

3C News

3C METAL AND BELMET FORMALISE A SHAREHOLDING RELATIONSHIP



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A WORD FROM THE MANAGING DIRECTOR



“Our ability to deliver to high quality and safety standards is underscored by a drive to develop a wider range of skills and technical competencies.”

Despite continued challenges in the Oil & Gas sector, a focused strategy has allowed 3C Metal to perform well by emphasizing service delivery to existing and potential clients.

Our ability to deliver to high quality and safety standards is underscored by a drive to develop a wider range of skills and technical competencies. This reinforces our ability to work effectively and cost-consciously and has helped maintain existing relationships as well as attract new business opportunities.

We will actively pursue future growth opportunities for the company through diversification. Our current services, expertise and geographical footprint will help us to penetrate into new sectors such as renewable energy, power generation and mining, which are all strategic targets for the future.

But most significant for our future development, particularly in Africa, is the decision to take a majority shareholding in Belmet Namibia and Belmet South Africa. I believe this will translate into positive growth and create further strengthening of the group.

The decision to acquire a shareholding follows our long history of successful collaboration and joint ventures with Belmet. The 3C Metal investment through a capital increase will help drive future long-term expansion plans in South Africa and Namibia.

The heavy fabrication capabilities of Belmet are a perfect complement to our core services. Together we can cater for a wider range of services and provide a larger breadth of expertise. In addition, the opportunities for employees within the context of the two entities include greater prospects for movement, knowledge sharing and training.

Clients will also benefit from additional cost savings resulting from the mobilisation of shared resources and personnel. These advantages and the benefits of our footprint in France, UAE, Malaysia, South Africa and Ghana will be clearly communicated and marketed. There is no other company in Africa that can offer the full scope of what we can at the moment. This includes site surveys with 3D laser scanning; engineering (calculation notes, 2D and 3D modeling and design); sourcing and procurement; prefabrication from six strategic locations; inspection services and installation on site (offshore and remote onshore).

I believe we are in a strong position going forward as we react quickly to market forces in order to develop the skills and services that are required.

Philippe Boy
Managing Director

A WORD FROM THE 3CMME GENERAL MANAGER



While the major news for the 3C Metal Group over the past 6 months is undoubtedly the investment in Belmet Marine and Belmet Namibia which has resulted in an unprecedented external growth for the company, it is an understatement to say that market conditions remain challenging. As drilling operations started to be scaled back and contracts were shortened or even cancelled in response to weak oil prices, we saw the pace of contract awards slowing rapidly, a trend which still persists despite the barrel having picked up to healthier levels between Q1 and Q2 2016.

However, 3C Metal is weathering the storm.

Ongoing projects on the EnSCO DS-8 in Angola (page 6) and in Congo for TOTAL, Atlantica, MI-Swaco (page 7) and Vantage are a testament to our resilience. Recent contract awards from Seadrill (West Eclipse), Weatherford (Bolette Dolphin) and Pacific Drilling (Pacific Scirocco) is further evidence that there is still a demand for the services 3C Metal has to offer, despite the slowdown.

Our activity is also healthy in the Far East with 3C Metal Asia being awarded contracts on the EnSCO 5006 (page 11) and more recently on the Noble Bully II and Transocean Jack Bates, and the team are actively bidding on a several upgrades and post-delivery scopes in the region.

More than ever, our Engineering capability and experience is allowing us to offer cost effective solutions to clients who are extremely cautious when it comes to capital expenditure.

Finally, in a positive step to allow us to expand our activity in the Gulf Region, 3C Metal Middle East has entered into an agreement with Gulf Energy in Saudi Arabia, which will open opportunities in the Kingdom. We are about to deploy people in country for upcoming projects in August this year.

Yannick Damry
3C Metal Middle East & 3C Metal Asia

A WORD FROM THE BELMET MANAGING DIRECTOR



Belmet and 3C Metal formalise a shareholding relationship

Yes, after many years of collaboration and various discussions, Belmet is very excited about the new venture and a more formal relationship with 3C Metal. Preliminary discussions started in early 2000 when Bruno Colette first visited Belmet. These discussions were finalized some 16 years later, with the 3C Metal Managing Director, Philippe Boy.

