



review





4

NEW HOUSTON HUB FOR HUNTING SUBSEA

The global market and product offering for the former Enpro expands into the key regions of the Gulf of Mexico and South America



7

HUNTING PLC NEW LONDON LOCATION

The London HQ is now back in the heart of the West End



11

FPSO REALITIES

Growing demand for Titanium Stress Joints is boosted by new orders at Subsea Technologies



15

CELEBRATING DIVERSITY AND EQUALITY AT HUNTING ASIA PACIFIC

Hunting teams in Asia Pacific hold special events to celebrate their colleagues



20

THEN AND NOW, 50+ YEARS OF SERVICE

Bob Smith reflects on the breadth of his experiences over his many years at Hunting



23

OUR HUNTING COMMUNITY

News from our community



Hunting Review the external house magazine of Hunting PLC
30 Panton Street, London, SW1Y 4AJ, UK | david.hunting@hunting-intl.com

Edited by Georgia Pickering, CMS Strategic
georgia.pickering@cmsstrategic.com

Design: plaindesign.co.uk

"As the global economy re-adjusts following the Covid-19 pandemic, with the consequential setbacks and financial implications, the demand for energy security is high. In this new dawn, it is also apparent that the energy mix required to power these renascent economies has never been greater and will have to adjust to the need for a transition to a diversity of supply. We take our responsibilities for these twin themes seriously.

As we celebrate success with a new set of large contract awards across our precision engineering range, we focus in this issue on Subsea Technologies in particular.

In London, England, we have reduced the footprint and adjusted working practices in our head office to harvest emerging efficiencies, as we have in Singapore without compromising our cultural legacy. We touch on both these subjects in this digital edition of the Review, which is also available in hard copy by request.

I am proud to look at the company of people who are our powerhouse with a round-up of achievements and community involvement."



Jim Johnson, Chief Executive Officer





New Houston hub for Hunting Subsea

The former Enpro expands its offerings for the key strategic regions of the Gulf of Mexico and South America within the Hunting Subsea Technologies division



"As the FAM opportunities in the GOM and South America continue to expand, it became critical to set-up a new regional team to handle the assembly, testing, service and support for the FAM product line within the Hunting umbrella"

The Flow Access Module (FAM) product line has always been strong in the Gulf of Mexico (GOM) and is key to helping customers support fast-paced subsea tiebacks enabling production of first oil faster. Flow Access Modules align with fast track, low-cost field development by integrating technologies required to maximise recovery. Enabled via a patented Flow Access Hub which acts as a 'USB port' within the jumper or flow line envelope, the FAM provides a retrievable package which can integrate functionality such as flow measurement, flow assurance, data acquisition and intervention access. As the FAM opportunities in the GOM and South America continue to expand, it became critical to set-up a new regional team to handle the assembly, testing, service and support for the FAM product line within the Hunting umbrella.

PLANNING TO REALITY

The preparation and planning began in mid Q2 2022 to develop a Hunting Subsea specific group to provide full assembly, testing, and service solutions primarily for the GOM and surrounding regions. For the facilities, an assembly area with basic manufacturing infrastructure such as power, water, air, and suitably rated crane was required. One of the existing buildings at Hunting Subsea's Spring location had an area that was ideally suited to meet these needs. Over the next few months, this area was converted over to the former Enpro's main hub in the US. With the basic infrastructure in place, additional tooling and inventory items were brought and set up to support the company's first in-house build. →

INITIAL ASSEMBLY AND TESTING

The assembly of the first Flow Access Modules began in November 2022 to support a major service company and operator on a project in the GOM. The delivery consisted of a Metering Flow Access Module (MFAM), Flow Through Module (FTM), and a Flow Access Hub. Utilising resources from the entire Hunting Subsea Technologies group, these units were successfully assembled, tested, and ready for delivery as promised by the end of the year. The newly formed US assembly team then continued to support the customer after the delivery by providing systems integration testing and offshore installation service in April 2023. Since the same technicians that assembled and tested the unit onshore also provided the offshore installation support, Hunting Subsea now has the capability to offer its customer-base a superior level of service options that are regionally based.

"Since Hunting's Subsea Spring already provides world-class welding solutions for titanium and steel stress joints, its in-house welding team was able to successfully complete this vital pressure containing weldment in record time and reduced cost"

MORE SATISFIED CUSTOMERS

The new US operations continued through early 2023 with a key delivery to a large E&P company active in the GOM. This unit was assembled throughout December 2022 and delivered in January 2023. During the build, a significant supply chain issue was encountered on a critical weldment that threatened not only the delivery of the MFAM, but could have delayed the subsea tieback installation; the previous vendor could no longer supply the required scope. Since Hunting's Subsea Spring already provides world-class welding solutions for titanium and steel stress joints, its in-house welding team was able to successfully



complete this vital pressure containing weldment in record time and at a reduced cost. Thanks to the collaboration of the entire Subsea Technologies team, the unit was delivered successfully and installed subsea less than a week later. The field is now in production.

