



ALERT

FLASHPOINT

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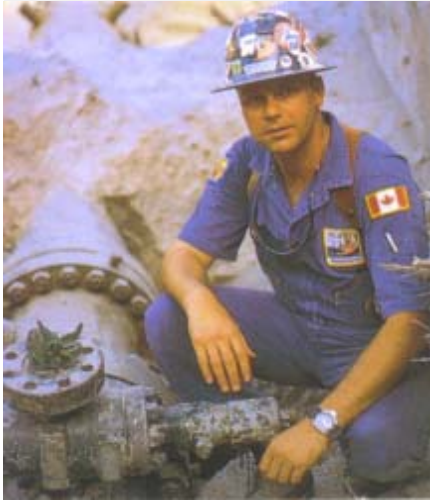


DNV Accredited ISO 9001 Quality Management System

ALERT DISASTER CONTROL

FLASHPOINT

Global Emergency Response and Preventative Safety Services



FROM the beginning of time, mankind has exploited the use of 'oil'. Prehistoric man depicted pools of oil in cave drawings. Ancient Chinese records describe the design of tools for recovery of oil from springs. Alexander the Great's vast army recorded the use of oil gathered from oil seeps and pits in the region of Baku, Azerbaijan.

Throughout the oil industries history; from the first oilwell drilling operation in Canada to the Drake discovery well in Titusville and the early Appalachian play; from Parker City, Pennsylvania to Spindletop; from Digboi, India to California and Oklahoma; from Turner Valley to the Tampico oil fields; from the Kingdom of Saudi Arabia to Montrose, the quest for energy has been one of the most significant factors in the development of our world to date.

The Company

ALERT DISASTER CONTROL has actively participated in our industry's progressive evolution through the provision of Emergency Response and Preventative Safety Services. **ALERT** proudly serves the aviation, construction, marine, petroleum exploration and production and petrochemical industries, worldwide.

Our History

Alert Disaster Control (Canada) Inc. commenced operations in Calgary, Alberta, Canada. The Company's scope of services initially focused on the provision of oilwell firefighting and blowout control services.

Although initially concentrating on the Canadian oil industry the Company soon expanded internationally. Through prior knowledge of the international market,

Mike Allcorn, having lived and worked the majority of his life abroad, identified and developed a strategic business plan for the Company's international interests. This resulted in immediate operational activities in Africa, the Middle East, South America, and the Indian Sub-Continent.

The Company expanded its operations with establishment of Alert Disaster Control (Asia) Pte. Ltd. in Singapore in 1988. Although still focusing on the provision of emergency response services, the Company recognized the need to assist its clients through the development of preventative safety services. Through assessment of the emergency response incidents which

ALERT were responding to, the Company began to place as much effort to develop 'pro-active' services rather than the 'reactive' service historically offered by the oilwell firefighting community.

This resulted in the development of a number of progressive service entities under the 'Preventative Safety Service' mandate. In particular, **ALERT** established a Safety and Survival Training Division with initial classroom and practical training facilities, in addition to, construction of the "ALERT 1 - Sri Kresna" training vessel designed for the provision of advanced safety and survival training. To date, **ALERT** have developed in excess of 50 internationally



*Oilwell Firefighting & Blowout Control;
Well Control Engineering & Management Services*

accredited competency based safety and survival training programs. **ALERT** have conducted such training for over 35,000 students representing in excess of 350 companies working in approximately 50 countries.

Shortly after establishing our operations base in Singapore, the world was jolted once again with the realities of energy, power and territorial confrontations initiated by nomadic tribal disputes which commenced long before names such as Rockefeller, companies such as Standard Oil and countries such as Canada or the United States existed. The attempted occupation of Kuwait by Iraq and ensuing Gulf War resulted in the demolition and subsequent ignition of the Kuwait oil fields. **ALERT**, under contract to the Kuwait Government for the provision of two (2) oilwell firefighting and blowout control teams and equipment, assisted in the overall extinguishment, capping and control of 732 well fires. The ceremonial well, extinguished by the Emir of Kuwait on 6 November 1991, completed the now historical Al-Awda Project. In addition, it closed a chapter on traditional oilwell firefighting companies modes of operation.

