

Pelican



Weights and measures

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Innovation award

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Centres of excellence

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Virtual internships

STEM students enjoy newly created online internships with JFMS: **Page 8**



James Fisher Everard steps on the gas

James Fisher has plans to replace two retiring vessels with modern tankers equipped to carry either conventional fuel or liquified natural gas in a move which continues a long tradition of marine innovation. **Full story on page 2**

STOP PRESS

£6.2 million wind farm corrosion-proofing contract win

James Fisher Renewables has won a £6.2 million contract to supply key component parts, expertise and logistics for a major project to protect wind turbines from internal corrosion. The contract with a large multinational renewable energy supplier for work at two offshore wind farms around the UK, is designed to prolong the life of these assets.

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High voltage expertise sparks major contract

Impressive efficiency and a 'no snag' approach secures on-going installation work at Triton Knoll offshore wind farm

The James Fisher group has consolidated its strong position in the renewables market with a significant new contract win at Triton Knoll offshore wind farm off the coast of Lincolnshire.

Work began at the site at the end of 2020 as the team from EDS HV Group started pre-testing, mock-up trials and cable preparation for the installation and termination of high voltage cables between Triton Knoll's offshore foundations and the switchgear on each of the 90 turbines.

This critical cable termination and testing contract with German multinational energy company, RWE, builds on previous site preparation and UXO removal work at Triton

Knoll undertaken by other teams in the James Fisher group throughout 2019.

As termination and testing business manager at EDS HV, Lee Glendening is leading the project. He says: 'We are highly experienced in this type of complex work, which requires multi-skilled teams working in strict rotation to meet tightly scheduled deadlines.'

EDS has a reputation for employing highly trained engineers who are qualified to work with voltages in excess of the 66 kV cables at Triton Knoll. This allows the team to promise a superior degree of accuracy and to maintain the consistent record of zero

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High voltage expertise sparks major contract

termination failures over the last 15 years.

'This is quite a rare achievement,' explains Lee, 'but we are very proud of our extremely high success rate and our "no snag" approach which reduces the need to return to a turbine for revisions – a move which saves costs and carbon footprint.'

At Triton Knoll, teams of engineers are organised to work in tightly planned 36-hour windows to ensure progression of the time-critical project. The aim is to eliminate the need for multiple return site visits, to minimise any safety risk associated with transporting the crew to and from the site, and to keep vessel emissions and costs down.

EDS has also been working closely with RWE to employ highly skilled electrical engineers for the quality checks that follow the termination process. Both teams are expected to be working on this contract until late Summer 2021.

Pioneering modifications set sail for a greener future

Dual fuel capability sets proposed new tankships fleet ahead of the competition

James Fisher Everard (JFE), which is part of the James Fisher Tankships division, is demonstrating its commitment to reduced carbon emissions with plans to add two dual-fuel tankers to its fleet in 2022.

The two new IMO II tankers will run alongside the existing fleet and will be the first clean product tankers of this size to feature propulsion technology that reduces greenhouse gas (GHG) emissions.

They will be configured to run on either conventional fuel or LNG (liquefied natural gas), and will incorporate innovative design and construction features that further enhance their hydrodynamic performance.

This step is a demonstration of James Fisher's commitment to supporting customers' environmental goals and it means JFE can contribute to the International Maritime Organisation's (IMO) commitment to structural GHG reductions.

Pioneering the adoption of LNG as a cleaner alternative to conventional fuels for this class of vessel is testament to the James Fisher entrepreneurial spirit which has extended throughout its 170-year history. This move extends a rich heritage of innovation, as the company first adopted steam power over sail in 1833, and then later motor propulsion in the early 20th century.

'James Fisher is committed to protecting the environment, both in terms of our operation footprint and the nature of the activities we undertake.'

Eoghan O'Lionaird
CEO, James Fisher group

A study of the impact of LNG as a marine propulsion fuel predicts a reduction in carbon emissions of up to 21 percent is possible over the entire vessel lifecycle, when compared with existing marine fuels. Utilising LNG also leads to significant improvement in local air quality through the reduction of other atmospheric pollutants.

