

# Company Newsletter

**WINTER 2009/2010**

Welcome to the Winter 2009/2010 edition of the **SEA CON**<sup>®</sup> Group newsletter which contains all of the latest company news and product developments that have taken place across all divisions within the **SEA CON**<sup>®</sup> Group. We hope you enjoy reading this newsletter and would welcome any comments that you wish to make. If you would like to receive further information on any of our products or services then please contact us. Tel +1 (619) 562-7071 or e-mail [seacon@seacon-usa.com](mailto:seacon@seacon-usa.com)

*We don't just make connectors...  
...we provide solutions!*

- **SEA CON**<sup>®</sup> Brantner & Associates, Inc.,  
Move to New Premises
- New Wet-Mate Products
- New Personnel
- New High Power ALL-WET  
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- New Wet-Mate **GLOBE-CON**
- **SEA CON** (europe) Ltd Sponsors  
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## **SEA CON**<sup>®</sup> Brantner & Associates, Inc., Move to New Premises



*SEA CON*<sup>®</sup> Brantner & Associates, Inc., New Premises

**SEA CON**<sup>®</sup> Brantner & Associates, Inc., of El Cajon, California will soon be re-locating to new premises.

The move scheduled to take place on 31st December 2009 will not affect production or delivery of products and will be fully completed by 4th January 2010. More details of the move will be available shortly.

New contact details are as follows:

**SEA CON**<sup>®</sup> BRANTNER & ASSOCIATES, INC.,  
1700 Gillespie Way,  
El Cajon, California 92020, USA.

TEL: +1 (619) 562-7071  
FAX: +1 (619) 562-9706

E-Mail: [seacon@seacon-usa.com](mailto:seacon@seacon-usa.com)  
Website: [www.seacon-usa.com](http://www.seacon-usa.com)



*Side View of New Facility*



*Loading and Storage Bay*



### New Wet-Mate Products

**SEACON Advanced Products, LLC** of Bellville, Texas has now supplied over 60 3.3kV **CM2000** electrical wet-mate jumper assemblies.

Having successfully completed a Qualification Testing program to 15kV and a pressure rating of 6,500 psi, these new connector assemblies are available in over 12 different configurations including bulkhead, flying lead and stab plate interfaces and utilize Precision Subsea AS 20mm PBOF (Pressure Balanced Oil Filled) hose and fittings.

The **CM2000** is a modular electrical wet-mate connector and is suitable for adaption to special designs. Available with 2mm, 3mm, 6mm or 8mm diameter electrical contacts, this connector has a current rating of up to 100 amps and a depth rating to 3,500m (11,500 feet). With a



Wet-Mate Electrical Jumper Assembly



Wet-Mate Electrical Connectors

design life of 25 years and a minimum of 100 mate and de-mate cycles, the **CM2000** is suitable for a variety of underwater applications including subsea control, seabed seismic and sonar systems, umbilicals, deepwater drilling systems, submarines and classified military programs.

For further details please contact  
**SEACON Advanced Products, LLC** on  
**+1 (979) 865-8846**  
 or e-mail [sales@seacon-ap.com](mailto:sales@seacon-ap.com)

### New Personnel



Dave Pye

**SEA CON® Brantner & Associates, Inc.,** is pleased to announce the appointment of **Dave Pye** as **Renewable Energy Business Development Manager**.

Having worked in the connector industry for over 34 years, Dave brings a wealth of knowledge and experience to the **SEA CON®** Group. Based in the UK, Dave will be working with all **SEA CON®** divisions closely, focusing on new business opportunities within the global Renewable Energy market.

### New High Power ALL-WET Connector



New AWO-3#8w/G Connector

**SEA CON Global Production** has developed a **high power version of its ALL-WET connector range for a special underwater naval application.**

The **AWO-3#8w/G** has a ground pin which makes contact prior to the line pins and breaks contact last upon de-mating. In addition, this new connector incorporates a diver index compression on the rubber section of the bulkhead

and inline allowing for ease of alignment. The inline connector also includes a grip ball at the rear facilitating disconnection in deep water. This new design is rated to 500 VDC at 50 amps with a pressure rating of 10,000 psi.

For further details please contact  
**SEA CON Global Production** on  
**+52 (664) 626-2726**  
 or e-mail [sales@seaconglobal.com](mailto:sales@seaconglobal.com)





### New Wet-Mate GLOBE-CON



Wet-Mate GLOBE-CON

**SEA CON Global Production has released a new wet-mate version of its GLOBE-CON connector series.**

This new connector has most of the original features of the dry-mate GLOBE-CON but incorporates wet-mate capability.

Originally developed for a major offshore project, the GLOBE-CON series is a rugged, small diameter connector. The Bulkhead Connector Receptacle (BCR) has a 316 Stainless Steel shell with a Neoprene faced GRE (Glass Reinforced Epoxy) insert. The Cable Connector Plug (CCP) is a Neoprene faced GRE connector that is molded onto rubber jacketed cable as standard but can be molded to many custom cables also. This innovative connector design incorporates a spring ring device to secure the locking sleeve once mated thus improving reliability in high vibration environments.

Other key features include; positive keying system for easy connection, standard SAE/MS tube boss seal configuration and a pressure rating to 10,000 psi mated and open face.

The wet-mate GLOBE-CON is currently available in one shell size (K) with 2 configurations (3#20/5#20), however more configurations are due to be added to the range at a later date. This new connector will not intermate with the dry-mate GLOBE-CON however the mounting configurations of the K size wet-mate GLOBE-CON, dry-mate GLOBE-CON and HUMMER are all the same and can therefore be interchanged at the same mounting port.

