



## What Ship Owners Need to Know

### United States Coast Guard Changes Regulations for Serious Marine Incidents

The USCG has recently revised regulations for Serious Marine Incidents (SMI's) and the mandatory use of alcohol breath testing. These changes take effect June 20, 2006 and include:

- i) **Mandatory alcohol testing after a serious marine incident** to ensure that mariners or their employees involved in a SMI are tested for alcohol use within 2 hours of the occurrence of the incident. This final rule also requires that most commercial vessels have approved alcohol testing devices on board.
- ii) **The Coast Guard is amending its regulations** governing marine casualty reporting requirements by adding "significant harm to the environment" as a reportable marine casualty, and by requiring certain foreign flag vessels, such as oil tankers, to report marine casualties that occur in waters subject to U.S. jurisdiction, but beyond U.S. navigable waters, when those casualties involve material damage affecting the seaworthiness or efficiency of the vessel, or significant harm to the environment.
- iii) **The final rule requires that marine employers carry** alcohol-testing devices listed on the most current versions of either the NHTSA Conforming Products Lists of Evidential Breath Measurement Devices or the NHTSA Conforming Products List of Alcohol Screening Devices. The current Conforming Products Lists are published in the Federal Register and available at:

<http://www.nhtsa.dot.gov/people/injury/alcohol/ehtcp1040714FR.pdf>

More information about these changes can be found by visiting:

<http://www.uscg.mil/hq/g-m/regs/publications.html>

To find out how ACS can help ensure your shipping company can meet the new regulations, please contact:

Christopher Wilson, Director – Breath Test Products  
(905) 670-2288 or [cjwilson@acs-corp.com](mailto:cjwilson@acs-corp.com)

ACS has reserved NHTSA approved inventory specifically for ships affected by the revised regulations to ensure your company is in compliance.

## Helpful Tips for Personal Breath Testers

- 1** When taking a test, blow moderately and consistently. Do not blow with excessive force.
- 2** Preventative maintenance and calibration adds to the longevity and specificity of the breath alcohol tester.
- 3** The tip of a mouthpiece may be 1.0 cm long but a sufficient seal occurs within the first 0.5 cm.
- 4** Rinse your mouth with water prior to a test to help prevent false readings.
- 5** Always use a new mouthpiece for each test.
- 6** Just because you feel fine doesn't mean you are. The body compensates to offset the perceived affects of alcohol.



## Greetings & welcome to our next 30 years!

I am very excited to celebrate this historic milestone in ACS's history – our 30th anniversary. This year, ACS is focusing on improving

solutions for you, our valued customer. You will benefit from many new products, cutting-edge technologies and streamlined ways of doing business designed to deliver a standard of customer service that will impress even our most demanding customers.

**I**n the past three years alone, our business has expanded over 100% because of you. ACS now distributes breath testing products in every continent on the globe. We have interlock programs in seven Canadian provinces, several U.S. states, six European countries and are forecasted to have another record breaking year! How? Our mission is to push the envelope in breath alcohol testing and ignition interlocks as much as possible by working closely with several safety, accident, and technological research groups sponsoring symposiums and studies. Not bad for a small start-up with the singular vision of developing a reliable, cost-effective breath alcohol tester thirty years ago!

What impresses me most about ACS is the quality of our people. The ACS team is a responsive, innovative and dedicated group that delivers quality products and reliable service with the utmost integrity. Our managers foster change, our engineers continually pursue excellence and our shareholders lead with great vision. This vision translates into deliverables and accomplishments that our customers deserve.

Several initiatives which begun in 2005 and early 2006 will be evident to our customers as the year unfolds:

- We've installed a comprehensive manufacturing / distribution system from SAP that will enhance our delivery process. We'll be better connected

to each other, to our customers and to vital information like never before.

- ACS will soon become ISO 9000 certified, further ensuring quality to our customers, from design, through manufacture and delivery.
- New ignition interlock and breath testing products will provide customers with a wider range of choice and applications. Read more in this issue!
- A "Gold-Star Customer Service" program has been adopted and its implementation is a priority for 2006.
- We'll provide enhanced access to information critical to our customers, distributors and service centres via the internet. This will include information on products, training, service, technical information and more.

I think you'll agree that there is much going on at ACS and I hope you enjoy this newsletter! Everyone at ACS is looking forward to serving you throughout the years and we welcome any feedback you wish to share.