Continued Progressive Development

ALERT DISASTER CONTROL, from its inception, saw a need to establish a stronger blowout control engineering, management and supervision service to the oil and gas industry from that previously offered. In addition, and of equal importance, was the requirement to offer a diverse service expertise encompassing both emergency response and preventative safety services. Furthermore, it was **ALERT**'s belief that through establishment of a closer 'day-to-day' working relationship with



Marine & Industrial Firefighting; Hazardous Material Control; Toxic Environment Protection Services

our customers, the ability to work together in the development and implementation of pro-active preventative technologies and methodologies would greatly reduce our industries losses.

The Company continued to expand with the opening of Alert Disaster Control (USA) Inc. offices in Houston, Texas in 1992. The new office assisted **ALERT** further in its continued interest to establish 'call-out' contracts whereby **ALERT**, working together with our customers, are able to identify pre-planning blowout control contingencies and resource requirements in the event of an incident. These are developed on a regional and/or site specific basis dependent on the activity, location and possible political considerations.

The establishment of stronger relationships with our customers has facilitated **ALERT**'s ability to assist in the provision of a spectrum of loss management services. This has included the development and provision of Five (5) Star Health and Safety Management

Systems incorporating independent fire risk assessments and safety management system audits of our customers HSE administration policies and procedures, facilities, installations and vessel operations. Upon assessment of the initial audit findings, **ALERT**, as requested by the customer, are able to assist further through development, provision, implementation and maintenance of: Safety Management Systems, Well Control Management Systems, Environmental Impact Assessments; Loss Control Analysis; Accident / Incident Investigations; Fault / Failure Analysis; Pre-Hire Audit / Inspections; onsite Safety Supervisors; internationally accredited competency based training; fire fighting and safety equipment and product sales.

ALERT DISASTER CONTROL remains committed to our customers through the provision of professional and cost effective Emergency Response and Preventative Safety Services encompassing:

Emergency Response Services

- Oilwell Firefighting & Blowout Control
- Well Control Engineering & Management
- Marine & Industrial Firefighting
- Hazardous Material Control

Preventative Safety Services

- Toxic Environment Protection
- Loss Management
- Equipment Manufacturing & Product Sales
- Safety & Survival Training



Loss Management; Equipment Manufacturing & Product Sales; Safety & Survival Training

IASST MISSION AND GOALS

IASST Mission

To facilitate International Standardization and Safety and Survival Training Requirements through Partnerships within Relevant Industrial and Regulatory Bodies which Result in an Accident Free Marine Environment.

Goals Of The IASST

- *To provide competency based training for the prevention of loss of life, injury and damage to property and the environment.*

How is this accomplished ? It appears this may be achieved through consultation and auditing processes. However the respective Maritime Administration is ultimately responsible to oversee and approve its own national standards. The recent suggestion of harmonization or common standards for Instructors may enhance these. (i.e. develop appropriate instructor's manual)

- *To assist industry, government and community groups to provide qualified emergency personnel where and when required.*

This may be accomplished through the provision of the Association's membership and its diverse expertise within the spectrum of various disciplines. (i.e. firefighting, offshore safety and survival) This may include a cost for services approach. Interaction, faculty exchanges and business alliancing with government, industry and community groups would create potential mechanisms for achieving this goal. A more aggressive and comprehensive marketing approach appears necessary.

- *To contribute to the development and improvement of safety and survival technology.*

Again the Association must be more proactive in gaining national and international recognition through marketing and the demonstration of its diverse knowledge and expertise. It may be necessary to create committees in order to produce creditable literature for sale and distribution. The Association must also gain more respect from manufacturers as it relates to current and leading edge technology.

- *To encourage global harmonization of training standards and guidelines in pursuit of a zero accident philosophy.*
- Achieving a zero accident philosophy



ALERT safety and survival training exercise – South China Sea.

is a commendable notion however distant it may appear. The Association must encourage this philosophy and promote its commitment within the global arena through marketing, recognition, and the demonstration of a more aggressive approach to safety issues. This may be accomplished through articles, participating in investigations and being more outspoken as a recognized international safety orientated Association.

- *To provide consultative and advisory services in safety and survival training.*

The Association must convince industry and government that it is a creditable entity and that it can provide quality consultative and advisory services

in safety and survival training. Again we must be more proactive and aggressive in our approach.

