PROFLOAT

THE FLOATATION PROFESSIONALS

OUR COMPANY

ProFloat are experts in Drill Riser Buoyancy, offering industry-leading repairs, modifications, spares supply and lifecycle management worldwide. Since establishment we have repaired thousands of Buoyancy Modules for various drilling contractors on every continent, with specific focus on the high-frequency energy maintenance hotspots.

Our repairs are not only world-class, but present significant long-term value relative to their cost, by ensuring that buoyancy equipment achieves its intended life span. We carry out repairs in the field, at any location required by the Drilling Contractor, and we do so at any time throughout the lifecycle of the buoyancy, often coinciding with 5- and 10-year riser recertification windows but also ad hoc as our customers may require.

"BEST IN CLASS" BUOYANCY REPAIRS EFFICIENT PROJECT DURATIONS LOW CRITICAL MASS FOR MOBILIZATIONS HIGHLY FLEXIBLE, IN AND OUT SERVICE

AVOID SAFETY RISKS

REDUCE ENVIRONMENTAL IMPACT

PREVENT RISER JOINT REJECTION DUE TO DAMAGED FITMENTS

MAXIMIZE BUOYANCY LIFESPAN

OUR TEAM

ProFloat is proudly represented by a team of dynamic people with key skill sets covering a range of areas that are of importance to our work and the interests of our customers.

KEANE HARVEY Managing Director GARTH TOOTH Sales Director

MARLON OKKERS Production Manager SIVUYILE KLAAS

TRACEY ZURNAMER

SHARNE LANDSBERG

In-House Legal



BUOYANCY REPAIR

Drill Riser Buoyancy is costly equipment intended to last 20 years. Potential down-time or rejection of riser joints with impaired fitments can result if this equipment is not properly maintained in fit-for-service condition.

Buoyancy is unfit for service if it is cracked, broken in multiple pieces, missing major sections, contains deteriorated buoyancy material or has suffered water ingress.

ProFloat has developed a "best-in-class" repair methodology over 10 years of service in the industry. We have multiple technicians trained extensively in all categories of repair. Combining this expertise with specialized products and materials intended for rigorous offshore use, we provide a repair quality, speed and flexibility which is difficult to beat.

Following is a high-level overview of our repair process.



