

# SUBSEA & OFFSHORE SERVICE MAGAZINE

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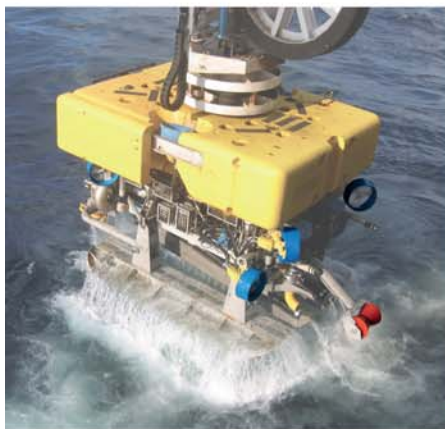
PRODUCTS & SERVICES

NEWS & PRESS RELEASES

EXHIBITIONS



**CYGNUS**  
INSTRUMENTS





## SEA CON ENCAPSULATING THE NEEDS OF ITS CUSTOMERS

As SEA CON continue their growth they are also continuing to find new ways to better serve their expanding market. A prime example of this is SEA CON's new Encapsulating & Molding facility in the West Houston area, opening to develop even greater levels of support both to the Gulf Coast region and internationally.

"There is clear evidence that the market is growing" says SEA CON's Marketing Manager Melanie Harrison. "The demand on suppliers to increase manufacturing, design, support and customer service also grows in line with this upturn. This new facility is just one of a number of steps we will be taking to achieve our mission".

Concurrent to this growth in demand is the need for suppliers to exhibit great flexibility and the ability to react quickly to customers needs both planned and unforeseen, while still maintaining high levels of quality and innovation. Part of this solution is seen by SEA CON to include holding increased stock of most popular connectors to help fill an increasing need for short order custom assemblies.

SEA CON is passionate about the important issue of ensuring the needs of their clients are dealt with quickly and efficiently and the new installation will certainly enable them to meet growing needs and higher expectations.

SEA CON currently has five main production facilities geared to the delivery of a mass production of subsea connectors. At times this can make it difficult to provide customers with short order custom assemblies. The new workshop will specialize in these short order needs of SEA CON clients, current and future.

The workshop will allow SEA CON to carry more stock of their most popular connectors to mainly benefit their existing customers who don't necessarily need a molded assembly. Some of the product lines will include the Rubber Molded, WET-CON, ALL-WET and 55/66 series assemblies. Stocks of these are already



held, but this new facility will see these stock levels increase.

Craig Newell, Vice President of Sales & Corporate Business Development said "Consistency throughout the business is paramount to our success and the launch of a new Encapsulation and Molding Workshop is just another example of our commitment to over deliver on the promise and work with an overt focus on the changing needs of our clients."

### SEA CON Bio

The SEA CON Group are world leaders in underwater connector technology and provide an extensive and diverse range of electrical, optical and hybrid connector assemblies, submersible switches and cable system solutions for many applications within the Oil & Gas, Defense, Oceanographic and Environmental markets. With locations in California and Texas in the USA,

Mexico, Brazil, the United Kingdom and Norway as well as a worldwide network of agencies and representatives, SEA CON is able to supply very quick solutions to any requirements across the globe. [www.seaconworldwide.com](http://www.seaconworldwide.com)



**Craig Newell, Vice President of Sales & Corporate Business Development**

## SEA CON®'s API CONNECTOR SERIES

Based on the highly successful Metal Shell Series connector range, SEA CON's API connectors comply with American Petroleum Institute specifications 16D (Control Systems for Drilling Well Control Equipment and Control Systems for Diverter Equipment) and 17E (specification for Subsea Umbilicals). Manufactured from 316 stainless steel with glass filled epoxy inserts and copper alloy gold plated contacts, this connector range has a voltage rating of 600 VDC and a pressure rating of 10,000 psi (approx. 22,500ft/7,000m).

### KEY FEATURES:

- Bulkhead connectors are designed to be compliant with appropriate section of API 16D specifications.
- Cabled connectors and assemblies are designed to be compliant with appropriate section of API 16D and API 17E specifications.
- Redundant sealing at all pressure barrier interfaces.
- Multiple test ports for in-the-field o-ring testing and verification.
- Boot sealing in cabled connectors and assemblies in event of flooded cable conditions.
- Electrical, optical and hybrid connectors configurable in 8 shell sizes.
- Factory Acceptance Testing (FAT) includes both mated and open-face pressure testing.
- Custom interfaces available.
- Flanged Connector [bulkhead] Receptacle connectors have inboard water-blocking boots over the electrical termination to eliminate risk of failure in a flooded housing scenario.
- Pressure Balanced Oil Filled (PBOF) cables operate fully in the event of breached hose/ water ingress with full-pressure water-blocking on the solder cup side of the connectors.
- Oil-filled cable connectors options available without valves eliminate a direct path for water to reach the face of the bulkhead connector in case of hose flooding.

### MATERIALS & RATINGS:

- 316 Stainless Steel with GRE inserts and copper-alloy, gold-plated contacts. Alternate materials including Titanium shells and Glass to Metal inserts are also available.
- Voltage rating of 600 VDC.
- Pressure rating of up to 10,000 psi (approx. 22,500ft / 7,000m).
- Applications include Blow Out Prevention Systems, Riser Monitoring Systems, Drilling Control Systems and Wellhead and Christmas Tree Equipment.

For more information please call:  
+44 (0)1493 652733

Visit our Website:  
[www.seaconworldwide.com](http://www.seaconworldwide.com)

Or E-mail:  
[sales@seaconeurope.com](mailto:sales@seaconeurope.com)



American Petroleum Institute (API) Compliant Connector Series



# SEA CON<sup>®</sup>

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ELECTRICAL WET-MATE



ELECTRICAL UNDERWATER MATEABLE



UNDERWATER SWITCHES



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