The Catalyst

October, 2011

About JOIFF

Membership of JOIFF, the Organisation for Emergency Services Management is open to any Organisation which is a high hazard industry and/or has nominated personnel as emergency responders/hazard management team members who provide cover to industrial/ commercial organisations.

Organisations which do not fully comply with these requirements are welcome to apply for Corporate Membership of JOIFF.

JOIFF provides a forum for discussion amongst peers, accredited training specifically developed for the sectors in which JOIFF members operate and technical advice through the JOIFF Standard and the JOIFF Shared Learning network. JOIFF welcomes enquiries for Membership - contact the JOIFF Secretariat

JOIFF Ltd. Registered in Ireland. Registration number 362542. Address as secretariat.

The Catalyst is the official newsletter of JOIFF, The Organisation for Emergency Services Management and is published quarterly - in January, April, July and October each year. Our policy is to bring you high quality articles on relevant technical issues and current and new developments and other happenings in the area of Emergency Services Management. In addition to The Catalyst, information relevant to Emergency Services Management is posted on the JOIFF website.

Readers are encouraged to circulate The Catalyst amongst their colleagues and interested parties and the Editors welcome any comments.

New Members

During July, August and September 2011 the Executive of JOIFF were pleased to welcome the following new Members.

Full Members

Impact Response Group Pte Ltd., Singapore, represented by Wayne Stennes, Managing Director. Impact Response Group are Risk Management and HSE specialists and they provide emergency preparedness and Incident Management Services to Industry through Emergency Management and Crisis Management Training, development of ERPs, BOCPs, relief well planning etc. Impact Response Group also provide emergency response services to upstream and downstream industry with personnel and equipment,

Institute of Fire Safety & Disaster Management Studies (IFSDMS), Vadodara, Gujarat, India, represented by Vikram Mahurkar, President, Dharmendra Wakharikar, Chief Coordinator and Major General A.D.Nargolwala, VSM, (Retd), Trustee Board Member. IFSDMS was founded in 1998 and is a training and consultancy centre for Fire, Safety, and Crisis & Emergency operations. This training facility is an initiative of Checkmate Services Pvt. Ltd a premier services company of India, having a pan India presence comprising of large to mid scale industries, ports, refineries, petrochemicals, chemicals etc. Built on an area of 80 acres, its facility includes large scale training grounds and props for hazardous materials, technical and confined spaces, mine rescue and extrication exercises, multimedia class rooms and conference facilities, spacious lodging and boarding facilities for 250 persons etc.

Occidental of Oman, Inc., Azaibah, Sultanate of Oman, represented by Hassan Ali Al Ajmi, Environment, Safety & Security Team Lead, Saud Al Hinai, Emergency Response Team Officer (Shift Leader) and Yahya Al Siyabi, Emergency Response Team Officer (Shift

Leader). The OXY-Oman North Emergency Response Team comprises Full and Part time personnel and provides fire prevention, protection, safety and emergency services protecting gas and oil production facilities in the north west region of the Sultanate of Oman which produces approximately 82,000 bbl of crude oil and 210,000 MMSCF of gas per day.

Corporate Members

Strategic Fire Solutions, Dresden, Germany, represented by Peggy Hinkel and John Olsen, Joint Managing Directors and Hanno Blume, Fire and Risk Project Consultant. Strategic Fire Solutions is a German-American enterprise that manages and employs a consortium of fire protection and emergency service professionals who bring many years of experience in managing and directing major airport and industrial fire departments as well as fire training facilities all over the world. Strategic Fire Solutions provide Fire and Rescue Training, Emergency Management, DBO of Fire Training Centres and Fire Stations and Management and Consulting.

We look forward to the involvement of our new and existing Members in the continuing development of JOIFF.

The JOIFF Roll of Honour

During July, August and September 2011, the JOIFF Post Nominal Adjudication Panel made the following Awards:

JOIFF Fellowship:
Alec Feldman
Kevin Westwood

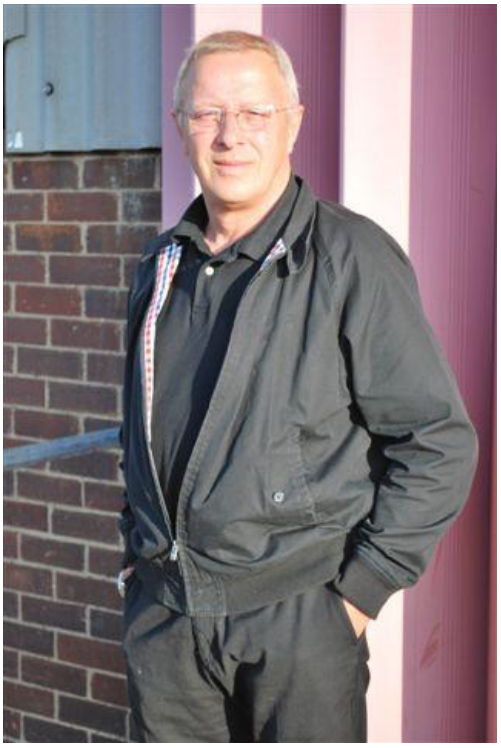
JOIFF Member
Arnie Arnold

MEMBERS SECTION.