Suitable for a number of applications including ROVs, underwater cameras, sensors, signal transmissions and control systems, this new addition to the GLOBE-CON series is an excellent alternative to the standard dry-mate GLOBE-CON where many repeated make and breaks are required in wet conditions.

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### SEA CON (europe) Ltd Sponsors University AUV Challenge



AUV the 'Seabiscuit' (Photo kindly supplied by Bath University Racing Submarine Team - BURST)

**SEA CON (europe) Ltd congratulates Bath University Racing Submarine Team (BURST) following the successful launch and sea trials of their Autonomous Underwater Vehicle (AUV) the 'Seabiscuit'.**

The vehicle successfully completed trials at the DSTL (Defence Science & Technology Laboratory) industry sponsored 'Student Autonomous Underwater Challenge - Europe' in July 2009 and achieved 1st place in the second

division. Shortly after the 'Seabiscuit' was flown to Canada's Pacific Coast to assist a grey whale research group. Here it took place in a number of successful launches in a variety of conditions investigating autonomous surveying and mapping of the near shore environment and the feeding grounds of whales vast underwater kelp forests. SEA CON (europe) Ltd sponsored BURST by supplying both WET-CON and Micro WET-CON connector ranges for installation on the 'Seabiscuit'.

### ISO 9001:2008 Certification Awarded to SEA CON Global Production

**SEA CON Global Production has been awarded ISO 9001:2008 certification following an independent audit.**

ISO 9001:2008 is the latest version of ISO 9001 and is the internationally recognized standard for a quality management system which focuses on an organization's actions to meet and continually improve customer satisfaction and quality requirements.

Created in 1989 in order to provide quality, low cost solutions for the manufacture of underwater electrical connectors, SEA CON Global Production has now become the main rubber molded and composite connector manufacturer within the SEA CON® Group. With two locations

in Mexico, this division has the capability to produce high volume, low cost quality products with very quick turnaround times. In addition, the specialized engineering and product development teams can design and produce special application connectors to meet individual requirements. SEA CON Global Production's vast product range includes the original Marsh & Marine®, Rubber Molded and Glass Reinforced Epoxy (GRE) connectors, as well as the manufacture of the ALL-WET/WET-CON, Micro WET-CON, HUMMER, GLOBE-CON and CS-MS series.

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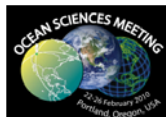


## Events in 2010

### FEBRUARY 2010



**UNDERWATER INTERVENTION 2010**  
[www.underwaterintervention.com](http://www.underwaterintervention.com)  
 New Orleans, Louisiana, USA  
 Feb. 9th - 11th, 2010  
 Booths #300 & 302



**OCEAN SCIENCES 2010**  
[www.agu.org/meetings/os10](http://www.agu.org/meetings/os10)  
 Portland, Oregon, USA  
 Feb. 22nd - 26th, 2010  
 Booth #T.B.A

### MARCH 2010



**SUBSEA TIEBACK FORUM 2010**  
[www.subseatiebackforum.com](http://www.subseatiebackforum.com)  
 Galveston, Texas, USA  
 Mar. 2nd - 4th, 2010  
 Booth #1218



**OCEANOLOGY 2010**  
[www.oceanologyinternational.com](http://www.oceanologyinternational.com)  
 Excel, London, UK  
 Mar. 9th - 11th, 2010  
 Booth #F650

### MAY 2010



**OTC 2010**  
[www.otcnet.org](http://www.otcnet.org)  
 Houston, Texas, USA  
 May 3rd - 6th, 2010  
 Booth #5255



**OCEAN TECH EXPO**  
[www.oceantechexpo.com](http://www.oceantechexpo.com)  
 Newport, Rhode Island, USA  
 May 25th - 27th, 2010

### JUNE 2010



**UDT EUROPE 2010**  
[www.udt-europe.com](http://www.udt-europe.com)  
 Hamburg, Germany  
 Jun. 8th - 10th, 2010  
 Booth #D46



**ENERGY OCEAN 2010**  
[www.energyocean.com](http://www.energyocean.com)  
 Fort Lauderdale, Florida, USA  
 Jun. 8th - 10th, 2010  
 Booth #26

### AUGUST 2010



**AUVSI AMERICAS 2010**  
<http://symposium.auvsi.org>  
 Denver, Colorado, USA  
 Aug. 24th - 27th, 2010  
 Booth #2630



**ONS 2010**  
[www.ons.no](http://www.ons.no)  
 Stavanger, Norway  
 Aug. 24th - 27th, 2010  
 Booth #B230

### SEPTEMBER 2010



**OCEANS 2010**  
<http://www.oceans10mtsieeeseattle.org/>  
 Seattle, Washington, USA  
 Sep. 20th - 24th, 2010  
 Booth #T.B.A

### OCTOBER 2010



**WEFTEC 2010**  
[www.weftec.org](http://www.weftec.org)  
 New Orleans, Louisiana, USA  
 Oct. 2nd - 6th, 2010  
 Booth #2419



**SEG 2010**  
[www.seg.org/](http://www.seg.org/)  
 Denver, Colorado, USA  
 Oct. 17th - 20th, 2010  
 Booth #T.B.A



**EURONAVAL 2010**  
[www.euronaval.fr](http://www.euronaval.fr)  
 Paris, Le Bourget, France  
 Oct. 25th - 29th, 2010  
 Booth #T.B.A

### NOVEMBER 2010



**SUBSEA SURVEY IRM 2010**  
[www.subseasurvey.com](http://www.subseasurvey.com)  
 Galveston, Texas, USA  
 Nov. 9th - 11th, 2010  
 Booth #310

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