MDL has designed, developed and manufactured a new range of 4-tracked tensioners to enhance operational and safety demands for the deepwater market.

The initial range of units will offer tensioners with the following tension capability:

- 84 tonnes at a 0.09 coefficient of friction
- 51 tonnes at a 0.09 coefficient of friction
- 34 tonnes at a 0.09 coefficient of friction

The units can be used independently or in tandem for deeper water applications. The new tensioner delivers a wide range of benefits to clients including being lighter, safer and more cost effective than similar equipment.

The new tensioner can be mounted horizontally or inclined in an HLS (Horizontal Lay System) in its standard base frame. The MDL innovation also has a failsafe grip mechanism preventing the loss of 'squeeze' on the product in the event of a loss in pressure to the grip cylinders.

Derek Smith, CEO at MDL, said: "We had an extremely positive response from existing and potential clients about the new tensioner design."

The design of the 51-tonne unit has been completed and the first is expected to be operational by Q4 2013. For more information on this new product please contact m.gaskin@maritimedevelopments.co.uk
MDL increases capacity at Aberdeen and Peterhead

Maritime Developments has added an additional 17,500 sq ft to its base in Peterhead and is relocating its Aberdeen operations to larger premises.

MDL has acquired a workshop, office and yard facility next to its 33,000 sq ft base at Wilson Street, Peterhead. The additional space will be used to house its rapidly-expanding electrical services division.

The company is developing its capability to deliver additional electrical and hydraulic services – the new site offers 13,500 sq ft of additional yard area and 4,000 sq ft for an electrical workshop facility.

Meanwhile, the business has also leased new, large office premises in the centre of Aberdeen as it aims to secure additional back-deck equipment projects from UK and international companies. This will enable MDL to manage the company’s growth.

It also expects to grow its team of 26 to 34 in the next year, with experienced staff and apprentices set to be recruited to allow the business to build for the future.

Forward Thinking
Back-Deck Systems

Mike Gaskin, Commercial Director

Maritime Developments specialise in the provision of deck equipment solutions for vessels to support the deployment and retrieval of subsea umbilicals, risers and flowlines (SURF) for the oil & gas sector, and cables for the renewables sector. Based in Aberdeen and Peterhead, we design, manufacture, deliver and support a range of solutions including pipelay tensioners, reel drive systems, overboard chutes, control systems, spoolers, level winders and compensators. Our CE-marked solutions are also suitable for onshore spool bases or the supply bases of product and cable manufacturers.

We welcome any feedback on the content of the MariTimes via hello@maritimedevelopments.co.uk

A full list of our products and services can be found on the back page of this edition.
Maritime Developments has appointed two new directors with a view to maintaining the impetus behind its business growth in 2013 and beyond.

Mike Gaskin and George Mackintosh have both joined MDL from senior roles in an international energy and engineering services business.

Mike has been appointed Commercial Director, while George takes on the role of Operations Director.

Mr Gaskin, who has more than 19 years’ experience in the oil, gas and renewable industries, said: “I’m delighted to be joining a business that has developed a first-class reputation for the design, manufacture and delivery of back-deck equipment. There is tremendous scope for Maritime Developments to grow further both in the UK and internationally.”

“The company has developed excellent partnerships with larger businesses and will continue to do this. We are also developing innovative products to enhance operations and safety, in particular in the deployment and retrieval of subsea umbilicals, risers and flowlines (SURF) for the oil & gas sector, and cables for the renewables sector.”

George Mackintosh, who has more than 21 years’ experience in the oil & gas industry, said: “The prospect of a new challenge with the opportunity to introduce innovative solutions to an ever-changing market was extremely appealing.”

“Maritime Developments is a full-service business, from design and manufacture to installation and maintenance. There are exciting times ahead for the business due to the demand for our services and the constant drive to enhance the safety of people working on vessels.”
Paul Lawrie swings by MDL stand at Subsea 2013

Open winner Paul Lawrie was guest of honour at the Maritime Developments exhibition stand that ‘putt’ the rest in the shade.

Mr Lawrie, winner of the famous Claret Jug in 1999, visited the company’s stand at Subsea 2013 at the Aberdeen Exhibition and Conference Centre. The Aberdeen-based golfer was on hand to pass on tips to visitors as well as successfully taking on the putting challenge on the stand.

Derek Smith, CEO at Maritime Developments, said: “It was tremendous of Paul to take time out of his busy schedule to visit us. He passed on his advice to guests and impressively passed our putting challenge at the first time of asking.

“The golf challenge was a huge success for us. As well as finding new business, events like these should be about having fun and engaging with clients, potential clients and other business contacts. Subsea 2013 was a success for us and we’ll be back again next year.” Visitors who successfully putted the ball entered the draw for a chance to win an all-expenses paid trip to Gleneagles Hotel in Perthshire.

