

MCS Kenny releases next-generation riser design software

Flexcom V8 increases confidence in deepwater subsea engineering design

Galway, Ireland, September 27, 2011—MCS Kenny, Wood Group Kenny’s riser engineering and software solutions company, has launched Version 8 of its industry-leading [Flexcom™](#) riser design and analysis software. This new release will make it easier for engineering teams to model the characteristics of all types of oil & gas riser systems, particularly for deepwater. It will help organisations to tackle the increasingly complex and demanding design requirements associated with multi-case extreme and fatigue seastate loading conditions in a modern and efficient analysis environment.

“Flexcom was first introduced nearly 30 years ago and continues to be the preferred program for organisations requiring the highest levels of quality and confidence in their offshore and subsea operations,” explained Patrick Scully, general manager of MCS Kenny’s software division. “We created Flexcom V8 to deliver a step-change in how riser engineering design and analysis is performed. The enhancements provided by this new version lead to a better design that supports the industry’s significant focus on improved process safety, better predictability, and greater knowledge of utilisation and integrity during operations.”

Flexcom V8 benefits include:

- **Increased productivity:** Improvements to the computational modelling approach make Flexcom V8 approximately 40 per cent faster on average than the previous version. The all-new project-focused work environment simplifies quality assurance and ensures optimal use of processing resources when running multiple analyses simultaneously.

- **Innovative processes:** An automatic mesh-creation facility expedites the model creation process; a live structure preview facility is now available during model building, and an integrated keyword editor and a summary post-processing collation facility have been added.
- **Expanded analytical capabilities:** Sliding pipe-in-pipe contact has been added and internal fluid and slug flow modelling is enhanced.

“MCS Kenny has a long-standing reputation of innovation and excellence in the development of software for the offshore sector,” said John Conroy, CEO of MCS Kenny. “This latest release of Flexcom incorporates feedback from many of our users and will ensure that engineers across the industry will be able to have the highest levels of confidence in their riser and subsea engineering designs, particularly for designs in deepwater and with harsh environmental conditions.”

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Notes to editors

Wood Group is an international energy services company with \$5.5bn sales, employing more than 35,000 people worldwide and operating in 50 countries. The Group has three businesses - Engineering, Wood Group PSN and Gas Turbine Services - providing a range of engineering, production support, maintenance management and industrial gas turbine overhaul and repair services to the oil & gas, and power generation industries worldwide. www.woodgroup.com

Wood Group Kenny is the world's largest specialist subsea, pipeline and riser engineering and management contractor employing more than 2,000 worldwide, part of international energy services company, Wood Group. Wood Group Kenny comprises five companies:

- **J P Kenny** - one of the world's leading independent subsea and pipeline organisations, operates from seven locations worldwide and provides its clients with solutions that range from the planning stage through to procurement, fabrication, construction management, commissioning and operations support services.
- **MCS Kenny** - a world leader in compliant riser design with an extensive track record across all riser types and water depths. This includes flexible risers, steel catenary risers, hybrid steel-flexible risers, and top tensioned risers for both floating production and floating drilling platforms. The company also provides advanced structural analysis and technology development capabilities for subsea and pipeline facilities.

- **MSi Kenny** - a leading flow assurance and process optimisation company
- **WGIM** - an independent engineering & management company, specialising in all-of-asset integrity assurance with extensive materials engineering resources, service life prediction and inspection management expertise in the oil & gas petrochemicals, power, mining & mineral processing.
- **SgurrEnergy** - a leading renewable energy consultancy

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