We have done many joint ventures between Belmet and 3C Metal (projects such as Saxi Batuque, South Coast Gas Development and recently completed TEN Project to name a few) and I believe we can only grow into a much stronger unit offering our existing, common and new Clients with more comprehensive solutions and turnkey offerings on diversified projects.

3C Metal Group has always been more than a Client and partner to Belmet and with this new investment from 3C Metal into Belmet South Africa and Belmet Namibia, we believe we can create a significant and unique partnership that can grow and create opportunities for all stakeholders, employees and Clients.

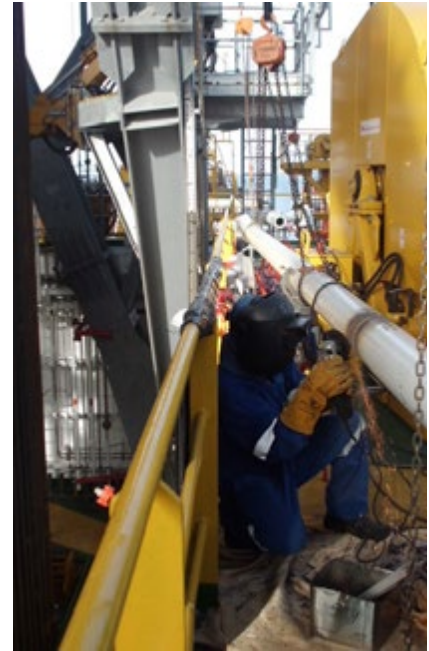
This venture also offers our current employees (Belmet & 3C Metal) more international growth opportunities in their respective field of expertise and could open the door for gaining experience in new diversified service offerings.

Companies are built around people, people of integrity, honesty and a common goal to excel in their work environment and in their personnel life, as long as we could offer them the opportunity and means. I believe Belmet & 3C Metal are these companies and by combining our expertise, we will become stronger- and the more respected market leaders.

Pieter Kroon
Belmet Marine

SEADRILL WEST JUPITER

3C Metal has been involved with a substantial amount of Rig upgrades on the Seadrill West Jupiter, a 6th generation DP3 drillship from Samsung Heavy Industries, for contractual requirements for both TOTAL and Seadrill prior operation offshore Nigeria in the ultra-deep water field of EGINA. In 2016, 3C Metal have achieved 10,000 man days onboard with no LTI's.



In January 2014, 3C Metal was contacted by Seadrill to review the upgrade requirements requested by TOTAL UPSTREAM NIGERIA LIMITED to operate the Seadrill West Jupiter in the ultra-deep water field of EGINA, offshore Nigeria. After several surveys in the Samsung Heavy Industries shipyard in Busan, South Korea, 3C Metal was awarded 10 major scopes, among them the integration of the IWOCs equipment from FMC, the integration of the Cutting Treatment System from MI SWACO, the setting up of the remotely operated Cement Unit from HALLIBURTON and the installation of various HP lines such as the Gravel Pack Line from its dedicated Hose Hanger to the Drill Floor.

As the project evolved, 3C Metal was awarded over 40 work scopes for TOTAL and over 20 work scopes for Seadrill. These scopes went from the integration of the GEOSERVICES Mud Logging cabin (electrical hookup to rig power, utilities and network through 3C Metal's electrical partner ELECTROWAVE and installation of a removable protection frame extending the length of the STBD Transfer Deck) to the installation of

a BAUER Nitrogen Generator and of its dedicated O2 alarm sensors within the Subsea module (using ¼" Stainless Steel tubing and Swagelok fittings) not to mention the creation of an insulated and air-conditioned laboratory for the Mud Engineer within the Mud Module. On the Engineering side, this project proposed some good challenges such as the extension of the width of the STBD Transfer Deck by 2.5m along its full length. Among all the scopes awarded, 16 scopes required important Engineering studies were reviewed and approved by the classification authority (ABS).

To achieve the installation of these scopes 3C Metal spent more than 10,000 mandays onboard the Seadrill West Jupiter with no LTI's over a period of one and a half year. The time needed for the drillship to reach its operating location was well optimized, 46% of the mandays were spent during the transit between South Korea and Nigeria. There was an average of 77 pax from 3C Metal and Electrowave onboard the West Jupiter during the 60 day transit which started on the 25th of September in South Korea and ended on the 24th

of November 2014 in Nigeria. The peak was reached during the voyage between Mauritius and Walvis Bay, Namibia with 88 Pax onboard. This optimization of the transit time allowed the completion of the critical work scopes prior to the beginning of operations and the outstanding 54% of the man days were then spent over 16 months with an average POB limited to 11 PAX which could work without standby during windows determined by drilling operations. The following trades were represented within the team deployed onboard: Project Manager, Supervisor, Rope Access, Welder, Fitter, Scaffolder, Painter, NDT Inspector, Electrician and Accommodation artisan.