- *To encourage instructor exchanges and an interchange of ideas and information on safety and survival matters.*

The Association and its membership may currently participate in such exercises independently, however it may be appropriate to request or initiate such cooperative agreements through the Association's Board of Directors.

- *To forge recognition and global partnerships with government, industry, national and international organizations.*

The Association must continue its pursuit in obtaining international recognition and in particular recognition from the IMO. We must demonstrate our commitment and our focus as it relates to safety and survival issues on a global platform.

Taken from a discussion paper relating to the achievement of IASST Goals.

The IASST provides a highly valuable resource tool for every facet of our industry. At present the Association is underutilized as such. Any queries can be directed to **ALERT**. As a Management Committee Member we will gladly forward them to the relevant area within the Association.

OPITO Press Release – ALERT DISASTER CONTROL

ALERT DISASTER CONTROL (ALERT), based in Singapore, recently gained approval from the Offshore Petroleum Training Organization to deliver Basic Offshore Safety Induction and Emergency Training and Further Offshore Emergency Training.

The Offshore Petroleum Training Organization (OPITO) has worked with the oil and gas industry in the United Kingdom for over ten (10) years to develop standards of quality and competence for emergency response training. This work has primarily concentrated on North Sea operations but the standards are now being recognized as appropriate for other countries.

John Boath, the nominated OPITO Project Leader for this work, reviewed the documentation submitted by **ALERT** prior to visiting their operation in Singapore where he conducted a quality assurance audit of their facilities, staff, programs and management systems.

John stated, "It was pleasing at the end of

the audit to be in a position to recommend **ALERT** for OPITO approval. As well as meeting all of the OPITO standard requirements, **ALERT**'s fine facilities and professional way in which their staff delivered the courses enabled me to arrive at a positive recommendation."

Like all other OPITO centers, **ALERT** will be subject to a re-approval every three (3) years and during this time monitoring (which can include unannounced visits) will be carried out.

ALERT's geographical position allied to their wealth of experience in emergency response and loss control services make them a valuable addition to the ever growing list of OPITO approved establishments around the world.

ALERT establishes precedence within Asia being the first training center to receive OPITO approval within the region. Other overseas OPITO approved centers are located in Holland and Italy.

THE ASIA/PACIFIC 'ALLIANCE'

ALERT, as the Asia/Pacific partner to the 'Alliance' of Williams Fire & Hazard Control, 3M Speciality Chemicals and Emergency One, provide the fire professional with a complete range of fire protection services, equipment and systems options. Together, we combine the finest fire fighting chemicals, with high volume, reliable and proven technologies, which result in greater opportunities for success to the end user.

In recent years, fire and safety professionals around the world have taken advantage of these combined technologies to assist in their overall loss reduction programs.

Williams Fire & Hazard Control designs, fabricates and commissions its own broad range of equipment for storage, proportioning and delivery of 3M Light Water™ Foam Products. Its product line encompasses fixed or portable fire suppression systems, including exclusive application on E-One™ Emergency Response Vehicles.

The Foam Systems Division of Williams Fire & Hazard Control is a major supplier of engineered foam system components. In addition to marketing 3M Light Water™ AFFF products, Williams Fire & Hazard Control design and manufacture an entire line of foam storage, proportioning and delivery equipment under the name "Spectrum". These engineered fire fighting systems include, but are not limited to, the following:

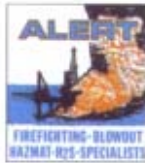
- Atmospheric Storage Tanks
- Bladder Tanks
- Ratio Flow Controllers
- In-Line Balanced Pressure Proportioning Modules (ILBP)
- Foam Pump Skids
- Balanced Pressure Proportioning Skids
- Manual Foam / Water Stations
- Foam Chambers / Makers
- Oscillating Monitors
- High Back Pressure Foam Generators
- Speciality Hydro-Foam™ and Hydro-Chem™ Stations
- High Volume / Remote Control Monitors

One of the most significant features of the specified fixed and portable fire suppression systems has been its unequaled proven application, successful extinguishment and control of actual firefighting and hazardous material incidents throughout the world. These



MV "Western Legend" outfitted with WFHC High Volume Remote Control Foam / Water Monitors (photo courtesy of Western Geophysical).