Sincerely,

Stephen Hale  
President



**Stephen Hale**  
PRESIDENT

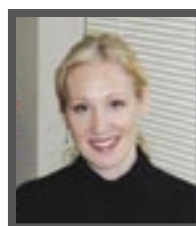
Stephen Hale is the President of Alcohol Countermeasure Systems (ACS). Mr. Hale's career at ACS began in

December 2004 as a financial and strategic consultant. In January 2005 he was appointed Chief Financial Officer and in January 2006 was promoted to President.

During 2004 and 2005 Mr. Hale also successfully operated his own Business and Financial Consulting firm where he assisted in the development of The Ergonomic Network Inc., serving as the firm's Strategic Advisor and CFO. He was also the interim Vice President of Finance for the Centre for Studies in Insurance Operations assisting their Board of Directors with financing and other strategic issues.

From 1991 to 2003, Mr. Hale was the founding partner of The Insurers Financial Group Inc. As Chairman and CEO he delivered 1800% profitable growth over a 12-year period, grew the staff from 8 to 125 and negotiated and executed several acquisitions. In 2003 Mr. Hale sold his interest to ING Canada.

Mr. Hale is a graduate of the University of Toronto, with a Bachelor of Commerce degree and received his Chartered Accountant Designation in 1982.



**Danielle Wilson**  
CHIEF EXECUTIVE OFFICER

Ms. Wilson has worked for Alcohol Countermeasure Systems (ACS) in various positions for over 20 years. In October 2004,

Ms. Wilson accepted the role of Managing Director which provided the executive leadership training to succeed in her current role as Chief Executive Officer which took effect in January 2006.

Ms. Wilson received an Honours Bachelor of Science in Psychology from McMaster University followed by a Doctor of Naturopathic Medicine

Degree from the Canadian College of Naturopathic Medicine. She successfully managed a private practice for five years, prior to becoming Managing Director at ACS.

Ms. Wilson is looking forward to continuing in her current role of Chief Executive Officer, assisting in the development of ACS's strategies, and sharing in the achievement of its goals.



**Felix J.E. Comeau**  
CHAIRMAN

Mr. Comeau has been with Alcohol Countermeasure Systems (ACS) since 1978 in leadership roles ranging from

Vice President - Research and Development, Chief Executive Officer and most recently as Chairman. The full responsibility for the direction and management of the company was attained with the position of Chief Executive Officer in 1982, including the continued requirement for product development and international marketing.

Mr. Comeau was instrumental in the design of the first commercially available ignition interlock introduced into the USA and furthered the software design that led to random rolling re-test and comprehensive data-logging. He developed an electro-chemical (fuel cell) sensing interlock that has set the highest standards for anti-circumvention and use in extended temperature and harsh environmental conditions.

Prior to joining ACS, Mr. Comeau was a Forensic Specialist in Alcohol with the Royal Canadian Mounted Police Forensic Science Laboratories.

Mr. Comeau graduated from McMaster University with a Bachelor of Science (Honours) in Biochemistry. He has also successfully completed several other undergraduate and continuing education courses from various universities and colleges on aspects of Forensic Sciences, instrumental techniques, biopharmaceutics, and medical pharmacology.



## i5 Wireless Alcolock

The i5 wireless ignition interlock will be available soon! With advanced wireless technology, the i5 becomes virtually invisible to passengers and can easily be carried in a handbag or pocket. The interlock is installed quickly and easily without having to be an expert in vehicle ignition systems.

The i5 offers **simplicity, reliability** and **value**:

- Simple to operate and easy-to-read LED display means anyone can use the interlock after a brief introduction.
- With electrochemical sensor technology, the i5 accurately detects alcohol in temperatures from 0° to 40° Celsius.
- Quality doesn't mean expensive. The i5 provides advanced technology with minimal investment.

# Wireless

## ALERT J5

ACS will be adding a new breath alcohol tester to its product line!

The ALERT J5 will be an electrochemical (fuel cell) based personal breath tester specifically designed for law enforcement and industrial markets. Unlike the J4X, the J5 will feature a user-friendly, interactive menu; and the ability to function with both AC and DC

power. **"Our R&D team has successfully engineered a cost-effective and incredibly accurate breath tester that is packed with our customer's most valued features built in. This is the product everyone's been waiting for and we are proud to offer the J5 to our customers"**, said

Chris Wilson, Director of Breath Test Products. The J5 will be available in the summer of 2006.

