



# ALTRAD INSIDE

## ALTRAD PROJECTS DIGITAL NEWSLETTER

ISSUE 01/2021

**ABOUT ALTRAD INSIDE (AI)** Over the years, the efforts of each and every member of our teams has resulted in collective success ... success that we have to be proud of. Our group continues to grow and is now an industry benchmark in several sectors. By retaining its shared ambition and unique identity, the Altrad community will be able to overcome the challenges and difficulties posed by our environment. Remember that our success depends on our commitment, cooperation and ability to unite around a set of shared values.

With this in mind, we have created AI, the new internal digital newsletter of the Altrad group. Its purpose is to encourage communication between all members of our community through the promotion of our projects. AI is designed to bring together our teams, which are spread across all continents.

And never forget that you can contribute and be a member of the editorial team by supplying texts and images. Our idea is to provide 4 issues a year. We will keep you posted!

*Antoine Martinez & Bénédicte Carrière on behalf of the PU Communication*

### AFRICA



#### ALTRAD WINS FPU "NKP" SHUTDOWN CONTRACT FROM TOTAL E&P CONGO (JULY 2020, CONGO)

Altrad won a significant project in Congo, with its client Total E&P Congo. This is a major contract for the shutdown of the FPU "NKP", Total's first FPU (Floating Production Unit) in Congo. This kind of assignment always represents a major challenge: it involves several months of preparation (7 exactly) for 26 days of intervention. During this period, Altrad (through its subsidiary Preziosa Congo) and Friedlander changed piping networks and revamped a large part of the installation. The unit shutdown took place on November 1st, 2020, for 33 "oil-to-oil" days (i.e. 4 days of availability, 26 days of work and 3 days of tests, surveys and verifications). In a nutshell, the project represented the erection/dismantling of 20,000 m<sup>2</sup> of scaffolding, the application of 4,000 m<sup>2</sup> of coatings and the installation of 500 m<sup>2</sup> of thermal insulation. And during the month of shutdown, a team of 40 to 50 operators was deployed.



#### ALTRAD IS AWARDED THE FULL PAINTING REFURBISHMENT FOR THE HULL OF THE BONGA FPSO (SNEPCO) (NOVEMBER 2020, NIGERIA)

Early October 2020, ALTRAD Nigeria (PREZICON Ltd) was awarded the full painting refurbishment for the hull of the BONGA FPSO. The 300-metre long FPSO (Floating Production Storage and Offloading), which belongs to Shell Nigeria Exploration & Production Company Ltd (SNEPCO), started production of oil in 2006 and is one of the largest of its kind in the world. Several methods of access have been deployed (rope access, V-deck, UHP robot) to blast and paint this hull since early November 2020.



Altrad Nigeria has been present on the BONGA FPSO nonstop for more than 12 months working on top side modules, water ballast tanks etc. This hull project was a new challenge for our Nigerian team. The project has been planned to run for a period of 6 months.

### AUSTRALIA



#### CONTRACT AWARDED FOR MULTI-DISCIPLINARY SERVICES FOR WESCEF (JUNE 2020, AUSTRALIA) (NOVEMBER 2020, NIGERIA)

In 2020, Altrad Services was awarded a Master Agreement as part of the Wesfarmers Chemicals, Energy & Fertilisers (WesCEF) maintenance panel to provide services to multiple locations including its CSBP and Kleenheat businesses. The multi-disciplinary services agreement was for an initial three-year term with two one-year extension options, covering routine maintenance and shutdowns. The contract delivers protective coatings (industrial painting and insulation), rigging and access services (scaffolding and rope access) and mechanical services. The award further strengthens our position in the Kwinana Industrial Hub as the premier Fabric Maintenance provider.



#### THE ALTRAD SERVICES TEAM AT ASC HENDERSON CONTRIBUTED TO THE SUCCESSFUL DELIVERY OF HMAS SHEEAN (JULY 2020, AUSTRALIA)

Altrad is part of a programme that aims to deliver support to ASC and the Commonwealth on Collins Class Submarines. We safely and efficiently delivered cleaning, abrasive blasting and coatings to the Hull and Tanks along with confined space management and safety support. We are especially proud that, although this critical maintenance work was undertaken under COVID-19 restrictions, the determination, flexibility and teamwork of Altrad's workforce overcame this challenge to complete the job on time.



