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North
America

Transportation's Top Stories

Air Transport Updates

CANADA

✈️ **Air Canada shares drop after airline reports record revenue, but rising expenses**



Source: Financial Post

Air Canada posted a net profit and reported record passenger and operating revenues for the fourth quarter of 2022, but it wasn't enough to assuage investors who drove the airline's shares down more than eight per cent. Air Canada expects to be back at pre-pandemic travel levels by next year as demand returns.

Air Canada shares drop after airline reports record revenue, but rising expenses, February 17, 2023, www.financialpost.ca

✈️ **Quarterly civil aviation statistics, third quarter 2022**



Source: Statistics Canada

Total operating revenue for the 24 largest Canadian air carriers totalled \$8.0 billion in the third quarter of 2022, significantly higher than the same quarter of 2021 and almost equal to the revenue generated in the third quarter of 2019. In the third quarter of 2022, passenger revenue remained the primary revenue source for airlines, at \$7.0 billion. Air cargo generated \$593.0 million, or 7.4% of the total, roughly twice the share of revenue prior to the COVID-19 pandemic. Following 10 consecutive quarters of losses, Canadian air carriers reported positive net operating income (\$750 million) for the first time since the start of the pandemic. In the third quarter of 2022, Canadian carriers transported 21.2 million passengers on scheduled and charter services, more than twice the number flown during the same period in 2021.

Quarterly civil aviation statistics, third quarter 2022, February 17, 2023, www.statcan.gc.ca

Air Canada Launches Digital Identification; First Airline to Test Facial Recognition Technology for Identification Verification in Canada

Air Canada announced it has launched digital identification, becoming the first airline in Canada with approval to offer customers the safety and convenience of a new option using facial recognition technology to confirm identification. In a pilot project currently underway, Air Canada's digital identification is now available for customers departing from Vancouver International Airport (YVR) when boarding select flights to Winnipeg, and for eligible customers entering the Air Canada Café at Toronto Pearson International Airport. Air Canada plans to expand digital identification options to select Canadian airports and Maple Leaf Lounges as part of its pilot project phase.

Air Canada Launches Digital Identification; First Airline to Test Facial Recognition Technology for Identification Verification in Canada, February 20, 2023, www.aircanada.ca

Air Canada Wins 2023 HRD Innovative HR Teams Award for Forward-Thinking HR Programs

On February 21, 2023 it was reported that Air Canada was recently named a winner of the 2023 HRD Innovative HR Teams award. The award from leading human resource publication HRD Canada, recognizes organizations which have taken a leadership position by successfully implementing innovative and forward-thinking human resource programs.

Air Canada Wins 2023 HRD Innovative HR Teams Award for Forward-Thinking HR Programs, February 21, 2023, www.aircanada.ca

Porter touches down in Calgary

Porter Airlines on February 22, 2023 celebrated the inaugural flights between Toronto Pearson International Airport (YYZ) and Calgary International Airport (YYC). The airline now flies to the two largest cities in Alberta as it grows its national network. Service between Calgary and Toronto Pearson begins with two daily, non-stop return flights, increasing to three daily as of June 1, 2023. The flights are operated with Porter's new Embraer E195-E2 aircraft. The 132-seat aircraft features an all-economy, two-by-two configuration, which makes Porter the only airline with no middle seats on this route.

Porter touches down in Calgary, February 22, 2023, www.flyporter.com

Monthly civil aviation statistics, December 2022



Source: Statcan

Major Canadian airlines carried 6.1 million passengers on scheduled and charter services in December 2022, more than one-and-a-half times the same month in 2021 and 85.1% of the December 2019 level, before the COVID-19 pandemic. With traffic at 16.1 billion passenger-kilometres and capacity at 19.4 billion available seat-kilometres, the passenger load factor (the ratio of passenger-kilometres to available seat-kilometres) was 83.2% in December 2022, in line with pre-pandemic levels. Operating revenue earned in December 2022 reached pre-pandemic levels for the first time. Overall, in 2022, Level I carriers transported 62.7 million passengers, which was nearly triple the number of passengers from 2021 and almost three-quarters (73.4%) of the 2019 volume.

Monthly civil aviation statistics, December 2022, February 23, 2022, www.statcan.gc.ca

US/WORLD

Air Canada and United Airlines to Offer More than 260 Daily Transborder Flights and Two New Routes this Summer

Air Canada and United Airlines announced on February 23, 2023 that, through their enhanced transborder joint business agreement, they will offer industry leading capacity and new routes between Canada and the U.S. for summer 2023 – including a new United-operated flight between Washington-Dulles and Calgary and a new Air Canada-operated flight between Washington-Dulles and Vancouver. The carriers have collaboratively optimized their schedules, subject to applicable government and regulatory conditions, and added more flights to provide customers greater connectivity and more flexible flight

times, with over 80 transborder codeshare routes and more than 260 daily flights.