The successful completion of this project was possible thanks to an important preparation at the design phase and the full commitment of the 3CMME, 3CMSA, BELMET SA and BELMET Namibia workshops which allowed to ship prefabricated structures and piping lines on time to meet the rig passage in its different ports of transit: Busan, Singapore, Mauritius and Walvis Bay and later on to meet the deadlines dictated by the operations in Nigeria.

ENSCO DS-8

After a successful project on the ENSCO DS-7, 3C Metal was awarded major Rig upgrades on the ENSCO DS8 from SHI for TOTAL E&P Angola prior drilling operations in Bloc 32 offshore Angola.

In November 2014, after a successful post-delivery project on the ENSCO DS-7, 3C Metal was contacted by ENSCO to look at the potential upgrades needed by TOTAL E&P Angola to operate the ENSCO DS-8 in Bloc 32 offshore Angola. The 3C Metal project team visited the team several times at the Samsung Heavy Industries shipyard to survey and help define the scopes to accommodate the different third parties contracted by TOTAL. A 3D Laser Scanning survey was also performed to allow 3D modeling of the existing structure and clash checks of the equipment to be installed.

3C Metal supplied more than 100mT of structural steel in order to install the structures required to accommodate the various equipment packages. Among others, the following scopes deserve to be highlighted:

- The design, class approval, prefabrication and installation of 7 removable bridges located on the Riser Gantry Crane Structure on their AFT side and on the rail of the BOP Gantry crane on their FWD side. These bridges provide an additional 130 square meters of deck space with a load bearing capacity of 1mT per square meter and are an ideal location for the HALLIBURTON Completion spoolers. The new design feature of these bridges, allowing them to be stackable, was also a greatly appreciated feature as it allows for the stacking of all 7 bridges on their Port side receptacles while running the BOP.

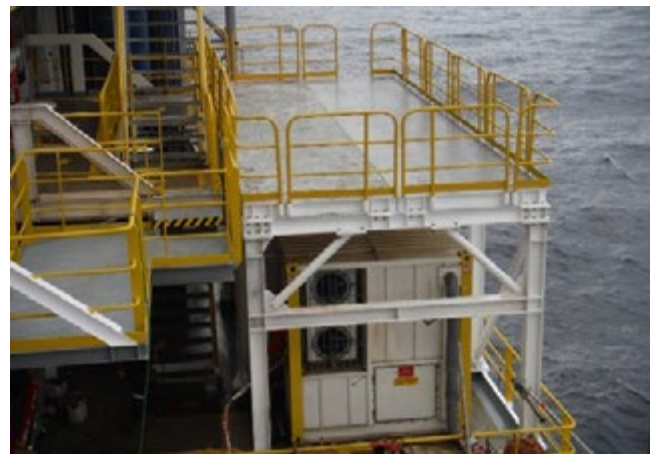


- The integration of the HALLIBURTON Zero Discharge system was another important challenge: with more than 20 equipment components to be installed as part of the package, including 9 HCB silos weighing up to 32mT each. The objective was to optimize the deck space as much as possible. This was successfully achieved with the installation of all the units of the Thermomechanical Cuttings Cleaner (TCC) and of two HCB silos underneath the Riser Catwalk – a location usually not used due to its limited crane access.

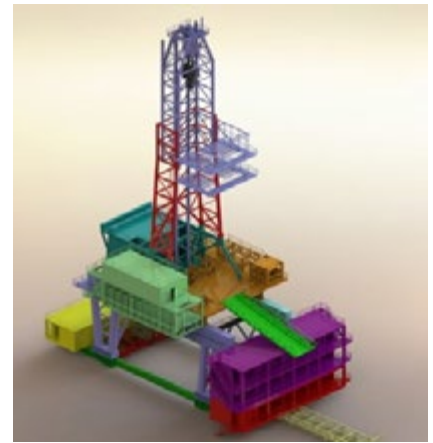
- The design, prefabrication and installation of a Blast Wall around the Choke and Kill Manifold: this Blast Wall was requested by ENSCO to allow them to continue operating on the Drill Floor while pressure-testing the C&K Manifold.

