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INTRODUCTION

WRITTEN BY CEO JONNY LOGAN

02

CEO UPDATE

"Long days, but short weeks!", was a phrase that I heard used recently to describe 2021. It's hard to argue with that sentiment, and I'm sure it is something that many of our colleagues (and indeed a great many people living through the events of the last 2 years) can relate to.

What brought this to my mind, most strongly, was looking back on the words I wrote for last year's end-of-year Newsletter and realising that although it was written on the same day last year, the 16th of December, and therefore a full 365 days ago, it feels like only a few weeks have passed.

I'm sure that there are psychologists who would have far better explanations for this phenomenon than a simple engineer like myself can come up with; but I put this down to two things. Firstly, I'm getting old (or at least it feels like it) and secondly, we are still living in a global pandemic. It only took one google search to rapidly realise that this feeling of day-to-day time being in slow motion but yet chunks of time flying past like an express train, is something very widespread and definitely linked to the disruption in normal schedules and the reduction in the new experiences, that help to lay down markers in our memories and aid in recognising the definition of periods of time.

With reference to the latest news headlines and the uncertainty around the Omicron variant of COVID-19, I would like to take this opportunity to convey the message, on behalf of all Global Maritime, that we very much hope that all of our colleagues, clients, suppliers and all of their friends, families and loved-ones remain in good health during this upcoming festive season, and into the months to come.



THIS YEAR HAS BEEN
THE BUSIEST IN RECENT
YEARS FOR GLOBAL
MARITIME AND WE CAN
SEE ALREADY THAT
2022 WILL CONTINUE
THAT TREND.

Despite all that has been going on in the world, 2021 has been a really great year for Global Maritime. At the beginning of the year we had many strategic targets that we wished to achieve. These included the globalisation of business development and tendering activities in many of our key markets, the deployment of a new metadata-based document management system, growth in some of our key market sectors (especially offshore floating wind and aquaculture). It's extremely pleasing to see that so many of these targets have been achieved in 2021, and also that several other initiatives have been undertaken and seen through to fruition during the year. Not least of these is the successful launch of our Global Geosciences Business Stream. Supporting our clients in the operation jack-up vessels through being able to provide a full package for leg-penetration analyses and site-specific assessments, and also those in the development and engineering of windfarms and other offshore energy developments, by providing everything from geotechnical assessment to GIS support and subsea cable engineering and consultancy.

For years, Global Maritime has been working with our clients to meet the challenges of the sea; now we are also helping them meet the challenges of the seabed!

This last twelve months has seen some other, really positive, developments in Global Maritime. We have contributed to a wider range of interesting and world leading projects, in more locations round the world than ever, in recent years. In 2021 we have played a variety of roles, from Marine Warranty Surveyors to principal designers and from third party assessors to offshore contractors, in projects that:

- completed the installation of the world's largest floating offshore wind farm;
- provided concept studies for crane upgrades on offshore platforms;
- supported the concept design of a new generation of offshore floating wind turbine foundations;
- supported our sister company Moreld Apply with key, experienced engineering capability, in Poland;
- prevented tonnes of CO2 release by implementing fuel saving initiatives on offshore units, and saved our clients money into the bargain;
- progressed our 'GM Aqua Design' concept for a new, modular offshore aquaculture solution;
- provided fabrication, loadout and T&I management support to the world's deepest, fixed-bottom offshore wind farm;
- assisted the Ocean Cleanup Project with the deployment of their "Jenny" concept in the Pacific Ocean;
- will moor and hook-up the bp Tortue FPSO;
- have installed several floating LiDAR buoys in South Korea;
- provided expert marine reps in Trinidad and Tobago;
- performed MWS services for the Changhua Wind Farm in Taiwan and the Bayun MOPU project;
- conducted Safe Return to Port assessments for cruise vessels for SWS in Shanghai;
- continued to work with ENI on the Merakes development in Indonesia;
- undertook ship collision assessments for clients in Australia;
- successfully completed DP assurance and associated work for over 100 projects in the Middle East alone.

And that is only a snapshot of what we've achieved. In total Global Maritime personnel undertook in excess of two thousand separate scopes of work during 2021, for more than 500 different clients, across 9 different industry sectors. It's a phenomenal achievement, and one that hasn't come easily, in the face of continued travel restrictions, quarantine requirements, social distancing guidance and seemingly endless PCR testing.

