

3C News



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BELOW: Bruno Collette (left)
with Philippe Boy



For a change, this foreword will not be covering the improving forecast and activity in the oil and gas industry, our recent success with our projects or the groundwork we are making with our diversification actions. Nor will it cover the steps we are currently taking to improve safety across the Group.

This time, I would like to pay tribute to one of the men behind the famous 'C' of 3C Metal. As some may already know, the company name comes from the surnames of the three original founders - which all began with 'C'. One of the founders was Bruno Collette - a man who I had the pleasure of sharing the management of the company with for nearly 15 years.

In the early 1990s, having worked for several years with an oil drilling contractor as a Rig Manager or Country Manager, Bruno decided to embark on an entrepreneurial adventure. This adventure was to create a company in France that would initially be dedicated to piping and structures fabrication for the offshore and onshore drilling industry.

Although there is always a certain degree of risk in business, the initial risk-taking involved with starting a company from scratch is by far the highest. Having joined 3C Metal just after its creation, I was able to share with Bruno many good and sometimes challenging moments

that accompanied its development. After the creation of our first subsidiary in Dubai in 2001, faced with the difficulties of starting our business commercially, there were a lot of shy discussions regarding the possibility of having made a mistake to settle in the area. With hindsight, it was definitely a great success but the first months were difficult and full of doubts.

Throughout 3C Metal's history, which now spans more than 20 years, Bruno instilled a spirit in the company by placing honesty, quality of services and technical expertise at the center of our employees' concerns. From humble beginnings, Bruno helped 3C Metal to become a recognized leader for engineering solutions for the oil and gas industry and, more recently, other areas of the energy sector.

Bruno has gradually withdrawn from his operational duties and officially retired in July this year. He leaves a legacy of major contributions to 3C Metal. It was a great adventure that he shared with us and for which I wanted to personally and publicly thank him. Bruno will remain a member of the board and will always be a source of good advice and support that will help me drive the development of 3C Metal.

Philippe Boy
3C Metal Managing Director
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A WORD FROM THE GENERAL MANAGER OF BELMET MARINE



This year, Belmet marked its 50th anniversary. Throughout the years, Belmet has emerged as a company with a solid reputation for its engineering innovations and achievements across the oil and gas, mining, energy, industrial and marine industries.

In 2018, our focus has been on poising the company for future growth and development. We are continuing to make significant investments in order to increase our productivity and manufacturing facilities and capabilities.

Earlier this year, an investment in a new venture was made by Belmet with the establishment of CINCO Engineering. Officially established in August, CINCO Engineering is an entity that consists of Belmet Marine, Nico's Engineering, Akram Consulting, 3C Metal South Africa and MCM Blasting and Coatings. Each of these companies have a long history of collaboration and working together on various projects. CINCO Engineering aims to draw on the combined knowledge, services and resources of each of the companies and to focus on local projects.

Belmet recently signed a lease for facilities in Cape Town harbor which includes in excess of 4000 square meters of workshop space with overhead cranes and easy access for the load out of large structures from the available berths inside the port. These facilities will bring further opportunities for local and international work in Cape Town's harbor.

In Namibia, our workshop facilities

in Walvis Bay are partway through a two-year expansion project which includes an extension to the existing workshop and also includes a new internal blasting and painting division. The new facilities will significantly increase our capacity for the region.

These investments in our facilities are part of Belmet's commitment to not only respond to the needs of our clients, but to anticipate them and encourage repeat business. Our ongoing work for De Beers Marine is an example of our ability to form long-term client relationships. Recent projects include the development of seven alternative drilling system units, as well as a project for the construction of a subsea crawler mainframe and seabed sampling tool.

In other news, Belmet, together with 3C Metal, is pursuing opportunities for offshore gas project developments in Mozambique. We are actively bidding for work and are in the process of setting up commercial agreements with local companies. We are building track work and hope that Mozambique will represent a new venture for Belmet.

Having experienced some tough years, we are pleased to see an upturn with activity levels increasing for Belmet. We will continue to make investments and pursue ventures that will give us the strongest position for 2019 and into the future.