The Asia/Pacific 'Alliance'



**ALERT
DISASTER CONTROL**

3M

**3M SPECIALITY
CHEMICALS**



**WILLIAMS FIRE &
HAZARD CONTROL**

E-ONE

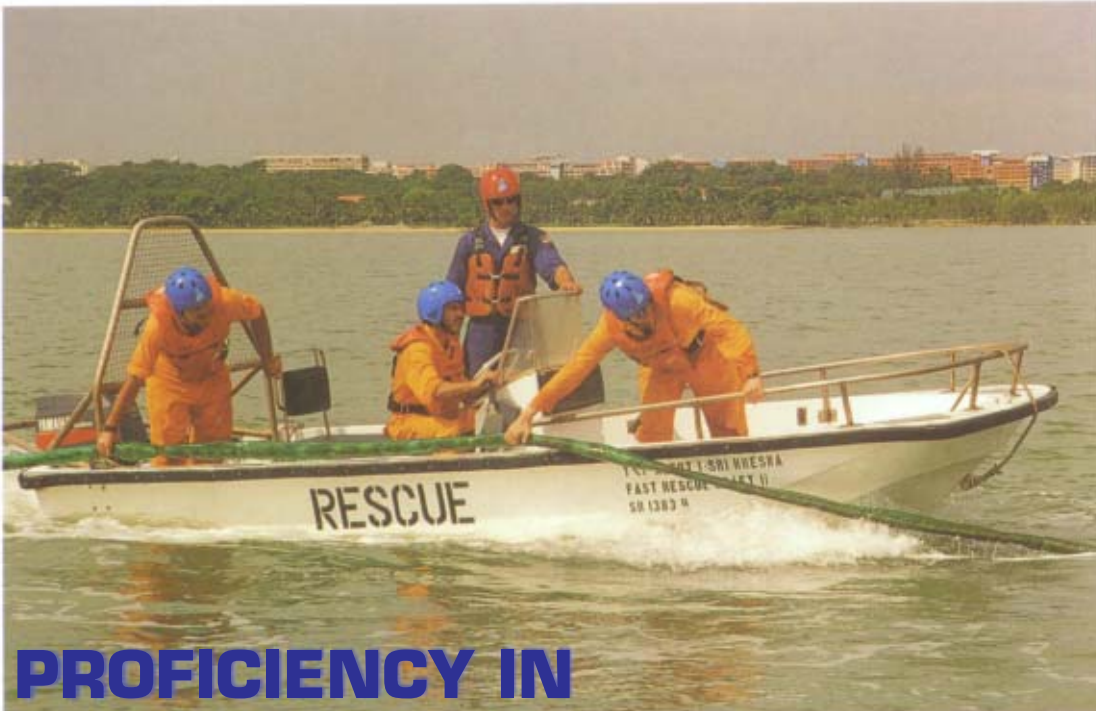
EMERGENCY ONE

incidents have included: container ship fires in the South China Sea; subterranean / mine fires; fuel barge fires in the Amazon River; oilwell fires in Kuwait; VLCC fires in the Indian Ocean; storage tank farms, refineries and petrochemical process facility fires in North America, South America, Europe, Africa, the Middle East and Asia/Pacific.

The "Spectrum Direct – Mounted Electric Actuated High Volume Remote Control Foam / Water Monitor", highlighted within the accompanying photographs, is representative of the versatility of the fire suppression systems offered. Whether your application involves the protection of your drilling installation, production platform, process facility, portable or fixed machinery, loading terminal or jetty, tank farm, aircraft hanger or marine vessel... we have the solution. **Please feel free to contact [ALERT](#) or an 'Alliance' partner for your current or future fire suppression requirements.**



Mr. Geoff Wood, Area HSE Manager, Western Geophysical, during installation / commissioning of WFHC High Volume Remote Control Foam / Water Monitors aboard MV "Western Legend".



