's Questionnaire**
- **Comments on the Major Points identified by Member Associations**

Members

- **Massimo Canepa (FEMA – Italy)**
- **Richard Decker (USA)**
- **Francois De Maeyer (Belgium)**
- **Pers Esten Gjolmesli (Norway)**
- **Ebbe Larsen (Denmark)**
- **Regis Lemarchand (France)**
- **Alessandro Morelli (Italy)**
- **Quentin Prebble (United Kingdom)**
- **Takashi Sato (Japan) – new member replacing Hideki Wake**
- **Ibrahim Abdul Shahid (Egypt)**
- **Yegor Vishnevsky (Russia)**
- **Claudio Verconich (Canada) - Chairman**

Workshop Presentations

Challenges - Commodities and the Human Element

- **Oil transportation and storage operations – claim issues**
John Minton - Minton, Treharne & Davies, London
- **Review of Claim issues relating to refrigerated cargoes**
Jeroen De Haas - BMT De Beer, Rotterdam
- **The Human Factor in Marine Claims**
Capt. Karl Lumbers - Thomas Miller P&I Ltd., London

Workshop Presentations

Changing Landscapes – Natural and Regulatory Environments

- **Tsunami: Hazard, Risk and Damage Potential**
Professor Bill McGuire - University College, London
- **Modeling Port Risk Accumulation**
Andrew Woodgate - Luminor Ltd., London
- **Criminalization of Seafarers**
Archie Bishop - Holman, Fenwick & Willan, London

Questionnaire

One Question:

- **Every year, innovations in loss prevention techniques, methods and technology become evident in the marine insurance industry (as examples, RFI technology, Port State Control, ISPS Code, etc.). Please identify any recent innovations which have been, or are expected to shortly be, implemented in your market and the loss prevention improvement (or deterioration) achieved or expected as a result. Please do not limit yourself to cargo only, but include hull and any other marine line you wish to identify.**

Questionnaire

- **20 Association Replies**

7 - No News to Report

- **Reports received from:**

Egypt

France

Germany

Italy

Morocco

Netherlands

Singapore

Slovenia

South Africa

Sweden

Switzerland

United Kingdom

United States

Major Issues

- **Anti-Theft Measures**
- **Supply Chain Risk Management**
- **RFID Update**
- **War, Terrorism and Piracy**
- **ISPS/Port State Control Update**
- **Others**

Anti Theft Measures

- **Eurowatch**
- **Police Cooperation**
 - Operation Grafton Initiative (U.K.)
 - Dutch Initiative
 - AIMSS (Airfreight Industry Minimum Standards)
 - Slovenian Regulations for Money Transport
- **TAPA Freight Security Requirements**
 - Freight Security Requirements (FSR) for motor carriers by year end
 - Tightened security at warehouses driving theft to the road
- **Italian Guarded Parking Spaces**
 - Updated List of Parking Areas by year end – ANIA Website
 - New List of Parking Areas at Ports



EUROWATCH



September 2005

The Threat

- Approximately 200,000 commercial vehicles and their cargoes are stolen in Europe each year¹

Truck thieves are using more force

An average of seven trucks are being stolen every day and the level of violence in thefts is rising. **Jennifer Ball** reports on TruckPol's latest figures.

Trucks are being stolen at the rate of seven a day, according to new figures from truck theft-watching TruckTel.

Detective Sergeant Mark Hooper, who runs Truck-Pol, says many of the rental firms committed after drivers left keys in the ignition. Drivers continue to

Blasquez also warns that "round the corner" occupants "where no driver is and round the corner to flip the road,



BEHIND an increase in thefts in the West, the crime has become so brazen that thieves are now taking vehicles from the homes of drivers. The victims include a Transport of the North car which had a truck driver's license and a secure area. The car was standing



Class: Tuesday, June 10, 2014



▲ **Thick Twists** **Feathers** **pulling** **weight**



Prison for complicit guard in HGV theft

A 35-YEAR-OLD female patient presented with a long history of low back pain that began about 10 years ago. She had no trauma, no surgery, and no family history of back pain.

managing her is different for folks of her generation. But this truth, never stated, is a necessary one: her

the use of a standard metric to facilitate comparison between studies. The authors concluded that, while the use of a standard metric is necessary, it is not sufficient to ensure that the results of a meta-analysis are valid.

Truck thieves on the rampage

he in the West Midlands is spiralling – one victim fears it's only a time before someone is killed. **David Harris** reports.



Warning

Access to Police - International

The best measures are still too often futile when the driver is in another country!