Jarcu Groenewald
Belmet General Manager

BELMET COMPLETES LARGE PROJECTS FOR DE BEERS MARINE

Belmet has a long-standing and proud history of delivering projects for De Beers Marine. The repeat business is testament to Belmet's ability to deliver turnkey projects to the highest quality.



Belmet has recently been involved in the construction of seven alternative drilling system (ADS) units for De Beers Marine. The units consist of six ADS 600 mining systems and one ADS 500 unit. In addition to the construction of these units, Belmet currently provides the maintenance and refurbishment of the units as they come back from deployment. Belmet also

provides support to De Beers Marine Namibia, using local personnel, for the offshore maintenance of the units. Belmet was also awarded a project this year for the construction of a subsea crawler mainframe and seabed sampling tool, as well as a set of guide legs and structures, for De Beers Marine Namibia's Grand Banks mining vessel.

NEW STRATEGIC PARTNERSHIP FORMED IN SOUTH AFRICA TO DELIVER KEY SERVICES

Five of South Africa's leading engineering companies, including Belmet Marine, have teamed up to establish a new entity that aims to draw on the combined knowledge and resources of each of the companies and to focus on local projects. This entity consists of Belmet Marine, Nico's Engineering, Akram Consulting, 3C Metal South Africa and MCM Blasting and Coatings.

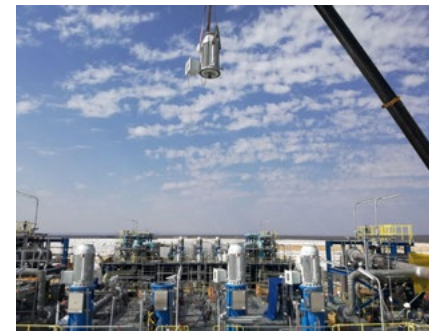
Officially established in August this year, Cinco Engineering offers a full scope of engineering services that draw on the capabilities of the five companies. The entity has recently taken up a lease for facilities in the Cape Town harbor.

Cinco Engineering is focused on undertaking engineering projects in the local marine industry with special emphasis on site installation and turnkey projects that include fabrication. The new entity can offer a scope of work beyond the current capacity of its shareholding companies and will offer the advantage of being in the harbor precinct.



3C METAL SOUTH AFRICA COMPLETES PROJECT FOR THE KATHU SOLAR PARK

3C Metal South Africa have completed an eight month project for the Kathu Solar Park - a 100 MW Concentrated Solar Power (CSP) project located in the town of Kathu, in the Northern Cape Province of South Africa. The plant will supply over 179,000 South African homes with stable electricity during the peak demand period.



The plant uses parabolic trough technology and is equipped with a molten salt storage system that allows several hours of thermal energy storage to make up for the intermittent nature of solar energy.

As part of the construction for the plant, 3C Metal undertook the installation of all piping between the salt tanks (including the instrumentation valves and flowmeters), installation of structural supports and installation of thermal clamps.

3C Metal worked on the systems for the salt lines, nitrogen lines and heat transfer fluid lines. The piping installation involved 11,500 inches of welding with pipe sizes ranging from 0.5 to 24 inches in diameter. With a team of 30 personnel, the project was successfully delivered with no LTIs.

3C METAL AWARDED NEW EPC CONTRACT BY TERÉGA

Teréga has awarded 3C Metal a new EPC contract for the installation of a gas compressor. Located on the Lussagnet storage center in France, this new compressor will complete the three existing AGU compressors.



The project involves the construction of the compressor building and all the pipes necessary for its connection. 3C Metal are undertaking the installation, connection and commissioning of the compressor and the creation of a building to house a high-voltage transformer, as well as the installation of it. The work also involves the creation of a building, the installation of the variator and the creation and development of local instrumentation.