JOIFF Annual General Meeting (AGM):

The 2011 Annual General Meeting of JOIFF will take place on Monday afternoon 24th October 2011 at Danubius Hotel Flamenco, Budapest, Hungary. At the meeting, the new JOIFF Board of Directors will take office and the result of the election for JOIFF Chairman will be announced.

The JOIFF AGM will be followed by the 6th International Conference for Fire Brigades in the Oil and Chemical Industry, which will take place on 25th and 26th October 2011. This major Conference is organised every 2 years by the JOIFF Member Organisation FER Tűzoltóság és Szolgáltató Kft. FER Fire Department, MOL, Százhalombatta Hungary.



The first recipient of the Award MJOIFF
Arnie Arnold MJOIFF, DipJOIFF.
Emergency Response Specialist
Petroplus Coryton Refinery, UK.

JOIFF Post Nominals:

To recognise those persons who demonstrate excellence in their involvement in High Hazard Industry, 3 JOIFF awards to Individuals have been established. FJOIFF is awarded to an individual who in the opinion of the JOIFF Board of Directors has made an outstanding contribution to Industrial Hazard Management activities. MJOIFF is awarded to an individual from any JOIFF Member Organisation who has shown significant professional attainment in Industrial Hazard Management activities. The award of Dip.JOIFF will automatically be given to all persons who are assessed as competent in the JOIFF Diploma Programme and are awarded JOIFF Diploma Certification.

Safety in Confined Spaces

By Eric Dempsey GIFireE

As a Training Company specialising in Confined Space Entry training, we wondered why there was a recent surge in enquiries for Confined Space Entry training from around the UK. The answer wasn't very hard to find and a five second Google search came up with the following sad statement:

"UK Health and Safety Executive alerts employers to the dangers of Confined Spaces following four deaths in four weeks."

Now this is not just a problem for the UK as further research with OSHA and other safety bodies around the World unveils the terrible statistics of those who work in Confined Spaces perishing and/or becoming seriously injured by exposure to H2S, Methane, CO and CO2 gases - to name but a few – when entering Confined Spaces, not to mention the problems with flooding, tunnel collapse, shifting solids and the total lack of an emergency procedure should things go wrong.

It doesn't have to be like this.

JOIFF is obviously aware of the problem and has only recently published an extensive Guideline on Confined Space Entry after canvassing opinion from their extensive list of member Organisations. This document is available for free download from the JOIFF website at www.joiff.com

So what is a Confined Space ??

A Confined Space is an enclosed, restricted or limited space which by virtue of its enclosed nature, creates conditions that give rise to a possibility of an accident, harm or injury to those partially or fully entering the space. These spaces include but are not limited to:

- Underground vaults,
- Tanks,
- Storage bins,
- Pits and diced areas,
- Vessels,
- Sewers and
- Silos.

Confined Spaces are significantly more hazardous than normal workplaces. The hazards involved may not be unique to confined spaces but are always exacerbated by the enclosed nature of the confined space. Persons should only enter a confined space for any purpose when it is not reasonable practicable to achieve that purpose without entering the space.

Another practical way of identifying a Confined Space is a place that can be entered, but isn't usually, with difficulty or otherwise.

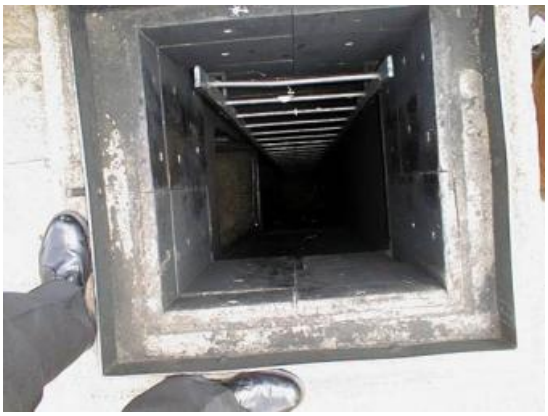
A contaminated or dangerous atmosphere can build

The key to safe Confined Space working is the Risk Assessment. Often minor risk Confined Spaces are those where testing and experience have shown that they are sufficiently safe under normal operating conditions and that there is unlikely to be serious risk to health as identified by the risk assessment. However it is always better to be safe than sorry and Risk Assess every time.