Air Canada and United Airlines to Offer More than 260 Daily Transborder Flights and Two New Routes this Summer, February 23, 2023, www.aircanada.ca



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Transportation's Top Stories

Rail Transport Updates

CANADA

Government of Canada launches process to identify and qualify up to three top candidates to build High Frequency Rail between Quebec and Toronto

On February 17, the Minister of Transport, the Honourable Omar Alghabra, and the Minister of Canadian Heritage and Quebec Lieutenant, the Honourable Pablo Rodriguez, announced a major step in the procurement process for the High Frequency Rail project: the launch of the Request for Qualifications (RFQ). The RFQ is the next step following the Request for Expressions of Interest that opened in March 2022. The Request for Qualifications launches the formal procurement process and outlines: 1. The context and features of the High Frequency Rail project (e.g., current challenges in the Corridor, purpose of the project, and objectives); 2. The procurement process, including the evaluation criteria regarding how proposals will be evaluated, security requirements for candidates, funding support for proposal development during the RFQ process, and key principles of the commercial agreement for the execution phase; 3. The key players in the project (e.g., VIA HFR, private developer partner, VIA Rail, Government of Canada) and how they will work together; and 4. Project outcomes that the private developer partner will be expected to meet or exceed (e.g., shorter journey times, more frequent departures, more reliable service, etc.)

Government of Canada launches process to identify and qualify up to three top candidates to build High Frequency Rail between Quebec and Toronto, February 17, 2023, www.tc.gc.ca

Update on Negotiations with Unifor in Canada

CN has been in ongoing negotiations with Unifor since October 2022. The union represents approximately 3,000 employees working in

various departments such as Mechanical, Intermodal, and Facility Management, and in clerical positions in Canada. On December 16, 2022, Unifor filed for conciliation. CN remains committed to achieving a negotiated settlement and avoiding labour action. As part of that effort, CN tabled a comprehensive offer with the Union on February 14, 2023. The offer includes increases in net pay and benefits. It also resolves outstanding issues between the parties and provides improved working conditions for all represented employees.

Update on Negotiations with Unifor in Canada, February 17, 2023, www.cn.ca

Rail may have missed its window for growth

Intermodal loaded container volumes have dropped about 11% year over year, which is not terribly shocking considering declining goods demand. The real story for intermodal is the 8% drop in container shipments versus the pre-pandemic level in February 2020 and that their cost advantage over trucking is near all-time lows. When trucking capacity tightens and rates increase, intermodal shipping on the railroads becomes a lot more attractive in general. That does not appear to have happened during the pandemic years. Aggregate demand for goods has fallen over the past 12 months according to just about every macroeconomic indicator, but it remains elevated above the pre-COVID period — which means rail demand should still outperform early 2020 levels.

Rail may have missed its window for growth, February 18, 2023, www.freightwaves.com



Unifor taking strike votes at CN



Source: Inside Logistics

Unifor’s two national bargaining committees continued contract negotiations with CN the week of February 13-17, 2023 in Montreal. This was the fifth bargaining session with the company since bargaining opened on October 19, 2022. Unifor’s national collective agreements with CN that cover the working conditions of more than 4,000 workers, expired on December 31, 2022. Two bargaining committees are involved, Council 4000 and Local 100. Local 100 represents locomotive and freight-car mechanics, electricians and apprentices. Council 4000 represents over 3,000 workers including workers at CN, Intermodal, CNTL and CN Savage Alberta Railway. The union filed a Notice of Dispute with Federal Mediation and Conciliation Service (FMCS) on December 16, 2022 and has been negotiating with assistance of federal conciliators since then. The union said in a media release that although substantial progress has been made towards its bargaining aims, a couple of outstanding issues remain with Local 100. The union said these include “the employer making changes to the existing substance testing process under the Company’s drug and alcohol policy.”

Unifor taking strike votes at CN, February 20, 2023, www.insidelogistics.ca



Siemens Mobility Lands Metrolinx M/W Contract



Source: Railway Age Metrolinx has awarded Siemens Mobility a contract for track, signal and right-of-way maintenance services for the agency’s GO Transit regional/commuter rail infrastructure system in Toronto’s West Region. Currently, Siemens Mobility provides various services and products to **Metrolinx**, including C&S back office support and fault control services at Metrolinx’s Network Operations Center (NOC) in Oakville, Ontario. “This new maintenance service contract will further strengthen Siemens Mobility’s ongoing relationship with Metrolinx while increasing the organization’s footprint in the Greater Toronto Area,” the company said. “The contract further grows Siemens Mobility’s local Canadian footprint and expand its current team across Ontario. This is part of the overall Siemens footprint in Canada, which includes 33 sites, with more than 2,900 employees. The team will work closely with Metrolinx to mobilize resources, including vehicles and large equipment for start-up of services during the spring of 2023. Our suite of digital tools and software will complement the knowledge and expertise our teams possess with the intelligent use of rail data to provide Metrolinx with superior service 24/7/365.”

Siemens Mobility Lands Metrolinx M/W Contract, February 22, 2023, www.railwayage.com



TSB: Ottawa Confederation Line Remains Hazardous



Source: Railway Age

The first inquiry, the “Ottawa LRT Independent Review Report,” commissioned by the City and conducted by Mott MacDonald Canada, was a review of the Confederation Line Stage 1 asset conditions including the vehicles, signalling, track and operations control center. The 291-page report was completed in April 2022. Though it is marked as “Confidential,” it is available on the City website, is in the public domain, and is downloadable at the end of this article. In a Feb. 3 letter to the city (downloadable below), the TSB said the system’s Alstom Citadis Spirit LRV model, of which there are 34, “has had numerous reliability issues and experienced two serious main-track derailments since it commenced operations.” The trainsets, said the TSB missive, are not sufficiently robust to resist the greater accelerations and passenger loads required to satisfy city specifications and will “continue to pose a risk to safety until the issues are resolved.” Specifically, the TSB said, bogies and wheelsets are not up to the increased torque of the more powerful motors installed to meet city specs. A second inquiry into Ottawa’s problematic light rail system, this time by Canada’s Transportation Safety Board, has warned that the city’s new Confederation Line is a safety risk and should be substantially re-engineered.