On the heels of this delivery, the new US group continued to grow with its next two MFAM units for another GOM installation. These two units were fully assembled and tested by the dedicated US team throughout Q1 2023 with installation and support provided in early Q2 2023.

As the global market and product offering continues to expand, the ability to provide in-house service and support for the GOM and South America from the Houston hub will ensure the next level of customer care that Hunting is known for. ■



Hunting PLC new London location

A recent move brings the London office back to familiar territory in the heart of the West End





"Located to the west of and overlooking Leicester Square in the heart of London, Panton Street has an eclectic history characterised by a rich tapestry of trade and commercial activity"

During a protracted move towards the end of the Covid-19 pandemic, Hunting moved its London office from Hanover Square to Panton Street. Located to the west of and overlooking Leicester Square in the heart of London, Panton Street has an eclectic history characterised by a rich tapestry of trade and commercial activity.

Panton Street stands on the site of the old Scavengers Close, a small area of open ground named as such, because it was used as a parish 'laystall' or cattle stop during the late 16th century. Before it was bought by King Henry VIII, Scavengers Close was owned by the Mercers' Company, one of the most

historic and powerful livery companies in London. Originally established as a merchants' guild during the 12th century, the Mercers' Company played a significant role in the development and regulation of trade, holding considerable influence in London's economic and political affairs. The street was subsequently named after Thomas Panton, an investor who bought Shaver's Hall and its surrounding property in the late 17th century. By 1720, Panton Street was well urbanised and populated, attracting local tradesmen as residents. Today, the street continues to be a buzzing hub for business close to Westminster while being at the heart of London's arts, entertainment and theatre scene. →



The office move was completed just in time for King Charles III's coronation celebrations in spring 2023 and many of the surrounding streets were adorned with Union Jack flags. Much like the new reign, Hunting's latest move helps ensure that the company continues to build on its heritage, by modernising to stay efficient. Office members marked the occasion with a celebratory lunch in the new staff break area. To be at the hub of the pomp and ceremony during this momentous occasion was a tremendous experience. ■





FPSO Realities

Titanium Stress Joints have a proven track record of being utilised on Floating Production Storage and Offloading operations by a host of new contracts for Subsea Technologies

"In the last two decades, more than 500 steel and titanium stress joints have been supplied to customers in the Gulf of Mexico and continue to operate today without any failures"

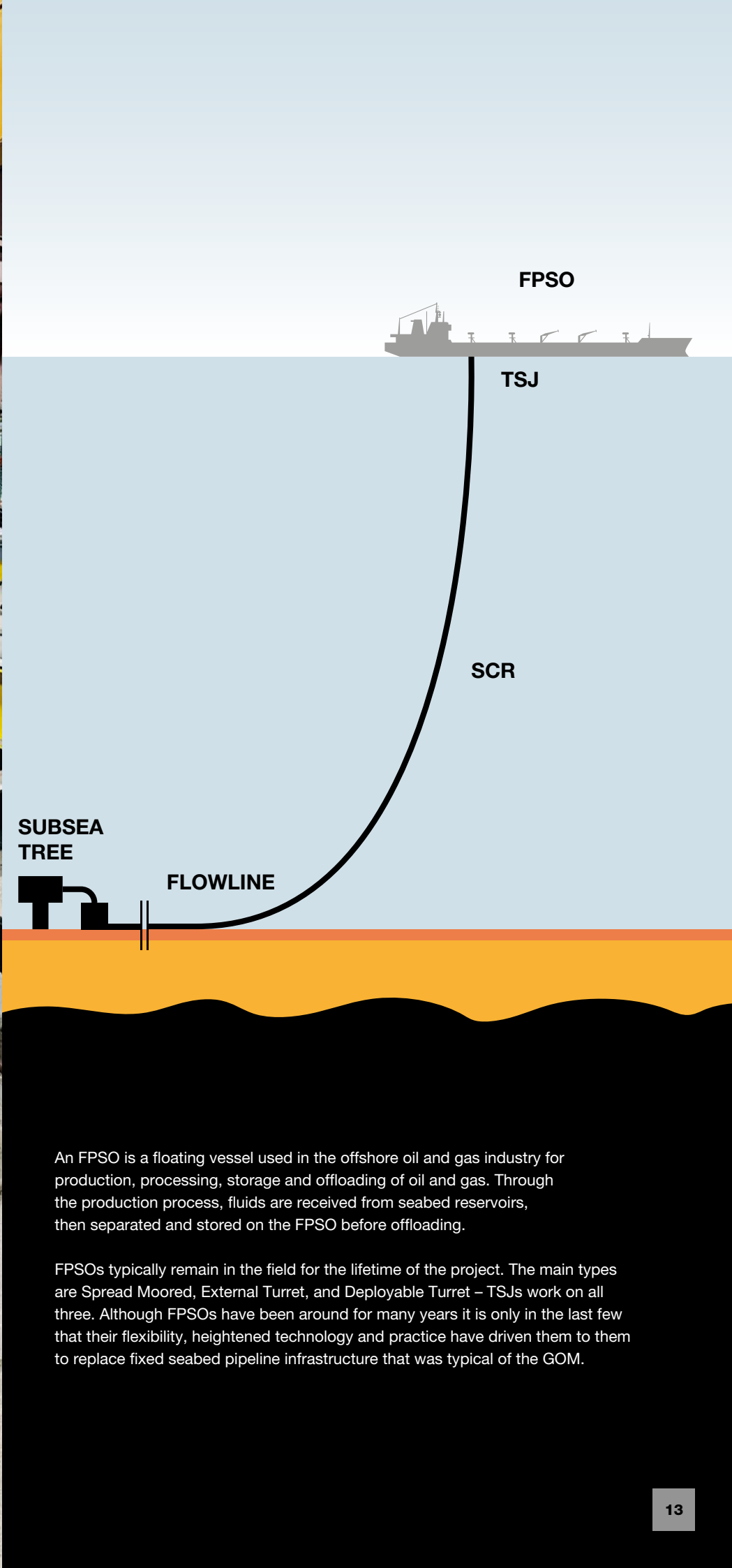
The Hunting Subsea Technologies "SURF" group is the leading manufacturer of production riser technologies used to manage stress, motion fatigue, high pressures, and corrosion for deep water applications.