Or, another was of defining that a Confined Space risk is small but with the potential to escalate is when the Risk Assessment identifies that a typical or known risk such as gas, solids, floods or entanglements are not present – at the moment – or are controlled, and the space normally remains safe. However precautions are still necessary to ensure that it is safe to enter and that it remains safe during the occupation of the space. You are simply stepping up a level where the risk assessment deems it to be necessary.

If you put your head into it, you are deemed to have

However there will always be "High Risk Confined Spaces" which will require the use of Compressed Air Breathing Apparatus with a full time rescue team available. Higher Risk operations are those where in addition to normal risks encountered, specific safety arrangements have to be undertaken to provide for safe working prior to entry and during the occupation of the space. This could mean that a permanent rescue team, suitably equipped should be available. It is in this area that the training of your Supervisor/Top Man or Attendant – whatever h/she is known as is vital. All too often the danger of a Confined Space worker becoming overcome is made worse by the Supervisor rushing in without first taking the proper precautions.



Only suitable training can provide the answers.

Always remember, if you haven't done a risk assessment, or you don't have all the required equipment or your staff haven't been trained – then don't do it.

Consider fully the dangers:

- Asphyxiation by H2S, CO, CO2 or Methane,
- sudden floods or solids,
- moving ground,
- collapse of a trench.
- O2 depletion caused by oxidization or enrichment caused by process resulting in an explosive atmosphere.

All levels need to be tested for dangerous gases as they all have different specific gravities. CO is similar to O2 and will hang around at mid levels. H2S is heavier than air and will be at the ground level. Methane is lighter than air and will be at the roof level. Conditions can change so gas monitoring must not be done only at the beginning. It must be carried out constantly – before and during the entry and continuously while working in a Confined Space.

DON'T BECOME JUST ANOTHER STATISTIC !!!

Editor's note : Eric Dempsey has 35 years' experience and is Owner & Manager of JOIFF Member Organisation Arc Fire Training Services Ltd. Arc Fire Training Services Ltd, has developed a range of specific Confined Space training courses which have recently been JOIFF accredited and subject to a suitable risk assessment, training can be carried out on site or at any suitable location. For further information contact Eric at arcfire-training@ntlworld.com

Press Release: Alliance formed between 2 JOIFF Member Organisations CPD Limited and Williams Fire & Hazard Control

CPD LIMITED, a British pioneering technology solutions company for the Storage Terminal industry has entered into a strategic alliance with highly successful industrial fire fighting company Williams Fire & Hazard Control.

This transatlantic alliance will see both companies working together, creating the perfect combination of cutting-edge software development coupled with over thirty years industrial fire fighting experience – both companies at the top of their game.

The joining of expertise and complimentary emergency management assets will result in clients being offered a 'Total Care Package'. In the first instance, innovative emergency management software iResponse can help 'manage the risk', improving emergency pre-planning, training, as well as aiding emergency response situations. The total care package also includes invaluable support services from Williams' vastly experienced personnel, strategic incident command support, equipment hardware & fire fighting chemicals and global on-scene response.

CPD Limited, the owners of iResponse are delighted to be working with Williams. Ross Coulman, President & CEO of CPD said: "Williams Fire & Hazard Control are the best in their field and we are honoured to be working with them. Williams has over thirty years' experience of industrial fire fighting and their endorsement of iResponse is very important to us. Both parties realise that by working together, we can offer clients the ultimate emergency management service".

Ewen Duncan of Williams Fire & Hazard Control added: "During major industrial fires, having the right information and data at the right place and at the right time is critical to effective incident management, the iResponse system compliments our 'Total Care Package' allowing the customer peace of mind that, should a situation develop on site, we can offer both the remote technical guidance and the personnel, equipment and fire fighting chemicals to successfully deal with the situation globally on site. The iResponse system adds value to our commitment in managing the risk successfully and safely".

CPD Limited (Cleveland Process Designs Limited) is a leading company for the development of innovative technology and engineering solutions for the Process Industry. Over the past ten years, CPD has developed a number of working partnerships with world leading organisations in the Oil, Gas, Petrochemical & Process industries and consequently built up an impressive portfolio of products which have been well received with industry professionals.

Further information on Williams Fire & Hazard Control can be found on their website; www.williamsfire.com
C Further information on Cleveland Process Designs (CPD) Limited can be found on their website; www.cpd-limited.com

SKUM™ MONITORS SET THE INDUSTRY STANDARD

The current SKUM™ line-up of fire monitors epitomises the extensive choice that is now on offer to protect high-hazard petrochemical, aviation, marine and power plant applications. The brand's FJM range embraces portable, oscillating, manually-operated, and remote hydraulically-operated and electrically-operated remote fog / jet, water / foam monitors. Most are FM [Factory Mutual] approved and certified by DNV [Det Norske Veritas], Rina [Registro Italanio Navale], and BV [Bureau Veritas].