TSB: Ottawa Confederation Line Remains Hazardous, February 22, 2023, www.railwayage.com

Minister of Transport provides an update on the next steps of the High Frequency Rail project in Peterborough

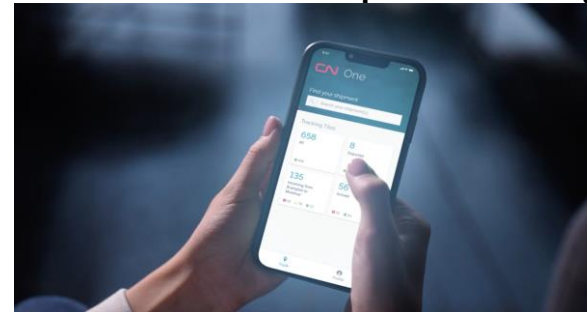
On February 23, 2023, the Minister of Transport, the Honourable Omar Alghabra, and His Worship Jeff Leal, Mayor of the City of Peterborough, provided an update on the next steps for the High Frequency Rail project: the launch of the Request for Qualifications (RFQ). The purpose of the RFQ is to identify and qualify up to three top candidates who will be invited to participate in the Request for Proposals (RFP) process, anticipated to begin in summer 2023. The procurement process will help select a private developer partner to work in collaboration with VIA HFR, the newly created subsidiary of VIA Rail, to design and develop the High Frequency Rail project. The Request for Qualifications is the next step following the Request for Expressions of Interest that opened in March 2022. The Request for Qualifications launches the formal procurement process and outlines:

1. The context and features of the High Frequency Rail project (e.g., current challenges in the Corridor, purpose of the project, and objectives);
2. The procurement process, including the evaluation criteria regarding how proposals will be evaluated, security requirements for candidates, funding support for proposal development during the RFP process, and key principles of the commercial

3. The key players in the project (e.g., VIA HFR, private developer partner, VIA Rail, Government of Canada) and how they will work together;
- and 4. Project outcomes that the private developer partner will be expected to meet or exceed (e.g., shorter journey times, more frequent departures, more reliable service, etc.).

Minister of Transport provides an update on the next steps of the High Frequency Rail project in Peterborough, February 23, 2023, www.tc.gc.ca

CN Launches Consolidated Shipment-Tracking Tool



Source: Railway Age

The new CN One Mobile app features a consolidated shipment-tracking tool for both carload and intermodal customers, [CN](#) reports. Launched Feb. 16, the app (view below) provides a real-time “snapshot” of a shipment on [CN](#)’s network, allowing customers to follow the movements of their merchandise without using multiple tracking tools, according to the Class I railroad. Customers can track not only shipment status, but also estimated time of arrival and receive shipment notifications. Additionally, they can access map views and tracking features to view, search, filter and share shipment details “anytime, anywhere,” [CN](#) noted. For use on the web or on mobile devices, the app is available in English and French from the Apple App Store and the Google Play Store. [CN](#) told *Railway Age* on Feb. 23, 2023 that while the app “is still new to market, overall user experience and initial customer feedback is positive.

CN Launches Consolidated Shipment-Tracking Tool, February 23, 2023, www.railwayage.com

US/WORLD

Union Pacific reaches sick leave agreements with 2 unions

Union Pacific reached sick leave agreements over the weekend with two unions, the National Conference of Firemen and Oilers (NCFO) and the Brotherhood of Railway Carmen (BRC). UP said the agreements will be effective April 1, 2023. They call for the two unions to receive access to up to seven paid days to use for sick leave. The railroad said it would continue to work with other unions to find sick time solutions. "Union Pacific remains committed to addressing our employees' concerns," UP said in a statement on February 20, 2023. The sick leave is in addition to paid personal days off offered to UP employees.

Union Pacific reaches sick leave agreements with 2 unions, February 20, 2023, www.freightwaves.com

USDOT Secretary Buttigieg Calls on Rail Industry to Take Immediate, Commonsense Steps to Improve Accountability and Safety and Highlights Ways Congress Can Support these Efforts

On February 21, 2023, as local, state, and federal officials continue to investigate the cause of the derailment in East Palestine, Ohio, and monitor public health conditions, U.S. Transportation Secretary Pete Buttigieg called for a three-pronged push to hold the freight rail industry accountable and improve safety. That includes laying out immediate steps for Class I railroads to take to improve rail safety in communities across America and to improve working conditions for rail employees. It comes on the heels of Secretary Buttigieg's letter to Norfolk Southern's CEO, in which the Secretary called for an end to the rail industry's "vigorous resistance" to increased safety measures, which has included litigation and lobbying Congress. More specifically: 1. Among the immediate calls for action: Freight rail industry should accelerate phase-in of safer tank cars and provide workers paid sick leave, and Congress can raise existing caps on the fines for rail safety regulations. 2. USDOT will advance train crew staffing rule, initiate a focused safety inspection program on routes over which high-hazard flammable trains (HHFTs) travel. 3. Secretary Buttigieg: "We at USDOT are doing everything in our power to improve rail safety, and we insist that the rail industry do the same – while inviting Congress to work with us to raise the bar"

USDOT Secretary Buttigieg Calls on Rail Industry to Take Immediate, Commonsense Steps to Improve Accountability and Safety and Highlights Ways Congress Can Support these Efforts, February 23, 2023, www.dot.gov

Carloads, Intermodal Volume Down for Week 7



Source: Railway Age

U.S. rail traffic for the week ending Feb. 18, 2023 (Week 7) dipped 6.5% from the same week last year, the Association of American Railroads (AAR) reported Feb. 22, 2023. U.S. Class I railroads hauled a total of 466,932 carloads and intermodal units, comprising 229,227 carloads, down 3.9%, and 237,705 containers and trailers, down 8.8%. Canadian railroads reported 82,527 carloads for the week ending Feb. 18, 2023, rising 11.1%, and 59,995 intermodal units, decreasing 6.9% compared with the same week last year. For the first seven weeks of 2023, they reported cumulative rail traffic volume of 976,106 carloads, containers and trailers, a 4.7% gain.

