THE NEWS*FLOW*

PORT PITT

The Newsletter of the
Port of Pittsburgh Commission

EXECUTIVE DIRECTOR'S MESSAGE

Advocacy for our rivers and engagement with our elected officials and stakeholders are at the forefront of Port of Pittsburgh Commission's mission. During the past quarter, the PPC hosted a Legislative Cruise on the Gateway Clipper, featuring Senators Devlin Robinson, Camera Bartolotta, and Gene Yaw. The next day, I had the honor of delivering testimony before the Pennsylvania Senate Committees on Environmental Resources and the Labor and Industry to spotlight the issues facing our industry and stress the importance of the overall economic benefits that our rivers bring to Southwestern PA. In addition, the PPC hosted legislative roundtables for US District 17 House of Representatives candidates Jeremy Shaffer and Chris Deluzio to educate them on our issues, and to learn more about both candidates in a tightly contested district in the heart of the PPC region. Through these events, we not only briefed our elected officials on the needs of our industry, the economic vitality our industry brings, but also provided opportunities to our stakeholders to engage our legislators and discuss their issues. Another new development is the dedication of additional resources with a focus on the importance of cybersecurity to the Port District and our stakeholders. In this issue, you will see two articles on this important topic.

On behalf of myself, the Board, and the PPC staff, we wish you a safe and joyous holiday season, and look forward to serving you in the New Year!

Mary Ann Bucci Executive Director, Port of Pittsburgh Commission

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Phishing is a Threat
by Nate Turer

Cyberattacks are on the rise, with the cost of being victimized often reaching eye-watering amounts. Here we will discuss one of the primary ways these hostile actors attempt to breach systems and ruin your day, something I'm sure everyone has heard of: phishing. This article will examine what it is, how to spot it, and how to keep yourself safe.
So what is phishing?

Phishing is a form of intrusion or data theft that relies mostly on social engineering to reach and affect its target, as opposed to more technical intrusion methods. Phishing utilizes fake information to try to trick the targeted person into revealing sensitive information or allowing the attacker to compromise their system or identity.

One of the most common ways this attack manifests is through fraudulent emails. While many may think of "Nigerian Prince" scams, phishing attacks have rapidly evolved in both complexity and effectiveness. This makes detection of these threats more difficult, and their reach wider. In 2016 it was estimated that about 30% of phishing messages are opened by their recipients, therefore phishing remains one of the most common entry points for hostile actors.

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3 RIVERS, 3 QUESTIONS

with *Rep. Jessica Benham*

Pennsylvania House of Representatives

Jessica Benham is a member of the Pennsylvania House of Representatives serving the 36th district. She serves on the committees for Aging & Older Adults and Health and Human Services.

1. Congratulations on your first term in office, as well as your recent appointment to the PPC Board! What have those experiences been like, and tell us a little about yourself?

Thanks! It has been an honor to serve the 36th District for my first term in office, which has been heavily defined by the COVID-19 pandemic and the economic and other impacts of the pandemic. I have been proud to fight for the needs of my constituents, doing my best to ensure that our priorities in state government reflect the interests of District 36th. Prior to serving in elected office, I was the Director of Development for the Pittsburgh Center for Autistic Advocacy. I recently completed my Doctorate in Communication at the University of Pittsburgh, where I was an active member of the union organizing committee. I live in Pittsburgh's South Side Slopes neighborhood with my cat, Ravi.

Phishing continued

Other terms to be familiar with:

Vishing - "Voice phishing" these attacks make use of fraudulent phone calls or voicemails to reach their target. Attackers may use spoofed phone numbers and attempt to impersonate trusted persons such as bank staff or government personnel.

Spear phishing – Targeted phishing attacks customized towards one person. This will often be precluded by intelligence collection by the attacker on their target, learning of their associates or routines to tailor the attack. An example may be learning of a club or organization their target is a member of and spoofing an email from its leader, or impersonating family.

Whaling – Whaling is a term used for phishing attacks focused on high value targets, such as C-level executives, or senior government personal. These attacks may be more complex in nature, but that's not always the case.

