

Alternative to diesel wins engineering award

INTELLIGAS/Mine Energy Solutions has been recognised for its innovation in gas for commercial vehicles at the 2015 Society of Automotive Engineers - Australasia (SAE-A) mobility engineering excellence awards held in November.

The company was the recipient of a gold award for its work on High Density Compressed Natural Gas (HDCNG) for heavy commercial vehicle applications.

In a November announcement, Gas Energy Australia said the award recognises the highest levels of innovation and engineering excellence in Australia within the automotive industry.

The use of HDCNG, which provides an alternative to diesel for heavy vehicle application, impressed the judges with the sustainability benefits the system will provide, Gas Energy Australia said.

HDCNG technology along with innovative engine management units enable heavy vehicles powered by natural gas to achieve similar power, torque and fuel consumption outcomes as 100 per cent diesel fuelled engines.

Gas Energy Australia chief executive John Griffiths congratulated IntelliGas/Mine Energy Solutions on receiving the award.

"Natural gas is an abundant, Australian fuel that is well positioned to improve our country's energy security, environment and public health as a viable alternative to imported diesel, and I congratulate the team at IntelliGas/MES on



Paul Whiteman (left) and Derek Fekete from IntelliGas/ Mine Energy Solutions receive the award from Suncorp industry initiatives manager Jessica Sherlock. Image courtesy Gas Energy Australia.

demonstrating the leadership in innovation this award recognises," Mr Griffiths said.

IntelliGas, an Australian owned company specialising in the application of compressed natural gas fuel solutions for mobile and stationary energy systems, conducted field trials of a dual fuel mine truck at Morayfield Queensland in May that attracted more than 150 government and industry representatives from the mining and gas industries over 10 demonstration days.

Editor's Note: We would like to provide a

clarification on the article titled 'IntelliGas pushes for gas fuelled trucks' in the November edition of Oil & Gas Australia.

The article stated "Liquefied natural gas is the way forward in fuelling mining vehicles according to IntelliGas chairman Jim McDonald."

"This should read 'High density compressed natural gas is the way forward in fuelling mining vehicles according to IntelliGas chairman Jim McDonald.'" ●

Matrix devices win API accreditation

MATRIX Composites & Engineering has secured accreditation for its distributed buoyancy module and associated clamping system to a Bureau Veritas standard, the company has announced.

The system, which is used in riser and umbilical applications, was awarded API 17L accreditation by Bureau Veritas in line with American Petroleum Institute (API) specifications.

The API 17L standards cover the minimum requirements for design, material selection, manufacture, documentation, testing, marking and packaging of equipment.

In an announcement, Matrix said the award meant it now had independent third party accreditation to design and manufacture the innovative system.

"It is further evidence of Matrix's commitment to innovation and quality and provides customers with the confidence

that the distributed buoyancy system will perform to the highest industry standards," the company said.

The distributed buoyancy modules are manufactured at Matrix's world class manufacturing facility based in Henderson, Western Australia using advanced, lightweight polymers.

The news came after Matrix announced the launch of its Longitudinal Groove System (LGS), a new riser buoyancy system designed to reduce vortex induced vibration and drag on the drill string during high current events.

This, it said, would have a significant impact on drilling productivity, potentially saving operators millions of dollars per rig every year as it would lead to fewer drilling stoppages.

In an announcement, Matrix said its Matrix LGS system would deliver an annual increase of 20 per cent more uptime during eddy current events, saving around A\$15 million in lost time per annum. ●

Woodside work for Benthic

US-BASED geosciences company Benthic has been awarded two contracts by Woodside for work on the Greater Enfield development and the proposed Browse floating liquefied natural gas (FLNG) facility.

Using offshore supply vessel the Jaya Vigilant, Benthic will use its portable remotely operated drill 3 (PROD 3) to carry out offshore geotechnical site investigations for both projects from the end of 2015.

PROD3 will complete in-situ testing and sampling to identify the soil conditions and geotechnical properties of the soil.

The drill will hit depths of up to 35 metres below the mudline in maximum water depths of 620 metres on the Browse site, following on from work the company completed in 2014.

Following project completion, the Jaya Vigilant will transit to the Greater Enfield Development site to perform similar site investigation services. ●