Carloads, Intermodal Volume Down for Week 7, February 22, 2023, www.railwayage.com



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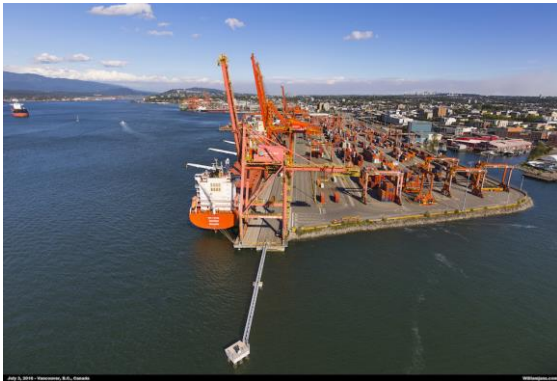
North
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Transportation's Top Stories

Marine Transport Updates

CANADA

The Port of Montreal wants to invest in future infrastructure



Source: AJOT

The Port of Montreal has earmarked \$335+ million in its new five-year investment plan for its infrastructure on the Island of Montreal. These investments are necessary to consolidate the Port of Montreal's status as a trade platform at the heart of the strategic St. Lawrence corridor, to support the energy transition, and to promote harmonious cohabitation with the neighbouring community. The announcement was made by Martin Imbleau, President and Chief Executive Officer of the Montreal Port Authority (MPA) this morning during a speech at the Transport and Logistics Forum organized by the Chambre de commerce de l'Est de Montréal (CCEM). During his speech on a strong and decarbonized supply chain originating in the east end, MPA President and Chief Executive Officer Martin Imbleau outlined the Port of Montreal's role and scope in the city's east end from a long-term perspective. Now that the Port of Montreal is approaching its full

container handling capacity, it wants to invest heavily in its infrastructure on the island, which stretches 26 km between Cité-du-Havre and the east end of the island. These investments are geared to achieve four main objectives.

The Port of Montreal wants to invest in future infrastructure, February 20, 2023, www.ajot.com

Centerm Expansion Project complete, increasing Port of Vancouver container capacity

Construction on the Centerm Expansion Project at the Port of Vancouver is now complete, as the Vancouver Fraser Port Authority continues to partner with industry and government to deliver the sustainable infrastructure needed to support growing trade and stronger national supply chains. The expansion project—delivered in partnership with terminal operator DP World—focused on innovative ways to make best use of the limited trade-enabling industrial land available and allow Centerm to handle 60% more containers by increasing the terminal footprint by 15%. Work completed includes expanding the terminal footprint to the west and east, reconfiguring and expanding the container yard, building state-of-art truck gates, expanding the intermodal yard, building a new operations facility, and marine habitat improvements. “We’re incredibly proud of our work leading this award-winning terminal expansion, which adds to our proven track record of delivering top-tier sustainable infrastructure to support Canada’s growing trade,” said Cliff Stewart, vice president of infrastructure at the port authority, the federal agency mandated to enable Canada’s trade through the Port of Vancouver. “The expanded Centerm terminal is an important addition to the Port of Vancouver as we continue to work to deliver the container capacity Canadians and Canadian businesses need to thrive now and into the future.”

Centerm Expansion Project complete, increasing Port of Vancouver container capacity, February 21, 2023, www.portofmetrovanouvere.com

The Minister of Transport launches new program to further prevent aquatic invasive species in the Great Lakes and St. Lawrence River regions

On February 22, 2023, the Minister of Transport, the Honourable Omar Alghabra, announced \$12.5 million in funding to launch the [Ballast Water Innovation Program](#) as part of Canada's Oceans Protection Plan. The program, which is a central component of the Government of Canada's efforts to advance the implementation and enforcement of the *2021 Ballast Water Regulations*, will play an important role in further reducing the spread of aquatic invasive species in the Great Lakes and St. Lawrence River region by investing in innovative solutions to ballast water management. Evidence shows that ballast water management systems are an effective solution in the Great Lakes and St. Lawrence region. However, technical challenges caused by unique water conditions, such as cooler temperatures and heavy sedimentation rates, can pose a challenge to ballast water management systems in the region. To address these challenges and prevent the spread of aquatic invasive species, this program will: 1. Fund research projects that ensure ballast water management systems are optimized for unique water environments in the Great Lakes and St. Lawrence River region; 2. Provide innovative solutions to ensure the successful implementation of the new ballast water regulations and prevent the entry and spread of invasive aquatic species in the region; 3. Enable the Government of Canada to deepen its technical expertise relating to ballast water management system issues; and 4. Inform Canada's discussions with the U.S. and other countries towards more compatible rules and increased environmental protections.