These Titanium Stress Joints (TSJs) are widely recognised in the offshore exploration and production market for outstanding performance in the most challenging deep-water environments. Subsea Technologies' TSJs are currently in operation on Steel Catenary Risers (SCRs) for production, water & gas injection, gas lift, and oil & gas export risers. These range in size from 4-24 inches, enduring pressures above 15k psi, temperatures above 250°F and waters deeper than 7,000ft. They ensure a low life-cycle cost for both brownfield and greenfield projects.

In the last two decades, more than 500 steel and titanium stress joints have been supplied to customers in the Gulf of Mexico and continue to operate today without any failures.

This proven track record has been bolstered by a range of new projects using TSJs. Recent contract deliveries with major regional operators has seen TSJs on three South American Floating Production, Storage and Offloading operations (FPSOs). The first TSJ order for FPSOs from Equinor (pictured above) on its Bacalhau FPSO was in 2020 and the business is strategically positioning for further growth in the next five years. →





An FPSO is a floating vessel used in the offshore oil and gas industry for production, processing, storage and offloading of oil and gas. Through the production process, fluids are received from seabed reservoirs, then separated and stored on the FPSO before offloading.

FPSOs typically remain in the field for the lifetime of the project. The main types are Spread Moored, External Turret, and Deployable Turret – TSJs work on all three. Although FPSOs have been around for many years it is only in the last few that their flexibility, heightened technology and practice have driven them to them to replace fixed seabed pipeline infrastructure that was typical of the GOM.