- Emergency numbers cannot be dialled from another country
- The language spoken will inevitably be different
- Any tracking data cannot be forwarded

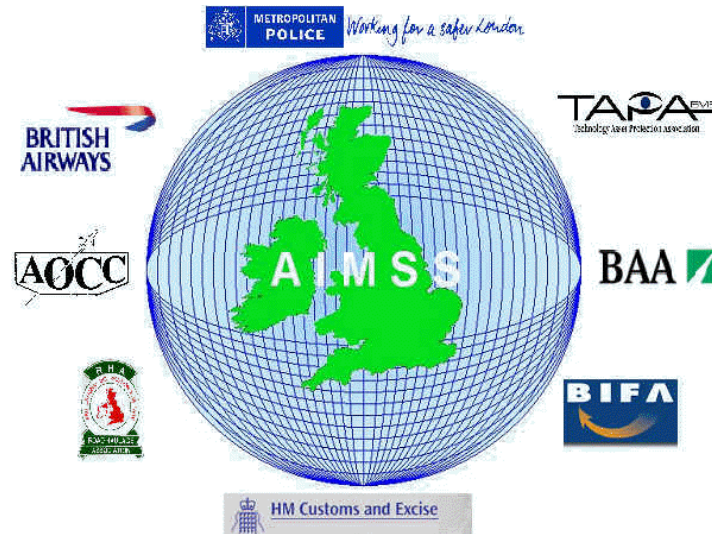
EUROWATCH

- One number to call in your own language – 24x7x365
- Access to Police in 31 European countries
- > **13,000** vehicles protected
- **+€13m** of stolen freight recovered since 2002
- **100%** attended by police
- **0** drivers/employees or police injured
- **100%** of stolen vehicles recovered
- **50+** persons arrested in **8** countries

Operation Grafton Initiative

- **Applies to Freight connected with Heathrow Airport valued in excess of £10,000**
- **April 2003 to July 2004**
 - 30 Operations**
 - 94 arrests**
 - £100 MM Recovered**
 - Designated crimes reduced by 73%**
- **Joint Operation – Police, Customs, Industry Partners**
- **Monthly newsletter**
- **Crime Prevention Officers assisting with AIMSS**

- **Airfreight Industry Minimum Security Standards**
- **85 premise certified by June 2005**



Other Initiatives

- **Dutch Initiative**
 - **Partnering EVO, TLN, Insurers, Ministry Of Justice, etc.**
 - **Target a 25% reduction in criminal activity by 2008**
- **Slovenian Initiative**
 - **State regulation for money transport prepared by the Ministry of the Interior, Insurers, Banks and Chamber of Commerce**
 - **To define minimum protection conditions**

Supply Chain Risk Management

- **Less Handling, Faster Turnaround**
 - **Port of Alexandria new Information System clears goods faster**
 - **Major clients in Sweden such as Stora Enso Oy starting up high quality integrated door to door transportation systems**
 - **U.S. CT-PAT “Green Lane” promised by year end for U.S.-Mexico Border Crossing**
- **SAIA Approved**
- **Digital Concealed Damage Indicators**
- **Unicooler**
- **Freightglove**
- **Predictive Modeling**

Freightglove

- **Deters Theft and Identifies Tampering**
- **Alternative to plastic shrink wrapping**
- **Made of double laminated polypropylene weave**
 - **Good for up to 20 uses – eliminates waste and is environmentally friendly**
 - **Moisture resistant**
- **Comes in one piece or two piece design – standard or custom sizes**
- **Minimizes claims**

Freightglove



Step 1 - Build the freight on the bottom piece

**Step 2 –
Drape
over the
top piece
and zip
together**



**Step 3 – Snap
together the
tamper evident
locks**

Predictive Modeling

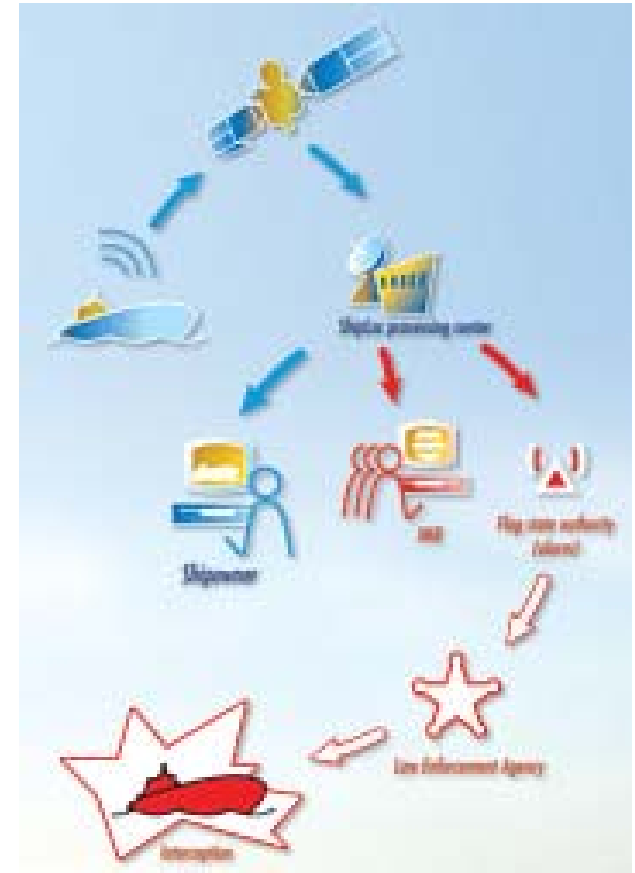
- **Statistically credible theft loss statistics difficult to obtain**
- **Underwriters find it difficult to underwrite what they can't quantify**
- **Solution: A credible database**
- **FIRST ADVANTAGE is a firm that has compiled international and domestic trade and loss data covering 157 countries**
- **They offer a product called Quantitative Risk Solutions which applies sophisticated statistical and financial analysis to quantify cargo exposure, providing loss forecasts, cost benefit analysis and detailed financial analysis on global security programs**
- **Also provides statistical risk models for emerging markets**