The SKUM portable monitors deliver up to 3,000 l/min [litres a minute] and are available with the option of dual connection, automatic oscillation and a built-in foam inducting nozzle. The manually-operated, self-oscillating SKUM monitors are available with capacities of 3,700 l/min, 6,000 l/min and 11,700 l/min. The SKUM WTO S models incorporate built-in foam induction and, depending on the model and capacity, the range of the WTO monitors is between 75 metres and 90 metres plus. These capacities and throw lengths are extended in the manually operated SKUM FJM-MAN monitors, where the maximum capacity is 20,000 l/min and the maximum throw is over 120 metres.

The FJM-FJF monitor has a manually adjustable nozzle for flows from 5,000 l/min to 20,000 l/min; a performance that is mirrored by the SKUM FJM-SLN that has an automatic nozzle.

The two remotely controlled monitors are the hydraulic FJM-H and the electric FJM-EL. Both include a manual override option. The FJM-H has capacities of 6,000 l/min and 11,700 l/min, with a maximum throw in excess of 90 metres. However, it is the remotely controllable FJM-EL fog / jet monitor range that is proving to be the most popular.

All three models – the FJM-100 EL, the FJM-150 EL, and the FJM-200 EL – offer exceptional flow performance, incorporate electric-motor-driven elevation and rotation and solenoid valve operated fog / jet pattern adjustment. However, it is the FJM-EL's remote control operation that really sets them apart as fix-mounted monitors designed for the safe delivery of foam or water, either as a solid jet or a fog pattern.

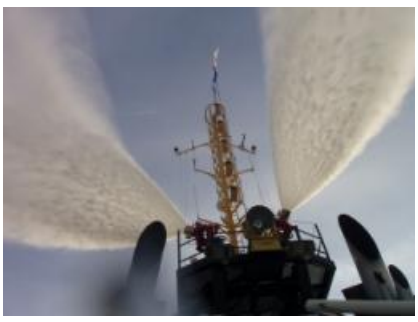
The FJM-100 EL has a built-in inductor option and delivers up to 6,000 l/min to a maximum jet throw of 80 metres, while the FJM-150 EL increases this to 11,700 l/min to a distance just over 90 metres. The top performing FJM-200 EL increases the reach to 120 metres and the flow to 20,000 l/min.

These lightweight and compact balanced-design monitors all incorporate an electrical junction box, low-friction bearings for easy manoeuvrability, and feature corrosion-resistant construction, which makes a major contribution to the monitors' reliability, while minimising the maintenance requirement. Other optional components include a control and operating panel, which can be either the standard FJM model or be custom-built, suction hose and valve, and explosion protected EEx (e) and flameproof EEx (de) electrical equipment

The latest SKUM monitor offerings is the new RAFT Rapid Response Foam Trailer that is designed to be highly mobile, versatile and cost-effective. It can be fitted with either the FJM-80S or the FJM-100S manual fire monitor and is available as a single-axle 1,000-litre tank capacity unit, and as twin-axle 1,800-litre and 2,300-litre capacity trailers.

Both monitors are constructed with built-in foam concentrate inductors that ensure reliable, accurate and adjustable proportioning between one percent and six percent for all types of foam concentrate, eliminating the need for a separate proportioning system. Both the 1,800-litre and the 2,300-litre twin-axle trailers have the option to incorporate either one or two high-capacity hose baskets designed to carry up to six 30-metre long hoses, each with a maximum diameter of 75mm. The trailer's fully-welded tank is fabricated from 2.5mm thick stainless steel and incorporates a 250mm diameter auto-venting, quick-release filling lid, and 2.5mm thick internal baffle plates to minimise any surge. The trailer's stability is boosted by the incorporation of industrial heavy-duty, fully retractable prop stands with jacking pads on each corner.

Editor's Note: Tyco Fire Protection Products is a strategically aligned business unit with globally recognized products sold under leading brands including ANSUL, GRINNELL, HYGOOD, NEURUPPIN, PYRO-CHEM, RAPID RESPONSE, SKUM, and TYCO FIRE PRODUCTS. Tyco Fire Protection Products produces fire protection and mechanical building construction solutions for commercial, industrial, institutional, governmental, and residential customers. Heavy emphasis is placed on research and development resulting in innovations and global approvals. Key products include manual firefighting equipment, detection/suppression systems, extinguishing agents, sprinkler systems, valves, piping products, and fittings. www.tycofsbp.com



Titanic Safety and the Fire Service

By Chief Charles Brush MS EFO

The Royal Mail Ship Titanic sailed into infamy as one of the all time tragedies on the night of April 14, 1912. On that fateful night, the Titanic struck an iceberg and sank in less than 3 hours with the loss of over 1500 passengers and crew. While the incident and the stories surrounding it are both inspiring and frightening, there are underlying safety issues that contributed to her demise. Those same issues are with us today in Fire Service operations ! How can the safety issues of almost 100 years ago be pertinent today and especially to the fire service?