Commonalities in phishing attacks

Phishing attacks rely on the manipulation and deception of their targets. This is achieved in several ways, both technical and nontechnical. Common technical methods of deception may include the creation of cloned webpages, such as creating a website registered as "gmaill.com" or "miicrosoft.com" which appears at first glance to be legitimate, by asking users for their credentials. These are almost always combined with non-technical means of deception. These non-technical methods of deception rely on tricking the target into opening the message and downloading enclosed files or clicking on a link that will take them to a compromised webpage. These methods will often rely on creating a sense of urgency, or establishing a false sense of familiarity, such as framing the message as being from a friend.

A few commonalities that users and administrators should be aware of

- Misspelled or incorrect names of people and organizations.

- Random or nonsensical punctuation

- Sense of urgency. Often phishing messages will create a false sense of urgency, telling the target they need to act now or some opportunity will pass, or terrible fate befall them or those close to them

- Attacks will most often ask something of the target. This may be to reply with information or documents, log in to a website, or open an attachment.

- Links that are not what is described in the body of the message.

3 Rivers, 3 Questions with Rep. Jessica Benham continued

2. You serve the 36th District in the PA House of Representatives, with a portion of the district located in Pittsburgh's Southside, along the Mon River. What importance do you see the rivers having to your constituents in terms of access, job growth and economic development?

I represent about half of Pittsburgh's Southside neighborhood, which is in part defined by its border with the Mon River. South Side residents benefit from a number of recreational amenities along the river, including the trail, as well as picturesque views. More broadly, all of us in the Greater Pittsburgh Region benefit from living near the rivers due to the development opportunities, commercial opportunities, and transportation afforded by the river. I'm grateful for the opportunity to serve on the Port of Pittsburgh Commission in order to continue to advocate for the interests of my community around the economic, environmental, recreational, and other impacts of the rivers.

3. Looking ahead, and considering your State committee appointments (Health, Human Services, and Aging Adults), what goals do you have for improvements in regional infrastructure and quality of life?

As I think about my committee appointments for this session, which may or may not be the same next session if I am re-elected, I do think there are a number of improvements I want to continue to work for with regard to regional infrastructure and quality of life. Our public transit systems definitely need continued increases in funding for service and infrastructure improvements. We need to continue to increase funding for services for older adults, people with disabilities, and other vulnerable groups. I also want to make sure we are making changes to government programs to address inflationary pressures. I'm thrilled about the Whole Home Repairs Funding that we passed in this year's budget and would love to ensure that program is funded sustainably moving forward.

PortPitt Legislative cruise aboard the Gateway Clipper Fleet, October 13, 2022

Port Electrification: Benefiting the Bottom Line, Workers, & the Community
by Matt McDonald, Senior Associate, Transportation Electrification, Duquesne Light Co.

Ports are a vital part of the economy, serving as gateways for moving freight and passengers across the country and around the world. As ports adapt to meet economic and infrastructure demands, it is critical to understand the potential impacts on air pollution, greenhouse gases (GHGs), and the people living, working, and recreating near ports. Diesel engines are the modern-day workhorse of the American economy; however, they can emit significant amounts of air pollution, including fine particulate matter, nitrogen oxides, air toxins, and carbon dioxide, which impact human health and the planet. Transitioning to electric equipment and vehicles at ports brings long-lasting economic and environmental benefits to port operators, workers, and the surrounding community.

Economic benefits from electrification are found in multiple aspects of the port system. The total cost of ownership (TCO) of electric equipment is typically lower than gasoline- and diesel-powered equipment due to reduced fuel and maintenance costs. Although the initial capital expense of electric equipment can be a barrier, funding is available now to offset those upfront costs and the TCO often provides long-term savings. Other economic benefits come from workers being healthier, which means more days at work and higher productivity. Electric equipment is also safer for the workers translating to less workers comp, lower insurance rates, and lower turnover of employees.

The health effects of electrification benefit port companies, employees, and the surrounding communities. Electric equipment reduces carbon dioxide, particulate matter, nitrogen oxides, and additional pollutant emissions, improving the health of the local community by lowering rates of respiratory conditions, such as asthma. Additionally, electric equipment doesn't negatively impact workers and the community with noise pollution and vibration. Instead of breathing in pollution and competing with noise from diesel-powered equipment, the workers and community can focus on what's important and be healthier and more productive.