#### CONTRACT AWARDED FOR CORROSION REMEDIATION AT KARARA MINING FACILITY (SEPTEMBER 2020, AUSTRALIA)

In September 2020 Altrad was awarded the Corrosion Remediation Services contract by Karara Mining Limited at their Karara mine site in the Midwest region of Western Australia. Karara Mining Limited was established in 2007 to develop and operate the Karara Iron Ore Project (which is the largest mining operation and the first major magnetite mine in the Mid-West). This award is the result of an approach focused on understanding our client needs and working collaboratively to achieve the best outcome in terms of safety, value, price and quality. It highlights Altrad Services' leading expertise in Asset Integrity and Fabrication Maintenance including corrosion protection and remediation.



#### SUCCESSFUL COMPLETION OF MAERSK DRILLING'S MODU DELIVERER DRILL RIG COATINGS (SEPTEMBER 2020, AUSTRALIA)

Altrad Services has successfully completed Blast and Painting services on the Mobile Offshore Drilling Unit (MODU) Maersk Deliverer for Maersk Drilling. Located in the Ichthys Field, Timor Sea, and built in 2010, the Maersk Deliverer is an ultra-deepwater semi-submersible drilling rig able to operate in water depths up to 10,000 ft. Altrad Services' scope of services included Ultra High Pressure (UHP) surface preparation, sand blast and paint application on various areas of the deck and storage representing approximately 600m<sup>2</sup>. Utilising the UHP robot and vacuum recovery system allows for a clean surface. Our approach ensured compliance with environmental standards with rust & paint scale/debris recovered and contained within our vacuum bins.



#### IN AUSTRALIA, ALTRAD COMBINES INTERESTING PROJECTS AND CUSTOMER SATISFACTION (2020, AUSTRALIA)

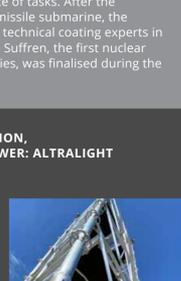
Altrad Services APAC is an expert of the Energy and Resources markets and has been evolving in the particular sector for many years. In 2020, despite the global situation, our teams have continued their duties and assignments in this area.



More precisely, they finished in September/October 2020 the blasting and painting of the 500 m<sup>2</sup> Helideck at the ENI Blacktip platform located in the Timor Sea off the Northern Territory Coast. Thanks to the expertise of Altrad Services and state of the art surface preparation technology, the works have been completed on schedule despite challenging circumstances. Russel Mullen, ENI Australia Campaign Maintenance Supervisor, stated: "The end result speaks for itself: excellent effort and very professional and qualitative outcome".



We have also been providing maintenance services, including scaffolding, surface preparation and coatings, insulation and rope access works to Trace JV at the Inpex Ichthys onshore facilities in the Northern Territory, since 2018 and while undertaking asset integrity campaigns at Tronox and WesCEF sites in Western Australia, we have extended our access and fabric maintenance services to include structural repairs.



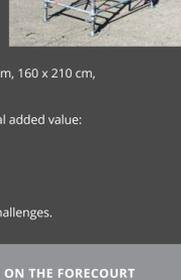
Each time, the clients were glad to see the professionalism of our operators and team leaders to complete these specific jobs.

### BENELUX



#### ALTRAD SERVICES BENELUX SIGNS LONG-TERM AGREEMENT FOR MULTI-DISCIPLINARY SERVICES WITH SOLVAY SOLUTIONS (SEPTEMBER 2020, NETHERLANDS)

Solvay Solutions Nederland and Altrad Services Benelux have signed a new long-term agreement for multi-disciplinary industrial services at the Solvay site in Moerdijk, the Netherlands. Altrad's safety and quality performance in recent years, combined with the group's flexibility, form a powerful combination and have been the decisive factors in Solvay's choice. Both companies are confident that the collaboration will be successful in jointly creating innovative and sustainable solutions.



#### ALTRAD SERVICES BENELUX WINS A SCAFFOLDING CONTRACT FROM STORK AT THE HES HARTEL TANK TERMINAL (OCTOBER 2020, BENELUX)

Stork Technical Services has awarded the scaffolding contract for the implementation of the mechanical works at the HES Hartel Tank Terminal (HHTT) to Altrad Services Benelux. The HHTT project concerns a new storage terminal with a capacity of 1.3 million cubic metres in the port of Rotterdam. For this prestigious new construction project, the Altrad team has started installing the scaffolding. Stork started its work on the terminal in 2019 and is the main contractor for the piping and mechanical works. Altrad, as a strategic partner for maintenance, is demonstrating a proactive approach in this project with optimum planning of activities and a focus on operational performance, including the use of intelligent technologies such as virtual reality.