Transverse Crack Repair



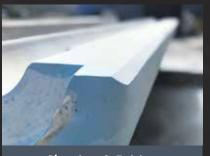
Longitudinal Crack Repair



Buildup of Major Sections



Channel Alignment For Main Tube & Aux Line Housing



Shaping & Fairing of Critical Dimensions



Lamination & Skin Restoration



































1/87 0



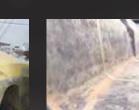














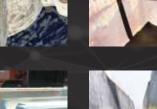








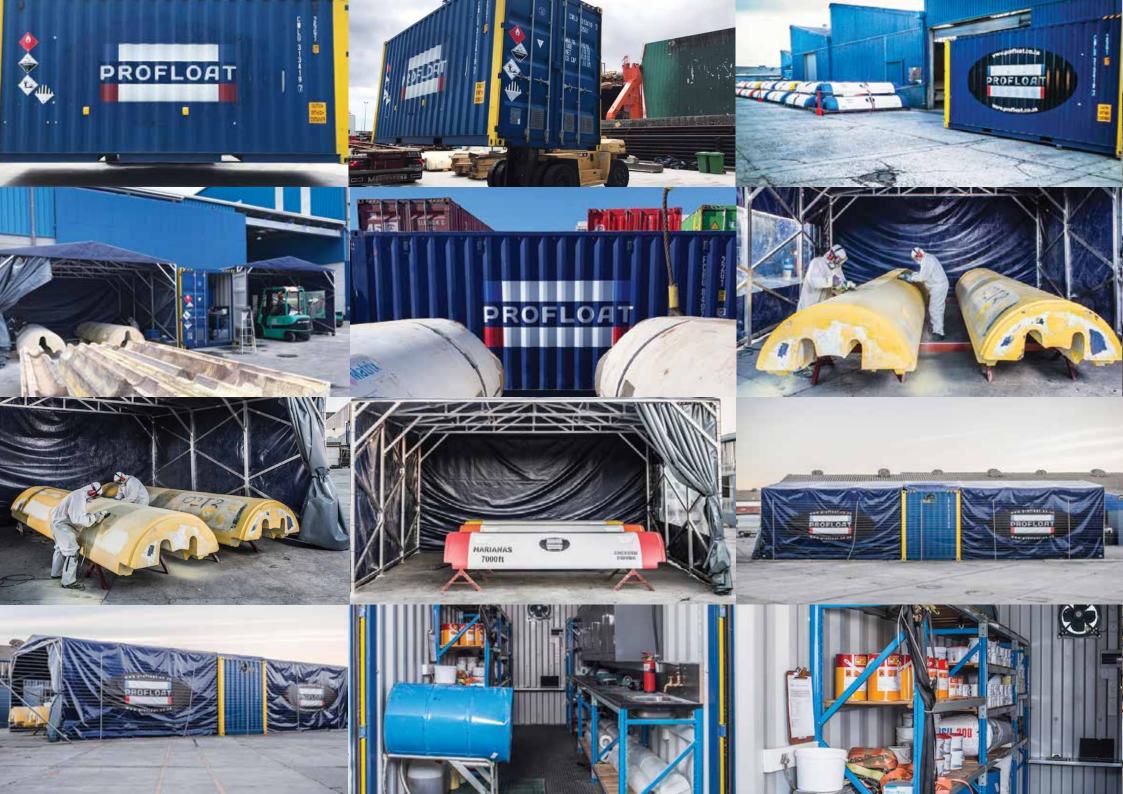














RISER DRESSING

ProFloat often conducts services in field locations where our customers have little or no personnel and support.

In these situations, we provide a turn-key solution by undressing riser joints, repairing buoyancy and then redressing riser joints to be ready for load-out and return to the rig.

We also carry out buoyancy swop-out, which entails readying the desired number and depth of riser joints, providing reporting regarding damage observed and providing a reliable basis for future budgeting.





STRAP & VIV RETROFIT, CHANNEL MODIFICATIONS & MUX WINDOW INSTALLATION

Buoyancy frequently requires other remedial work to improve performance, safety or usability.

This can include modification of the main channels order to accommodate a different aux line configuration, installing MUX clamp windows or retrofitting retention strap and tensioner recesses or VIV-suppression improvements.

ProFloat offers seamless engineering and implementation of bespoke modifications through onsite installation and ProFloat proprietary modification techniques.

This work is provided as a stand-alone service or as a part of on-going repairs. The output is a product which is more suited to the Drilling Contractor's needs.





MANUFACTURE AND SUPPLY OF AUXILIARY EQUIPMENT

ProFloat supplies & manufactures a range of auxiliary equipment required for the fitting of the riser string.

This includes:

Riser Guards (designed & manufactured)

Telescopic Joint Guards (designed & manufactured)

Kevlar Retention Straps (sourced & supplied)

> Tensioners & Bolts (sourced & supplied)

VIV Fairings (sourced & supplied)





BUOYANCY CONDITION BASED MAINTENANCE

ProFloat provides condition-based maintenance of buoyancy through our first-of-a-kind FloatCon[™] CBM.

FloatCon[™] provides assessments, tracking and repair which align with existing riser CBM programs.

FloatCon[™] operates on a fixed price subscription model, delivering extreme value as a lifecycle management tool.

The program includes visits carried out at least once annually during Between Well Maintenance or at another suitable time.

Visits are followed by detailed Condition Assessment Reports, proposed repair schedules, guidance to subsea personnel and engagement with shore-based asset management.