A historic amount of federal, state, and utility funding is available now to make it easier for port companies to cash in on the economic and environmental benefits of electrification. Incentives are available on a wide range of electric equipment, such as trucks, ships, forklifts, transport refrigeration units, scissor lifts, etc. Incentives are also available for the infrastructure, including electric vehicle charging stations and the cost of bringing electric service to the site to power the charging stations.

As the electric utility for many of the port companies in Allegheny and Beaver Counties, Duquesne Light Company (DLC) currently offers an Electric Fleet Advisory Service and Fleet Charging Program to help its commercial customers develop a free roadmap to fleet electrification and install the charging infrastructure needed to support a growing electric fleet. DLC is also available as a resource to help you consider electrification and identify related funding opportunities, such as those included in the federal Inflation Reduction Act and in Pennsylvania's Alternative Fuel Incentive Grant and Driving PA Forward Programs. If you're interested in learning more, please reach out to DLC at electricvehicles@duqlight.com. Also, please take a look at the information sheet on page 5.

Bucci Testifies Before Joint PA Senate Committees Regarding Importance of Port of Pittsburgh

On October 14th, Executive Director Mary Ann Bucci testified before a joint hearing of the PA Senate Environmental Resources & Energy Committee and the PA Senate Labor & Industry Committee on "The Importance of Pennsylvania Waterways to Energy & Economic Development." Bucci delivered her address to the joint committee members on the importance of our rivers in terms of economic vitality to local industry, job growth, and overall quality of life. Additionally, she helped define the role of the river industry in terms of answering questions raised by attendees who had additional questions for the panel based on her testimony. "As your committees continue to consider energy resources and labor, we urge you to appreciate the conduit of the inland waterways and port system to Pennsylvania's competitiveness and growth" said Bucci.

Pictured (L-R): Jeff Nobers - Exec. Dir. of the Builders Guild of Western PA & Pittsburgh Works Together, PortPitt Commissioner Senator Devlin Robinson, PortPitt Exec. Dir. Mary Ann Bucci, ER&E Chair Senator Gene Yaw, and L&I Chair Senator Camera Bartolotta.

A video of the hearing can be viewed here: https://tinyurl.com/Bucci-Testimony

Spotlight: Meet Bob Winters, Protective Security Advisor, Pittsburgh, DHS Cybersecurity and Infrastructure Security Agency

Bob Winters is the Department of Homeland Security Protective Security Advisor for the Pittsburgh District. He has served Western PA for the last 17 years for the Cybersecurity and Infrastructure Security Agency (CISA) of the US Department of Homeland Security. As an advisor, he has the unique opportunity to work with owners, operators, and protectors of critical infrastructure sites to aid them with services to be better protected and more resilient. From a suite of cybersecurity services and tools that his agency delivers, to assessments with options for consideration that enable infrastructure sites to see how their protection, plans, and dependencies compare to like sites from across the county, these interactions can be fruitful and rewarding. At a recent Risk and Security Symposium, a local utility credited these services with the facts they needed to obtain over $10 M in loans from a low-interest source that will benefit their authority and customers for decades.

If you are interested in learning more about Mr. Winters and his work in our region, or how he can assist your company, please drop him and email: bob.winters@cisa.dhs.gov

Phishing continued from page 2

How to protect yourself and your organization against phishing:

- Do not trust the name given in the email – Verify the sender via their email address carefully.

- Read the greeting – Batch-sent phishing emails often use a generic name or salutation such as "Valued employee" instead of your name.

- Check for misspellings and typos – verify that the sender's email address is correct. (Example Nate@PortPitt.com vs Nate@PortPittt.com), as well as the body of the message is well typed and correctly spelled.

- Question any direct urging to open files, links, or attachments – "Your account has been compromised click here to fix it" or other urgings such as "Important business document enclosed, review immediately!" These statements are tailored to discourage thinking critically by giving a sense of urgency.

- When in doubt verify the message sent to you directly – Always trust your gut. If unsure of a message and its validity, verify it directly with the person in question using contact information you already have, or can be directed to you by a trusted person. Do not attempt to verify using information given to you in the message in question. Any suspicious communication claimed to be from a government or financial entity should be verified via their publicly listed communication channels.

- Use two factored authentication – Two factor authentication or (2FA) makes it more difficult for an attacker to enter a system unauthorized. Effective 2FA should make use of a secondary authenticator that is held in the physical possession of the authorized individual such as token generator or mobile phone for best security.

