



Port helps National Grid to keep the lights on



Bristol Port played a key role last month in delivering a critical piece of kit for the National Grid which will keep electricity flowing to tens of thousands of homes and businesses in the region for years to come.

The Port welcomed Osprey's Lady Mathilde to Avonmouth Docks to take delivery of an electrical transformer, weighing 138 tonnes, the equivalent of a single storey house.

The operation once again showcased the Port's ability to handle large, complex loads smoothly and efficiently. The transformer was expertly lifted from the vessel with assistance from Osprey Heavy Lift

and Allelys Heavy Haulage.

After a carefully planned journey onboard a massive 57m long and 5m wide lorry, the vital equipment, which reduces high voltage electricity down to a lower voltage used on regional networks, made it to Iron Acton substation in South Gloucestershire.

The Port is proud to have a strong history supporting the National Grid with transporting its key infrastructure. In 2006 the Port took delivery of a 400,000 volt transformer for Seabank Power, and in 2016, a transformer the size of a 'small cottage' was taken from Avonmouth Docks to Gloucestershire.



Influx of turbines help create first wind farm in South Glos

Bristol Port has seen a flurry of wind turbine shipments coming through in recent months, including shipments from Portugal that will support the creation of the first ever wind farm in South Gloucestershire.

Three 100m-high turbines are destined for Alveston, near the junction of the M4 and M5 motorways.

According to local media reports, the site is due to be completed and connected to the National Grid by the end of the year, and will generate up to 16.75 GWh per annum, enough electricity for 5,000

homes. Unloading turbines from a vessel requires planning and technical expertise in order for an efficient and smooth transfer to storage areas at the Port.

Commercial Manager Miles Adams said: "The discharge went extremely smoothly thanks to good pre-planning and highly trained and skilled staff carrying out the operation. Project cargo like this, requires expertise to ensure it is done safely and efficiently. Everyone included in the project was really pleased with the speed and efficiency of the operation."





Shipwreck makes waves around the world



The extraordinary story of The Brunswick wreck, which featured on the front page of last month's newsletter, reached hundreds of thousands of readers after making headlines around the world.

The discovery was covered by the BBC, The Telegraph, Daily Mail, Sun, media in the U.S., Europe and Asia, and even a Brazilian newspaper. The Port's Hydrographic Surveyor, Emily Hand, also undertook a series of broadcast interviews.

The Marine Department have since re-surveyed the area and found that sands have started to cover up the wreck already. However, the question the team

is really seeking to answer is, how did this significant bank of sand move in the first place to reveal the Brunswick?

Mark Burrows, Hydrographic Surveyor, said: 'Sand waves are very mobile in the Estuary, which is why we survey on a regular basis. We know that certain things can affect the sand banks, for example structures or construction can affect the regime of sand movements. However it can be hard to prove and in this case it may remain a mystery.'

The team will continue to monitor the area and *Port News* will report any further findings.