Certain repair quantities are included at no extra cost in the subscription cost, ensuring that the majority of repair requirements are fully budgeted without additional unplanned-for expenditure.



BENEFITS

Avoid utilizing damaged buoyancy which presents a risk of harm to people and equipment.

Avoid rejection or quarantine of joints with damaged fitments.

Avoid minor damage (e.g. edge damage) leading to material deterioration or edge damage.

Rig Subsea personnel will be report detected defects at any time.

Drill Riser Buoyancy Modules are a 20-year investment. For buoyancy to reach this life span requires prompt attention to damage.



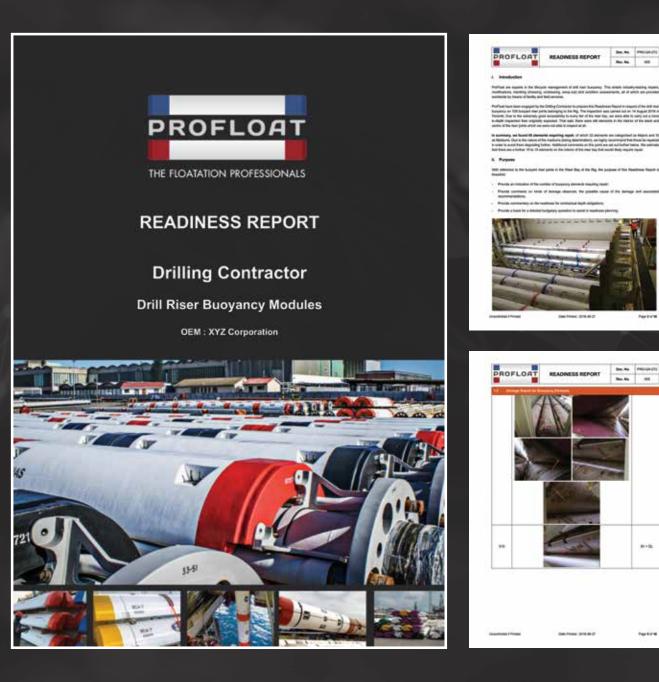
REPORTING

ProFloat provides 3 important reports:

• Readiness Reports: This specialized reporting process gives Drilling Contractors insights into the depth readiness of their riser string's buoyancy, by detailing the number of elements requiring repair to fulfil contractual depth obligations.

• Repair Reports: Following repair, we provide detailed overview of the work scope conducted per buoyancy element, together with traceability management and COC's.

• Uplift Reports: We provide detailed uplift reporting indicating weight, volume and expected uplift per buoyancy element following repair. This serves in calculating riser string hook loads – an important consideration during ambitious well depths.



Ban. 84

81-00



Through and the descences, address and its mark is direct. Reduce and flags har agest descences and the second News of develop. The lattice patient relations for other is to be net for an element is left this part of the developed

- Essent outsile any in an of the fallowing 1 275 and Sampy, while select particle and false fitters way with no mantaphysics exponent, while damage and expone particle with daph within other bands and markings as per APT 107
- to be propertied to fit will do not adquire to be president.
- Theorem extension of a statistic behavior of 20 \pm 00% and storings, resolution behavior probability in 120000 in tradeword with resonancement equations), resolution using the begin z -instance metalements and requires parallely with degle radius prior fractional metalequark parallely of the begin radius prior begin and on the 140 \pm in comprised as finders ranges input to restant again the
- It which, and in the behaving \$7 to 100% due derings, major states, below the 2000s or where, regarding mesonphones and liquit \$5, major stips derenge mesonation and major service with liquit major state between environments are with
- 5

with comparing a lingue require regar to become operational

- The balan lattic provides provides of the facility of the suggest of the determines in the defense comparison of most Public collected on a set out in the accompanying frequencies Providence
- The passing of philos assumed assume a super of this (15) of the surfaces of the element is especially be relevant surfaces, material to strated rates and gaterial improve. Define from parts particle which has a surface in particular or the super file material. There are all instance in the parts particle which has a surface in parts super file material. The material instance in the parts the parts parts and the parts of the pa d'aut le report a solar cardinal. De padra d'un sonari unas e son d'ill'e 1000 d'he aches d'he sonari. expanse for there and the instead is direct units and present spaces. There are and analogy with two to positive instead in the same of the spaces fragment. There is no instead spaces, the sourd theory are averagins and all they apply and ingeating of mixed spaces, manuals. There is a first discussion much be spaced to make spacetary.

