



TOMAX
NEWS

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PLUS:

TARIFF CONCESSIONS GAZETTE (TC)

Tariff Concession Orders (TCOs) are an Australian Government revenue concession that exists where there are no known Australian manufacturers of goods that are substitutable for imported goods. Objectors to the making of a TCO are not identified unless the objection is successful. At least 50 new TCOs are made each month.

When a new TCO is made, it is published in the Gazette by the Australian Border Force. The weekly Tomax Client Newsletter will contain a link to the latest Gazette document so that you can stay updated.

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STRIKE AT BRITISH COLUMBIA PORT COMES TO AN END

The 13-day strike at British Columbia ports appears to have come to an end as the International Longshore and Warehouse Union Canada and the B.C. Maritime Employers Association reached a tentative four-year agreement on Thursday morning, as confirmed by both parties.

According to the union's statement, the agreement was reached just 10 minutes before the 10:30 a.m. PT deadline for reviewing recommended settlement terms from a federal mediator. The B.C. Maritime Employers Association (BCMEA) announced that work would resume at 4:30 p.m. PT shift on Thursday. However, the agreement still needs to be ratified by both sides, so no specific details about the terms have been made public, as stated by the BCMEA.

In a statement, the BCMEA expressed regret for the significant impact the labour disruption had on the economy,

businesses, workers, customers and all Canadians. They emphasised the need to work together to restore cargo operations swiftly and safely, rebuild the reputation of Canada's largest gateway, and ensure future supply chain stability and resilience.

Since July 1, approximately 7,400 workers have been on strike, resulting in the suspension of shipments in and out of around 30 ports in B.C., including the Port of Vancouver, Canada's largest port. The Greater Vancouver Board of Trade reported that there are currently 63,000 shipping containers stuck on vessels awaiting unloading at B.C. ports. If the strike were to continue until the end of July, this number could increase to 245,000.

Labour Minister Seamus O'Regan and Transport Minister Omar Alghabra praised the news of the tentative agreement in a joint statement, thanking both sides for their negotiations. They emphasised the

significance of the relationship between industry and labour to the national interest and expressed their desire to avoid such disruptions in the future. Earlier this week, O'Regan had ordered a mediator to propose terms for a potential settlement, stating that the gap in the stalled talks did not justify a continued work stoppage.

Business groups have welcomed the news but are calling for measures to prevent similar disruptions in the future. The Canadian Federation of Independent Businesses stated that it would take months to resolve the supply chain backlogs caused by the strike and urged the federal government to consider designating ports as essential services before future labour conflicts arise.

Bridgitte Anderson, president of the Greater Vancouver Board of Trade, requested that the government explore additional tools to address future labour disputes. She highlighted the significant impact of the 13-day strike on Canada's

West Coast ports and the economy, estimated at disrupting \$9.7 billion in trade.

The strike has also had a significant effect on rail shipping, with Canadian railways experiencing a sharp decline in container shipments. Canadian National Railway Co.'s revenue ton miles fell 60% in the first week of the strike, while Canadian Pacific Kansas City Ltd. saw a 45% drop, according to RBC Dominion Securities analyst Walter Spracklin. This has led to a substantial decrease in the number of containers transported by Canadian railways compared to the same period in 2022, according to the American Railroad Association. Container shipments are a vital source of revenue, accounting for approximately one-quarter of the annual revenue for Canada's two main railways.

CBC. (2023). Union, employer reach tentative 4-year deal to end B.C. port strike. Retrieved from <https://www.cbc.ca/news/canada/british-columbia/bc-port-strike-deal-deadline-1.6905492> on July 13th, 2023.





VOYAGE USING AUTONOMOUS NAVIGATION SUCCESSFULLY DONE

Samsung Heavy Industries (SHI) has successfully conducted a demonstration of its autonomous navigation technology on a containership in the South China Sea. The South Korean shipbuilder considers this industry-first demonstration to be a significant achievement in the region, connecting South Korea and the South China Sea.

During the autonomous voyage, SHI's advanced technology, including autonomous AIS, radar, camera sensors, and sensor fusion, effectively detected and identified over 9,000 obstacles such as ships and buoys within a 50-kilometre radius. When encountering other vessels, the technology provided safe detour suggestions, as well as avoidance paths for approaching ships.