The vessels are specifically designed for smaller ports with restricted access around the coastline of Northern Europe. Their IMO II notation gives the ships the flexibility to carry a variety of product cargoes. This will enable JFE to better service existing long-

term contracts and provide greater flexibility to respond to market demand.

'We made the decision to act now to move to cleaner fuels rather than wait for future developments in alternative fuels,' explains Krystyna Tsochlas, managing director of James Fisher's Tankships division. It is a demonstration of our commitment to meeting our customers' needs and helping to protect the environment.'

The new additions will ultimately replace two of JFE's oldest vessels, the Thames and Mersey Fisher, which will be turning 25 years old at the time of the new build vessels' delivery and have been designated for retirement.

Eoghan O'Lionaird, CEO of the James Fisher group, says: 'I am very proud that JFE is taking action now to support its customers, the maritime industry and the group in achieving our collective sustainability goals.'

'James Fisher is committed to protecting the environment, both in terms of operational footprint and the nature of the activities we undertake. The adoption of LNG dual fuel propulsion vessels is evidence that we are proactively aligning our business choices with customer and environmental needs and demonstrably applying our company values.'

Container weighing system expands into new international markets



Strainstall named as New Zealand's first type-approved integrated weighing system supplier

Strainstall has received approval for its fully automatic container weighing system, CWS™, to be used in New Zealand ports.

The system achieved automatic weighing instruments approval from the New Zealand Ministry of Business, Innovation and Employment (MBIE). This means CWS™ is now the first type-approved system for container weighing in the country and will now be included on official lists of approved systems.

Josh Jones, Strainstall business development manager explains: 'This approval comes on the back of EU-type approval and additional approval in Austria and reinforces the wider acceptance of CWS™ in the weight verification market. It means CWS™ is fast becoming the leading global solution for integrated type-approved weighing systems for container handling equipment.

'We are currently setting up the required partners for local installation and support and we expect to see orders in this region soon,' Josh adds.

CWS™ has been adopted globally by leading ports and terminals and has shown it can help terminals enjoy increased efficiencies (up to 300 percent in some cases), and offer potential extra revenue streams. The success of these installations provided a record of accomplishment which supported the approval win in New Zealand.

Frank Rose, head of business development at Strainstall says: 'The system both meets obligatory safety standards and increases efficiency, which represents an

important development for smaller ports which have to operate under tight budgets. It also allows them to increase the number of containers they can process.'

Strainstall specifically developed CWS™ to be installed on reach stackers, straddle carriers, and rubber-tyred and rail-mounted gantry cranes to offer a swift and efficient verified gross mass (VGM) service during stacking operations. It seamlessly integrates load monitoring technology on to existing container handling equipment and meets the International Maritime Organisation's latest SOLAS safety guidelines to deliver accurate weight verification data.

Additionally, CWS™ offers real-time analysis of the data as part of the port's regular lifting cycle. This provides immediate insights to ensure safe container weighing, stowage and transportation, with the additional option for container snag detection and centre of gravity data.

'CWS™ replaces existing weighbridge solutions which are often slow and time consuming,' adds Josh, 'by leveraging a faster, automated method of VGM verification, ports can now weigh and validate every container's VGM as part of their existing lifting/stacking cycles without compromising container throughput.'

This creates a chargeable opportunity whereby ports can charge a processing fee for VGM verification of all containers handled, as well as allowing them to charge an additional fee for any discrepancies between the actual weight of containers and the weight stated on their VGMs.

Carbon capture in Canada

RMSpumptools (RMSP) is providing a key electrical component for an exciting carbon capture initiative in Canada.

Carbon capture describes an environmentally friendly process which takes carbon (CO₂) out of the air, dissolves it in water and injects it into the ground where it turns to stone, trapping the potentially damaging greenhouse gas back in the earth. A Canadian company, Enhance Energy, is pioneering a way to take huge quantities of CO₂ from local industries and inject it into the ground where it displaces trapped oil that can be pumped to the surface. This allows oil to be recovered from old or previously uneconomical oil fields as part of the carbon capture process, in a method which uses 60 percent less CO₂ than conventional oil extraction.