Tapa Ala M

- A factors that non-bounded to be annexed using the Tan's angues of Langelander Factories Research collision global differences angular legals to become specialized
- A figurate that is waited survive the length of the element when publicate for somely Derivate with Transmiss Phylicity require require to because questioned
- When the extensed is said two 2 or more planes. Longitudine third or a Transcome level theorem with facult angular support to become speculational
- Internet Street Property lines



Inclusion of Column 1

PROFLOAT READNESS REPORT Sector Property Bec. 20. 41-15 m

Internet Street

Contraction of Columns

PROFLOAT MADNESS REPORT

while of the class on the Higs and its communities AP over joints no property evolutes, and analy of the property of the second to another second term of the second second second second in the the second s

Engine value for the pre-second to upper the MK-FNA for the for pre-set of constraints rear-fields are sent too them. The constraint is a first land of upper balance for upper billion of the set influency pre-set too the set of the set of the set of the pre-set of the set influency pre-set of the set of the pre-set of the set of the pre-set of the set of the s

We have the access while the New Yorking Res had not access to a total product own, prod Agency and share 1 are accession. A second, an append while was accessing a data in the statement of the New Yorking accessing a statement of the New Yorking are not accessing and the New Yorking and the accessing a distribution of the New Yorking are not accessing in applicable and in the statement because a distribution of the New Yorking are not accessing in applicable and a product of the statement of the New Yorking are not accessing in applicable and a statement of the state there are not the initial P Actions in a statement accessing in applicable and a statement of a state place accession of the New Yorking are not accessing the New Yorking Accessing and Accessing and Accessing accessing the New Yorking accession of the New Yorking Accessing the New Yorking Accessing and Accessing and Accessing accessing the New Yorking accessing the New Yorking Accessing the New Yorking Accessing and Accessing accessing accessing the New Yorking Accessing accessing a strateging accessing the New Yorking Accessing accessing the New Yorking Accessing accessing accessing accessing accessing accessing accessing accessing accessing the New Yorking Accessing acce

men allefe arases the fee tool is strated of the feegue. Musi strates is another working the fail for the proposal fitner or strategy.

Series to an impactive Name for such one per summed. We have you admitted to the following repetitor's considerated and general stars

New over 12 test party of the bay of the Mean Day. Hence could be required outs thereaging, and we become the require of the testinged sense is at stress test patter.

There were 100 hausers that parts in the Naw Bay, which are basined one holes the other to common. Name extension is send encoden 4.1 and work something the developed on the specific sends encoded and were attend expected as and a discover to send of these loss parts discover to gas and the base and but not for loss of these and it is attend to be a for the set of the set

We have not appropriately 10. The and starting of the space we have interly pairs into a part of the shares. Receipt on the elements interfalmed for require, being 42 pilos like additional quantity antimated 10, the table for require to 40, which is a require only of educed 20%.

There are approximately 40 other advantation separation require - the require of which is applied and will highly assessmented a sample to the advantational of exploring and advantation spectrum and a set of each section spectrum.