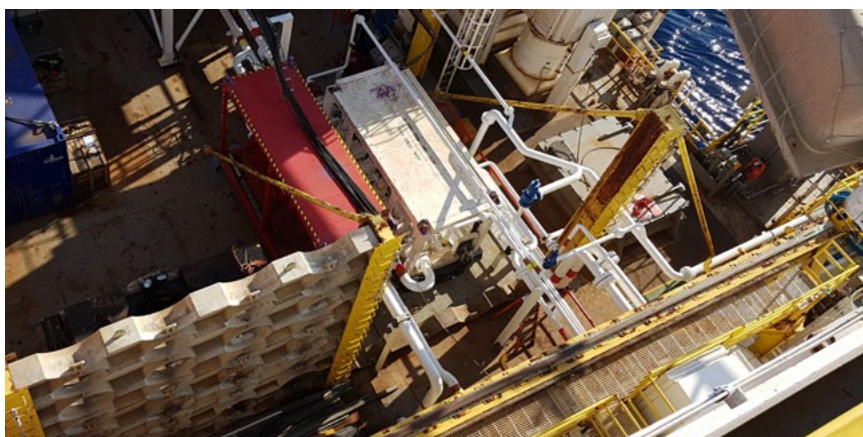
The civil engineering and building work commenced in May this year. The pre-manufacturing pipework operations also

began in May in the workshops of 3C Metal France, and will be completed in late 2018. Onsite piping installation work began in mid-October 2018 for connection to the existing network planned for June 2019. The compressor work took place in the building in November.

The 3C Metal team recently worked on installing the 36" suction and discharge manifolds that will be used to improve the transit capacity of the Teréga gas transport network.

DEEPWATER NAUTILUS WEATHERFORD MPD SYSTEM INTEGRATION

As featured in the previous newsletter, 3C Metal Asia recently completed the integration of a Weatherford MPD System onboard Transocean's Deepwater Nautilus. These are the first images shared of the completed installation.



For this project, 3C Metal demonstrated a full range of services - from surveying and engineering to installation and commissioning. The project required several hundred meters of pipework and 15 tons of structures (including a mezzanine structure for the system) to be delivered within a strict timeframe. The integration onboard the rig was successfully carried out in offshore Malaysia while the rig was in operation. 3C Metal is quickly growing its reputation for full MPD system integrations, delivered on time and to the specific requirements of each client.



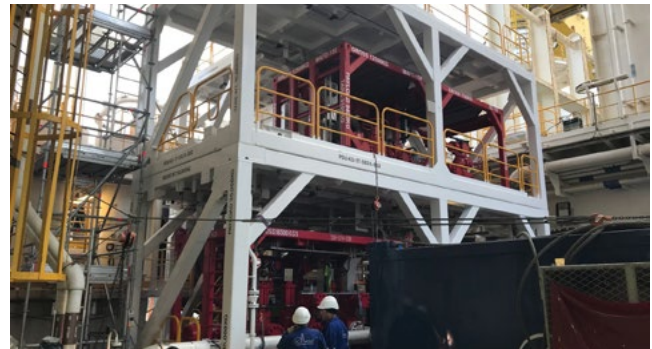
3C METAL SITE SUPERVISOR RECEIVES SECURITY AND SAFETY AWARD

For his efforts on the RGM project (featured in the previous newsletter), Didier Mirassou, Site Supervisor 3C Metal France, was awarded a Security and Safety award from Teréga.

Mr Mirassou received the award in recognition of his ability to prepare and anticipate difficult operations, for demonstrating safety leadership and for his efforts in incident investigation, research and the implementation of solutions to allow for improved safety practices.

3C METAL SECURES MORE WORK ONBOARD TURKISH PETROLEUM'S FATIH DRILLSHIP

Following the successful completion of a managed pressure drilling (MPD) system integration for Turkish Petroleum's Fatih drillship (formerly the Deepsea Metro II), 3C Metal was awarded additional contracts for installation and upgrade work onboard the drillship.



Earlier this year, 3C Metal completed a project for a semi-permanent modular MPD system for the Fatih drillship using four DNV 2.7-3 modules. The project involved the full system integration including the installation of the required hydraulic, pneumatic and electrical connections to fully install the system. All the work was approved to DNV drilling (DNV-OS-E101) and MPD notations. The installation was completed within a six week period with an average of 33 personnel onboard the rig.

After the completion of the MPD installation for TPAO, 3C Metal secured additional work onboard the Fatih for Schlumberger. This work was for the structural, piping and electrical installation for an M-ISWACO zero discharge system

which included the following equipment; cuttings treatment, six 30 ton ISO tanks aft of the moonpool, a centrifuge with a removable hatch for the mud process module, a skip station and CCBs.