The Minister of Transport launches new program to further prevent aquatic invasive species in the Great Lakes and St. Lawrence River regions, February 22, 2023, www.tc.gc.ca

Turmoil pushes ocean freight providers to invest in visibility



Source: Inside Logistics

The past few years of supply chain disruptions have driven almost three quarters of ocean freight stakeholders to invest in visibility technology for their operations. COVID-19, market volatility, global political conflict, material shortages and extreme weather events have driven 73 percent of respondents to invest in supply chain visibility, with 46 percent planning to invest more in 2023. That's according to a new survey released today by *FourKites*. The survey polled over 350 supply chain professionals to shed light on the top issues facing the ocean shipping industry. "Shippers and other players in the supply chain ecosystem are getting smarter about allocations by tapping into more reliable and real-time data, instead of guessing," said Chris Stauber, founder of VentureSoftPM. "They want to know, for instance, what the risk-versus-reward will be for going to an extra port or country to move their containers, or for shifting from one supplier to three for raw supplies. Additional investment is required to get better data, but the value of that data brings a huge reduction in risk."

Turmoil pushes ocean freight providers to invest in visibility, February 22, 2023, www.insidelogistics.ca

Prince Rupert Port Authority Celebrates a Decade of Green Wave Program



Source: Rupert Port

The Prince Rupert Port Authority (PRPA) is marking the tenth anniversary of its Green Wave program by honouring five companies for their outstanding participation in the initiative last year. The recipients of the 2022 Green Wave Award include container shipping companies COSCO Shipping Lines, MSC Mediterranean Shipping Company, and SM Line, along with liquified gas shipping line, Navigator Gas LLC, and BC Ferries. PRPA also acknowledges the owners of two vessels – PIAVIA and NBA Rubens – for actively employing technology to reduce the underwater noise generated by their respective ships and its impact on the communications of marine mammals on the North Coast.

Prince Rupert Port Authority Celebrates a Decade of Green Wave Program, February 23, 2023, www.rupertport.com

US/WORLD

Port of Los Angeles moves 726,014 container units to start 2023

The Port of Los Angeles processed 726,014 Twenty-Foot Equivalent Units (TEUs) in January 2023, a 16% decrease from the previous January's all-time record. "We expect softer global trade throughout the first quarter, particularly compared to last year's record-breaking start," Port of Los Angeles Executive Director Gene Seroka told journalists during a media briefing. "Many factories in Asia have had extended Lunar New Year closures, retailers continue to discount products to clear warehouses and inflation-led economic concerns remain top of mind for Americans. With capacity on our docks today, we're ready to unlock new levels of value and service at the Port of Los Angeles." Seroka was joined at the briefing by John Padgett, President of Princess Cruises. Padgett discussed plans for Princess to expand operations in Los Angeles after a strong 2022. The Port of Los

Angeles had 229 cruise calls last year and expects cruise demand to continue to increase. January 2023 loaded imports reached 372,040 TEUs, down 13% compared to the previous year. Loaded exports came in at 102,723 TEUs, an increase of 2.5% compared to last year. Empty containers landed at 251,251 TEUs, a 26% year-over-year decline.

Port of Los Angeles moves 726,014 container units to start 2023, February 17, 2023, www.ajot.com

Florida seaports see record-high cargo in 2022



Source: AJOT

Florida's 16 seaports experienced a new record high of 112.5 million tons of cargo received during 2022, a six percent increase over 2021, a newly released report from the Florida Seaport Transportation and Economic Development Council (FSTED) shows. Further, Florida's strong performance to answer supply chain demands by encouraging shippers to change shipping lanes and call on the Sunshine State's uncongested ports, has well-positioned Florida to gain an even larger market share over the next five years. As the Seaport Mission Plan shows, strong investments in Florida's 16 publicly owned seaports have well-positioned them as reliable and resilient, and ready to seize the opportunity to become a global hub by capturing an even larger share of international trade and related commercial activities. "Florida seaports have been flexing their muscles, and taking a more aggressive approach to target maritime decision makers. We know the country's 1970's-era supply chain is broken, so we're looking beyond to share how Florida's seaports are the gateway to the world," said Michael Rubin, FSTED Administrator, and President and CEO of the Florida Ports Council.

Florida seaports see record-high cargo in 2022, February 22, 2023, www.ajot.com

Future cargo ships to be powered by wind to fight climate change



Source: AJOT

SHIPS of the future could once again be powered by wind if a pioneering project which retrofits large vessels with ultramodern wing-sails proves successful in cutting carbon emissions. Scientists from the University of Southampton have received funding from Innovate UK to investigate the potential of the technology as part of efforts to decarbonise the UK's maritime sector. The research team intends to create new software tools which accurately predicts how modern vessels perform on the ocean when fitted with the FastRig wing-sails, developed by UK company Smart Green Shipping. Lead scientist Dr Joseph Banks, from Southampton's Marine and Maritime Institute, said that global shipping needs to decarbonise quickly. He added: "Ships powered by wind is obviously nothing new – but almost every large vessel operating today is powered by fossil fuels, leaving a lasting mark on the environment. While new wind-assist technologies are being developed, many are not ready for market and their predicted fuel savings have not been independently verified at sea, which is why UK-funded research projects like this are so important." The grants for the Winds of Change project, the collaboration between Southampton and Smart Green Shipping, was provided by the Department for Transport and Innovate UK, which is working to transform the UK into a world-leader for generating clean maritime equipment. As part of the two-year development programme, scientists will test the impact of a retractable 20metre-high FastRig wing-sail retrofitted on commercial ship the Pacific Grebe – a British 105 metre vessel.