RMSP has been selected to provide 'packer penetrator systems' at the Clive Field in Alberta, to protect the oil well casing from the potentially damaging effect of the captured CO₂.

'These systems were critical to a safe operation and RMSP was selected for this project as the provider of the most reliable systems for this harsh environment,' says Canada regional manager, Colin Drever. 'We are thrilled to be involved in a cutting-edge project which allows oil to be extracted with a net zero impact on emissions.'



Protecting the Abu Dhabi Louvre

Integrating environmental monitoring data to preserve precious museum artifacts in extreme conditions

Strainstall Middle East has designed and fitted a sophisticated light, temperature, humidity and vibration monitoring system for Abu Dhabi's stunning Louvre museum which ensures optimal conditions for the priceless art and artefacts.

The project showcases the versatility of the system and the team behind it which has 50 years of experience using monitoring equipment to feed information wirelessly into a Smart Asset Management System (SAMS™) to assess movement and health status of bridges and buildings around the world.

Regional manager Damian Griffiths explains the project came about when the team was approached by the Abu Dhabi Louvre to monitor expected vibration during repair works last year, and to ensure any construction vibration would not affect the gallery exhibitions. 'The museum owners are obliged to compile regular reports for artwork owners to assure them that conditions remain within the strict tolerances required to protect their delicate



artworks,' he says, 'we had the opportunity to propose a solution to get around the complex and time-consuming nature of gathering data from various disparate subsystems throughout the museum.'

The team offered to provide a pilot system with several wireless light (lux) and vibration sensors in key galleries, which sent data to SAMS™. The pilot was a success and once the team was able to confirm it could integrate data from existing monitoring subsystems into the single point software solution, the contract was awarded.

SAMS™ has been modified to provide the gallery with valuable information on the light exposure received by each artwork and to calculate daily exposure at current lux levels, in order to ensure the light does not deteriorate the material of the art. For this project, SAMS™ is deployed on a virtual machine on the customer's network which allows local access.

'The customised version of SAMS™ we have developed for the Louvre Abu Dhabi provides unique report generation and cumulative light, temperature and humidity algorithms to ensure the artworks are stored and displayed safely and correctly. It provides an excellent solution to museum and asset owners around the world to manage data from various subsystems through a single platform,' Damian adds.

Innovate to ventilate

The InVicto™ ventilator, designed rapidly last year by JFD, has been named as the winner of the 2020 COVID-19 pandemic initiatives award by the International Marine Contractors Association (IMCA). It has also been named joint winner of the healthcare and medical COVID-19 response category at The Engineer magazine's annual 'Collaborate to Innovate' awards.

InVicto™ is a breathing support ventilator which delivers breathing air and oxygen to patients suffering from acute COVID-19 symptoms, as a more sophisticated evolution of the continuous positive airway pressure (CPAP) systems currently being used in many hospitals. It offers a treatment solution that is designed to support patient breathing with high levels of oxygen enrichment and to avoid dangerous invasive ventilation treatment.

The project was initiated in 2020 in response to a request from the UK Government for the rapid manufacture of ventilator systems to meet unprecedented demand caused by the COVID-19 pandemic.



'Our extensive knowledge and experience in providing breathing apparatus for diving and medical hyperbaric systems meant we had the expertise and technology, but given the complex nature of the project and the pressing time imperative, collaboration was instrumental to its success,' says JFD managing director, Danny Gray. In order to pull in experts from a wide range of fields a consortium value chain was created with Frazer-Nash Consultancy, Angus 3D Solutions, MDU, Royal Brompton Hospital, Narayana Health and Innovhealth.

The InVicto™ system is currently undergoing clinical trials on 240 patients in Bangalore, India which will scientifically compare its treatment efficacy against traditional CPAP devices.

Remote online learning success

At the height of the first national lockdown in May 2020, JFD swiftly adapted its various training courses to make them remotely available to customers globally.

The first Remote Client Representative Course was well received and the team has continued to develop a suite of online courses which expand the reach and scope of the established training repertoire.