3C Metal carried out further work for TPAO including the installation of low pressure and high pressure piping, minor structures and electrical work, SPS rig activation assistance and two ROV installations.

All of the projects were delivered safely with zero incidents. This was achieved at a time when there were more than 300 rig personnel and subcontractors onboard the drillship, and with SPS activation work and rig operations being carried out.

TWO 3C METAL TEAMS RACE IN THE '24 HOURS CYCLING OF LE MANS 2018'

France's Circuit de La Sarthe at Le Mans is well-known for the motorsport race, the 24 Hours of Le Mans. However, every August it hosts one of the country's biggest cycling challenges. This year two teams representing 3C Metal took part in the challenge called the 24 Hours Cycling of Le Mans.



The event attracts avid cyclists from around the globe and takes place on the Bugatti Circuit which sits within the main track, and is 4.185km long. The goal is for teams (ranging from one to eight people) to cycle as many laps of the circuit as possible in 24 hours.

This year the event took place from 25 to 26 August. 3C Metal sponsored two teams, both of which comprised of 3C Metal employees and associates of 3C Metal.

The first team was a duo, Matthieu Sapin and Laurent Naegelen, who placed 21st out of 37 teams in their category. Together they covered a distance of 807.71km with a best lap of 5 minutes and 41 seconds. Team number two comprised of Dejan Zigic, Loic Geneau, Pierre Blanchard, Hugo Lasserre and Damien Secco. The team placed 135th out of 181 teams in their category, covering 778.41km with a best lap of 6 minutes and 1 second.

Both teams competed to raise funds for the ARSEP Foundation,

a French charity that funds Multiple Sclerosis research. With support from local sponsors, a total of nearly 2000 Euros was raised for the charity.

Pierre Blanchard, of 3C Supply, said taking part in the event was both exhilarating and exhausting.

"This is the second year that I took part in the event. This year was particularly challenging because of the windy weather conditions, but the biggest challenge I would have to say is against yourself," Mr Blanchard said.

"It takes a lot of training to prepare yourself physically and mentally for this type of endurance test. In the end it was a really good experience to share with the guys. Everyone did their best, pushed themselves to get a good result and all for a good cause," he said.

Mr Blanchard said he hopes the teams' efforts have inspired others from 3C Metal to take part in the event next year.

BELMET'S ANNUAL CHARITY EVENT A HUGE SUCCESS

Belmet's annual charity event, the Albert Frost and Kids Charity Auction, has raised R211,000 (\$US15,000), all of which will help to fund local community projects in Cape Town, South Africa.



The charity auction was held in late July at Kronendal Boutique Winery in Durbanville, Cape Town. The name of the event comes from the long-time event partner - South African rock-blues musician, Albert Frost, who performed at the event, alongside children from the Kronendal Music Academy.

Each of the chosen beneficiaries is a community initiative that involves music or sport for children. Belmet Managing

Director, Pieter Kroon, said the motivation behind the event is the belief that music and sports activities help instill discipline, perseverance and encourage children to show commitment. Mr Kroon extended a heart-felt thank you to the event's sponsors, buyers and service providers for their continued support.

BONDING OVER BOWLING



The 3C Metal Asia team got rolling for their end of year team building event. Without time to spare, the crew got together for some tenpin bowling at Daiman Bowl in Johor Bahru.

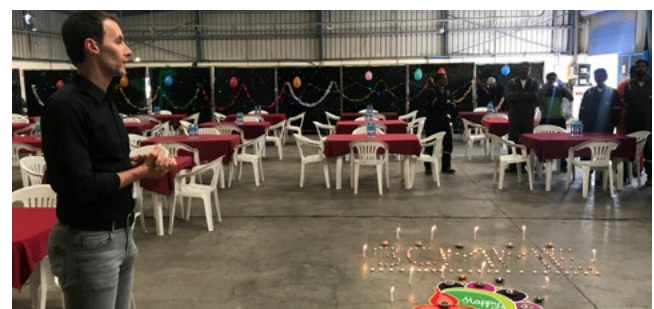
Operations Manager, Jordan Laurans, proved that bowling was right up his alley, striking lucky and winning two of the games.