The issues or findings contributory to firefighter injury discovered during investigations consistently involve:

- Complacency
- Situational Awareness
- Communications
- Conditioned Response
- Unexpected Condition
- Unusual Circumstance

Compare these to the causes that contributed to the sinking of the Titanic.

Complacency:

From the very beginning, the Titanic was touted as being "practically unsinkable". As time went on, hype became fact at all levels. As she was "unsinkable", changes such as lower quality rivets for the hull (rivets were used to connect hull plating together) and reducing the height of the watertight bulkheads or walls that divided the ship into watertight compartments were made. These changes greatly reduced Titanic's ability to survive the incident.

Firefighters wearing their PPE improperly, or not at all, on repetitive type calls comes to mind!

Situational Awareness:

At the time of Titanic's demise, the Atlantic icebergs had travelled further south than ever before. The icebergs were so numerous in the area that the nearest vessel to the Titanic, the Steamship Californian, had stopped for the night and drifted with the icebergs.

The Captain of the Titanic had knowledge of an unusually high number of reported iceberg sightings and this caused him to alter course further south, however the course change was not substantial enough to prevent the disaster. The main goal of Titanic's Captain was to arrive at New York as soon as possible and any additional course change to the south would have delayed that arrival.

How many times do Firefighters aggressively fight fires in structures, placing manpower and equipment in harm's way for the goal of reducing property loss when there is nothing to save!

Communications:

Communications issues weighed heavily on the incident and consisted of both internal and external issues.

External – The Titanic radio operator's focus was the transmission and reception of passenger communications. The action of Titanic's radio operator when the Steamship Californian tried to transmit an iceberg alert to Titanic just before the incident was deadly. The Californian's loud radio transmission (due to its close proximity) and the interruption of Titanic's passenger requested transmissions caused the Titanic radio operator to strongly admonish the radio operator of the Californian. In response, the Californian shut down her radio system for the evening and therefore the Californian, which was the closest vessel to the Titanic, could not hear Titanic's distress calls. Had Californian heard them, help would have arrived before the Titanic sank and many of those who lost their lives would have been saved.

Internal – When The Titanic's captain gave the orders to prepare the life boats, he gave the now famous order "Women and children first". This however was interpreted by ship's officers as "Women and children only" and with this interpretation, life boats were launched with as few as 7 people when they could have held as many as 58. With full life boats, an additional 477 lives would have been saved!

Internal – The last iceberg report received by Titanic was not given to the captain because he was dining with the passengers. Not informing the captain removed the opportunity to perhaps order a change of course and avoid the impending collision. Basic communications problems, created by humans, not technology, are the most consistent finding in investigative reports and the most ignored. Instead of reviewing the human problems, we focus on how to engineer a solution.

Conditioned response:

When the iceberg was sighted and reported by the lookouts, the officer of the watch took the action that he was conditioned to take - turn to avoid and hit the brakes (reverse engines). The problem with this conditioned response was twofold:

In trying to turn away, the Titanic exposed her vulnerable side. The bow of the Titanic was designed to collapse in a head on collision. There probably would have been lives lost from the impact of the crash, but Titanic would have remained afloat longer or perhaps would not have sunk at all.

In reversing the engines, design differences between Titanic and other vessels of her day, actually reduced the ability of Titanic to turn away.

When firefighters hear an explosion or loud noise, they tend to

look toward it instead of going for cover!

Unexpected condition:

The Titanic was divided into 15 watertight sections and was designed to remain afloat with as many as four of these flooded. The damage to her side resulted in five sections flooding. Even with this knowledge, the inevitability of the Titanic sinking was not readily accepted and the preparations for organizing passengers and crew to abandon ship were delayed so as not to alarm anyone..
Firefighters respond and deal with many incidents based upon past experience. When the unexpected occurs, they continue operating as if nothing has changed - with potentially deadly results!

Unusual circumstance:

The two lookouts atop the Titanic's forward mast, did not have the binoculars they normally would have had because the binoculars were locked up and the keys were not on board. This greatly reduced the lookouts ability to identify hazards in time for Titanic to take avoidance action. Instead of forcing the locker open or adjusting speed based upon the reduced visibility, the 882 ft long, 46,000 ton Titanic continued at 22 knots (about 25 miles per hour).

Consider the number of times fire companies have conducted operations with reduced resources without changing tactics or strategies!
There are many more examples that I leave you to discover or perhaps you already know.
Are you proactively addressing these safety issues or just rearranging the deck chairs?

Editor's Note: Chief Charles (Charlie) Brush MS EFO is Safety Programs Manager, Bureau Fire Standards and Training, Florida State Fire Marshal. He has held the rank of chief in both career and volunteer fire departments, working his way through the ranks of firefighter to chief.