Future cargo ships to be powered by wind to fight climate change, February 23, 2023, www.ajot.com



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Road Transport Updates

CANADA

Emergencies Act crackdown on 'Freedom Convoy' was justified: inquiry



Source: Today's Trucking

A public inquiry has determined that the federal government was justified in using the Emergencies Act to crack down on 'Freedom Convoy' protests – but was still critical of steps such as a decision to suspend vehicle insurance in these efforts. The findings come in a 2,000-page report from the Public Order Emergency Commission, which heard 300 hours of testimony and received more than 9,000 documents concerning the protests that spread from Ottawa to international border crossings in early 2022. Finance Minister Chrystia Freeland and her cabinet colleagues had testified that the protests at the border with the U.S., particularly the blockade of the Ambassador Bridge in Windsor, Ont., threatened Canada's economy and its international reputation as a reliable trading partner.

Emergencies Act crackdown on 'Freedom Convoy' was justified: inquiry, February 18, 2023, www.todaystrucking.com

Urban public transit, December 2022



Source: Statistics Canada

In December 2022, urban transit ridership in Canada reached 107.6 million trips, recovering more than two-thirds (70.2%) of its December 2019 pre-COVID-19 pandemic level. In 2022, there were about 1.2 billion total passenger trips made on Canada's urban transit networks, more than the 778.4 million trips recorded in 2021 but just 61.7% of the 2019 total.

Urban public transit, December 2022, February 21, 2023, www.statcan.gc.ca

How OTA Members Can Take Advantage of Ottawa's \$46 Million in Labour Support for Trucking Industry



Source: Ontruck

On February 21, 2023, the Government of Canada [officially announced](#) a \$46 million program to help the industry deal with the driver shortage and training of potential truck drivers and transportation workers. “This is great news for the Ontario trucking industry,” said OTA Chair James Steed, “There will undoubtedly be a lot of immediate interest from the trucking industry to receive some of this funding, so I encourage OTA members to act quickly to make use of this great opportunity.” This program offers financial incentives and grants to employers across the trucking and logistics sector. There are five ways carriers can take advantage of the program: 1. New Driver Training Grants for All Ages; 2. New Wage Incentives for In-demand Jobs; 3. Student Work Placements; 4. Employer Wage Incentives for Youth; 5. Training Grants for New Youth Driver Recruits

How OTA Members Can Take Advantage of Ottawa’s \$46 Million in Labour Support for Trucking Industry, February 21, 2023, www.ontruck.ca

More funding committed to developing hydrogen as a trucking fuel in Alberta



Source: Today's Trucking

Hydra Energy and Innovative Fuel Systems have received funding from the Alberta Hydrogen Centre of Excellence (HCOE) to prove the

viability of hydrogen fuel in heavy-duty transport. A total of \$20 million was awarded to 18 organizations through HCOE’s first round of funding. Hydra Energy will receive \$550,450 and Innovative Fuel Systems \$2 million, to demonstrate the viability of dual fuel systems that displace diesel with hydrogen. The HCOE funds up to 50% of eligible costs for successful projects. “Unlocking the potential of clean hydrogen is an essential part of the federal government’s plan for a prosperous economic future in Alberta and across Canada. I’m pleased to be working with the provincial government to realize that potential,” said Minister of Natural Resources Jonathan Wilkinson. The HCOE is led by Alberta Innovates. The centre is a funding program, testing and service facility, and forum for facilitating partnerships to de-risk hydrogen technology development.

More funding committed to developing hydrogen as a trucking fuel in Alberta, February 21, 2023, www.todaystrucking.ca

Cash infusion to support driver training



Source: Inside Logisitics

A \$46.3 million federal contribution will help Trucking Human Resources Canada support to recruitment and training of 2,600 new drivers and supply chain workers. The funding comes under the Sectoral Workforce Solutions Program. The organization’s Driving Economic Recovery project will provide training subsidies and wage subsidies to support the recruitment, training and onboarding of up to 1,400 new truck drivers and 1,200 workers for other in-demand occupations within the trucking sector. “The trucking and logistics sector supports every key economic sector and is critical to Canada’s economic success. Expanding and building on the success of our Sectoral Workforce Solutions Program was a specific recommendation in the National Supply Chain Task Force Report,” said Angela Splinter, CEO of Trucking HR Canada. “We are proud to see this important

investment that will directly support industry employers in addressing labour shortages with the hardest-to-fill roles, while also connecting and preparing Canadians for well-paying jobs in our sector.”
Cash infusion to support driver training, February 23, 2023, www.insidelogistics.ca

2022-23 Gas Tax Funding by Municipality

The Ontario government is providing more than \$379.5 million to help 107 municipalities operate and improve local transit. The funding is being delivered through the gas tax program and can be used to extend service hours, buy transit vehicles, add routes, improve accessibility or upgrade infrastructure.
2022-23 Gas Tax Funding by Municipality, February 23, 2023, www.mto-gov.on.ca