The deployment, which is still ongoing, is expected to pass the mark of 10,000 man-days by the end of July 2016 with no LTI's recorded so far. It started with a short mobilization in June 2015 while the rig was still in South Korea and continued with the deployment of up to 41 pax in the Singaporean Shipyard. Since then there have continuously been 3C Metal personnel onboard, the current focus being the integration of the Well Test equipment from EXPRO.

This project has been a success to date, in great part thanks to the worldwide sourcing and prefabrication capabilities of 3C Metal: the coordination of 3C Metal Asia, 3C Metal Middle East, 3C Metal South Africa and BELMET Namibia as well as the Project Management and the Logistic Coordination allowed the 3C Metal team onboard to meet the tight deadlines of TOTAL E&P.



ATLANTICA DELTA



After two successful projects for TOTAL E&P Congo, 3C Metal is developing its activities in Congo by supporting ATLANTICA and TOTAL in their operations.

After the successful completion of the upgrades required by TOTAL E&P Congo on the OCEAN RIG APOLLO and on the VANTAGE TUNGSTEN EXPLORER, 3C Metal is proud to again be part of the Moho Nord Field development, this time onboard the Semi Tender Assisted Drilling and Tension Lift Platform (TLP) project. The ATLANTICA DELTA, a semi tender with a drilling package (STAD) built by the Dalian Shipbuilding Industry Offshore Co. shipyard in China has been awarded a contract to operate together with the TOTAL MOHO NORD Tension Leg Platform built at the Hyundai Heavy Industries shipyard in South Korea. 3C Metal started to provide assistance on the project when the STAD arrived

in Congo in February 2016. The operations started with upgrades performed onshore on the Mast Equipment Package (MEP) and are now continuing offshore with support given to ATLANTICA, MISWACO and TOTAL during the rig up of the MEP on the TLP.

Before this project kicked off, 3C Metal took the decision to register a local entity in Congo. This decision combined with the permanent presence of a Project Engineer in country since the beginning of the operations allow 3C Metal to provide the best support to its local clients.

MI SWACO MODULAR PACKAGE SYSTEM

3CMME awarded the engineering and fabrication of elements of MI Swaco Modular Package System for Congo.



In January 2016, 3C Metal Middle East was awarded the engineering and fabrication of two elements of a MI Swaco Modular Package System. The package consisted of two skids: one Dryer Module and one Centrifuge Module. Both of these were delivered to Congo to be installed on Total's

Tension Leg Platform which was recently delivered and commissioned by Hyundai Heavy Industries.

Positioning 10.5 tons of equipment on two levels on each skids with predefined dimensions proved to be more difficult than was initially thought. The DNV 2.7-1 (Standard for Offshore

Containers) compliance requirement added some additional challenges for the engineering team.

The output was a compact design, with each skid measuring 5.6 meter long by 3.5 meter wide, and 4.6 meters high. These modules were manufactured and tested as per DNV 2.7-1 at 3C Metal Middle East's facility in the Jebel Ali Free Zone. A DNV surveyor reviewed the complete manufacturing process and witnessed the load and drop tests.

The Skids were then sea freighted on a special 40' flat rack container and delivered to Pointe Noire in Congo.

The project was completed and dispatched to the destination in early March 2016 and the final installation of the equipment as well as the interconnecting piping and electrical connections were completed by MI Swaco in the country.

3CMME GRANTED ITS API-16C MONOGRAM LICENSE

During the last re-certification Audit of 3C Metal Middle East's API Q1/ISO 9001, it was decided to also apply for API-16C Monogram License – for the Fabrication of Rigid Choke and Kill Lines.

There has been a recent trend in the industry, especially linked to Saudi Aramco's Well Control Manual and Schedule-G requirements, to have all Rigid Choke and Kill Lines comply and be monogrammed API-16C. This provides Operators with a higher level of confidence that their critical HP Piping Systems are designed, manufactured and installed to the highest relevant industry standards.