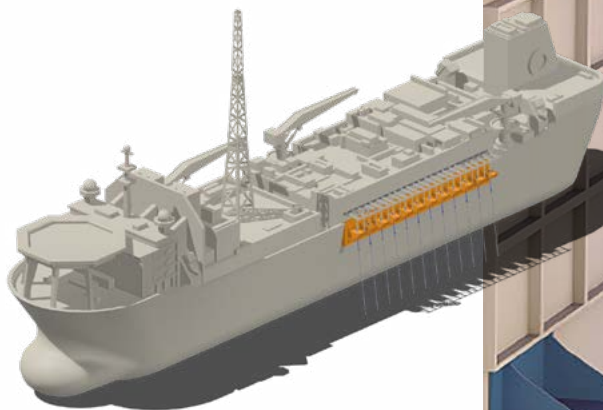
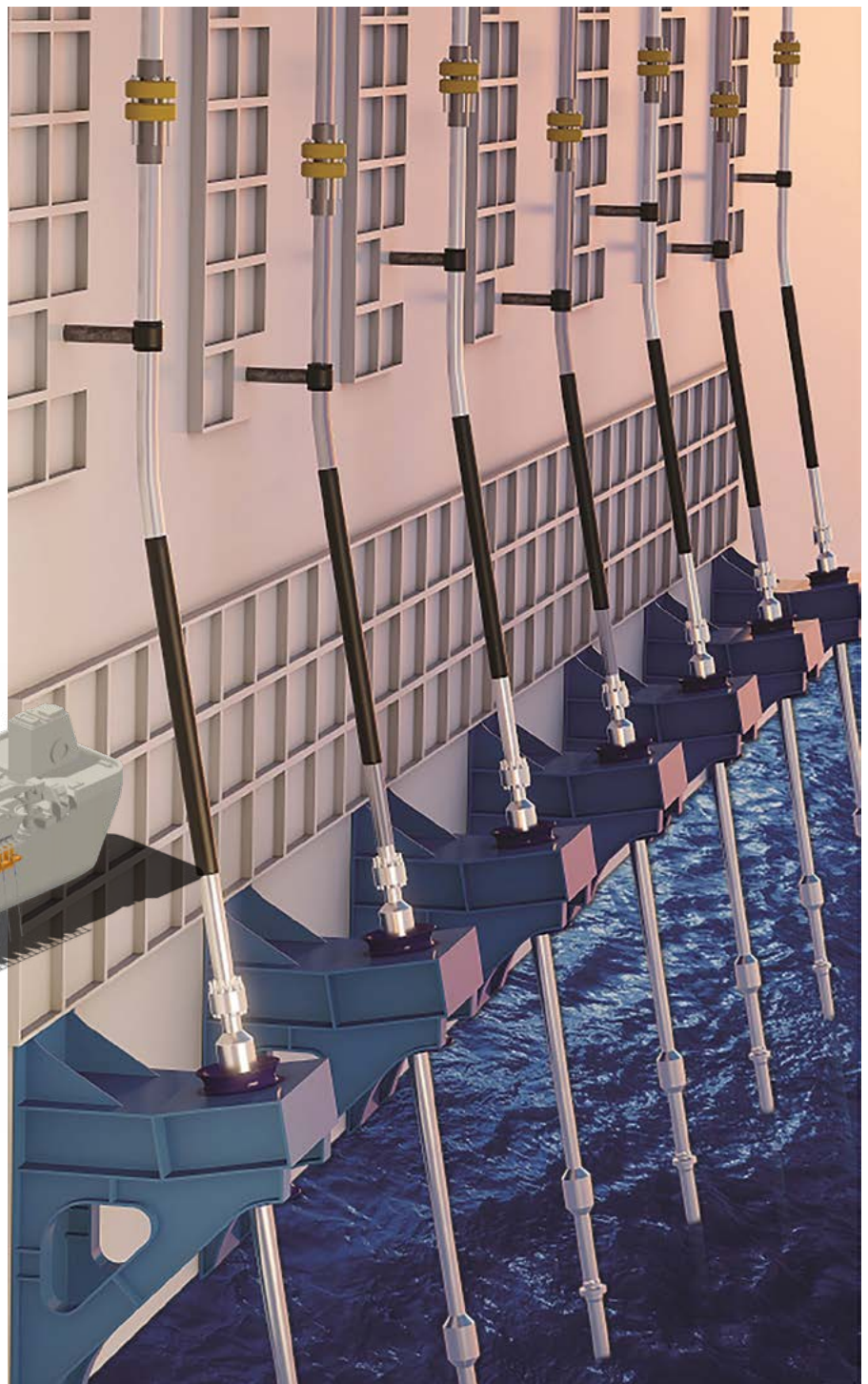
The opportunity to grow in this market has been driven by the team at Subsea Technologies which identified issues facing the operator and developed new, more suitable, products accordingly. Traditionally, stress joints on FPSOs are positioned below the water line, as some riser connections can only function in this environment. While giving flexibility, this presents some operational constraints, for example, installation needed during calm weather windows. On understanding these issues, the Subsea team developed a new “hang off” system, a Direct Pull Tube (DPT). As titanium doesn’t have to remain underwater, they were able to move the hang off closer to the upper deck of the FPSO. This increased the weather window and mitigated safety issues in installing the top connections.



EXXONMOBIL CASE STUDY

ExxonMobil is a major partner with Equinor on the Bacalhau project, and has contracted TSJs on FPSOs since 2020. The customer was looking for new ways to install risers onto the FPSOs in the “Liza” fields offshore Guyana. ExxonMobil and the Hunting team collaborated to install risers with TSJs with a DPT operation. This not only improved the safety of the riser installation, but as the risers are mounted higher on the side of the vessel it optimises the vessel’s ballast requirements, thus improving the ability to offload oil from an FPSO.

