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ISSUE 24 | Q4 2021

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### A WORD FROM 3C METAL'S PRESIDENT AND CEO



As 2021 draws to an end, we reflect on what has been another interesting - and often challenging - year. We have been fortunate for the level of activity we have received this year despite ongoing challenges brought on by the pandemic. We are closing the year in a strong position and, thanks to some significant project awards this quarter, our outlook for 2022 remains cautiously optimistic.

In the first quarter I announced that our three key areas of focus for our operations this year would be efficiency enhancement, diversification and corporate social responsibility. I'm pleased to say we have delivered on all fronts. We established a workshop in Houston and now have in-house fabrication capabilities for all of our global locations, further reducing lead times for projects. An in-house training program was implemented for our project teams to keep their skills relevant and transferable across all industries that we work in. Our diversification efforts have been successful and we have secured many new projects outside of our core activities in upstream oil and gas. We have also increased our initiatives relating to corporate social responsibility across 3C Metal Group some of which you can read about in this newsletter.

Within our core business, our momentum with the delivery of managed pressure drilling (MPD) system integrations remains strong. Recent projects include the MPD integrations onboard vessels such as the 10K for Saipem, the Noble Tom Madden and Noble Don Taylor for Noble Corporation and the Auriga for Aquadrill. In terms of our diversification activities, some of our major highlights for the year include the finalization of the project for the mining plant and crawlers for Benguela Gem (Debmarine Namibia's new diamond recovery vessel, formerly known as the AMV3), as well as the delivery of multiple EPC projects for our long-standing client, Teréga. The projects for Teréga

included the RCP, RECOMP and Galgan-Aurillac projects, all of which involved upgrade and maintenance work for pipelines and substations along the gas transmission network in the southwest region of France. Our Green Technologies division has also been successful in securing projects relating to ballast water treatment system (BWTS) upgrades for clients including Bawat, Noble Corporation, Vantage Drilling and Stena Drilling.

As mentioned, we have recently been awarded several projects and anticipate a steady flow of activity as we enter 2022. These include a project for Jacobs as part of their steam generator replacement project for Koeberg Nuclear Power Plant near Cape Town, South Africa. Also in Africa, our newest entity, 3C Metal Belmet Mozambique, has been awarded two new projects by Technip Energies - one for the delivery of six offshore spools, the other is for hot work support for a floating liquefied natural gas facility, ENI Coral Sul FLNG. Both projects will be carried out by our local team in Mozambique. In the Middle East, our team will soon be undertaking a project for the prefabrication of the boat lock gates for a client in Bahrain. In France, we've received a new contract from Teréga for the Rodez 2 project which will involve further upgrade work to the local gas transmission network.

To our teams, I'd like to say I am immensely proud of what we have been able to achieve this year despite difficult conditions. Thank you for your dedication. To our clients, thank you for your continued confidence in 3C Metal to deliver your projects to the highest standards of safety and quality.

I would like to wish everyone a safe and happy festive season and all the best for 2022.

### Philippe Boy

President and CEO of 3C Metal

## 3C METAL COMMENCES INSTALLATION PHASE OF THE MPD INTEGRATION FOR THE NOBLE DON TAYLOR

## 3C Metal are currently delivering the MPD upgrade for Noble Corporation's Noble Don Taylor drillship while it is located offshore Guyana.

The project follows the successful completion of the MPD upgrade for the Noble Don Taylor's sister vessel, the Noble Tom Madden drillship, in Q4 2020. The scope of both projects is comparable and 3C Metal is using the experience gained on the sister vessel to deliver a streamlined service that meets all project requirements.

For this project 3C Metal will provide the DNV-approved engineering, piping and structures. The scope includes hose supports and an access platform in the moonpool, portable bridges to support the MPD manifolds, structures

to support the HPU, CCU and umbilical reeler and a platform to support the MPD riser joint. 3C Metal will also provide the interconnecting piping, electrical cables and hydraulic tubing between the manifolds and the rig.

Fabrication work has been carried out from Houston with support from 3C Metal's workshop in Dubai. The installation phase is underway following the mobilization of the team in August and will continue for several months. The team are working hard to deliver this project safely and smoothly and to the client's complete satisfaction.









# MANAGED PRESSURE DRILLING SYSTEM INTEGRATION FOR AQUADRILL'S AURIGA DRILLSHIP

3C Metal has been commissioned to carry out the integration of the managed pressure drilling (MPD) system for Aquadrill's Auriga drillship ahead of its new drilling contract in the Gulf of Mexico.