Much of the training is delivered online via JFD's Online Training Portal - some courses are highly interactive, with online learning backed up with one-to-one sessions with the instructor or delivered live from a new digital training studio now established at the National Hyperbaric Centre in Aberdeen.

'Feedback from our customers has been excellent,' says Steve Ham, head of commercial services sales at JFD. 'Our new approach has given customers around the globe access to our excellent remote training capability and JFD will continue to develop its suite of online courses.'

Expertise for the extremes

The James Fisher group has brought together its expertise and experience to form two new brands - James Fisher Renewables and James Fisher Subtech.

James Fisher Renewables consolidates the group's extensive capabilities in the marine sector with specialised engineering services to form a comprehensive solutions provider for the fast-growing offshore renewable wind markets which are driving the energy transition.

James Fisher Subtech focuses the group's subsea capabilities for the oil and gas, renewables, near shore marine civils, rapid response and salvage industries.

The new brands create the foundations of a powerful subsea and nearshore offering for customers, contractors and partners in many locations around the world.

These changes come as part of a group-wide move to align people, resources and organisations with the specific needs of customers as part of the group's 'purpose driven' initiative. For customers, this means enhanced cost, risk and schedule management underpinned by streamlined professional services and supply chains.

'Accelerating trends within the energy industry, and particularly the energy transition brought on by the climate emergency, has presented an opportunity for the group to focus on providing expertise for the extremes,' explains Giovanni Corbetta, managing director of the Marine Contracting division. 'Realigning our business like this means no project will be too complex for us,' he adds.

Jonathan Parkes, divisional strategy, sales and commercial director of the marine contracting division adds: 'The growing

James Fisher group creates two new brands

James Fisher Renewables

James Fisher Subtech

Combining the technical expertise of James Fisher Marine Services plus the diving specialism of SM Continental and Subtech's unsurpassed subsea experience

These companies also operate independently for customers outside the renewables sector

Companies included: Rotos360, eds High Voltage Engineering, Straininstall, SCANTECH, ScanTech Offshore, James Fisher Asset Information Services.

'We excel in delivering the world's most complex, technically demanding and environmentally challenging energy projects in construction and operations and maintenance.'

Giovanni Corbetta
Managing director, Marine Contracting division

volume and scale of offshore wind sites means an increasing number of developers need specialist capability. There is also a marked increase in renewable investments being made by oil and gas supermajors,' he adds. 'So, it makes sense for James Fisher Renewables to serve across

the energy space.'

The establishment of James Fisher Renewables allows the group to leverage its specialist expertise working in extreme environments, supporting renewables developers in pushing boundaries to accelerate the energy transition, while maintaining existing energy infrastructure.

It will bring together capabilities from across the group to provide specialist services in site preparation, UXO EOD, noise attenuation, cabling and HV commissioning management, operations and maintenance, as well as providing digital solutions.

The newly formed James Fisher Subtech now combines the technical expertise of James Fisher Marine Services and Subtech to create a comprehensive tier-two solutions provider. This restructuring consolidates the group's subsea offering to leverage its specialist expertise at working in extreme environments. It will help offshore developers push boundaries to accelerate the energy transition to support oil and gas majors, renewables developers and marine civils contractors alike.

Hooking up Cambodia's first offshore oil field

James Fisher Offshore Terminal Services (JFOTS) has been working closely with other James Fisher group companies to help Cambodia set up its first oil field.

The Aspara Field is operated by KrisEnergy and lies 160km off the coast of Cambodia.

The JFOTS team was engaged to provide transport and installation services to hook up the 896m of subsea hoses and power cables which run between the field's first mini wellhead platform and the production barge.

'The project was completed in 60 days from the signing of contract to demobilisation,' says Doug Conway, project manager for JFOTS.

The design and engineering aspects of the installation were developed in-house with support from James Fisher Maritime Engineers based in Perth, Australia. Rigging equipment was supplied from stock held at Fendercare Marine's Singapore base and winches and hydraulic power units were mobilised from Fisher Offshore's

Malaysian operation.

