

Company Newsletter

SUMMER 2010

Welcome to the Summer 2010 edition of the **SEACON**[®] Group newsletter which contains all of the latest company news and selected product developments that have taken place within the **SEACON**[®] 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**

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

· **SEACON Products and Services Ltd, Brazil**

· **Precision Subsea AS, Norway**

· **Successful Requalification of Prestigious NAVSEA S9320-AM-PRO-020/MLDG Approved Vendor Certification**

· **SEACON Global New Product Developments**

· **New 66 SERIES**

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SEACON Products and Services Ltd, Brazil



Renata Mercante Born

Due to continuing expansion SEACON[®] Brantner & Associates, Inc of San Diego, California, USA is pleased to announce the opening of a new sales office in Brazil.

SEACON Products and Services Ltd located in Tijuca, Rio de Janeiro will be managed by Renata Mercante Born. Renata is an Oceanic Engineer with a Master of Science degree. Her professional background includes six years of engineering experience at Petrobras/CENPES.

Founded in 1964, the **SEACON**[®] Group have become worldwide leaders in the manufacture of underwater electrical connectors and fiber optics providing solutions for many applications within the Oil & Gas, Defense, Oceanographic and Environmental markets.

The opening of this new sales office in Brazil will enable **SEACON**[®] to not only focus on business

development and sales requirements of many customers in this area, but also provide full engineering, product and service support to the South American offshore drilling market. This will include stock of our popular optical and electrical connector systems that are widely used throughout this industry.

For further details please visit our website at www.seacon-usa.com or alternatively contact

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Precision Subsea AS, Norway

In order to better serve the demanding needs of the subsea connector industry, Precision Subsea AS has been formed to continue and expand the scope and capacity of SEA CON®'s connector and component capability, introducing a number of new state-of-the-art cabling and connector solutions.

Precision Subsea AS facilities have been configured to support definition, development and production of SEA CON®'s products to industry standards and customer specific specifications. Implementation of this Norwegian engineering and manufacturing facility enables SEA CON® to provide its customers with a quicker and more efficient product development capability for qualifying and factory acceptance testing of new products.

In recognition of the importance of the subsea connector product range, Precision and SEA CON® have heavily invested in its connector product design, manufacturing and test capabilities in order to provide its customers with confidence that their products are safe, reliable and suitable for the intended use.

The Precision Subsea AS engineering team has over 30 years of experience in subsea control



Precision Subsea AS Premises

system design, development and qualification. This includes electric and optical distribution systems with wet-mate and dry-mate connectors, Subsea Control Module (SCM) design, electrical actuator design, subsea system configuration and subsea intervention system development.

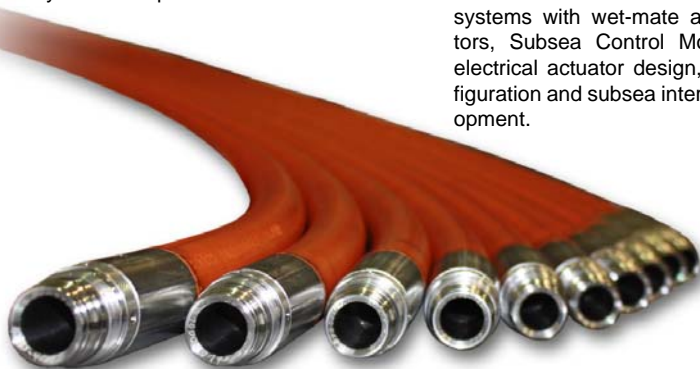
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Contacts: John Johansen
 (General Manager)

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 (Sales Engineer)



Precision Subsea AS Engineered Hose and Fittings

Successful Requalification of Prestigious NAVSEA S9320-AM-PRO-020/MLDG Approved Vendor Certification



SEA CON® Brantner & Associates, Inc. Facility

SEA CON® Brantner & Associates, Inc., is pleased to announce the recertification of NAVSEA S9320-AM-PRO-020/MLDG following a successful re-qualification audit.

The US Navy's Submarine Maintenance Engineering, Planning and Procurement (SUB-MEPP) department were invited by SEA CON® to audit the new PRO 020 molding facility created at the factory's new location in El Cajon, California.

This certification award means that SEA CON® El Cajon continues to be an approved vendor for

the fabrication, molding and inspection of out-board cable assemblies and components built for the US Navy in accordance with the NAVSEA Technical Manual (PRO 020). This facility, combined with the certified facility at SEA CON Phoenix, LLC in Ashaway, Rhode Island gives SEA CON® customers an approved molding facility on both US coasts to help minimize transportation time and cost of cable assemblies.

SEA CON® Brantner & Associates, Inc.
+1 (619) 562-7071
 or email seacon@seacon-usa.com



Visit us at booths #B230 & E568

Company Newsletter

SEA CON Global New Product Developments

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 connector incorporates a ball grip and diver index to ease mating and de-mating by gloved divers. This design is rated to 500 VDC at 50 amps (dependent on cable) with a pressure rating of 10,000 psi.