- **Use of RFID is growing, but still not in widespread use**
 - **Needs more standards/certification**
 - **Frequencies/technology not well established**
 - **Cost Issues**

RFID PROGRESS

- **Italian Association has issued a new regulation for certification of telesurveillance stations**
- **RFID in use**
 - **Marinesure in South Africa**
 - **Direct communication with vessel through interactive GSM/GPS using PC**
 - **RF Tracking Beacon – 50km range**
 - **APL using at Global Gateway South in L.A.**
 - **Active RFID tags affixed to every chassis**
 - **SHIPLOC**
- **Marine Asset Tag Tracking System**
 - **Hybridized Spread Spectrum Frequency**

- **IMB Endorsed**
 - **Inexpensive satellite tracking**
 - **Internet to monitor vessel location**
 - **Compliant with IMO Regulation SOLAS XI-2/6**
 - **Allows crew to send distress signal**



- **Developed by Oak Ridge National Laboratory (U.S. Dept. Of Energy)**
- **Marine Asset Tag Tracking System Feasibility Study in 2004**
- **Technology allows for signal to be detected in more difficult applications i.e. Containers inside holds at sea**

War, Terrorism and Piracy

- **EXCLUSIVE ANALYSIS**
 - Global Cargo Watch List - JCC
 - JWC Hull War, etc. Listed Areas
- **INVENTUS UAV**
- **SECURE-SHIP**

EXCLUSIVE ANALYSIS

- **Country Risk Evaluation and Assessment Model (CREAM)**
 - Online
 - Covers more than 100 countries
- **Daily Intelligence Bulletins**
- **Weekly Global Risk Forecasts**

JWC Hull War, Strikes, Terrorism and Related Perils Listed Areas 20th June 2005

Africa

Algiers (Algeria)
Djibouti
Ivory Coast
Nigeria and Bakassi peninsula
Somalia

Asia

Pakistan
Thailand, southern Gulf coast of, between and including Songkhla and Narathiwat

Indonesia / Malaysia

Ambon (Seram)
Balikpapan (SE Borneo)
Borneo, north east coast of, between and including Kudat and Tarakan
Jakarta
Malacca Strait and adjacent Ports
Poso (Sulawesi)

Middle East

Bahrain
Iraq
Israel
Lebanon
Qatar
Saudi Arabia

Philippines

Mindanao, southern coast of, between and including Polloc Harbour and Mati
Sulu Archipelago including Jolo¹

War, Terrorism and Piracy

- **INVENTUS UAV**

- **Reconnaissance System – Flying Wing Form**
- **Real-time aerial surveillance –through laptop**
- **Easy to launch and recover – highly robust**
- **IMB Endorsed**

I NVENTUS UAV

- **Wing Span: 2 Metres**
- **Weight: < 3 kg.**
- **Cruise Speed: 70 kph**
- **Battery Life: 2 hours**
- **Range: 150 km.**
- **Altitude: 10,000 MSL**



War, Terrorism and Piracy

- **SECURE-SHIP**
 - **9000 Volt electrifying fence surrounds the ship**
 - **Non-Lethal**
 - **For all ships carrying non flammable cargo**
 - **IMB Endorsed**



ISPS/PSC Update

- **ISPS Continues to take hold**
 - **Alexandria and Eldekhila in Egypt**
 - **Camera surveillance**
 - **Gate security**
 - **Security at berths, access control**
 - **Moroccan Ports**
 - **5 Mobile Scanners – US\$ 23.2 MM Investment**
 - **5,400 metres of new fencing at Casablanca permitting controlled access**

Other Issues

- **Survey Requirements Update - London**
 - **Overall Condition and Structural Condition - Hull**
 - **Engine room and E.R. management - Hull**
 - **Overall Management - Hull**
 - **JH 143 Shipyard Risk Assessment**
 - **Warranty Surveyor Voluntary Code of Practice – Oil Rigs**
- **Oil Pollution Legislation – France (Europe?)**
- **Crew Endurance Management Systems – U.S.A.**
- **USCG Bridge Transit Plans – U.S.A.**