The MPD integration involves the engineering, fabrication, and installation of a two-level platform to house the MPD manifold and HPU (provided by other companies). The work requires the extension of a mud process module deck and platforms with access. Other items include hose supports for flowlines in the moonpool, MPD reeler supports and a padeye for the umbilical sheave.

3C Metal will undertake the complete electrical integration of the system to the rig as well as the complete hydraulic and pneumatic integration. A total of 15 lines will be installed, ranging from two to eight inches in diameter with pressures up to 10,000 psi.

Fabrication is currently underway at 3C Metal's newly established workshop in Houston, and engineering is being managed by 3C Metal's central engineering office in Dubai. All fabrication and engineering work will be delivered with full ABS approval.

The installation will begin in the Gulf of Mexico in Q4 2021 and is expected to be completed in January 2022. This is the first MPD integration where the entire fabrication scope has been delivered by 3C Metal USA's new workshop. 3C Metal looks forward to utilizing the new workshop to deliver more fabrication scopes for clients operating in the region.





### **UPGRADE SCOPES FOR VALARIS MS-1 CARRIED OUT IN AUSTRALIA**

3C Metal has conducted several maintenance and upgrade scopes onboard the Valaris MS-1 semi-submersible drilling rig, located offshore Western Australia.

This project was carried out amid Australia's tight COVID-19 restrictions. Due to the limitations on deploying an international team to carry out the project, 3C Metal partnered with local Australian company, Weldtech, and other local contractors to provide tools and manpower. 3C Metal deployed a core team, including experienced supervisors and fitters, to manage the Australian team.

The scopes were conducted in Q3 2021 and included the repair and replacement of well-test piping and the installation of a ballast water treatment system (BWTS) on each pontoon. The work included dismantling the OEM skids to allow them to fit through the access lift and down to each remote installation site for reassembly and connection work. Modification was done to the piping line to match the skids' inputs. The electrical scope was also carried out by 3C Metal and involved the installation and connection of transformers, a control panel and all associated data and power cables.

The collaboration with the local Australian entities resulted in a successful project that was delivered safely and according to the schedule.



## MAJOR NATURAL GAS TRANSPORT PROJECT IN FRANCE NEARING COMPLETION

3C Metal was involved in an EPC natural gas transport project in for Téréga called the Vianne Project. The overall project is for the redevelopment of the network of natural gas transmission pipelines in parts of the Lot-et-Garonne department in southwestern France.

3C Metal's work has been carried out in a consortium with a company that specializes in laying pipelines. 3C Metal has managed the development of four gas interconnection sites, three safety valves, a skid delivery station and modification work to a delivery skid.

The project began in April 2021 and is expected to be completed in mid-February 2022. A major milestone was reached in mid-December with the delivery of the final interconnection site. The civil work is set be completed in early 2022 with the commissioning of the facilities scheduled for mid-2022.









## ANOTHER FUNDRAISING RECORD FOR 3C METAL BELMET'S ANNUAL CHARITY AUCTION

On Saturday 6 November, 3C Metal Belmet hosted its 10th annual charity auction in Cape Town, South Africa, and raised a staggering R531,250 (\$US33,750) for local charities and community projects.













Held at the Kronendal Boutique Winery in Durbanville, the day was filled with live music, games, entertainment and good food and wine. Local award-winning singer-songwriter, Arno Carstens, dazzled the guests with his performance alongside fellow performers Erick Zulch, Daneel Wasserfall and Carlo de Villiers.

"With the 10th anniversary of our annual charity auction, we looked back on every year and stand in awe of what is possible when you start with a great idea and get likeminded people to support your cause," Mr Kroon said.

The event drew enormous support from clients and friends of 3C Metal Belmet. Thanks to the generosity of sponsors, buyers and service providers, a record-breaking amount was raised and will go to worthy local charitable causes.

"It is truly a privilege to be able to thank you for your support and generous contribution toward this special charity event," he said.

Director of 3C Metal Belmet, Pieter Kroon extended his thanks to everyone involved in the event.

"All funds received will be allocated to various projects in and around our community. Lives and situations are being changed, thanks to you."