The Hunting team is well positioned to serve the growing FPSO market and look forward to realising those opportunities. ■



Celebrating Diversity and Equality at Hunting Asia Pacific

Embracing inclusivity and promoting diversity in the workplace is not only about creating a healthy and thriving organisational culture, but it is also to lay the foundation for long-term innovation and success



This year, the teams from Singapore, China and Indonesia organised various events to celebrate International Women's Day. Activities, notable speakers, and other team bonding events were arranged to highlight the positive impacts of diversity on the business, raise employee morale and recognise the contributions of women working within the Hunting team.

SINGAPORE FUN

At the newly amalgamated regional HQ facility in Singapore, which brings all the previous individual sites together, a series of interactive exercises were enjoyed. Talks were given, including one by regional Managing Director, Daniel Tan who launched the overarching

theme for the day: #EmbraceEquity. The workshops addressed several topics, one of which focused on understanding the difference between equity and equality in regard to the workplace. The team learned that while equality focuses on treating people the same, equity goes further in recognising and addressing disparity by providing resources and support to achieve fairness. Later on in the day, teams were formed to take part in a scavenger hunt before closing the occasion with an indulgent afternoon tea. The picture (below) depicts the Singapore team all adopting the #EmbraceEquity pose, and the radiant smiles attest to a much enjoyed and successful day. →

"At the newly amalgamated regional HQ facility in Singapore, which brings all the previous individual sites together, a series of interactive exercises were enjoyed"





"...teams were formed to take part in a scavenger hunt before closing the occasion with an indulgent afternoon tea"





INDONESIAN SMILES

Meanwhile over at the Batam facility, International Women's Day was commemorated with a series of talks and workshops convened by a renowned psychologist for the Srikandi (female employees). The topics varied from recognising and addressing barriers to women in the workplace, to how women can overcome insecurities and reach their full potential. These were well received and stimulated full engagement from all involved.

"Meanwhile over at the Batam facility, International Women's Day was commemorated with a series of talks and workshops convened by a renowned psychologist for the Srikandi (female employees)"





CHINESE SPARKLES

Hunting's Wuxi team similarly organised an afternoon of activities in the Ecological Park to mark and celebrate International Women's Day and recognise the efforts of the team.

This included several team bonding sessions and outdoor activities:

- Baking skills competition for cakes and dumplings that made every mouth water.
- Fruit picking task that rewarded everyone with loaded strawberry punnets to go home.
- A hidden lucky number surprise gift for participants that corresponded to the chair number under their seats.

"...it was a time to thank all the AP team for all their efforts. A thoroughly inter-regional day"

Not only was the day an opportunity to discuss prevalent issues concerning women in the workplace, but also it was a time to thank all the AP team for all their efforts. A thoroughly inter-regional day.

While this article focuses on the events that took place in our Asia Pacific offices, the importance of fostering an inclusive work environment goes beyond rhetoric at Hunting spanning all our offices worldwide. ■