'Delivering this project safely without incident on such short timescales was our main priority and complying with all the various COVID-19-related restrictions imposed added complexity and challenges to the execution,' Doug adds. 'But the wide-ranging capabilities of the James Fisher group enable us to ensure an integrated experience, resulting in the successful development and management of offshore projects around the world.'

Under the surface with: Emma Raymond

Head of HSEQS,
James Fisher Marine Contracting division

We meet Emma Raymond, who is spearheading safety initiatives across the newly formed JF Renewables and JF Subtech divisions

Tell us a bit about yourself

I was born and brought up in a small fishing village in Aberdeenshire, studied pharmacology at Aberdeen University and after many years travelling and working around the world I came back to my home city. I'm currently studying (part-time) for a second degree in Health, Safety and Risk Management, but in my spare time you'll find me hillwalking, exploring the outdoors with my French Bulldog, Bob, and – when we are allowed – visiting family and friends.

How did you come to join the James Fisher group?

Over the last 12 years I've worked in the oil and gas industry covering onshore and offshore work scopes in various locations worldwide. My main area of expertise has been safety and driving to change cultures within these areas, and that work has taken me to Nigeria, Libya, most countries in Europe and more recently Israel. Late last year, I was approached to join the James Fisher group as head of health, safety, environment, quality and sustainability (HSEQS) for the Marine Contracting division and I jumped at the chance. I was drawn to the challenge and opportunity to help create a new vision for these diverse companies and to bring my many years of experience of working in multicultural environments into play.

Tell us about your job?

The Marine Contracting division encompasses all marine (offshore and nearshore) projects and services supporting construction, operations and maintenance activities for the renewables, oil and gas and rapid response markets. This means I am the functional head of HSEQS for all the companies within the recently launched



James Fisher Renewables and James Fisher Subtech.

The ethos for the Marine Contracting division is to ensure we all work together and assist each other where required to improve overall HSEQS performance. The COVID-19 situation over the last few months has enabled us to show the power of working together to achieve a common goal.

Changing the structure of the group like this inevitably brings challenges, but my mission is to ensure HSEQS is factored into the integration process so our companies avoid unexpected costs and suffer fewer injuries and missed opportunities. In fact, HSEQS can be used to enhance growth and improve operating efficiencies.

What do you enjoy most about your job?

I joined in January 2021 when everyone was in lockdown so I haven't yet met anyone else in the company face-to-face. It has been challenging to start with a new company and learn how the business works, while never actually leaving your own home. All our business is conducted via Microsoft Teams which isn't always ideal.



But already I'm really enjoying the diversity of this job and the people I'm working with.

No single day is ever the same, and each day seems to bring new challenges, but I love the variety of my work and the fact that I can make a difference in the way people perceive HSEQS and the stigma that surrounds it by driving a healthy safety 'paranoia' (in a good way!) and improving the HSEQS culture throughout the business.

The most fulfilling part of my job is knowing that if I do my job well everyone can go home safely to their families and friends.

What does the future hold?

Our main priority going forward is to always ensure we are doing things as safely as possible and making sure people feel empowered to 'stop the job' if they suspect there are unsafe acts or conditions in play.

At James Fisher we specialise in working in extreme environments, but one fatality at work is one too many, so we have to be continually looking at what more we can do to prevent death or serious injury in the workplace by driving proactive behaviours and searching for improvements.

We are putting new controls and processes in place across the division, and by measuring risk, and encouraging employers and employees to work together to assess and mitigate that risk, we can move things in the right direction. No matter how good we are, there is always room for improvement.

Beyond that, I'm looking forward to the day we can again travel more freely, to visit our colleagues and see our operating companies in action!

Stackable compressors for bubble curtains in Taiwan

ScanTech Offshore is working alongside German specialist HydroTechnik Lübeck to provide bubble curtains to protect marine life during the construction of three offshore wind farms in Taiwan.

In April, a further 27 stackable air compressors were shipped out of the ScanTech Offshore UK base in Great Yarmouth to make their way to Taiwan, where they will be used to create bubble curtains around the installation of 186 pin piles at one of the wind farms there.

This means ScanTech Offshore compressors and associated Sea Sentry air purification equipment are being used to aid construction of three of the major offshore windfarm projects currently underway in the region.