### FRANCE



#### ALTRAD: LEADER AND UNDISPUTED EXPERT IN THE RENOVATION OF ENGINEERING STRUCTURES AND TRANSPORT-RELATED INSTALLATIONS (JUNE 2020, FRANCE)

After the Bordeaux and Paris Austerlitz train stations, Altrad teams were awarded a contract in 2019, (for a period of at least 18 months), to revamp the corrosion protection of the metallic structure in the main passenger concourse in the Troies SNCF railway station. In addition to the anti-corrosion coating part, Altrad is responsible for access via scaffolding erection, and for changing the glass roof that already exists in the courtyard. The Altrad group's growing potential and technical expertise have made it the French benchmark in the maintenance and renovation of engineering structures and transport infrastructures. These projects are generally accompanied by several months of studies, extremely thorough teamwork and consultation with the project owners and project managers.



#### ALTRAD AWARDED A BARRACUDA CONTRACT ON THE SUFFREN NUCLEAR SUBMARINE (BARRACUDA PROGRAMME) IN CHERBOURG FOR NAVAL GROUP (JUNE 2020, FRANCE)

For nearly 20 years, Altrad has been working with Naval Group, a major French industry player with global reach, and a leader in naval defence. Historically, the collaboration began with the painting market for the "French Navy". But today, since 2011, the Barracuda programme is a strong link in this partnership since it is a complete industrial market for surface preparation and coating works on benchmark military submarines. The "Confidential-Defence" accreditation that our group enjoys is a key element to be part of these types of markets. In this sector, Altrad's experience is essential because it can respond to a genuine industrialisation process over several decades, with most often, at the beginning of the process, a very thorough preparation of the studies required to implement projects and a highly complex sequence of tasks. After the "Vigilant", a nuclear-powered ballistic missile submarine, the "Suffren" passed into the hands of our technical coating experts in Cherbourg. It should be noted that the Suffren, the first nuclear attack submarine of the Barracuda series, was finalised during the summer of 2020.

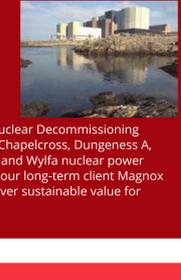


#### ALTRAD UNVEILS LATEST-GENERATION, ULTRA-LIGHTWEIGHT SHORING TOWER: ALTRALIGHT (JUNE 2020, FRANCE)

Made of aluminium and steel, the ALTRALIGHT proudly joins its big sister, the HD 320 shoring tower, in Altrad's industry-leading offering. Lighter and more ergonomic, the tower allows users to carry out assembly and disassembly operations in complete safety. A revolution in the shoring market, this technology enables easier assembly thanks to the extreme lightness of its components.



ALTRALIGHT is completely in line with the expectations of the most demanding industry user, both in terms of MSD (musculoskeletal disorders) prevention and safety during assembly. These major advantages are thanks to lightweight members protected by steel components, including a connecting belt and jack support ring system patented by Altrad Coffrage & Etaiement in France and Europe, which provides exceptional product longevity without any special precautionary measures. In fact, the heaviest components weigh just 9 to 10.3 kg for most common frames.



This tower is available in 3 frame sizes allowing the construction of towers with variable cross-sections compatible with the ALTRADAL floor formwork system: 125 x 125 cm, 125 x 160 cm, 125 x 210 cm, 160 x 210 cm, 160 x 160 cm, 210 x 210 cm.

The weight of these frames provides real added value: 125 cm: frame weight 9 kg, 160 cm: frame weight 10.3 kg, and 210 cm: frame weight 12 kg! A lightweight solution to heavyweight challenges.

#### OUTSTANDING SCAFFOLDING SEEN ON THE FORECOURT OF THE EIFFEL TOWER AS PART OF THE MONUMENT'S 20TH PAINTING CAMPAIGN (NOVEMBER 2020, FRANCE)

Altrad won the contract for the 20th painting campaign of the Eiffel tower. As part of the preparation for this wonderful project, we are extremely proud of the scaffolding constructed on the forecourt of the tower. This is a great achievement by Altrad Services France's Infrastructures and Construction Business Unit. Its reception marked the end of a 7-month assembly that required exceptional human and material resources: up to 35 scaffolders were mobilised to erect this 450-tonne scaffolding spread over two slabs, 58 meters high, with a footprint on the ground of each pile of 12 by 15 meters.



