



1st Quarter 2007

EMERGENCY RESPONSE JOURNAL

Inside This Issue

A Strong Start	1
Advanced Underwater Search – The DIDSON Sonar	2
High-Intensity Discharge (HID) – The New Generation of Underwater Light Systems	3
Ocean Management System Joins Forces with PERT	4

A Strong Start

By Simon Kee

We would like to thank the entire crew of the PERT Asia-Pacific office for helping roll out this first issue of the Emergency Response Journal in Asia.

Professional Emergency Response Training (PERT) was introduced to Asia in August 2006. Being time-proven over the years, PERT will be a very valuable system here in this region.

Since our inception in 2006, we are pleased to see that many government agencies have previewed and supported the training system. Several elite rescue and operational units have given valuable encouragement and feedback. This helped us to create training systems tailored to our unique environment.

Exceptional praise and appreciation go to our group of manufacturers and field experts. They have guided us greatly in developing our specialized training modules for the most up-to-date diving and search and recovery equipment in the industry.

With a strong start for PERT in Asia; we are looking forward to a very exciting year ahead.

Safe diving to all.

A stylized, handwritten signature in black ink, appearing to be 'SK' or similar initials.

Simon Kee
General Manager
PERT Training Asia

Advanced Underwater Search - The DIDSON Sonar

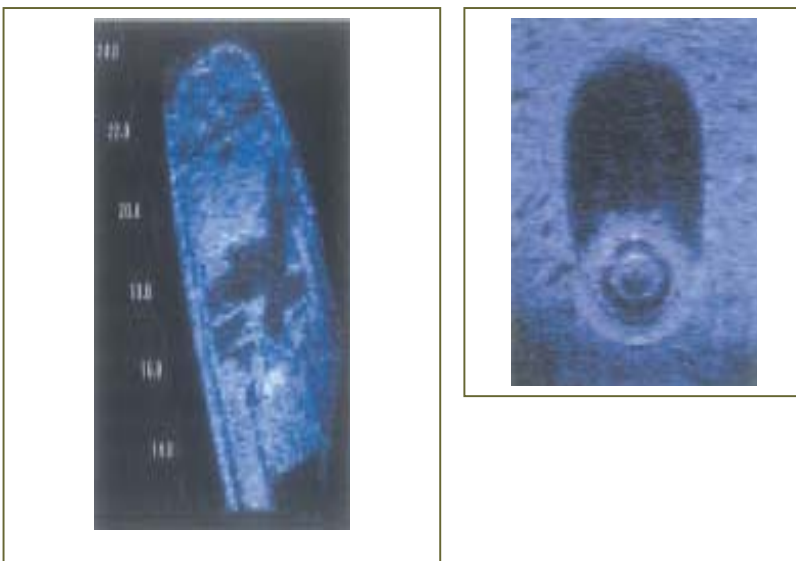
In collaboration with Advanced Marine Pte. Ltd, the PERT team has developed an advanced operations training module, called the **Sonar Array Search and Recovery**. This module is focused specifically on the use of the diver-held DIDSON Sonar, which produces high-definition images of the coverage area.

The Sonar Array Search and Recovery, like many other PERT training system modules, can be custom-tailored to suit an individual agency's requirements. For example, the DIDSON sonar comes with a ROV-mountable version which can be used for training by combining it with the PERT Remotely-Operated Vehicle (ROV) module.

Related training modules are also available to compliment the operation of the DIDSON sonar, like the PERT Side-Scan Sonar Search and Recovery.

In emergency response, speed and accuracy are often the key differences between success and failure. It is critical for response teams world-wide to be equipped with the best state-of-the-art tools of the trade, coupled with the most best and most comprehensive training to use them.

Images from the DIDSON Sonar showing a submerged vessel and an automobile tyre.



High-Intensity Discharge (HID) – The New Generation of Underwater Light Systems

High-Intensity Discharge (HID) evolved from high-powered lighting systems dating back to the days of the halogen bulb. Based on electrical arcing and a special gas encased in the bulb, the HID emits a brilliant pure-white light.

The brightness is comparable to any halogen bulb, with one important advantage. The HID system produces the same amount of illumination, but expends only 25% of the power needed by a halogen bulb. Thus the same battery pack will last about four times longer with an HID light assembly.

PERT Asia-Pacific has established a strategic alliance with one of the biggest HID lighting system manufacturers in Asia. Together we are introducing a line of emergency- and rescue-rated HIDs, for use both in diving and land-based operations.

We have long sought a powerful, reliable, and energy-conserving lighting system. With the advent of HID technology, a new generation of strategic solutions is on the market.

PERT firmly believes that the best equipment is as important as the superior standard of training we provide. We will always strive to be at the forefront of the technological edge in **our continuing quest for excellence.**

“Virtually the same amount of illumination, but expending only 25% of the power needed by a halogen bulb.”



A HID Canister Dive Light rated for 100m



Ocean Management System Joins Forces with PERT

Leading scuba diving equipment manufacturer Ocean Management System (OMS) confirmed a collaborative agreement with PERT during the **Asia Dive Expo in August 2007 in Bangkok**. Besides making specialized heavy-duty diving equipment like Cordura-lined BC bladders, OMS offers a range of BC systems rated for Contaminated Water Diving.

OMS' range of extreme diving equipment has long been a preferred choice of equipment for recreational and technical divers alike.

OMS was one of the first manufacturers of the Backplate BC. A stainless steel backplate, where the cylinder is mounted, replaces the weight belt. Weight is spread across the entire back, allowing a diver to have better trim and a streamlined position.



*The OMS Contaminated Water Buoyancy Compensator System
(IQ Pack and 60 lb lift BC with special urethane coated material)*



Professional Emergency Response Team

InDepth Training Inc.

**c/o DSRG Asia-Pacific Pte Ltd
152 Beach Road
Level 28 Gateway East
SINGAPORE 189721**

**Phone:
(65) 6545 0801**

**Fax:
(65) 6234 2750**

**E-Mail:
simon@pert-training.com**

**We're on the Web!
Visit us at
www.pert-training.com**