Charlie holds a Master of Science degree, is a Florida Certified Instructor III and a bunch of others "suitable for framing". When not involved in emergency services, Charlie can be found on the water aboard his sailboat. Contact Charlie at Charlie.brush@myflorida.cfo.com

JOIFF member Organisation in Romania developing skills across Europe

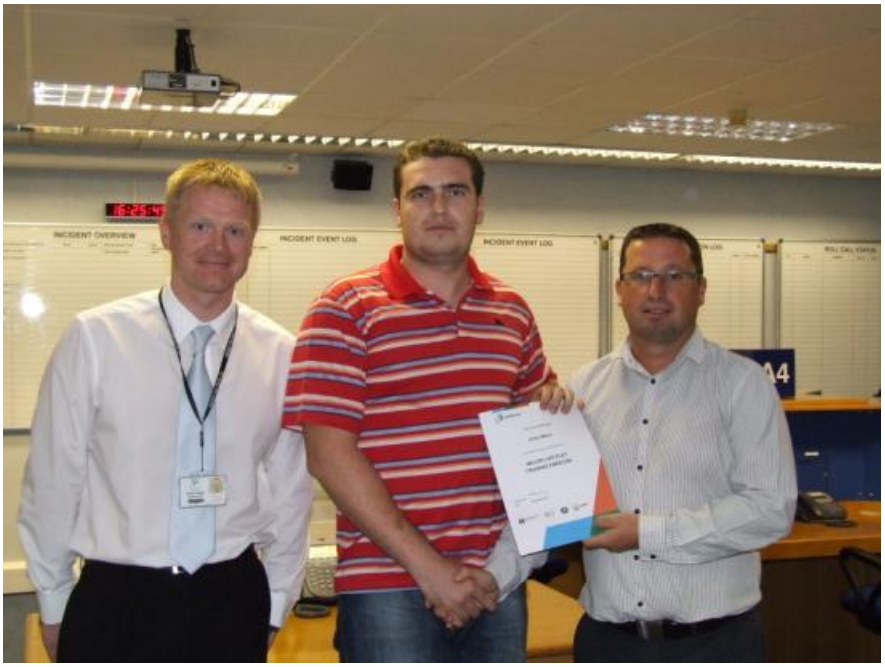
JOIFF member Organisation in Romania developing skills across Europe

JOIFF member Organisation Sembcorp UK Protection Group was delighted to host Iulian Marin Industrial Strategy Specialist, from fellow JOIFF member organisation Petrom/OMV, Romania on a week's placement. Iulian manages the emergency response service provision at Petrom's Petrobrazi Refinery in Ploiesti, Romania.

Iulian joined up with the Sembcorp team at the Wilton International facility to understand more about how the service is delivered to multi-occupancy chemical parks. The placement included observing a Major Live Play exercises at the Huntsman facility and working with the team on infrastructure testing and high volume tank fire fighting exercises. This incorporated some of the new concepts of pre-planning that Sembcorp are working with Petrom to enhance their response services currently delivered by Falck at Petrobrazi.

Sembcorp UK Protection Group is a JOIFF accredited training, provider and during his visit, Iulian successfully completed Sembcorp's Site Incident Controller and Site Main Controller training through a multi-company training event delivered by Sembcorp and was presented with JOIFF accredited certificates of competence for each Course.

The diary on the Training page of The Catalyst and in the JOIFF website lists Sembcorp's forthcoming JOIFF accredited Site Incident Controller and Site Main Controller courses. For further information and opportunities for placements on JOIFF accredited training courses in Sembcorp, please contact Judith Wong at Judith.wong@sembcorp.com



From left to right: Dave Wright, Fire Engineering & Technical Manager, Sembcorp, Iulian Marin, Industrial Strategy Specialist Petrom/OMV, Romania and Paul Frankland, Vice President, Sembcorp UK.

The Emergency Services Show and Conference 2011

Pre-register for your FREE visitor pass now

Taking place 23 - 24 November at Stoneleigh Park in Coventry, The Emergency Services Show and Conference is the key event for anyone involved in emergency planning, response or recovery, both in the UK and abroad.

Moving with the times

Unfortunately accidents at workplaces do occur – in recent times four people were killed in an explosion and fire at Chevron oil refinery in west Wales - consequently an important element of workplace safety is emergency preparedness.
Networking and collaboration with suppliers, colleagues and contemporaries is and will continue to be, an essential part of ensuring an emergency is dealt with as efficiently and effective as possible; The Emergency Services Show and Conference 2011, facilitates the necessary communication by bringing together everyone involved in emergency situations.
Now in its sixth year, The Emergency Services Show is a firmly established annual show that promotes multi agency collaboration by bringing together all stakeholders involved in an emergency – from the strategic planners and first responders, to the manufacturers and suppliers of equipment and services used by these leading professionals.

Who can attend?