3C Metal Middle East decided to take on an R&D program to create a mock spool piece and go through all of the stringent Material, Testing, Inspection and Documentation process in order to ensure all requirements could be achieved and maintained in a reasonable time frame. The stringent requirements also added significant additional factors in the Quality Manual and the level of recording and documentation that were put in place. Overall it was a successful project and it provided the team with the confidence to move forward with the API Monogram application.



On the 22nd of June, 2016, 3C Metal was granted its API-16C Monogram by the American Petroleum Institute, with an API Composite Number 16C-0384.

3C Metal Middle East can now offer clients with a full turnkey solution for the Design, Fabrication and Installation of API-16C Monogrammed Rigid Choke and Kill Lines.

For more information, please contact Mr. Vaman Navelkar of 3C Metal Middle East: vnavelkar@3cmetalm.com

3C METAL MIDDLE EAST ENTERING INTO AN AGENCY AGREEMENT WITH GULF ENERGY

In June 2016, 3C Metal Middle East FZE has signed an Agency Agreement with Gulf Energy in Saudi Arabia.

Saudi Arabia has the second largest proven oil reserves in the world and its Oil and Gas related industries and activities have remained strong during the downturn, mainly thanks to a relatively low cost of extraction, refining and production. Even if 3C Metal has been present in the Middle East since 2001, Saudi Arabia has always been a difficult market to tap into mostly due to limitations to deploy personnel in the Kingdom.

We are excited about the potential and believe that 3C Metal's expertise and Gulf Energy's local support network and client base are an ideal match to start expanding our activity in the region.



TIGF AWARDED 3C METAL AN EPC CONTRACT

3C Metal project at Lussagnet, Southern France



At the end of 2015, TIGF awarded 3C Metal an EPC contract (Engineering, Procurement and Construction) for their new Dehydration Unit situated on the site of Lussagnet, near Pau in Southern France.

The objective of the project was to proceed with an upgrade of the units of gas treatment by the addition of a column of dehydration and its separator gas / TEG downstream to increase the processing capacity of Lussagnet.

This challenging project included the detail design and construction of the complete unit which included different functions such as:

- Gas counting and analyzer
- Different valves such as ROV, SDV, HCV
- Safety valves
- A building for pumping station TEG

3C Metal managed the interdiscipline Engineering and Construction Project including piping in compliance with French Government standards, civil works, instrumentation, electricity,

automatism and communication of the site.

The site will be commissioned at the end of September with a startup planned at the end of October 2016.

Works include:

- 220 m 24 inch pipe & 900 m 1 to 12 inch pipe erected inside a gaz plant unit in service
- 8 000 hours of prefabrication
- 18 000 hours on site (sub-contractors included).

TIGF-PSAIRE-3C METAL FRANCE OVERHAULS GAS TRANSPORT GRID

3C Metal has successfully revamped a gas transport grid – the main objective was to set up gas filtration, counting and analysis parts.



It included work packages with different functions such as:

- Gas counting and analyzer
- Gas coalescing separator

3C Metal managed the whole project from detailed studies to gas counting exploitation. This multidisciplinary project included:

- Piping
- Civil works
- Electricity
- Instrumentation
- Communication
- Environmental decontamination

3C Metal achieved each milestone on time and delivered the quality that was

expected by the customer.

The installation was successfully started-up on 7th June 2016 and 3C Metal is now decommissioning 4 12" pipelines 1 kilometer long by cementation.

This project included: 3000 hours of prefabrication and 2000 hours on site installation.

XINA SOLAR ONE PROJECT

3C Metal South Africa enters into the renewable energy sector with works on the XINA Solar One Project.



An exciting new development for 3C Metal South Africa was our entry into the renewable energy sector after a contract was obtained from a Spanish contractor (Maracof) for assistance with the site installation and welding of the HTF (Heat Transfer Fluid) piping on the XINA Solar One Plant in Pofadder in the Northern Cape, South Africa.

3C Metal SA was contracted to provide assistance during the completion phase of the HTF piping and provide fittings for the pressure testing. The work was successfully completed without any weld defects and with a completely clean safety record. 3C Metal managed to mobilise the complete team plus

equipment to the site in record time to assist the client with challenging project completion deadlines.