US/WORLD

North American Transborder Freight up 3.5% in December 2022 from December 2021

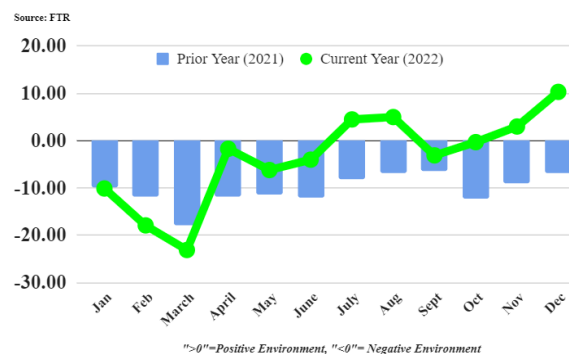


Source: BTS

Transborder freight between the U.S. and North American countries (Canada and Mexico) in December 2022 were as follows: 1. Total transborder freight: \$121.7 billion of transborder freight moved by all modes of transportation, up 3.5% compared to December 2021; 2. Freight between the U.S. and Canada totaled \$60.7 billion, up 0.2% from December 2021; 3. Freight between the U.S. and Mexico totaled \$61.0 billion, up 7.0% from December 2021; 4. Trucks moved \$73.9 billion of freight, up 5.8% compared to December 2021; 5. Railways moved \$16.0 billion of freight, down 2.1% compared to December 2021; 6. Pipelines moved \$10.2 billion of freight, down 4.1% compared to December 2021; 7. Vessels moved \$10.3 billion of freight, up 8.9% compared to December 2021; and 8. Air moved \$5.2 billion of freight,

down 0.4% compared to December 2021. US- Canada trade was as follows: truck: \$31.7b; pipeline \$9.2b; rail \$8.7b; vessel \$3.3b; and air \$3.3b.
North American Transborder Freight up 3.5% in December 2022 from December 2021, February 21, 2023, www.bts.gov

Shipper conditions see best month in nearly three years



Source: Today's Trucking

Conditions for U.S. shippers improved in December 2022, with the FTR Shippers Conditions Index jumping to 10.32 from a November 2022 reading of 3. Industry analyst FTR says the improvement was largely due to a huge drop in fuel prices in December 2022, but lower freight rates, looser capacity utilization, and lighter volumes all contributed to the improved conditions for shippers. It was the best reading since May 2020.

Shipper conditions see best month in nearly three years, February 23, 2023, www.todaystrucking.com



The Chartered
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North
America

Transportation's Top Stories

Other Transport Updates

US/WORLD

Carbon Clean 200 companies outperform dirty energy by 30%

As You Sow and Corporate Knights on February 23, 2023 released their 10th update of the Carbon Clean 200™, a list of 200 publicly traded companies worldwide that are leading the way among their global peers to a clean energy present and future. Key findings include: 1. Clean200 companies generated a total return of 91.21% beating the MSCI ACWI broad market index (87.84%) and MSCI ACWI/Energy Index of fossil fuel companies, (61.31%) on Total Return Gross — USD Basis from the Clean200 inception of July 1, 2016 to Jan. 31, 2023. 2. \$10,000 invested in the Clean200 on July 1, 2016, would have grown to \$19,121 by Jan. 31, 2023, versus \$16,131 for the MSCI ACWI/Energy benchmark for fossil fuel companies. 3. The top 10 companies that contributed the most to the Clean200's outperformance over the past year were primarily from China, the U.S., South Korea, and Sweden. They include electric vehicles, organic foods, energy conservation solutions, and renewable energy themes. "In 2016 we created the Clean200 in response to investors saying, 'if we divest fossil fuels there is nothing to invest in,'" said Andrew Behar, CEO of As You Sow and report co-author. "The Clean200 has demonstrated consistently that what we called the 'clean energy' future seven years ago is now the clean energy present. This year, the scale and global diversity of leading companies continue to expand and redefine the term cleantech to be any company that has products and services that will reduce demand for fossil fuels and water." The top 10 companies on the list by revenue include Apple Inc., which offers sustainably-certified phones and laptops; Alphabet Inc. which includes its web mapping platform; Deutsche Telekom AG.; Verizon Communications Inc. — both in telecommunications services; and Tesla Inc. for its electric vehicles. Thirty-five countries are represented in the Clean200, including the U.S. (42), China (21), Japan (16), Canada (12), and France (11).

Carbon Clean 200 companies outperform dirty energy by 30%, February 23, 2023, www.ajot.com



**The Chartered
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**North
America**

The recording and speaker presentations from the February 23 US Forum Webinar: “North American Freight Railroads: An update on the state of the industry” with the guest speaker, Jay Shabat are available to view.

The video recording is available to view: [\[Here\]](#).

The presentation slides are available to view: [\[Here\]](#).

On Monday, February 27, 2023, the Ottawa Chapter hosted a luncheon with guest speaker Craig Hutton, Associate Assistant Deputy Minister – Policy, Transport Canada on the topic of, “Developing a Roadmap for the Digitalization of Canada’s Transportation Supply Chain”.

Craig’s presentation slides can be viewed [HERE](#).

Job Postings

*** Director, Business Development – Ports, Canadian Pacific (Chicago, IL, Houston, TX or New Orleans, LA)**

About the job

Position Type: Non-Union

Location: Chicago, ILL, Houston, TX or New Orleans, LA

Country: United States

% of Travel: 80-90%

of Positions: 1

Job Available to: Internal & External

This position can be based in Chicago, IL, Houston, TX or New Orleans, LA*

Transportation's Top Stories

Other CILT News

Canadian Pacific is a transcontinental railway in Canada and the United States with direct links to major ports on the west and east coasts. CP provides North American customers a competitive rail service with access to key markets in every corner of the globe. CP is growing with its customers, offering a suite of freight transportation services, logistics solutions and supply chain expertise. Visit cpr.ca to see the rail advantages of CP. For more on our purpose, culture, and strategy, visit www.cpr.ca/en/about-cp.