AWO-3#8w/G Connector

Several other new product developments have also taken place in recent months, these include the introduction of a 'pull release' (grip) to some



New 'Pull Release' Micro WET-CON Connector

standard connector ranges. This new feature currently available in the Micro WET-CON and RMG (Rubber Molded) series has been incorporated to ease de-mating of inline connectors. We offer an additional epoxy reinforcement layer within many of our rubber connectors to make them even more robust. This feature can be specified with or without the 'pull release' (grip). Please contact SEA CON® for details

Another successful development is a new version of the 24 way inline ALL-WET connector produced for a special US military application. Manufactured in either neoprene or hypalon and utilizing smaller brass and gold plated contacts,



New 24 Way ALL-WET Connector

the AWP-24#16-MP/FS also houses a large stainless steel guide pin for ease of mating. The robust AWP body enables this connector to be molded onto larger diameter cables. Suitable for a variety of underwater applications including hydrophones, this connector has a pressure rating of 10,000 psi and a current rating of 13amps with an insulation resistance of 1 Gohms @ 500 VDC.



New Penetrator Harness

Other new products include a penetrator harness designed to heat and control temperatures within a diving suit. The MAW 4 way (ALL-WET miniature hermaphroditic) connector body houses an electronic control board and incorporates an AWO and AWP connector and 'special' MAW-2-HC connectors that have a flat key to avoid a misconnection and a short circuit in the system. A hose barb allows installation onto customer specified hoses. This penetrator harness has a temperature rating of -4 degrees C to 60 degrees C and a pressure rating of up to 2,500 psi (for higher pressure ratings please contact SEA CON®).

For further information please contact
SEA CON Global Production on
+52 (664) 626-2726
or e-mail sales@seaconglobal.com

New 66 SERIES



New 66 SERIES Connector

SEA CON (europe) Ltd has released a new range of underwater electrical dry-mate connectors to compliment the existing 55 SERIES.

The new 66 SERIES of reverse gender connectors enable power to be applied to the bulkhead connector yet still be safe to use. Manufactured utilizing tried and tested methods and materials this new range also incorporates shorter locking sleeves to ensure easier mating capability.

Other key features also include:-

- Industry standard compatibility
- Proven sealing technology
- Heavy duty stub Acme threads
- Pressure rated blanking caps available

The 66 SERIES is currently available in two shell sizes; 16 and 20 with two configurations (8#16/13#16), however more configurations will be added to the range if required.

For further information please contact
SEA CON (europe) Ltd on
+44 (0) 1493-652733
or e-mail info@seaconeurope.com



Visit us at booths #B230 & E568

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Exhibition Update



OTC 2010, Houston, Texas, USA

The **SEA CON**® Group has exhibited at a number of events this year including Underwater Intervention in New Orleans, USA back in January and Oceanology International held during March in London, UK.

More recently the Group exhibited at the Offshore Technology Conference (OTC) held in Houston, Texas, USA during May. This was a particularly busy show for the Group with attendee numbers up on last year despite current, difficult economic times.

As the Group continues to focus on new business opportunities within the global Renewable Energy market, **SEA CON**® exhibited at the AWATEA (Aotearoa Wave & Tidal Energy Association) conference held in Wellington, New Zealand during April. This was a successful event for the Group with many more industry related conferences/exhibitions being planned for 2010/11.

Further exhibitions for the Group this year include the Association for Unmanned Vehicle Systems International (AUVSI) in Denver, Colorado, USA and the Offshore Northern Seas (ONS) exhibition in Stavanger, Norway both being held in August and Oceans in Seattle, Washington, USA in September and Euronaval, Paris, France during October.

For more details please visit the Events section of our website at www.seaconbrantner.com or www.seacon-usa.com

All reasonable efforts have been taken to ensure that the information contained herein is accurate at the date of publication, but no representation or warranty as to the accuracy or completeness of such information is intended or to be implied by its inclusion herein. Any and all representations and warranties pertaining to the information and products referred to herein shall be set forth in **SEA CON**® standard sales order form. In addition, **SEA CON**® reserves the right to make changes to the contents hereof without notice, therefore it is suggested that at the time of inquiry, the appropriate sales office or factory be contacted directly for verification of published specifications and products availability.

Events in 2010

AUGUST 2010



NAVY GOLD COAST 2010
www.navygoldcoast.org
 San Diego, California, USA
 Aug. 17th - 18th, 2010



ONS 2010
www.ons.no
 Stavanger, Norway
 Aug. 24th - 27th, 2010
 Booth #B230 & #E568



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

SEPTEMBER 2010



OCEANS 2010
<http://www.oceans10mtsieeeseattle.org/>
 Seattle, Washington, USA
 Sep. 20th - 24th, 2010
 Booth #308

OCTOBER 2010



WEFTEC 2010
www.weftec.org
 New Orleans, Louisiana, USA
 Oct. 2nd - 6th, 2010
 Booth #2419



SEG 2010
www.seg.org/
 Denver, Colorado, USA
 Oct. 17th - 20th, 2010
 Booth #T.B.A



EURONAVAL 2010
www.euronaval.fr
 Paris, Le Bourget, France
 Oct. 25th - 29th, 2010
 Booth #A21

NOVEMBER 2010



SUBSEA SURVEY IRM 2010
www.subseasurvey.com
 Galveston, Texas, USA
 Nov. 9th - 11th, 2010
 Booth #310