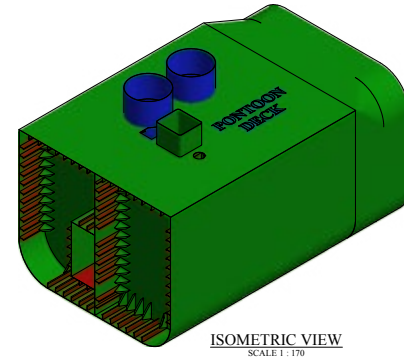
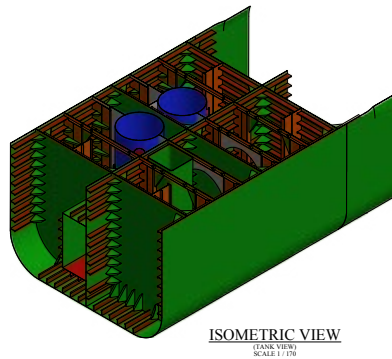
Xina Solar One is a 100 MW parabolic trough plant with a five-hour thermal energy storage system using molten salts. The plant is one of 3 Solar Plants in South Africa managed by the Spanish company, Abengoa.

3C Metal is hoping for further opportunities within the renewable energy sector. In particular, with further CSP (Concentrated Solar Power) projects in the Southern African Region, with both parabolic trough and solar tower power plants requiring vast amounts of specialised piping.



PROJECTS COMPLETED ONBOARD THE ENSCO 5006

3C Metal was involved in a variety of work scopes onboard the E5006 in Australia.



The project included some usual modifications like the replacement of an existing dedicated portable water line for the BOP HPU from Carbon Steel to Stainless Steel 316 as well as design, supply, fabrication and onsite installation of a 7.5m³ tank for BOP Fluid storage.

However the main achievement was clearly to complete several repairs on the Ballast Tank while the Rig was still in operations. 3C Metal was involved in all aspects of the scope. It started with a survey onboard for us to assess the conditions of tanks as well as a sequence to bring material, equipment and people inside those confined spaces.

3C Metal then prepared detailed repair drawings which were reviewed and approved by ABS.

Material and equipment were prepared from our workshop in Malaysia and shipped to the Rig Offshore, Broome. Installation was then completed safely and on schedule.

A very strong emphasis was put on the safety aspects of this unusual project, 3C Metal was part of the HAZID Study which took place to ensure the installation plan was carried out with limited risks.

In general a very successful project that was completed within an extreme working environment.

3C METAL INTEGRATES A NEW FUGRO ROV

Early this year, 3C Metal was selected to integrate a new FUGRO ROV onboard the Maersk Venturer.



The process began with the manufacturing of several access platforms and foundations in our Johor Bahru (Malaysia) workshop. The drawings were reviewed in detail to maximize prefabrication and subsequently optimize the onboard installation. The manufactured items were transported to Singapore and a team mobilized for the installation at anchorage.

The installation was deemed successful with the integration of the structures being completed in 14 days, by our highly skilled 3C Metal installation team.

Upon completion the ROV was successfully load tested by FUGRO with NDT being done before and after the load test. The overall installation has been reviewed and approved by ABS.

ONSHORE RISER INSPECTIONS IN LUANDA

Rig maintenance program in Angola for Transocean



The Transocean Discoverer Luanda (DSL) currently operating offshore in Angola was recently required to have some of the drilling riser joints inspected, as part of the rig maintenance program.

GE Oil & Gas as the OEM of the DSL drilling riser joints contracted 3C Belmet Services (3CBS) to carry out the 5-year inspection of twenty seven (27) HMF-G type riser joints at the Transocean onshore base in Luanda.

3CBS deployed a team of Quality Control Inspectors in May 2016. The riser joints were prepared (partially stripped and blasted) by Transocean ahead of 3CBS team's arrival. The 3CBS team worked hand in hand with the Transocean production team as part of the maintenance program.

The 3CBS Inspectors performed the visual, dimensional, and NDT (MT, PT and UT) inspections as per the OEM specifications. The inspection report packs were submitted daily to GE and O&G engineering departments in the UK for disposition.

As the inspection scope of work was completed ahead of schedule, the 3CBS team worked on the excavation of indications found on some main tube root welds and documented it (the excavation is normally carried out at the repair stage of the recertification).

The inspection was successfully completed in 15 days, with no lost time injuries and illustrating the capacity for 3C Belmet Services to deploy inspection services on client's onshore bases.