Under such conditions, there are four main groups of people who are especially worthy of thanks, on behalf of all of GM for the success we have achieved in 2021. Firstly, our dedicated team of operational staff and sub-contracted personnel; who have, in sustained time of great adversity, continued to achieve the high-quality and dedicated service provision that is expected of GM by our clients. Secondly, to our teams who provide exceptional HSEQ, HR, business development, administrative and financial support that is essential to keep this company functioning and who have continued to strive for improvements and created efficiencies in our work and without whom none of the long list of great achievements above, would have been possible. Also, to our partner companies, with which we undertake several of our work scopes and by the leveraging of their complimentary skills and experiences provides even more added value to our customers.

And lastly, to our clients; without whom none of this would be possible, and who have worked with us to overcome some tremendous logistical challenges in an effort to keep all our personnel safe, whilst still providing our teams with what we all want; varied and exciting new projects to be a part of.

So, what of 2022? Two things are for certain, that the world will continue the ever-increasing drive towards a more sustainable future, and that Global Maritime will continue to innovate and to contribute to that change. The possibilities and opportunities in making use of the incredible power of our oceans' natural resources are endless and new technologies are continually developing that will enable greater use of these resources to be obtained. Alongside this, GM will continue to support the world's existing energy sources and strive to find even more ways to make the use of these more efficient, in the marine and offshore environment.

2022 will bring some new developments for GM. Our world market is expanding, especially with the fast pace of developments in the fixed and floating offshore wind sectors. As such, next year will see the establishment of our local presence in the Northeast of the United States, to support our newly secured contracts for offshore wind development in the region. In addition, we will be growing our footprint further in locations including Ghana, the Republic of Korea and hopefully some other key locations globally.

We are continuing to grow our team, both in terms of numbers and complimenting competences in order to further build on our successes in areas like Owner's Engineering, Offshore Floating Structure Design, Marine Warranty and Systems Engineering.

Recently secured contracts put our workload for the coming years at an all-time high and we will continue to build upon the hard work of the last few years in terms of systems and processes within the business to ensure that we are the best solution for our clients whom we support in meeting the challenges of the sea!

EMPLOYEE SPOTLIGHT: MEET EIRIK MIDTTUN

Name: Eirik Midttun

Role: Operations Manager, Abu Dhabi

Length of service: 16 years

1. Hi Eirik! Tell us about the start of your career at GM, how did it come about? I was a graduate engineer fresh out of University with a master's in technology. I had just moved to London with my girlfriend (now wife) to try my luck in a new country. I was lucky enough to get job at the GM London office as an Engineering Analyst. After a few years of that, I then tried my hand as MWS Project Engineer, before moving to our Abu Dhabi Office. While the London office was relatively large, the Abu Dhabi office was at the time very small, which meant that all of a sudden, I got involved in much more of the business and we were all filling more than one role. I enjoyed this increased exposure and variety and while my focus has always been Offshore Engineering and MWS, I feel I have very solid understanding of the other disciplines we cover and what it is that makes Global Maritime tick.

2. How has the industry developed throughout your career at GM?

In many ways the industry has not changed. Many of the installation vessels are still older than myself, and they are still operating. The biggest change is that they are now installing wind farm facilities in stead of oil and gas. However, our focus remains the same: help clients apply the best solutions while maintaining low risk.



3. What is the structure of the Abu Dhabi team?

We are a team of 13 technical and 6 support staff, along with a large pool of trusted independent sub-contractors. The Abu Dhabi team has a wide range of expertise in house. From master mariners, marine technical, structural engineers and naval architects. We are the largest office in the Middle East supporting both external clients as well as other GM offices in the region. Our main activities are Marine Assurance, DP Technical Services, MWS and jack Up Services.

4. What has been your favourite project you have been involved in at GM?

I always enjoyed the projects where I got to travel, particularly those where I was doing the document reviews, attending HAZIDs, navigated progress meetings, and argued our review and survey findings with clients. I've always loved travel and its satisfying to be on site to finalise the approval process and to see the operation being carried out successfully.