The Emergency Services Show 2011 is considered critical for those with a role in emergency planning and business continuity. From buyers and specifiers, emergency planners to responders, this show unites colleagues, contemporaries and suppliers.
Every year emergency and resilience professionals with a role in emergency planning, business continuity, operations, procurement, training and recruitment, attend.

Endless opportunities

Visitors to the exhibition can discover the latest equipments and services from a range of leading companies. Among those organisations confirmed to attend this year's exhibition are: Angus Fire, Draeger, Bristol Uniforms, North Fire, MSA, Argus Thermal Imaging, DuPont, Angloco, Andersons Fire and Rescue, Scott Health and Safety and Godiva. The products and services on display include: personal protective equipment, communications and IT, first response equipment, station equipment, training and education, vehicles and vehicle equipment, business continuity and outsourcing. Many exhibitors will also be carrying out a number of live demonstrations throughout the two days.
There will also be approximately 100 end users exhibiting within the Emergency Response Zone, including JOIFF at stand E69. This zone (essential for operational staff and emergency planning officers) is made up of Category 1 and 2 Responders, Professional, Government and Voluntary organisations, and hence offers perfect networking opportunities to affiliated organisations. The British Compressed Gases Association, CFOA National Resilience, the Met Office, the Flood Forecasting Centre, the Fire Protection Association, the Health Protection Agency, are just a few of the other organisations exhibiting in this specialist area. There is also a dedicated UK Search and Rescue (SAR) Zone including exhibitors: Mountain Rescue England & Wales, Maritime Volunteer Service, Association of Lowland Search & Rescue and the National Search and Rescue Dog Association.

'Doing more with less'

At a time when budgets are being squeezed, this FREE to attend exhibition provides the perfect opportunity for visitors to research methods of 'doing more with less' funds. Visitors will be able to speak to exhibitors about how they may operate more effectively and efficiently, thereby resulting in the highly desirable outcome of "more for less".
David Brown, Show Organiser, Emergency Services (MMC) Ltd, comments: "In these uncertain times it is more important than ever for all emergency professionals and associated agencies to communicate with one another, this may allow resources to be shared and budgets to be maximised. The Emergency Services Show offers the unique opportunity to meet with specialist equipment and service suppliers from the UK and abroad to facilitate mutually beneficial buying arrangements and discuss new important innovations and products."
David continues: "As well as allowing exhibitors to showcase their latest products and services, the exhibition provides an ideal way for professionals to discuss co-operation, ideas and initiatives and learn from each other in preparation for major events taking place over the coming years or prepare for the unexpected."

Conference

This year, the two day conference will be hosted in the dedicated conference centre (opposite the exhibition centre) at Stoneleigh Park. To help organisations cope with a markedly different environment and overcome the challenges of the future, the show's organisers have taken the decision that the conference will be free of charge to attend. This is in recognition that organisations' budgets have been cut and in many cases restrictions put in place regarding individuals attending events. However, it is vital that emergency and resilience professionals continue to learn and network amongst one another to allow both professional development and learning, with the overall aim of improving public safety!
Each day of the conference will be targeted at different job roles. Day one will be aimed at senior management, whilst day two will be directed at operational personnel. The conference will be CPD certified.

Register now for your FREE visitor pass
To register for your FREE visitor pass to The Emergency Services Show 2011 please visit the event's new website www.emergencyuk.com

THE EMERGENCY SERVICES SHOW 2011
Stoneleigh Park, Coventry | 23-24 November

Diary of Events 2011

October

24th – 27th	*Fire Systems Integrity Assurance and Maintenance Workshop*, Abu Dhabi
24th	*JOIFF Annual General Meeting* , Budapest, Hungary
25th – 26th	*European Oil Refinery Fire Chiefs Conference*, Budapest, Hungary

November

1st	*ETANKFIRE Workshop*, Kansas City, MO, USA
14th – 16th	*Civil Defence Exhibition and Conference* Doha, Qatar
23rd – 24th	*Emergency Services Show* Stoneleigh Park, England
29th – 2nd Dec	*Practical*: *Storage Tank Fire Fighting Workshop* , Malaysia

December

13th – 14th	LNG Workshop, Asturias, Spain

March 2012

20th – 22nd	Practical Tank Fire Fighting Kerteh, Terengganu, Malaysia

Please contact the JOIFF Secretariat with details of any event that you think that JOIFF Members might be interested in attending.

Note: *The Catalyst is not responsible for the accuracy of dates and / or venues announced. This is based on information given to the Editors and is published in good faith.*

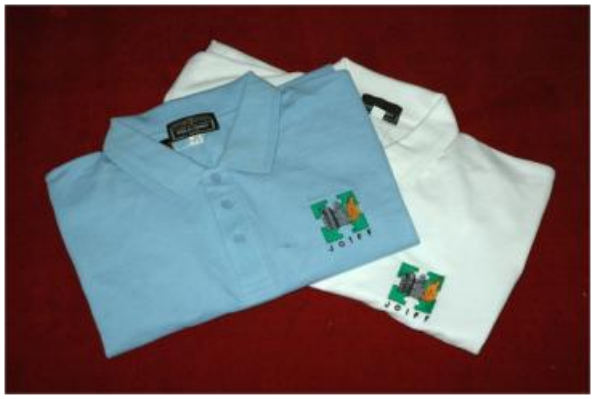
JOIFF Polo Shirts Available

JOIFF now has JOIFF polo shirts available to Members.