One reason for this unprecedented surge in demand is the 'stackability' of the ScanTech Offshore compressors, which makes them almost twice as efficient in terms of space as the nearest competitor, explains Barry Craig, project manager at ScanTech Offshore.

'We are able to provide the maximum amount of compressed air for the smallest possible footprint on any heavy-lift installation vessel,' he says, 'this means our compressor package can be



Ship-shape and orderly: compressors on their way to Taiwan

adapted for use with a variety of different vessel configurations.'

Working under the newly formed James Fisher Renewables banner (see page 5), ScanTech Offshore is making full strategic use of a dedicated local team of experts on the ground in Taiwan. These contracts mark an important expansion into the world of renewables for ScanTech Offshore which had built a strong reputation in the oil and gas industry.

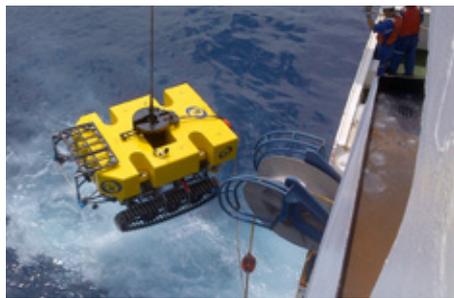
'We are delighted to have secured this new contract,' says Barry, 'it shows a vote of confidence in the work we have been doing in region which we have successfully completed despite the difficulties and limitations of having to work during a worldwide pandemic.'

ROV contract win in Brazil

SM Continental (SMC) has won a contract to provide ROV services to oil giant, Petrobras in Brazil. The two-year contract, which started in April 2021, is worth \$5 million.

SMC has worked closely with Petrobras since 1974 but recently established a team to provide remotely operated vehicles (ROVs) specifically to service this key customer's needs.

Since SMC joined the James Fisher group in 2019, the diving specialist has progressively expanded the services it offers, as well as the number and breadth of customers it serves, and now works with most of the major players in Brazil's oil and gas sector. 177 experienced divers are currently deployed on operations undertaking a wide variety of tasks associated with the operation and



maintenance of offshore assets.

'These new services and growing client base mean the James Fisher group now has a well-established subsea services company in Brazil which can act as a catalyst for other group companies to enter the market here,' says Latin America regional director, Richard Wilson.

SMC has also recently won its first contract to deliver rope access services to a wind farm operator: 'We anticipate this to be the first of many wind farm projects for us in this region in the future,' adds Richard.

Ship-to-ship transfers ready to flow in Ghent

Despite the challenges presented by the global economy in the wake of the COVID-19 pandemic, Fendercare Marine is continuing to expand its STS operations with the recent investment in dedicated equipment to conduct liquified natural gas (LNG) transfers, and has also added Ghent in Belgium to the growing list of locations globally in which it operates.

Fendercare Marine previously hired the equipment required for LNG transfers, but has now invested in dedicated kit which will expand its opportunities in this growing area. LNG is regarded as a much cleaner energy source than oil and the James Fisher group is keen to have a major presence in this fast-developing market.

'In concentrating on growth within the LNG sector, Fendercare Marine will be playing its part in enabling greener energy sources,' says business development manager Tom Fitchew.

In Brazil, Fendercare Marine has reached a milestone in delivering over 200 STS transfers there, expanding its principal customer base and securing the necessary permits from the Federal Environment Agency and the Brazilian Navy to continue to provide STS services in Brazilian territorial waters until 31 March 2026.

Exceedingly good overseas growth



JFO has won the 'Going Global' award by the Aberdeen and Grampian Chamber of Commerce at the 2021 Northern Star business awards.

The award is offered each year to the company which has made the greatest impact overseas and successfully demonstrated international growth, and the judges commended the dedication and hard work of the JFO global team, saying: 'During a challenging 12 months the team has exceeded expectations and achieved remarkable results for its customers and the subsea industry as a whole.'

OBITUARIES

Rowland Hart Jackson



Former solicitor to Sir John Fisher, Rowland Hart Jackson, died peacefully at his home in Ulverston on 14th February 2021, aged 82.