Introduction of

in. Transatility and iterating of Joints.

s. Outcome of Secondary

the different had any operation in respective of regard

04.8c (90.010)

Ann. 101

100000

Tap No. 1

- PROFLOAT MADNESS REPORT a section and a sec
 - Uptions of the determines the interactive of the space is the stating but a children is the state of the determine of the determines the space interactive of the state of th
 - The imposition and input impositions for planed at to array and imposition with a typical RF in 1975, minutes with ensuring the art has an imposite second and with the data schedule of the project and terminal matching of the second second
 - At the low of space, any elements which have lower similarit for space, but which appear to be in good mentions we be address to any subject or on charge.
 - of. Appendix Community on Delementation
 - No diserval inference assembles on the absence, line a concern powering to the sequence of the bacteries extends while on a sequence to and in parts. This is bacteries anothers that and easy dise of 111 bacteries to be a re-assemble or an another the manufacture sequences approximate the second sequences or manufacture complication. In our supervisor, absence the Monard's advective indexists of the sequence of the manufacture complication.
 - The is the weekers in these elements is detectionly and hereafter degrade, as highly eccentrated for all descentions in detected to a transit for an option of a detection grade with a new size at transit experi-ations from the set from the set descention encoding the participation of a size and and the set of the se of the survey of
 - Introduction of Tapation 14
 - dealer modern PROFLOAT MADNESS REPORT Bei 20. 001 on Rommery of Feedings 12. 100000100 1 in the second -. 100.0 lowed. -100 -and second to suproving of the 16 of

Internet Street

Contraction of Contract

194.011









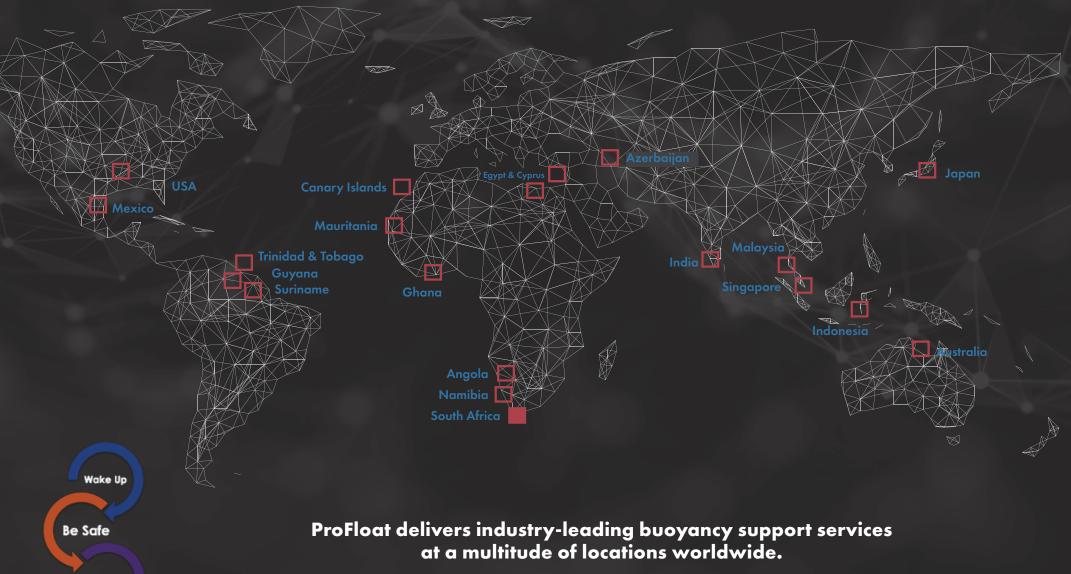
Internet Street

Children Coloned

THE R OWN

Internet Street 140.00





Repeat

KEANE HARVEY MANAGING DIRECTOR

Phone: +27 82 884 8506 Email: keane@profloat.com

GARTH TOOTH SALES DIRECTOR

Phone: +27 70 511 7221 Email: garth@profloat.com

Address: 10 Mynhardt Street, Strand, Cape Town, South Africa, 7140

Phone: +27 21 556 1631 Email: info@profloat.com Website: www.profloat.com

Reg Nr: 2012/195682/07

SATISFIED CUSTOMERS







нлл



Seadrill

GLOBAL RISER









ODFJELL DRILLING



Transocean