Update: Congratulations to Kenny Nicolson of Project Development International (PDI) who was drawn from the successful entries by Anne Lynch of Scottish Enterprise.
Maritime Developments has secured a contract for a 400-tonne reel drive system.

The system, used for the spooling and unspooling of subsea products, is for an international client based in the United States.

The award of this contract follows on closely from delivery of Maritime Developments’ first contract in the region, where modular deck radius quadrants were designed and delivered within a tight timescale.

Maritime Developments is looking to build on this success to secure additional projects in this area.

The fully automated system offers the following benefits:

- Reduced working at height
- Elimination of climbing into reels to connect the towers together
- No manual handling requirement when moving between reels of differing diameters
- Hydraulic failsafe closed tower clamps to eliminate manual operations
- Hydraulic slider clamps to reduce transit time between reels
Major winch systems project secured

Maritime Developments has won a contract for the delivery of ten winch systems for a global oil & gas contractor.

The winches, ranging from five tonnes to 40 tonnes, will be used at set locations to integrate with a new build VLS system. The winches will be used to pull flexible product through the system during recovery and installation in a new 550-tonne installation vessel.

The ten winches have electric drives and can be operated in either manual, constant tension or render mode and integrate with the vessel’s SCADA (System Control and Data Acquisition) system.

The introduction of an 11th system into the workscope offered an opportunity for MDL’s design team to demonstrate its flair and innovation as it devised and delivered a 2-track, 10-tonne side loading, electric drive tensioner that is mounted on an inclined frame.

The unit combines a fixed bottom track with a top track that pivots out of the firing line to ensure the safe loading and unloading of flexible product ranging from 100mm to 630mm diameter.

Dual tensioner solutions for long-standing customer

MDL has delivered two key projects for a long-standing customer in the oil & gas sector.

Maritime Developments was approached to provide a solution for two tensioners working in tandem. As MDL supplied the hydraulic control systems for the independent units, we quickly identified that it would be possible to design a solution that could combine the control systems to enable the two 50-tonne tensioners to work in tandem. The solution involved the supply of a new control system that would integrate the two tensioner units allowing the operator to control each machine independently or as one unit from a single station. This was achieved through the design and supply of a modular hydraulic manifold. In this instance, two 50-tonne tensioners were combined to provide 85 tonnes of line pull.

The solution was delivered in Q4-2011 and the dual tensioner system was used successfully for multiple projects over several months in the Norwegian and UK oil & gas sectors.

Additionally, a second dual tensioner control system with associated control cabin and modular hydraulic manifold was successfully delivered to the same customer a few weeks later. Both projects underpin the credentials of the MDL team.

Carousel upgrade and tensioners delivered

Maritime Developments has completed a fast-track project for a market leader in the offshore renewable installation market.

MDL delivered an integrated carousel control system and two tensioners for a client in 2012. The equipment is to be commissioned onboard an installation vessel in Q1 2013.
Maritime Developments has strengthened its design and animation capability with the addition of two design draughtsmen and an animation designer to its team.

Commercial Director Mike Gaskin said: “The enhanced capability allows Maritime Developments to deliver an integrated design, manufacture and implementation service to our clients – helping to streamline processes and provide an added value service. Using animations helps us to communicate better with clients as well as produce operational briefs to workers using our equipment.”

“The expansion of the design team also allows us to push ahead with a number of new ideas that will be rolled out in the next 12 months that will enhance operations and safety in the back-deck equipment sector.”

Computer generated images of a winch system
MDL supports ‘give blood’ campaign

Maritime Developments takes its community responsibilities seriously.
To that end, it has become a long-time supporter of the Scottish National Blood Transfusion Service (SNBTS) - the specialist provider of transfusion medicine in Scotland supplying high quality blood, tissues, cells and services.

It works with communities, hospitals and professionals to ensure that the donor’s gift is used wisely and effectively for the benefit of patients. Its key priority is to ensure that NHS Scotland has enough blood to meet the transfusion needs of patients.

The Maritime Developments team has been promoting this life-saving cause for a number of years and all staff regularly give blood. The company feel it’s such a small price to pay to save lives.

Find out how you can become a donor and make a difference to someone’s life at www.scotblood.co.uk

Forward Thinking
Back-Deck Systems

Products
- Tensioners 3 tonnes to 84 tonnes / 2 and 4 track units
- Reel Drive Systems 30T to 500T reel + product
- Compensators Vertical and horizontal
- Overboarding Chutes
- Level Winders
- Reel Under Rollers up to 400 tonne capacity
- Small Turntables for flying leads / flexible jumpers
- Spoolers
- Radius Controllers
- Small HLS / VLS Systems

Systems & HPUs/EPUs
- Manifold Systems & HPUs
- Control Systems & EPUs

Services
- Full life of Product Support / Service
- Maintenance and Repair
- System Adaption/Upgrades

T +44 (0)1779 491144
F +44 (0)1779 491155

hello@maritimedevelopments.com
www.maritimedevelopments.com