Treble vision

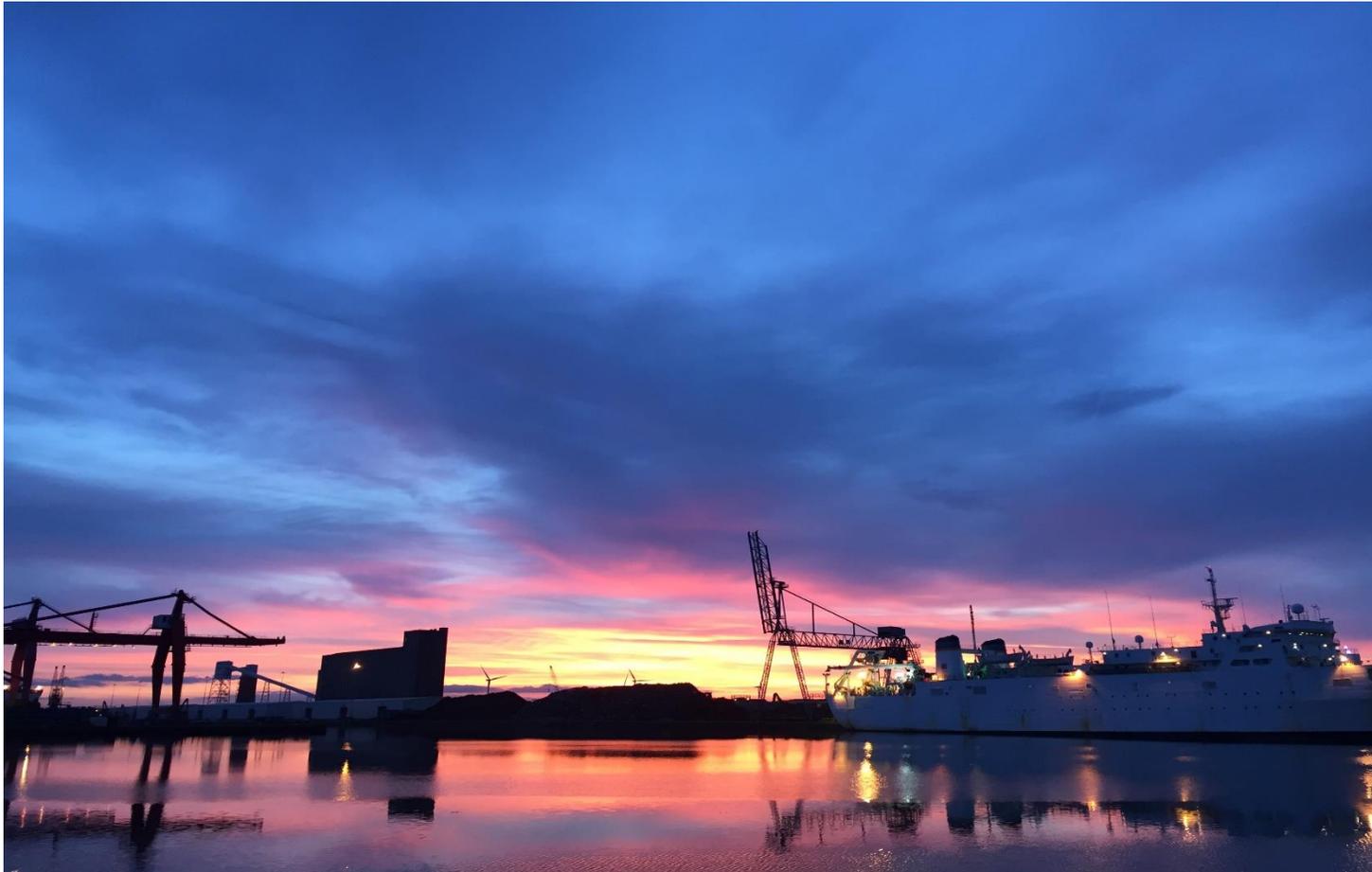
There was a rare sighting last month of not one but three identical "Ro-Ro" vessels. Whilst it is not unusual for Royal Portbury Dock to be busy with car vessels, known as Ro-Ro's, it was a novelty to see three orange Wallenius

same time

Wilhelmsen vessels together at once. They were unloading vehicles from Italy, the Far East and Zeebrugge. New vehicles were loaded back on, ready for export to Baltimore, on the East Coast of America.

The U.S. is a major export destination, due to Bristol Port's advantage of being the nearest UK Port to the east coast of America. Last year the Port handled nearly 200,000 vehicles for export and a 20% increase is predicted this year.





Picture of the month

'Sunrise from the Malago' taken by Ben Beacham Marine Apprentice. He said 'This was taken at 0540am from Malago our dredger, the reflection in the water was too hard to ignore with the sunrise reflecting off it.'

If you have any images, stories or news you would like included, or if you would like to feature or nominate someone for next month's 'Day in the Life' series telling our everyday stories, please contact

Katherine.lovell@bristolport.co.uk or call 0117 982 0000



Port team pull together for Corporate Row event

Bristol Port's rowing team are in their third week of training in preparation for the City of Bristol Rowing Club's Corporate Row Regatta on Sunday September 10th.

Keen rower and Bulk Terminal and Operational Engineering Director, Martin Downey says "Training is going well. The crew picked up the basics quickly and with every outing the balance is improving so people have a solid platform to put the work on. The BPC crew are already rowing as an 8th and the boat speed is increasing. Still a bit of work on rhythm and timing is needed, but it is coming together and this bunch are quick learners."

Anyone who would like to support the team are welcomed to attend the event at 1030am, held at the Albion Dockside, Bristol Marina. BS1 6TR.



Jeff's IT Corner

Jeff Usher from IT is back again to reveal the scale of his ongoing cyber battles ...

Bristol Port has various systems in place to stop the delivery of spam (unsolicited junk emails), viruses and access to potentially harmful websites.

All this goes on in the background and you may be blissfully unaware anything is happening apart from the occasional warning in your web browser or the odd spam message appearing in your inbox that has bypassed our filters.

But to give you an idea of the scale of work happening in the background, here are some statistics for just four months, May-August.

Spam Emails

- **400,000** emails received in all
- **197,000** were blocked as SPAM
- **30,000** were blocked for containing viruses before reaching your inbox

Viruses and Malware

- **76** Viruses were stopped
- **28** Malware applications were stopped

Internet

- **184,725** web pages were blocked for spyware, malware and known virus sites.