PROFICIENCY IN FAST RESCUE BOATS

THIS course has been designed to meet the requirements of the International Maritime Organization (IMO) specifications for the minimum standards of competence in fast rescue boats. Successful participants will be issued with a certificate under the provisions of the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers, 1978, as amended in 1995.(STCW 95)

As the obvious versatility of rescue boats has been identified by the offshore petroleum industry, numerous offshore installations, supply vessels, seismic vessels and ships now incorporate fast rescue craft. Through lectures and extensive “hands on” training this program provides successful participants with the knowledge, skill and practical experience required to enable them to successfully utilize these craft. As per the requirements of the Convention, participants will be required to demonstrate specified levels of competency. In addition to normal operations, this program will examine relevant aspects of collision regulations, search and rescue operations, fast rescue boat survival first aid techniques and maintenance procedures. The course also incorporates cable handling where specified by the particular client.



Seismic cable recovery and repair simulation during Fast Rescue Boat training drills.



Realistic helicopter cockpit and cabin simulations.

HELICOPTER UNDERWATER ESCAPE TRAINER (HUET)

ONCE again ALERT has responded to your valuable feedback. As part of our quality management system (ISO 9001) ALERT reviews every customer comment with professional courtesy and reverence. Previous to the publishing of this issue of our Flashpoint newsletter, several comments were received with regards to our Helicopter Underwater Escape Trainer (HUET), or in layman’s terms, “the dunker”. Comments were directed at the realism of the simulator, both in terms of dimension and operation. ALERT’s response was to totally refurbish the existing unit, thus creating a more realistic training environment.

Working with engineers and helicopter pilots from two (2) different helicopter companies, ALERT utilized actual technical drawings of helicopters to



Advanced helicopter ditching, egress and personal survival training.

create a dimensionally correct training evolution. This was further enhanced with the addition of exits, seats, harnesses, controls, safety equipment and release mechanisms representative of actual units. Where practical ALERT has installed the actual components obtained directly from the manufacturer. Again, ALERT takes the student to the brink of realism and then safely home at the end of the day.


RIDWAN ABU BIN BAKAR


AS a Safety and Survival Training Instructor Ridwan also acts as an Assistant Bargemaster. In this capacity Ridwan shares responsibility for the Company's Safety and Survival Training Division training vessel. Ridwan specializes in offshore safety and survival techniques and skills. His extensive marine experience involving container ships, general cargo and tankers has proved to be a valuable asset.

Ridwan's qualifications encompass over ten (10) years marine experience (domestic / international). He holds a Singaporean Certificate of Competency as a Deck Officer and since joining **ALERT** he has achieved certification to instruct several internationally accredited safety and survival training programs.


JASON ERIC DOWDY


JASON has been involved with **ALERT** for a number of years through **ALERT**'s Student Employment Program. Joining **ALERT** each year during his scheduled holidays, Jason was able to pursue studies in Petroleum and Safety related fields. Originally from Arizona, Jason's studies initiated moves to Houston, Texas and finally Singapore where he completed his schooling in 1996. Immediately following completion of his academic endeavors Jason became a member of the **ALERT TEAM** in January 1997.

Completing **ALERT**'s Instructor Development Program, as well as other relevant internal and external training requirements, Jason has become an extremely competent instructor. Initially instructing HUET and Personal Survival courses, Jason has progressed to where he enjoys the challenge associated with more specialized courses such as Advanced Firefighting, Proficiency in Fast Rescue Boats and Proficiency in Survival Craft and Rescue Boats Other Than Fast Rescue Boats.


M. ARIS BIN SULAIMAN


AS a Safety and Survival Training Instructor Aris also acts as **ALERT**'s Barge Engineer. In this capacity Aris is responsible for repair and maintenance aboard the Company's Safety and Survival Training Division vessel, Alert 1-Sri Kresna, as well as **ALERT**'s firefighting and well control equipment. With over ten (10) years marine engineering experience (domestic / international) Aris is able to impart the mechanical aptitude often required by students to fully grasp the subject matter. Aris currently maintains a Singaporean Certificate of Competency as a Marine Engineering Officer.

Aris, having progressed through **ALERT**'s Instructor Development Program, presently specializes in Firefighting and Breathing Apparatus / Respiratory Protection. Aris intends to pursue goals in First Aid and Safety Management.

If you would like further information on any of the articles or services mentioned within this newsletter, please contact:

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