SEADRILL WEST ECLIPSE

Diverter Packing House Hydraulic Stab Ports Repair



During the Seadrill West Eclipse shipyard in Walvis Bay, Namibia (Q1-2016), it was established that the Open, Close and Flow Hydraulic Stab Ports of the Diverter Packer Housing had repair requirements. Seadrill approached GE Oil & Gas and 3C Belmet Services to tackle the repair which fell over the shipyard's critical path. The repair could not be carried

out in Namibia. The Diverter was urgently sent down to Cape Town, where 3C Belmet Services successfully carried out the repair helping the client to maintain its schedule. The repair to ports involved tactical rough machining and cold weld overlay of Inconel 625, high tolerance machining and associated non-destructive testing.

SAIPEM 10000 TJ

The Saipem Telescopic Joint (TJ) came in from a 3rd party in a pre-disassembled state in early 2015. From this starting point the dedicated 3CBS personnel endeavoured to track items and service the TJ.

The repairs included some challenging items: A full rework of the packer housing sealing areas. A replacement of the pins and composite repairs (8630 build-up followed by 8630 to S355 fillets) to the gusset areas of the terminations. The finishing of the inner barrel after repairs with a newly in-house designed tool.

The scope of work and documenting are the most extensive that 3CBS has encountered on a TJ to date. Despite a few challenges the recent technical development in the group assisted us to make this project a success. It also shows that 3CBS is definitely a place to consider in that region of the globe for recertification and repair of complex capital drilling equipment.



DOLPHIN BOLETTE TJ



The Bolette Telescoping Joint (TJ) came in for minor disassembly and a reduced 5-year inspection. The inspection was completed timeously and additional scope was requested by Dolphin Drilling. Repairs required included the Fluid Assist Bearing (FAB) Housing and the Piston.

The FAB housing is Inconel inlayed and 3C Metal has recently developed a cold welding Inconel procedure that we have utilised here. At present the part is in final machining and it appears that the repair was a success.

The Dolphin Bolette TJ has a schedule for repairs/spare supply/coating/assembly/testing of 8 weeks. We are currently on schedule for a successful completion at the end of July.

3C METAL COMPLETES REPAIRS



Repairs finished on 15 Auxiliary Riser lines for the DD-1

3C Metal has completed the repair of 15 Auxiliary Riser lines for the Transocean Development Driller 1. The project was carried out in Sonils, Luanda, during February and March 2016.

The extensive works including fitting, welding, NDT and post-weld heat treatment of Kill, Choke and Booster lines. Following on from this, in June 2016, pressure testing was carried out, once the client had supplied Pressure Test fittings.

As part of the project 3C Metal prepared a DNV offshore container with equipment required to perform the works. This included welding machines, power tools, PWHT machine, Pressure Test equipment and NDT equipment.

In an effort to reduce the number of personnel onsite, the team was made-up of multi-skilled personnel, which included Fitters/Technicians, Qualified Welders and a QC/NDT inspector.

3CMSA INVESTS IN THE FRONIUS FPA 9000CC



Working towards ensuring high quality cladding consistently

3CMSA has invested in the Fronius FPA 9000CC, which is a hot wire GTAW-P compact cladding cell which is fully automated and programmable to ensure efficient high quality cladding consistently. The turntable has a load capacity of 1.5 tons and 1m diameter. Interchangeable welding torches increases the capabilities of the machine to clad components in the 1G and 2G positions. The compact torch is capable of internally cladding very small bore components where access is not sufficient for manual processes. The welding sequence is fully programmable to allow the cladding of intricate and complex geometries. Currently we have achieved several cladding qualifications with Inconel 625 as per ASME IX, in compliance with very stringent manufacturing codes including NACE MR 0175 and Corrosion testing at 40C. This allows us to manufacture new components or carry out cold repairs on existing parts. Ongoing development of hard-facing with Stellite 6 and corrosion overlay with 316L Stainless Steel wire.

Due to the process being fully automated, 3CMSA can guarantee high quality cladding consistently and efficiently. Components that are ideally suited for this type of cladding includes, but are not limited to, application in the oil, gas and power generation industries.



3C SUPPLY KEEPS STOCK OF 15,000 PSI SEAMLESS PIPE

High Pressure Pipes - High Quality Products – Competitive Prices



To ensure our customer's expectations are met, 3C Supply now stocks 15,000 Psi Seamless Pipes in ASTM A519 Grade 4130 with 3.2 Material Certificates approved by ABS in the below sizes, which could be used on Kill and Choke Systems:

- 3" x 20.0mm WT
- 5" x 25.4mm WT
- 6" x 30.0mm WT

These pipes are manufactured in Western Europe as per 3C Metal technical specifications and in conformance to API 16, with additional NDT that can be organized upon request.