The accuracy of the route suggestions was validated, with the autonomous navigation system aligning with more than 90% of routes set by an experienced navigator. Kim Hyun-jo, director of SHI's autonomous

operation research centre, expressed the shipbuilder's commitment to becoming a leader in autonomous operations and smart ship technologies. He stated, "we have demonstrated SHI's advanced autonomous navigation technology successfully not only in Jeju Island and Dokdo but also on global routes."

The containership used in the demonstration was equipped with SHI's smart ship technology, including SVESSEL CBM, a remote fault diagnosis system, and SVESSEL eLogbook, an electronic logbook developed by SHI. SHI anticipates that this technology will contribute to reducing ship operating costs and enhancing crew efficiency.

Williams, A. (2023). SHI COMPLETES VOYAGE WITH AUTONOMOUS NAVIGATION. Retrieved from <https://www.thedcn.com.au/news/containers-and-container-shipping/shi-completes-voyage-with-autonomous-navigation/> on 10th July, 2023.

SMART CONTAINERS TO INCREASE SIXFOLD OVER NEXT 5 YEARS

According to Drewry's Container Census & Leasing Annual Review & Forecast, the number of telematics-enabled shipping containers in the global fleet is projected to increase sixfold in the next five years. By 2027, these smart containers are expected to make up 30% of the worldwide container fleet, driven primarily by wider adoption in the dry container sector. Smart containers as those equipped with telematics devices that offer real-time tracking and monitoring capabilities.

The report anticipates a faster adoption rate of smart containers in the coming years as the costs of these devices decline. Several factors contributed to the market's growth, including supply chain disruptions and port congestion during the pandemic, which highlighted the need for improved visibility of cargo flows and container fleet management. Carriers, benefiting from recent industry profitability, have funds available for investment and recognise opportunities to enhance operational efficiency through the deployment of smart containers.

By the end of 2022, approximately 5.6% of the global container equipment fleet had telematics devices, with a 57% growth throughout the year. This marks a significant acceleration compared to the 32% growth recorded the previous year. Smart device adoption varies across equipment types, with high penetration in reefer containers and land-based intermodal container fleets, but lower in the dry box sector. Drewry estimates that over half of the maritime reefer and land-based intermodal container fleets are already smart-enabled.

Over the next five years, the number of smart containers in the global fleet is expected to skyrocket, reaching over 10 million units, representing up to 30% of total box inventories worldwide. This

acceleration will be driven by increased uptake in the dry container fleet, where current penetration is as low as 0.7%. Leading carriers like Hapag-Lloyd and ONE have committed publicly to equipping their entire dry box fleet with smart devices, prompting other carriers to follow suit.

Shipping lines will benefit from return on investment by optimising their box fleet and cargo operations. Previous attempts to develop the dry smart fleet failed due to additional fees and lack of integration into carrier IoT service offerings, which deterred demand from beneficial cargo owners (BCOs). Digitising container fleets enables carriers to better control maritime supply chain information flows, enhance cargo visibility, and secure longer-term contractual commitments from BCO clients. However, carriers face competition from alternative tracking solutions, such as removable devices or predictive analytical tools. To achieve a significant transformation, further investment is required to integrate smart containers into carrier IoT systems, and collaboration among industry stakeholders is essential to enable data sharing, especially between carrier alliance and VSA partners.



Ackerman, I. (2023). SMART CONTAINERS TO MAKE UP 30% OF GLOBAL BOX FLEET BY 2027: REPORT. Retrieved from <https://www.thedcn.com.au/news/containers-and-container-shipping/smart-containers-to-make-up-30-of-global-box-fleet-by-2027/> on 12th July, 2023.

STAFF SPOTLIGHT

STEPHANIE TOHANEAN DRIVER SUPERVISOR TOMAX TRANSPORT QLD

What is your role at Tomax?

I am a Driver Supervisor.

Your hobbies and interests?

I enjoy going to the gym, gaming and the beach.

Which games do you play?

My go-to games would have to be Call of Duty and Fortnite, but I am trying to complete Harry Potter haha!



If you could only bring one thing to a deserted island, what would it be?

