

Subsea 7, Subsea Expo 2016 – Visit us on Stand 119

**SUBSEA 7 TO PRESENT ECONOMIC  
HPHT PIPELINE BUNDLE SOLUTION**

Subsea 7, a global leader in seabed-to-surface engineering, construction and services, will showcase at Subsea Expo its High Pressure-High Temperature (HPHT) Pipeline Bundle capabilities, which address the technical and economic challenges faced during subsea pipeline design.

The company's Pipeline Bundle development programme has over the years delivered a number of advantages when compared to conventional pipelines. This latest advance in the technology will provide operators with a more economically attractive and fully integrated HPHT solution. Existing subsea technology has a range of HPHT limitations, which are compounded as the pressures and temperatures of HPHT field developments increase, both in shallow water Central North Sea as well as deepwater developments.

As part of the 'Field Development and Construction' session, Subsea 7 Principal Bundle R&D Engineer, Khurram Qadir, will demonstrate how Pipeline Bundles are transforming and extending to accommodate 220°C, 20,000psi reservoir parameters, and in doing so address fundamental issues such as global buckling mitigation, and buckle initiators, as well as mitigating the need for rock dumping, expansion spools, cooling spools and High Integrity Pressure Protection Systems (HIPPS).

To find out more about the advantages of Bundles for HPHT design, and discover how Subsea 7 is developing and applying technology to reduce cost, enhance production and extend field life, please visit Subsea 7 on Stand No. 119.

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**Notes to editors:**

1. The **Subsea 7 stand number 119** will showcase the following:
  - a. Developing solutions which unlock the High Pressure High Temperature (HPHT) fields using Subsea 7's Pipeline Bundle technology; Client-focused cost- efficiency; Technology; Standardisation and simplification; Collaboration & Partnership; IRM; North Sea track record; The future of subsea and the part we play in it
2. The **Subsea 7 Technical Presentations** included in the Technical Showcase are:
  - a. 'Dunlin Alpha Conductor Stabilisation – The WSIT Project' presented by Mr Alan Cassie - Wednesday 3 February, 14.00-14.30 in the Gordon A room.
  - b. 'Economic HPHT developments using Pipeline Bundles' presented by Mr Khurram Qadir – Thursday 4 February, 15.00-15.30 in the Crombie B room.
3. 'Time for Transformation' – is the theme of this year's Subsea Expo event.
4. Subsea UK's 'Subsea Expo 2016', Europe's largest annual subsea exhibition, will be held at Aberdeen Exhibition and Conference Centre on 03-05 February 2016.
5. Subsea 7 is a supporter of the National Subsea Research Initiative (NSRI). Subsea 7 Technology Manager and NSRI Project Director, Dr Gordon Drummond, will be presenting "Industry Focused R&D" at Subsea Expo from 9.00am on Thursday 4 February.
6. Subsea 7 is one of the world's leading contractors in seabed-to-surface engineering, construction and services to the offshore industry. We provide client-focused technical solutions to ensure the fit for purpose delivery of projects in all water depths and challenging environments. Our vision is to be acknowledged by our clients, our people and our shareholders as the leading strategic partner in our market.
7. For further information visit [www.subsea7.com](http://www.subsea7.com)
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