Born in Ulverston in 1938, Rowland joined the family firm of solicitors, Hart Jackson & Sons and became the solicitor to Sir John and Lady Maria Fisher, helping them to set up the Sir John Fisher Foundation in 1980.

Rowland served as a trustee of the Foundation until November 2019, maintaining a deep interest in the affairs of the company as well as those who worked for it and the local community.

Rowland helped steer the Sir John Fisher Foundation in its journey to becoming a major funder of charitable causes, many local to Barrow and the Furness Peninsula which he knew so well. He also held particular interests in education, enjoying the links that he had helped establish with the Universities of Lancaster and Cumbria, and in medicine and the arts.

Santhosh Varghese



Last year Santhosh Varghese, a long-time employee of Strainstall Middle East, based in Dubai, sadly died in an accident. He was on an assignment for James Fisher in Kenya working on a pile testing project for a bridge over a river. On his way home from work he was crossing the estuary near Mombasa in a small barge when one of the engines stopped, the boat

listed then capsized. Everyone on board was rescued or managed to swim to safety except two people: Santhosh and his customer.

A thorough investigation has been completed which identified a series of contributing factors which in combination led to this awful event. Since then a number of actions have been taken on site to prevent such an accident occurring again. Santhosh is survived by his wife and son in Kerala, India, who have received support from his colleagues and Strainstall at this very tough time.

'Recognising that we work in hazardous settings it is right and proper that we place safety at the top of our agenda,' says CEO Eoghan O'Lionaird. 'So, it is very sad to report that catastrophic outcomes can sometimes happen.'

Captain John Fisher



Captain John Fisher, who worked with Fendercare Marine as one of the company's select pool of expert ship-to-ship superintendents, sadly passed away in October 2020. It is believed he caught COVID-19 at home in Suffolk. Although he worked mainly in and around Africa, supporting operations in Lagos, Nigeria and in Ghana, John also undertook STS

operations globally (250 since 2007) and he assisted with the company's training programme for superintendents.

INTERNSHIPS



Design challenge for students working at home

Since 2016 James Fisher Marine Services (JFMS) has been offering sixth form students from coastal areas around the UK 20-day work placements as part of the Coastal Energy Internship Programme backed by Vattenfall and Scottish Power Renewables. However, the COVID-19 pandemic in 2020 meant everything had to change.

With everyone working from home and schools closed, the JFMS operations and technical manager, Roger Moore instead created project resources for students to work on at home. He set the interns the challenge of designing an ROV (remotely operated vehicle) as part of a virtual iteration of the programme designed to promote awareness and interest in offshore wind.

The initiative was a great success and two students from Ulverston went on to achieve prestigious CREST gold awards (run by British Science Association).

One of the CREST winners, Alexander Walters (pictured above), from Ulverston Victoria High School says: 'Completing this project allowed me to develop a much deeper understanding of some of the challenges an engineer may face on a daily basis.'

In December, the JFMS team received a letter of thanks from the Ogden Trust which originally developed the internship programme to stimulate an uptake in interest in physics post-16.

LOCKDOWN ACHIEVEMENTS



Nicola Stevenson (left), QSE administrator at James Fisher Shipping Services JFSS, committed to running a marathon throughout January in an effort to raise donations for a charity close to her heart.

She set herself the ambitious and daunting challenge of covering 26.4 miles in four weeks to complete Prostate Cancer UK's Run the Month marathon challenge. She not only kept active, she raised over £800 for the charity. Nicola completed various one to three-mile jogging routes around Barrow and her local town Dalton in Furness, taking her dog Max along for the majority of her running routes for extra support.



A team of 19 from EDS's three sites in the UK and Ireland accepted the challenge to walk set milestones throughout the month of January in a bid to boost fitness and morale. Their quest was to cover the 1000km distance between EDS offices in Lancashire, Tyne and Wear and Northern Ireland over a period of three weeks in an event which mimicked the national Three Peaks Challenge walking event. They braved all weathers to get outside with their families, charting the miles they walked, while boosting their physical and mental wellbeing.