My family, including my cat.

What do you believe is the greatest invention of all time and why?

The internet or

aircon - because it's essential for a good sleep in summer.

The most delicious thing you've eaten?

Chocolate and McDonald's.

Do you have any hidden or not-so-hidden talents?

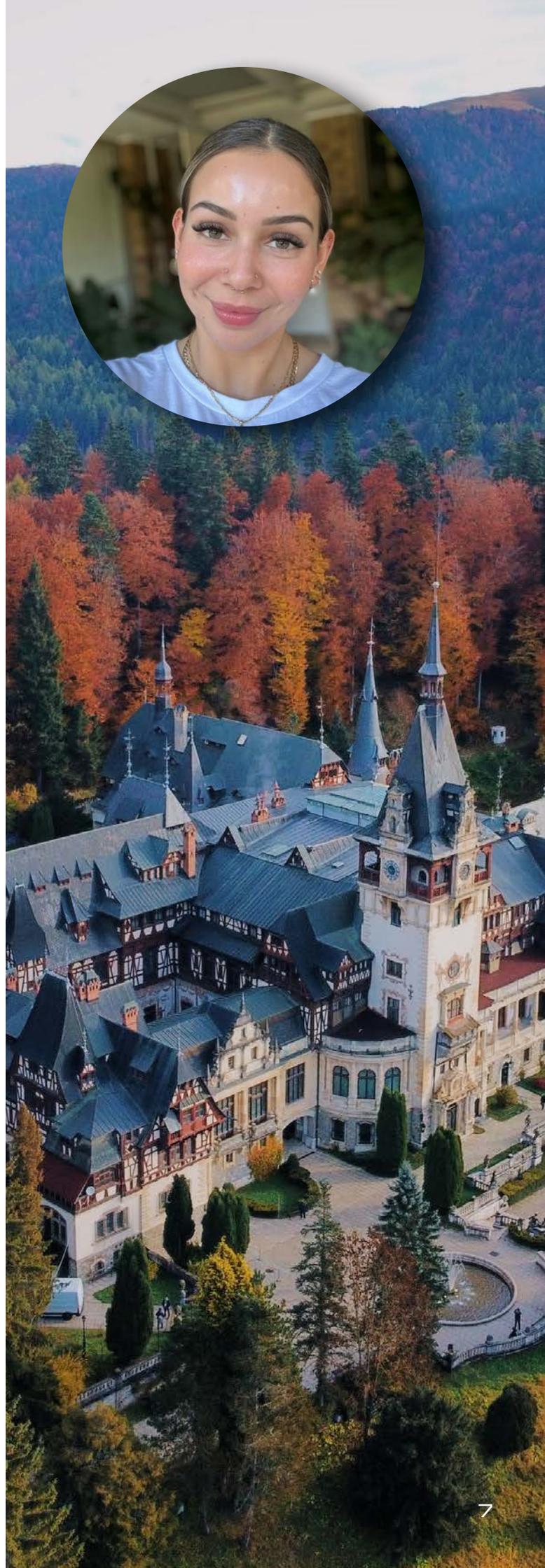
Baking!

Your dream destination?

Romania, as my parents were born there.

A life motto you live by?

"It is what it is".



FRIDAY FUNNIES

Happy Friday! We hope these jokes put a smile on your face!

How much do dead batteries cost?

There should be no charge.

I used to be afraid of painting, but eventually I brushed it off.

What's the best way to make an egg roll?
Push it.

Why did the golfer cry?

He was going through a rough patch.

Did you hear about the tree that went into banking?

It started its own branch.

I once made a lot of money cleaning up leaves.

I was raking it in.

Why do barbers make good drivers?

They know a lot of short cuts.

Did you hear about the ski trip?

It started off fine but went downhill fast.

How do you know when a computer is on a diet?

It stops eating after only one byte.

Did you hear about the broken guitar for sale?

You can buy it with no strings attached.

What do you call a cow with bad manners?

Beef jerky.

Why didn't the elf pay his rent?

He was a little short.

I only catch the cold on weekdays.

Probably because I have a weekend immune system.

Did you hear about the kidnapping?

They woke her up.

Why should you avoid artists?

They tend to be sketchy.



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