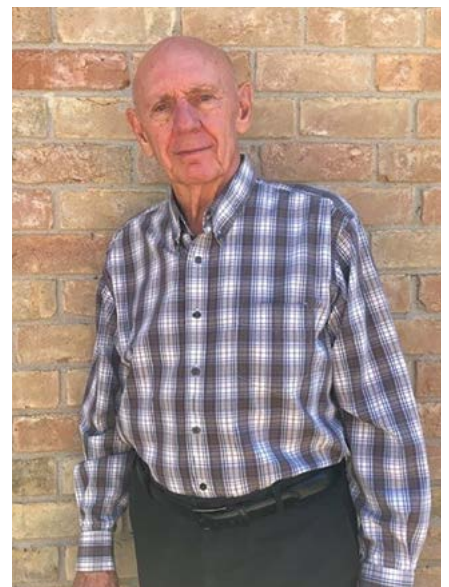


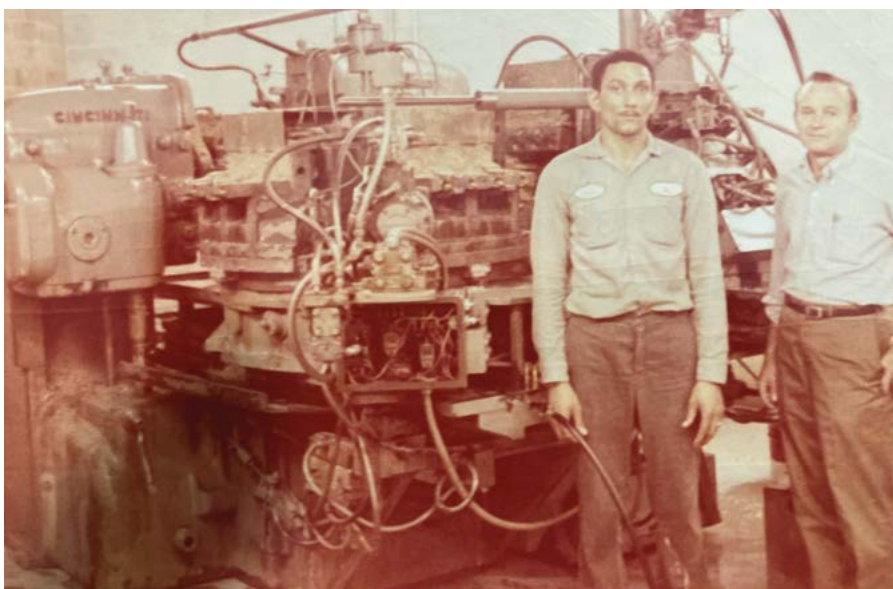


Then and now, 50+ years of service

Bob Smith has retired after 51 years with the company, from his first role as manager and subsequently Vice-President for many years of what was the National Coupling Company, now part of the Hunting Subsea Technologies group based in Stafford, Texas. In 2008 he was named Texas Inventor of the year by the Texas Bar Association. Having joined the company in 1968, Bob has seen the operation develop from an antiquated machine shop with just a handful of employees, to the modern precision engineering facility that it is today.

Reflecting on his experiences, Bob describes the subsea couplings he designed and the impact they still have today: "the company started by making several types of industrial pneumatic couplings for mines, chemical plants, chemical plants, refineries, nuclear power plants and many other industries. Then, in 1976 I became aware of a need for very specialised hydraulic couplings for the oil and gas industry, both surface and subsea. I designed couplings that met all the required specifications and passed the acceptance tests".





The first order was for 12,000 couplings, and orders for different types and sizes grew rapidly from there. In the early 1980s, oil companies wanted higher reliability in equipment and couplings for deeper water with higher pressures, meaning that metal-to-metal seal couplings had to be introduced. In 1985, Bob filed for a patent on the first dynamic metal seal coupling for the oil and gas industry. The subsea sector has remained the mainstream market ever since with some notable exceptions. →



"...to this day NCC/
Hunting is still the
world leader in
subsea couplings"

"Over the years, as requirements continued to change, more types were designed and patented as well as related equipment and today, over 500 US and foreign patents have been filed". One of the most memorable he recalls was for NASA's Space Shuttle after the Challenger accident in 1986.

Bob concludes, "While many requirements have changed over the past years (predominantly the pressure and water depth which constantly produces new challenges), to this day NCC/Hunting is still the world leader in subsea couplings." ■

Our Hunting Community

APPOINTMENTS, PROMOTIONS, RETIREMENTS

Stuart Brightman has been appointed as a new independent, non-executive Director of Hunting PLC. Stuart's exceptional expertise in the global energy industry will contribute significantly to Hunting's continued success.

Rick Bradley has retired from his role as Chief Operating Officer. Rick played a pivotal role in driving the expansion of Titan, which ultimately led to its acquisition by Hunting in 2011. As Rick embarks on a new chapter in his life, Hunting extends its immense gratitude to him for all his contributions over the years. Rick leaves behind a legacy of leadership and commitment that will continue to inspire us at Hunting as we strive for excellence in the years to come.

After 43 years at Hunting, John Feuerstein has retired from his role as Global Manager of Business Services. Having joined the organisation through the acquisition of Vinson Supply, John's extensive market knowledge and oilfield experience has been of huge value to the company.

John's successor Christopher Williams has over two decades of Sales and Marketing experience in upstream oil & gas and technology firms. Christopher will be working directly with the global businesses to assist in developing our digital marketing and content strategies.

Louise Flores has retired after a 32-year tenure at Hunting having worked as a Director, Accounting, Operations (USA) at Hunting Innova, Inc. Louise's successor Melissa Fudge

has been with Hunting in the Corporate office since 2014.

Mark Jarvis has retired after 11 years of dedicated service with Hunting working as a Group Financial Controller. His successor, Gavin Baverstock, joined in November last year, having worked in notable companies such as G4S, Cobham Communications and Connectivity along with BAE systems.

Zanetta Perry retires having served as an executive administration assistant for Jim Johnson for 15 years. She is replaced by Erica Mitchell.

Andrew Cousins has assumed the role of Group Operations Manager for US Manufacturing, following 10 years working at Hunting.

Jarrold Paris has been promoted to Quality Assurance Manager after more than a decade with the company. In his new position Jarrold will continue to provide quality management leadership for our Sam Houston Parkway facility.

Landon Price has been appointed to the role of Group General Manager – Health, Safety & Environmental. Landon has given over 10 years of dedicated service to the company, and having held various positions within this department.