### CHANGING THE FACE OF MEN'S HEALTH FOR MOVEMBER

Things got a little hairy for 3C Metal Middle East during November! 21 bold gentlemen from the Dubai office took part in "Movember" by growing a moustache or beard to help change the face of men's health.

Movember is a global movement that places the spotlight on important men's health issues such as prostate cancer, testicular cancer and suicide prevention.

The office got behind the cause and helped to raise close to \$1000 (USD) for "Shanab" – a local charity initiative dedicated to supporting patients facing prostate and testicular cancer. Throughout the campaign, mental health and wellbeing services were also promoted.

As well as the moustache and beard growing, some staff got

involved in the campaign in the following ways: pledging to run 60kms throughout November for the 60 men who lose their lives to suicide each hour; taking part in the Wadi Bih 35km Relay Race held in Hatta on 19 November.; taking part in the Coast-to-Coast Cycling Challenge from Sharjah to Fujairah held on 19 November; helping out at the office fundraising events such as the bake sale and staff barbeque.

3C Metal is proud to be associated with this life-saving movement that encourages men to stay on top of their physical health and have conversations about mental health.











### **CHARITY SALE TO PROTECT ENDANGERED SEA TURTLES**

3C Metal Asia are supporting a program to help protect endangered sea turtles in Malaysia. The team have been fundraising for the Tengah Island Conservation (TIC) Turtle Hatchery and Monitoring Program.

TIC is a non-profit biodiversity management initiative located on Pulau Tengah, an island within the Johor Marine Park, Malaysia. The TIC scientists are based at the Tengah Island Hatchery and collect data about endangered green and critically endangered hawksbill turtles in strategic partnership with the Department of Fisheries, Malaysia. Their aim is to protect the populations of the turtles and to increase turtle hatchling survival rates.

In October, 3C Metal Asia launched a fundraising campaign in the office and workshop, selling food and drinks to raise money for the TIC program. The sale is open to anyone who visits the site and local suppliers and partners have given generously. The team are passionate about environmental conservation work and finding ways to protect the local marine life of Malaysia.









## FRANCE OFFICE SUPPORTS EDUCATION INITIATIVES FOR YOUNG PEOPLE WITH DISABILITIES

In October, 3C Metal's France office organized a charity book fair to raise funds for a local autism not-for-profit organization, Pau Autisme Béarn. In total, €153 was raised by employees at the book fair. The amount was matched by 3C Metal, bringing the total to €306 (\$350USD).

Pau Autisme Béarn promotes education programs and provides support services to young people living with autism spectrum disorder and their families. The organization promotes change in the education system in France so young people with disabilities are not left behind. Currently, due to a lack of support, 80 percent of young people with disabilities do not continue with their studies after completing their secondary education.

In further support of the education of young people with disabilities, the France office has partnered with the ARPEJEH, an association that provides quality training and education support that will allow them to secure new skills and job opportunities.







## **CHRISTMAS GIFT BOXES FOR PEOPLE IN NEED**

In the lead up to Christmas, the team in France has been collecting shoe boxes filled with goodies which will be given to people in need over the festive period. Instructions are to fill one shoe box with: one warm item; one nice snack; one leisure item; one beauty product; one kind message and anything else.



## **DUBAI OFFICE AND WORKSHOP CELEBRATE DIWALI**

On Thursday 4 November, the office and workshop staff at 3C Metal Middle East held their annual celebration for Diwali – the Hindu festival of lights.

Diwali is celebrated around the world and symbolizes the victory of light over darkness, good over evil and knowledge over ignorance. Staff came together to appreciate the decorations of candles and rangoli in the workshop then

followed it up with a feast of delicious Indian food. Diwali has become a yearly celebration for the workshop and office staff in Dubai.













## USA TEAM COLLECTING CHRISTMAS GIFTS FOR THE MARINE TOYS FOR TOTS FOUNDATION

3C Metal USA has partnered up with the Marines Toys for Tots Foundation this festive season to spread some cheer to underprivileged youths.

The Marine Toys for Tots Foundation, is a not-for-profit public charity that was created at the request of the U. S. Marine Corps in 1991. The foundation is governed by a board of directors, all of whom are veteran marines. The Toys for Tots program collects new unwrapped gifts and distributes them to less fortunate children and teenagers at Christmas.

3C Metal's USA team have been busy supporting the program, collecting Christmas gifts to help bring the joy of Christmas and send a message of hope to America's less fortunate children and teenagers.











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