### UNITED KINGDOM



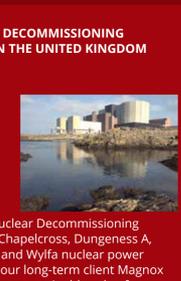
#### ALTRAD SCAFFOLDING CONTRACTORS HAS REACHED THE HALFWAY MILESTONE ON ITS £2M+ 18-MONTH SCAFFOLDING PROJECT AT THE UNIVERSITY OF BRIGHTON (JANUARY 2020, UK)

TRAD Scaffolding Contractors (TRAD) has been working on several significant schemes recently with Bouygues Construction UK (BYUK). One of these is the Brighton University project that started in January 2020 and is anticipated to finish in June 2021; it has a scaffold value in excess of £2m over the 18-month period. We are supplying a workforce of more than 20 operatives and onsite management and the new build construction of five blocks of between 9 and 18 storeys will eventually utilise over 1,000 tonnes of equipment. Working with Bouygues Construction UK (BYUK), we are constructing a new student residence on the Mouseteam campus at the University of Brighton's single biggest campus, based on the north of the city.



#### ALTRAD AWARDED £350M CONTRACT FROM EDF (JANUARY 2020, UK)

Altrad has been chosen as the maintenance partner for a £350m contract by EDF to carry out a range of works on the existing fleet of eight nuclear power stations in the UK for the next nine years. The services will include access, insulation, coatings, tanks and building facades and comes under Altrad Services' maintenance business. Around 500 people will be employed to support the contract. Through this approach, Altrad will continue to help EDF power the UK with an ever-increasingly innovative suite of services designed to take our industry into the digital age.



#### ALTRAD SECURE MULTI-YEAR CONTRACT AT FAWLEY REFINERY FOR LONG-TERM CLIENT EXXONMOBIL (MAY 2020, UK)

In May 2020 we were pleased to announce the signature of a multi-year contract for the provision of access, insulation and painting services at Fawley refinery near Southampton, for our long-term client ExxonMobil. The new contract, which commenced on the 1st of May 2020, is built on our previous contract which encompassed ExxonMobil and Altrad working collaboratively to deliver a value-enhancement programme over a five-year period. The performance on the contract was recognised in 2019, when Altrad and ExxonMobil received the "Company Collaboration Award" from the Engineering Construction Industry Association (ECIA).



#### ALTRAD DELIVERS A MAJOR MILESTONE IN SUPPORT OF THE UK'S MARINE ENERGY MARKET (JULY 2020, UK)

In the early hours of the 12th of July 2020, Altrad delivered the first of four 42-tonne mWave™ wave energy converter 'cell modules' to leading marine energy company Bombora in South West Wales. Measuring over 7.7 m wide and 15.1 m in length, this abnormal load was escorted from our fabrication workshop through Pembroke Dock, negotiating traffic lights and electric & telephone wires along the way. The journey was supervised by several of Altrad's staff and was completed successfully in under an hour. This delivery represents a major milestone for the project – the modules were fabricated by Altrad under a collaborative partnership with Bombora, which allowed both parties to work together to overcome a number of engineering challenges successfully.



#### ALTRAD SECURES A 4-YEAR, NUCLEAR DECOMMISSIONING SUPPORT CONTRACT FOR MAGNOX IN THE UNITED KINGDOM (OCTOBER 2020, UK)

Altrad announced in October 2020 the awarding of a contract for the provision of support services, across six nuclear decommissioning sites in the United Kingdom (UK), from Magnox Limited. The four-year contract, which commenced on the 19th of October 2020, will encompass Altrad providing services at six of the Nuclear Decommissioning Authority's own sites including: Chapelcross, Dungeness A, Hinkley A, Hunterston A, Trawsfynydd and Wylfa nuclear power stations. This multi-annual contract with our long-term client Magnox Limited demonstrates our ability to deliver sustainable value for our client, in a collaborative manner.



#### UNTIL NEXT TIME!

Stay safe, stay informed and stay connected.

If you have any questions, if you would like to provide comments or contribute to the newsletter with project stories or with a desire to highlight actions implemented by your entity, please contact us at [communications.hub@altrad.com](mailto:communications.hub@altrad.com)

The Altrad ICT Team