Jaclyn Montemayor has been promoted to Operations Manager for the Ameriport facility. Jaclyn has been with Hunting since 2018, first as a HR manager, later transitioning into a Customer Service Representative role.

Walt Hebert has assumed the role Operations Manager for the Highway 311 facility.

Vinh Q Le's has been appointed as the Operations Manager for the Sam Houston Parkway facility.

Alex LeJeune has been promoted to HS&E Manager of North America. Shane Sullivan has accepted the position of HS&E Manager in Texas and Louisiana.

Richard Bourgeois has accepted the position of Operations Manager for Rankin Road-US Manufacturing, the latest role in his 38-year tenure at Hunting.

Stephen Harvey has been promoted to position of General Manager at Engineering Connection Technology. In his new role, Stephen will manage all engineering activities and will also have more interactions with the Quality department and Production facilities.

In his new role as the Manager of Technical Sales & Strategic Initiatives, Aaron Walsh will lead and manage Hunting's technical sales development activities in accordance with the company's strategic objectives and new product initiatives.

Christopher Williams



Jaclyn Montemayor



Vinh Q Le



Aaron Walsh





ABERDEEN RAISES FUNDS FOR A NEW LIFEBOAT STATION IN STONEHAVEN

THE IMPORTANCE OF SUPPORTING LOCAL COMMUNITIES IS RECOGNISED AND POSITIVELY ENCOURAGED. AN EXAMPLE OF THIS COMMITMENT IS SHOWN BY THE ABERDEEN FACILITIES FUNDRAISING CAMPAIGN IN SUPPORT OF A LOCAL BRANCH OF THE ROYAL NATIONAL LIFEBOAT INSTITUTION (RNLI).

Stonehaven lifeboat volunteers have been saving lives at sea for over 130 years, but for the last 10 years they have had to launch their vital rescue missions from a makeshift lifeboat station. As a result, the RNLI launched fundraising efforts this year to build new, fit-for-purpose premises at Stonehaven harbour, and the Aberdeen team were happy to lend a hand.

Chosen as this year's nominated charity, the overall goal is to raise £5000, so creative fundraising initiatives are set to continue throughout the year. The campaign kicked off in May with a bake sale held between Fordoun and Aberdeen, which raised a generous and tidy sum.

1824

The year the RNLI was founded

97%

of operational crew are volunteers

144,000+

lives saved since formation



The Kiltwalk team



Saltire 24 fundraisers



Then on a Sunday in June, a team led by Stewart Barrie (EMEA MD) took part in 'The Mighty Stride', a gruelling 18-mile 'Kiltwalk'. In keeping with Scottish tradition, the tartan and custom T-shirted members took up the challenge and marched purposefully from Duthie park in Aberdeen to Banchory, part way along the old disused rail line. Supported by sponsorship from friends and colleagues, this walk alone raised more than half the intended year-end target. Another team from Hunting Subsea supported the drive with an allied summer solstice 'Saltire 24' run.

The funds will play a pivotal role in helping the RNLI renovate and refurbish an old building in a quiet section of the old harbour. It will also provide a unique opportunity for it to integrate energy-efficient materials to better the long-term financial

sustainability of the base. It will offer dedicated space to train current and prospective volunteers as well as providing a display area for visitors.

At Hunting, these individual efforts instil a strong sense of pride through collaborating with local deserving projects, which is powered by a strong team spirit including from participating in the ongoing events. The company will continue to not only support the charity in raising these essential funds, but also provide ongoing assistance and take a keen interest in those who consistently demonstrate selflessness, courage and commitment for no reward.

Encouragingly, the overwhelming early response leads the campaigners to believe that they will not only achieve the year-end target, but exceed it handsomely.



LONDON OFFICE CORPORATE CHALLENGE

The HQ team in London entered the JP Morgan Corporate Challenge in July. This race is the largest corporate race in the world with on average 250,000 participants. Events took place in 15 locations across eight countries and six continents.

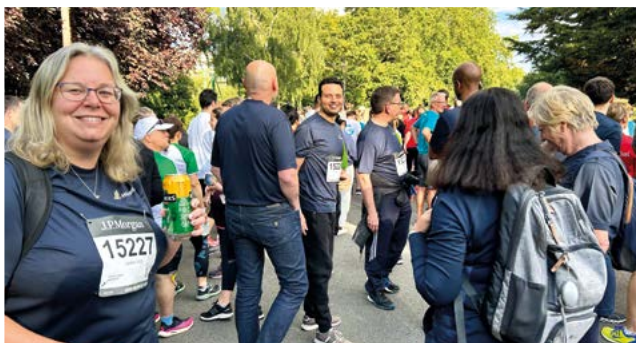
The London event was held over 2 days with 13,000 runners competing on each day. Hunting PLC entered a team with 5 female and 8 male members of staff, each racing in Hunting logoed T-shirts. This is a 5.6km road race in the beautiful Thames-side Battersea Park, close to the Battersea Power station landmark, but whose location and staging elongates the distance needed to be walked or run. It has been running for 47 years, and since its inception has bridged the gap between work and wellness.