How to protect yourself

One final stat to give pause for thought. Authorities estimate that a new PC without any protection installed will be infected with malware or other potentially unwanted programs within four minutes of being connected to the internet. To protect yourself at home, I recommend the Sophos software we use at the Port. There is a free version available for home use on up to 10 PCs which can be downloaded and installed from here: <https://home.sophos.com>



If there is anything IT related you want me to talk about next month – get in touch at jeff.usher@bristolport.co.uk



Port News

The Shipping Forecast
August 2017



THE BRISTOL
PORT COMPANY



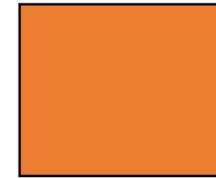
Highlights for the month ahead include:

- Matsu Arrow discharging metals in RPD
- Oshimana discharging forest products into RPD
- Ocean Majesty with transit passengers into Avonmouth
- At least 38 car carriers including Otello, Theben and Guangzhou Highway in Avonmouth and RPD



Industry recognition

Bristol Port would like to congratulate Commercial Manager Miles Adams on successfully completing three years of study and exams in order to gain acceptance into the Chartered Institute of Shipbrokers. There will be cause for double celebration next month, as not only will Miles be gaining official Chartered Shipbroker status but he will also be celebrating his 40th birthday!



Loose lifting equipment

Please note that the inspection colour is ORANGE. All equipment that has this colour is safe to use and has been inspected by competent persons. Any equipment which is not the correct colour must be withdrawn from use immediately and returned to the gear store.

Hazards on the dock: riding bicycles

There have been reports of people within the Dock estate riding bicycles without the appropriate PPE wear. To ensure you stay safe whilst cycling around the Port follow these top safety tips:

- Wear a high visibility jacket at all times when riding a bike
- Wear a helmet
- Have a light on the front and back of your bike
- You must dismount when crossing the lock gates
- Be extra vigilant at junctions and of large vehicles, such as lorries.

Welcome to four budding engineers

This month we would like to welcome four new starters to the Port, who will be undertaking a four-year Engineering Apprenticeship: Ben Mogg, Ben Harvey, Anton Parker and Liam Moore.



A day in the life of... Glenn Callaghan, Assistant Mobile Plant Manager

Describe your job

I am responsible for ensuring all Bristol Port mobile plant is maintained and serviced to a high standard.

What is the first thing you do when you get into work?

Check over the previous evening's work and take a look at the time sheets and then importantly make a fresh cup of coffee!

How long is a standard day?

My standard hours are 8am to 5pm but I am normally available outside these hours if needed. The Port is a 24/7 operation and it's important to be flexible.

What is the best thing about your job?

The diversity of the works carried out within the workshop and gaining new mechanical knowledge every day.

What is the worst thing about your job?

When perhaps some of the machines are not repaired or serviced in time for operational work – as you can imagine no one likes to receive bad news. Thankfully this is a rarity from the Motorshop!

What is the most interesting thing that has happened on the job?

After a few months of working at The Bristol Port Company, I was asked by my Manager if I wanted to assist two mechanics in carrying out a repair on a Liebherr front end loader. The Liebherr was at the coal stockyard in Royal Portbury Dock and it was a really cold and rainy day. I think most people would have politely declined on preference of staying inside a nice warm office, however I jumped at the chance of learning something new and it was worthwhile gaining more experience on that equipment.

What did you want to do when you were a child?

I always wanted to be a firefighter as a little boy – but actually I don't think I would have been that good as I tend to get hot really easily at the best of times!





We are recruiting!

Bristol Port are still searching for Port Operations Apprenticeships and due to the booming Car Trade at the Port are now looking for Car Trade Operatives to join the team:

Car Trade Operatives

Bristol Port are looking for people who would like to specialise in driving import and export vehicles for our motor vehicle trade.

You must be enthusiastic, physically fit, smart in appearance and above all able to demonstrate a highly developed awareness of our customers' quality requirements. In particular, you must be able to project a positive approach with which our customers' will feel comfortable.

Successful applicants will be required to work overtime and be willing to commit to a flexible shift system which operates 24 hours over 7 days a week. You will have a full clean driving licence and have at least 2 years' driving experience. In exchange, you will start on a basic of £22,093 per annum, rising to £23,256 after two years, plus overtime and benefits.



Port Operations Apprenticeship

You will develop a solid foundation for a career that could see you quickly rise up the ranks, just as long as you're willing to put in the hard work. In fact, many of our operations managers started off as apprentices.

And of course, as you progress, so will your earnings. You'll start on a basic of £12,700 pa, which will rise to over £26,000 once you've successfully completed the two-year apprenticeship and one-year training programme.

With strong numeracy and literacy skills, you should be physically fit, have a good head for heights and a full driving licence. A flexible approach to work is important too, as you'll be working shifts including regular weekends and nights.

So if you're ready to take the first step towards a terrific future, we're waiting to hear from you.

To apply please contact our reception desk on 0117 982 0000 during office hours, or e-mail personnel@bristolport.co.uk and ask for an application form.