A whole new world
OE reports on wireless technology
page 40

Year in Review
page 18
Innovating together

TechnipFMC is a global leader in oil and gas projects, technologies, systems, and services. For over 40 years, TechnipFMC Umbilicals has designed and manufactured state-of-the-art subsea umbilical systems. A leader in umbilical technology development, we provide cost-effective solutions and improved performance. With a long track record serving multiple global clients and an expanding umbilical product range, we are increasing efficiency at every project stage, from concept to completion. Discover more about how we're enhancing the performance of the world's energy industry.

TechnipFMC.com
Features

EPIC

30 Make or break time
The performance of the world’s first floating LNG projects, which are moving from execute to operate, will form the shape of the industry to come. Elaine Maslin reports.

34 Float your boat
Elaine Maslin looks at some of the ongoing and proposed FLNG projects around the globe.

SUBSEA

36 World’s 10 longest subsea tiebacks
Subsea tiebacks have been pushing the envelope over recent years. We look at the longest projects out there, with the help of Wood Mackenzie.

38 Solan SOST sees success
Premier Oil says early operations of its steel subsea oil storage tank (SOST) at its Solan field have proven a success. Karen Boman reports.

PRODUCTION

40 Downhole data drive
Elaine Maslin reports on how the oil and gas industry is getting more data from downhole thanks to fiber optics.

44 IoT goes offshore
The Internet of Things, a world in which equipment and instrumentation can talk to each other and modify operating parameters — across platforms, fleets and whole businesses — accordingly, is close at hand. Having the communications infrastructure in place is what will help make it happen. Elaine Maslin reports.

48 Installing a wireless hart
When design-to-first-oil takes 10 years, keeping up with communication technology can be a challenge. Elaine Maslin details what BP has done for its latest North Sea projects.

PRODUCTION (CONTINUED)

50 Virtual independent verification
Elaine Maslin reports on how 4G connectivity has helped connect independent surveyors onshore verify procedures offshore — via live video link — to save time, money and reduce HSE risk.

DRILLING

52 To the moon and back
BHGE’s Tom Thissen explains why automation is drilling’s biggest milestone.

REGIONAL OVERVIEW: YEAR IN REVIEW

54 Making plans
UK operators have gone a long way to reducing their costs and are even starting to look at investment, delegates attending the Oil & Gas UK Share Fair Aberdeen Share Fair in Aberdeen early November learned. Elaine Maslin reports.

58 Opportunities in Mexican mature fields
Gaspar Franco Hernández, of CNH, discusses the abundant opportunity to develop Mexico’s over 200 mature fields.
The Leading Annual International Event

24th Annual
PECOM
Petroleum Exhibition & Conference of Mexico
An OE Event

With Talos Energy's 1+ billion barrel Zama discovery, offshore Tabasco, now is the time to join us at PECOM 2018.

More discoveries await with Round 2.4 and 3.1 on the horizon.