Racers were split into 3 levels of ability and these

cohorts were set off in phased waves to mitigate the worst bottlenecks. The fastest Hunting time team member recorded a very creditable 0:32:19.391. The final member a little over double that. Most importantly, the entire team completed the course.

By popular vote, the Hunting team chose the Alzheimer's Society for its fundraising focus and raised 124% of its target. This organisation helps many families who are affected by this disease that is one of the leading causes of death in the UK. The Society is determined that dementia is not an inevitable part of ageing.

Fees for entry to the London Challenge benefitted Centrepont, the UK's leading youth homelessness charity that provides accommodation, support and life skills to help them grow beyond their past.





SUBSEA CELEBRATES HEALTH MONTH

NATIONAL HEART HEALTH DAY WAS RECOGNISED ON FRIDAY 3RD FEBRUARY 2023. BOTH SUBSEA LOCATIONS SHOWED THEIR SUPPORT BY WEARING RED.



Did you know...

In the United States, 805,000 people have a heart attack every year. That's one heart attack every forty seconds. Of these, 605,000 are a first heart attack.

About one in five heart attacks are silent – the damage is done, but the person is not aware of it.

HUNTING SPEARHEADS CARBON CAPTURE AND STORAGE DIALOGUE WITH EXPERT PANEL

HUNTING SUPPORTS KEY ENERGY TRANSITION PROJECTS AROUND THE GLOBE, ACKNOWLEDGING THE NEED TO DEVELOP SUSTAINABLE SOLUTIONS TO THE MOST COMPLEX ENVIRONMENTAL CHALLENGES.

In February this year, the Society of Petroleum Engineers, the foremost industry association's Northern Emirates branch (for the Middle East and North Africa), hosted a roundtable discussion on the central theme of "Bridging the Technology Gap by Leveraging Oil & Gas Expertise". A panel of experts spoke at length about the technological detail of key energy transition projects, discussing ways in which barriers can be overcome with innovation and the expertise of industry. Led by Chairperson Oumer Tahir of Hunting Energy Services, the panel included

representatives from ADNOC, SNOC, GCCSI, as well as fellow energy technology firm Welltec Denmark.

Alongside this discussion, highly engaging technical presentations were delivered by SLB and Oliasoft Norway. The event provided the perfect opportunity to showcase how Hunting is supporting global energy transition projects around the globe. It also gave an opportunity for Oumer and his team to demonstrate how Hunting is innovating its product portfolio for Carbon Capture and Underground

Storage as well as Geothermal projects to about 100 high profile delegates from the region. The participants, included notable CCS leads from ExxonMobil, SLB, WFT, BH, ADNOC, SNOC, Dragon Oil, Saudi Aramco and PDO.

This roundtable followed a VIP event which took place late last year during the Abu Dhabi International Petroleum Exhibition and Conference, ADIPEC. As a leading international forum for the industry that aims to promote energy security and sustainability initiatives, it was

great that the SPE Northern Emirates Section of was led by Hunting's Oumer Tahir. The team hosted a dinner for the energy industry which was attended by Hunting Energy's Europe, Middle East and Africa Managing Director, Stewart Barrie and General Manager Graham Goodall, but also key senior officials of the major National, Independent Oil Companies and International Service Firms. Such was the success of the dinner that the Senior Vice President of ADNOC committed to hosting a similar event every year.





Hunting PLC (UK)

30 Panton Street, London, SW1Y 4AJ, UK
Tel +44 (0) 20 7321 0123
www.huntingplc.com

Hunting PLC (USA)

Hunting Energy (North America)

16825 Northchase Drive, Suite 600, Houston
Texas 77060, USA
Tel +1 281 442 7382

Hunting Energy (Europe)

Badentoy Avenue, Badentoy Park, Portlethen
Aberdeen AB12 4YB, UK
Tel +44 (0) 1224 787000

Hunting Energy (Middle East)

Building B23, Oilfield Supply Center
Jebal Ali Freezone, Dubai, UAE
Tel +971 4 887 6850

Hunting Energy (Asia Pacific)

16E Tuas Avenue 1#01 – 61,
JTC Space@Tuas, Lobby A,
Singapore 639537
Tel +65 693 31777