PURPOSE OF THE POSITION:

As the Director, Business Development you will direct and manage port-related Business Development activities within key focus areas for our business, identifying and creating capacity for growth and improving the Company’s revenue streams. These objectives are achieved by initiating and managing major investment, network restructuring and development opportunities, and by providing input to corporate-wide strategic plans.

You will maintain regular liaison at the senior level with key transportation community stakeholders and chambers of commerce, protecting the Company’s interests, influencing infrastructure and policy decisions, and enhancing the Company’s competitive position.

POSITION ACCOUNTABILITIES:

Identify, qualify and close new business opportunities;
Obtain, synthesize and concisely articulate key customer and market intelligence;
Develop and execute account plans (targets, key contacts, call cycles);
Be “present” in the marketplace with future customer base as well as chambers of commerce and trade associations;
Develop and execute sales representation strategies;
Utilize the Sales and communication tools available to ensure information sharing;

Act as the customer advocate within CP for all commercial issues;
Challenge the product or pricing specifications as set forth by Marketing in the event that such product features/ pricing are uncompetitive;
Communicate terms of sales to responsible parties including Service Requirements to facilitate execution and measurement of product sold;
Ability to deal with multiple stakeholders;
Ability to learn 'on the job' in a complex environment. Values contribution/skilled knowledge of own and cross-functional team members. Able to analyze and identify freight, logistics or solution opportunities within North America;
Communicate, context and carry CP's corporate strategy and key business messages to our customer base

POSITION REQUIREMENTS:

A university or college degree in a related discipline is required;
Must possess a minimum of 5 years of related experience;
Proven track record working to grow import and export business with North American Ports;
Experience with bulk and breakbulk port operations;
Strong overall rail knowledge/ CP strategy;
Superior Supply chain knowledge;
A keen understanding of regulatory affairs and risks;
Strategic approach to each potential customer given their market reach;
Strong negotiation skills and financial acumen;
Strong advocacy/ influence/ persuasion capabilities both within CP and with the customer;
Proven track record in new business development based on strong prospecting skills, and a pro-active sale approach;
Excellent organizational and time management skills;
Detail oriented and able to work under pressure while managing multiple tasks at once;
Experience sitting on councils, committees, and boards
80 – 90% travel.

To apply, go to:

<https://www.linkedin.com/jobs/view/3436890574/?refId=7SWW7i7ZTpGRcUGZ82Za9w%3D%3D&trackingId=7SWW7i7ZTpGRcUGZ82Za9w%3D%3D>

*** Principal Planner: Freight Planning, North Jersey Transportation Planning Authority**

Under the direction of the Director of Freight Planning, the Principal Planner: Freight Planning will be responsible for performing a full range of technical planning, research, analysis, written reports, and outreach activities in the specialized field of freight and goods movement planning. The job requires knowledge of goods movement, the application of tools of analysis, the ability to research freight and related topics and produce reports, as well as the ability of effectively engage and interact with stakeholders in the public and private sector. To apply, please click here:

<https://njit.csod.com/ux/ats/careersite/1/home/requisition/4582?c=njit>

*** Postdoctoral Scholar in Sustainable Freight Transportation Technologies**

The College of Engineering – Center for Environmental Research and Technology (CE-CERT) at the University of California, Riverside, is seeking a highly motivated postdoctoral scholar to join our Transportation Systems Research (TSR) group in conducting research related to sustainable freight transportation technologies. Candidates with knowledge and research experience in freight travel demand modeling, vehicle scheduling and routing, vehicle energy and emissions modeling, geospatial data analysis, advanced optimization, machine learning, and high-performance computing, are encouraged to apply.

The TSR group consists of a multidisciplinary team of more than 20 faculty members, graduate and undergraduate students, and staff engineers. We conduct research in the areas of advanced vehicles and intelligent transportation systems with a focus on developing and evaluating technologies that improve the travel and energy efficiencies as well as reduce the environmental impact of transportation activities. Several recent and current research projects involve the development

of novel sustainable freight transportation technologies, all the way from conceptualization to design, simulation, prototyping, and real-world demonstration.

Specific activities of the successful candidate may include:

- Develop new vehicle scheduling and routing techniques and evaluate their effectiveness
- Model energy, emissions, and air quality impacts of freight movement
- Conduct field testing of new vehicle scheduling and routing techniques
- Perform mining, analysis, visualization, and interpretation of vehicle activity big data
- Assist in producing high-quality publications, reports, and research proposals

- Support additional related research projects as needed

Please click here to view the view description and qualifications:

https://www.cert.ucr.edu/sites/g/files/rcwecm1251/files/2021-10/2021_TSR%20postdoc%20position_2021.10.27.pdf

Those interested should send their curriculum vitae and a cover letter to certjobs@cert.ucr.edu with the subject “TSR Postdoc Position”. In the cover letter, please provide a statement of research interests and experience.



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Join our new International News Feed for all the latest daily news on WhatsApp. WhatsApp is free messaging app for Smartphones.

To download the app to your phone, go to: <https://www.whatsapp.com/> and create your WhatsApp account. Once you have an account, click this link to join CILTNA's INF:

<https://chat.whatsapp.com/LHqtGV1mTip9XqFvzDdV9>

If you need assistance with creating your account or joining, please contact Rebecca Whelan at admin@ciltna.com