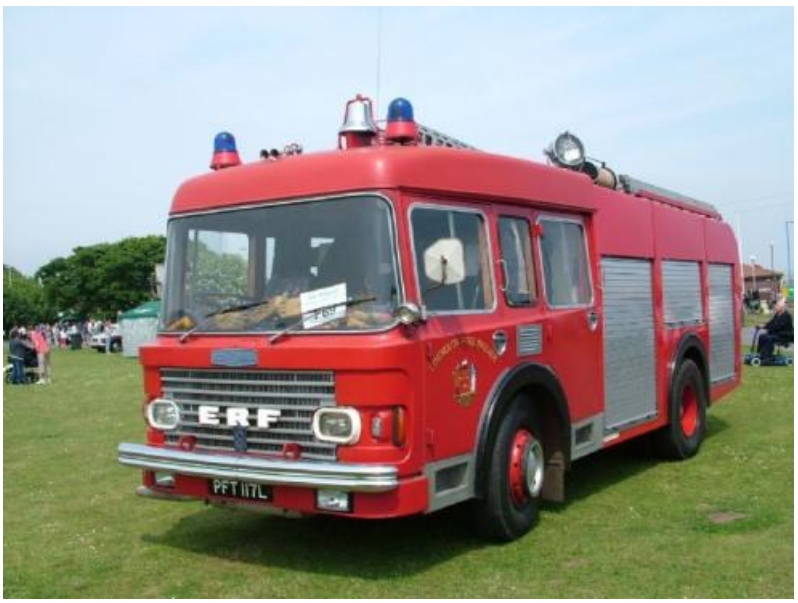
Sizes: Medium, Large, X Large and XX large.

Cost: Sterling £ 12.50p each plus postage.
For delivery in the UK: Sterling £ 15.00p each including postage.

Contact the JOIFF Secretariat to place your order



Classic Fire Truck—A Blast From the Past!



ERF Water Tender PFT117L
HCB Angus bodywork Ex Tynemouth Fire Brigade.

Picture was taken at the Tyne-Tees Rally 2007.

http://www.fire-engine-photos.com/picture/number28445.asp

JOIFF Training Notes

"TRAIN AS IF YOUR LIFE DEPENDS ON IT, BECAUSE SOMEDAY, IT MIGHT!"

JOIFF accredited training is within a Competency Based Training framework and involves not only course content, as also critical to the effective provision of training are the facilities of the training provider/training establishment and the capabilities of the instructing staff. JOIFF has developed systems of accreditation for training providers and minimum instructional requirements for Instructors.

All students who successfully complete a JOIFF accredited course/programme are issued with a JOIFF Certificate of Competence which has its own unique number. Records of all successful students and the courses in which they qualify are retained. There is growing recognition worldwide of the JOIFF Certificate of Competence which is coming to be regarded as a passport to the level of employment and rank which an emergency responder's qualifications enables and entitles them to deserve.

"If you think that you can do it, that is confidence. If you can do it well on an on-going basis, that is competence!"

JOIFF Accredited Training for 2011:

For further information about JOIFF accredited on-Site Competency Based Training Programmes, the range of Fire Service NVQs and any other aspect of JOIFF Training, please contact the JOIFF Secretariat.

The dates below have been provided by UK based JOIFF accredited training providers If the dates are not suitable for you or your own specific training requirements are not listed below, contact the JOIFF Secretariat.

Programme for 2011/2012 JOIFF accredited Training Establishments:

JOIFF accredited Course	Dates	Venue / Organiser
Fire Incident Command Course (5 Days)	4th—8th July 12th – 16th September 21st – 25th November 12th – 16th December 2012 9th – 13th April 2nd – 6th July 10th – 14th September 19th – 24th November	Netherlands / Falck Risc
Site Incident Controller Training (1 Day)	17th November 2012 26th January 17th May 2012 10th September 28th November 2012	Sembcorp UK Protection Group Headquarters Wilton UK
Site Incident Controller Training	2012 13th February 21st June 18th October	Sembcorp UK Protection Group Headquarters Wilton UK
JOIFF Accredited Industrial Fire Fighter	16th – 20th January 2012	LF&RS Washington Hall International Training and Development Centre
JOIFF Accredited Team Leader	5th - 9th March 2012	
Breathing Apparatus Instructor	5th – 16th March 2012	

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