- The United States Government, the Commonwealth of Pennsylvania, the Port of Pittsburgh Commission, the police, your bank, your stock broker, or any other trusted institution will never contact you via the phone or email and request your personal information, or information you have already provided to them unprompted. Your government will not solicit money or fines from you via phone or email and any message doing so is fraudulent. Nor will your government ever accept or solicit payment in the form of cryptocurrency, gift cards, or MoneyGram, and any message doing so is fraudulent.

- Most of all, trust your gut and remain vigilant.

Nate Turer is the newest member of the Port of Pittsburgh Commission team. He is our expert on cybersecurity. For any questions or concerns about cybersecurity feel free to contact Nate at any time at Nate@PortPitt.com.

DLC DUQUESNE LIGHT CO.
ELECTRIFY YOUR FLEET
THAT'S THE CHARGE

Your Custom Roadmap to an Electric Fleet

Whether it's ownership savings, advanced performance, reduced greenhouse gas emissions, or more, there are many reasons why organizations are choosing to power their fleet vehicles with electricity. Through DLC's free Electric Fleet Advisory Service, we'll help you explore your fleet electrification options, and then you may be eligible to receive incentives and assistance for the installation of fleet charging stations through DLC's Fleet Charging Program.

PROGRAM BENEFITS

Receive Technical Assistance
We'll analyze your fleet data and work closely with you to understand your fleet requirements so we can provide you with a free customized roadmap to fleet electrification, including:

- EV acquisition recommendations for up to 10 years
- Capital, O&M, and Total Cost of Ownership comparisons
- EV charging infrastructure requirements
- Available financial incentives
- Environmental impact analysis

Achieve Your Goals
Use your electric fleet roadmap as a guide for fleet purchasing decisions to lower your total fleet operating costs and reduce your fleet's environmental impact.

HOW IT WORKS

1. You'll provide your historical fleet data and requirements to DLC.
2. We'll review your data together, identify any gaps, and agree on assumptions.
3. Our team will analyze your data and produce an assessment report for your organization.
4. We'll review the report and results with decision-makers within your organization to help them understand your fleet electrification opportunities.

Your organization will be asked to commit your fleet data and limited time of key fleet personnel to participate.

READY TO GET STARTED?

Contact a DLC EV specialist at **electricvehicles@duqlight.com**.

Visit **www.DuquesneLight.com/ElectricFleet** to learn more about how our free Electric Fleet Advisory Service can provide you with a customized roadmap for electrifying your fleet.

Pittsburgh River History Fact!

On September 18, 1953 two thousand Pittsburghers and state officials traveled to Saltsburg, Indiana County, by special train and auto to participate in the dedication of the Conemaugh Dam, a $46.2 million bulwark against floods and the largest and most important dam in a $125 million flood-control system. The speaker was Maj. Gen. S.D. Sturgis Jr., chief of the Army Corps of Engineers. More than 70 years ago he warned that navigational locks and dams on the Ohio River were in desperate need of rehabilitation.

SAVE THE DATE!

Waterways Association of Pittsburgh Annual Holiday Gala
Friday, December 9, 2022, 6:00pm
Hilton Garden Inn – Southpointe, 1000 Corporate Drive, Canonsburg, PA

Waterways Association Annual Meeting
Monday, January 11, 2023, 12:00pm
The Fez -2312 Broadhead Road, Aliquippa, PA

Three Rivers Pollution Response Council General Membership Meeting
Wednesday, February 14, 2023, 9:00am
Gaetano's -1617 Banksville Road, Pittsburgh, PA

Traffic Club of Pittsburgh Annual Dinner
Thursday, March 2, 2023, 6:00pm
David L. Lawrence Convention Center - Downtown Pittsburgh

OUR PORTPITT TEAM

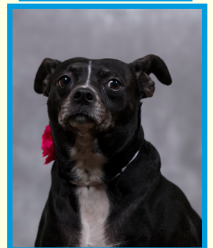| **MARY ANN BUCCI** Executive Director	**SCOTT HARSHMAN** Marketing & Program Manager	**MATT PAVLOSKY** Public Relations Manager	**MIKE BRINZA** Operations Manager	**NATE TURER** Logistics & Cybersecurity	**MICHA** PortPitt Mascot