DIWALI CELEBRATION AT 3C METAL MIDDLE EAST

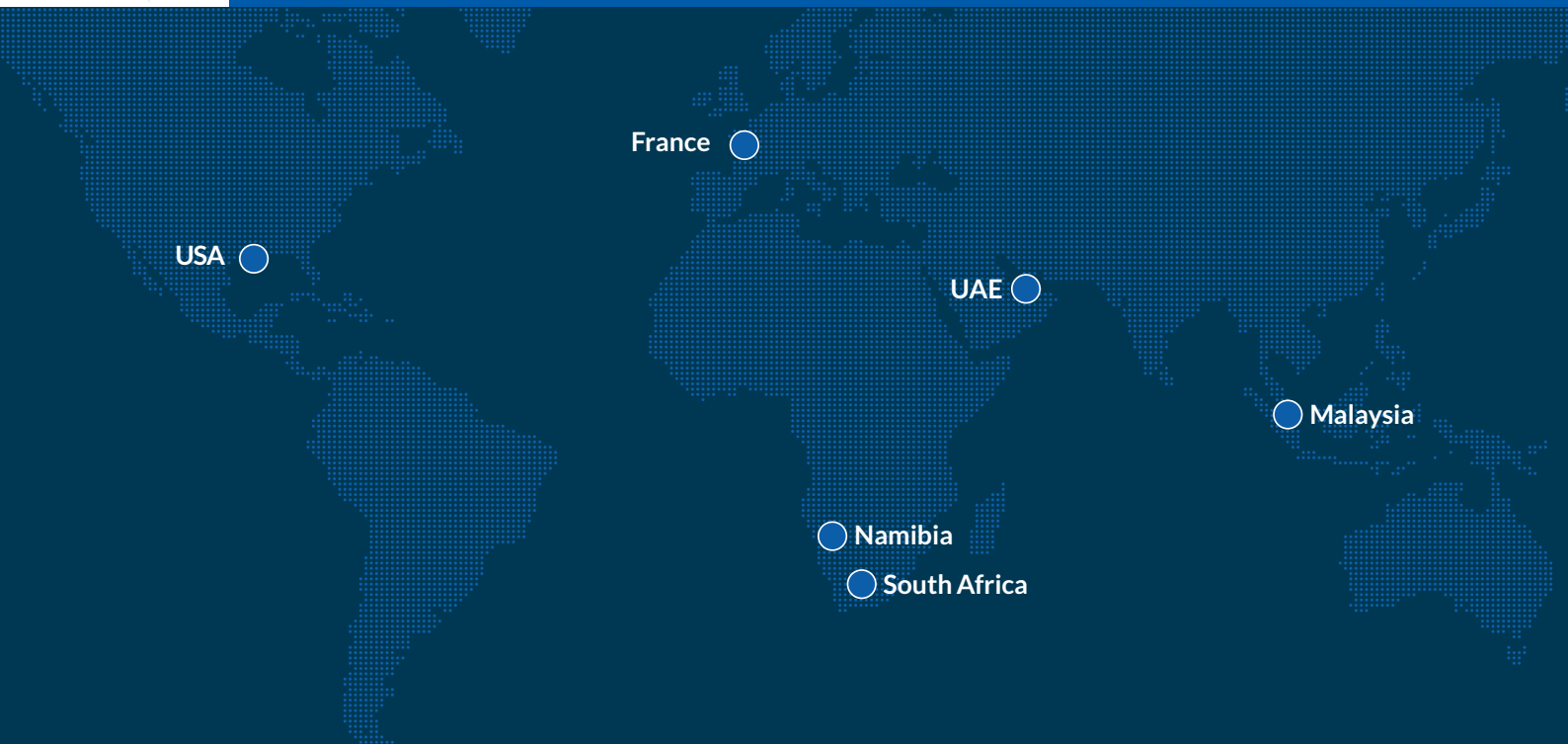
On 8 November, 3C Metal Middle East celebrated Diwali, the Hindu festival of lights.



Diwali is celebrated around the world and symbolizes the victory of light over darkness, good over evil and knowledge over ignorance. To embrace the Diwali spirit the Middle East



workshop was decorated with candles and rangoli artwork. To top it off the team enjoyed a delicious Indian feast for lunch.



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