These pipes complete our large stock of pipes in ASTM A519 Grade 4130 and API5L Grade X52 from 2" to 6" Sch XXS. Some of our stock in Grade X52 is also now available with 3.2 Material Certificates Approved by ABS.

All pipe products are stored, sandblasted and primer coated and can be cut upon request, packed and shipped by airfreight or Seafreight through our logistics services.

As 3C Supply arranges the production of pipes directly with the mills and in large quantities, this allow us to offer the most competitive prices in the market.

CAMERON VALVES AVAILABLE WITH SHORT DELIVERY TIME



3C Supply is an authorized Cameron Demco major distributor for Demco Mud Gates Valves and Butterfly Valves. Stock is available at all 3C Metal locations and we can also supply others Cameron Demco valves with short delivery time. Spare parts, repair kits for annual maintenance requirements are also available in our stock or with short delivery time.

3CM SOUTH AFRICA/ 3C BELMET SERVICES

The Safety Ambassador Award will recognise outstanding performance of employees

As part of the Health, Safety and Environment (HSE) programme one employee each month will receive the Safety Ambassador Award. This is in recognition to the person that has stood out above the rest of their peers and outstanding performance in regards to HSE for the month.

The recipient will be given a certificate of award and a cash voucher for his achievement in the presence of his peers and management.

The criteria used to determine the monthly HSE Ambassador includes the following:

- Prevents an accident or injury
- Increased employee safety awareness
- Directly influenced the safe completion of a job/project
- Increased employee/workgroup safety knowledge
- Contributed to safety in the work area
- Directly served a department or projects safety goal
- Enhanced the safety of others
- Demonstrated Safety Leadership
- Contribution to the stop card programme

The Safety Representatives, Safety Officer's Supervisors and the Site Managers are all involved in the selection of the Safety Ambassador for the month.



NEW SAFETY MILESTONE

1 million man-hours LTI (Lost Time Injury) Free



Managing safety is never an easy task, and unless you have a 100% committed management it is almost impossible to get good results. 3C Metal is a shining example in this respect. Similarly even with all resources available, without everyone's engagement we would never get this far. This is a team



achievement which includes Project Managers/Engineers and Supervisors, the Head of all departments and especially every employee in all areas and in all projects. **Congratulations to everyone on this achievement. Please keep putting safety first.**

3C METAL SOUTH AFRICA



To mark the end of a successful year staff from 3C Metal SA had the chance to enjoy a team building fun day as part of the company's annual end of year celebrations on 15th December.

Staff got into the competitive spirit and

were divided into teams to compete for medals in activities including Tug of War, Soccer and Mechanical Bull Riding.

The team enjoyed the day and it was evident that the 3C Metal SA team don't only work well together, but can also

have fun competing against each other.

The day ended with a delicious dinner and an entertaining prize giving ceremony that included lucky draw prizes for staff.

3C METAL MIDDLE EAST TRAINING DAY

Learning about new technology in more detail

3CMME has been actively involved with integrating MPD topside equipment onto offshore drilling rigs as demand for well control has increased. To understand the system in more detail a training course with the company SUBC Engineering was undertaken and it was a great way for staff to learn more. The course gave a great overview and understanding of all the new technology available in the current market that will give us a strong foundation to help the company assist clients in future projects.



3C METAL GROUP WELCOMES NEW EMPLOYEES

The latest senior and managerial appointments

We would like to extend our warm welcome to the latest employees who have recently joined the 3C Metal Group.



Sandrine Wery

Sandrine Wery has joined us in May as Group HR Manager based in 3C Metal France. She has experience in Human Resource strategies and operations in several groups including 9 years in the Oil & Gas Industry which covers: talent acquisition, compensation and benefits, training and development.



Peter Barabas

Peter Barabas, who joins us in May as Lead Calculation Engineer at 3C Metal Middle East. He is a dynamic professional, who has extensive experience leading senior structural projects in France, Netherlands, Norway and Hungary. Peter holds a Master's degree in Civil/Structural Engineering and Chartered Engineer Certification.



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