5. How has 2021 fared for the team?

Our Jack Up Rig team has really come into their own over the last years with 2021 having been a particularly strong year where we have steadily taken on new clients and taken our relationships with existing clients to new levels. We have built strong relationships with both local and international rig operators and owners offering LPAs, SSAs, MWS rig move attendance and hands on rig moving.

We have also been supplying a wide range of Marine services to the various ADNOC entities and we feel this is a relationship that will continue to grow. Our team has earned ADNOC's trust, and we have also built up a pool of independent sub-contractors that is now regularly serving on board as Marine Representatives on vessels operating in ADNOC fields.

6. How is 2022 looking for the team?

Offshore projects and activities are ramping up as COVID travel restrictions are easing, which means there is a very positive outlook at the moment. This is particularly true for The Kingdom of Saudi Arabia, where 2022 is set to be the year we build our operations in Kingdom with permanent personnel on the ground. We have built our client base in the Kingdom steadily over the years and it is now a natural progression to establish a permanent presence there with our DP Services acting as a spearhead so to speak with their very excellent approach to services such as DP Annual trials, technical problem solving and competence assessments.

7. What do you enjoy most about working at GM?

The variety of projects I get to work on and the very talented people I work with.

8. How do you spend time outside of work?

Outside of work I like spending time with family and friends. I took up triathlon some years ago so I also spend some time trying to keep in shape and train for races.

9. What has been your greatest achievement so far?

After all these years it's impossible to zone in on one achievement alone. However, I still remember my very first project back when I first started fondly. I learned MOSES and did some research on anti-roll tank dynamics modelling and I came up with a method for using MOSES and Mathcad together to design and analyse possible solutions for retrofitting an anti-roll tank to a pipelayer. I thought that went very well as my very first project in my career, and I'm always very excited when I can bring that level of problem solving to a project.

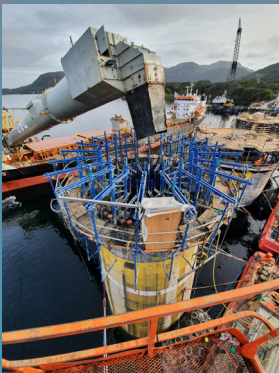
HYWIND TAMPEN

WRITTEN BY **EDIN CIBO MWS**
STRUCTURAL DISCIPLINE LEAD

In 2020 Global Maritime were awarded the Marine Warranty Survey contract for the Hywind Tampen floating offshore wind project by Equinor.

Hywind Tampen is an 88 MW floating wind power project intended to provide electricity for the Snorre and Gullfaks offshore field operations in the Norwegian North Sea. It will be the world's first floating wind farm to power offshore oil and gas platforms. Once complete it be the world's largest floating offshore wind farm and an essential step in industrialising solutions and reducing costs for future offshore wind power projects.

The floating wind farm will consist of 11 wind turbines based on one of Equinor's floating offshore wind technologies, Hywind. The wind farm will have a combined capacity of 88 MW and is estimated to meet about 35% of the annual electricity power demand of the five Snorre A and B, and Gullfaks A, B and C platforms. In periods of higher wind speed this percentage will be significantly higher.



07

PROJECT SPOTLIGHT



MWS works commenced in April 2020 with Global Maritime attending the following operations:

- Out of dock operations at Stord (the initial 20m of concrete substructures (CSS) build at Aker Solutions dry dock) and towing to Dommersnes for further slip forming up to 107m
- Safe mooring operations at Dommersnes (3 barges connected to floating quay)
- Solid ballast filling operations at Dommersnes
- Bridle wire installations

In 2022 the Global Maritime MWS team will support the towing activities of the 11 CSS from Dommersnes to the assembly site at Gulen. Additionally, interim transports of FWT components (tower sections, nacelle, blades etc.) shipped from Spain, Germany, Denmark, as well as the mooring spread approval at Gulen for further FWT assembly. The FWT components will be assembled by use of a ring crane (onshore), supplied by Mammoet. A spacer barge will be utilised for the assembly, positioned between the FWT and ring crane. The final element includes towage to the offshore location for installation.



**SEASON'S GREETINGS AND
BEST WISHES FOR 2022**