



CANADA

 **Canadian Transportation Agency has issued a decision ordering the payment of compensation to passengers affected by a cancellation caused by a crew shortage**




Source: Epoch Times

Two passengers experienced a flight cancellation the day before their scheduled departure. They experienced subsequent flight disruptions and arrived at their final destination 15 hours and 41 minutes later than originally scheduled and requested compensation from Air Canada. Air Canada rejected the two passengers request for compensation on the basis that the flight was cancelled due to crew constraints resulting from the impact of the COVID-19 pandemic, which it considered a safety-related issue. The passengers then filed a complaint with the Canadian Transportation Agency (Agency). In their complaint, the applicants claimed that staffing issues are within Air Canada's control. In their answer, Air Canada took the position that the cancellation was outside its control, because the first officer was unable to complete required training in time due to a number of uncontrollable events affecting its operations. On August 26, 2022, the Canadian Transportation Agency (Agency) issued a decision regarding a flight cancellation caused by a crew

shortage. In this decision, the Agency found that Air Canada did not provide evidence demonstrating that the cancellation of the applicants' flight was outside its control. The Agency ordered Air Canada to compensate both applicants \$1,000 each.

Canadian Transportation Agency has issued a decision ordering the payment of compensation to passengers affected by a cancellation caused by a crew shortage, August 26, 2022, www.cta-otc.gc.ca

 **Transport secretary says airport backlogs are 'unacceptable' but are improving**



Source: Canada Today's News

Transport Minister Omar Alghabra called the delays faced by passengers at airports "frustratingly unacceptable" but said congestion was improving. Mr. Alghabra told a news conference on August 29, 2022 that hiring and coordination between the airlines, government agencies and other parties operating at the country's airports has helped reduce the number of planes stuck on the tarmac, lost luggage and cancelled flights to reduce. However, he said airlines must follow the rules and issue refunds and compensation to eligible passengers when flights are delayed or cancelled, a service issue highlighted by passengers who are forced to sleep on a terminal's floor after being delayed. Toronto Pearson International Airport and others have been plagued by queues

and cancelled flights this summer as air traffic surged while staffing levels lagged. In addition, controls and procedures related to COVID-19 have slowed passenger handling. The bottlenecks are attributed to the shortage of workers at the airport, including government agencies and their contractors who screen passengers and control aircraft traffic, airline employees who deal with baggage and catering companies. The problems were most pronounced in Toronto Pearson, through which half of Canada's international travelers transit.

Transport secretary says airport backlogs are 'unacceptable' but are improving, August 30, 2022, www.canadatodaynews.ca

Monthly civil aviation statistics, June 2022

Major Canadian airlines carried 6.0 million passengers on scheduled and charter services in June 2022, reaching 6 million for the first time since February 2020. This was more than seven times the number of passengers carried in June 2021 and over four-fifths (83.3%) of the June 2019 level. With traffic at 16.0 billion passenger-kilometres and capacity at 19.1 billion available seat-kilometres, the passenger load factor (the ratio of passenger-kilometres to available seat-kilometres) was 83.6% in June 2022, surpassing 80% for the first time since February 2020 and the closest it has reached to pre-pandemic levels. The \$2.0 billion operating revenue earned in June was 87.7% of that earned before the pandemic in June 2019

Monthly civil aviation statistics, June 2022, August 26, 2022, www.statcan.gc.ca

Aircraft movement statistics: Major airports, June 2022

In June 2022, Canada's major airports recorded a total of 487,644 aircraft movements. This was an increase of 29.2% from June 2021 and was 87.6% of the level from June 2019, before the COVID-19 pandemic. Domestic and international traffic continued to recover in June 2022. Domestic movements by Level I-III and foreign carriers reached 83.6% of the pre-pandemic levels from June 2019, while movements to the United States increased to 75.7% and other international traffic to 82.5%. Toronto/Lester B. Pearson International Airport remained Canada's busiest airport, with Boundary Bay Airport moving back into the top three.

Aircraft movement statistics: Major airports, June 2022, August 26, 2022, www.statcan.gc.ca

Air Canada Highlights ESG Achievements and Advancements with its Citizens of the World Corporate Sustainability Report



Source: Air Canada

Air Canada has released the 2021 edition of *Citizens of the World*, describing how the carrier has advanced a range of sustainability programs despite the impact of COVID-19 on the global airline industry. The document, Air Canada's annual corporate sustainability report, details the airline's progress in such areas as safety, wellness, the environment, and employee and community engagement. "Although COVID-19 has had an unprecedented impact on airlines globally, I am proud that Air Canada has kept moving forward on its ESG initiatives and remains focused on its long-term sustainability goals. This has included keeping our customers and employees safe, reducing our environmental footprint, and contributing to the well-being of the communities we serve, notably through the Air Canada Foundation," said Michael Rousseau, President and Chief Executive Officer of Air Canada. "We know that the effects of the pandemic are transitory, but to address sustainability risks and opportunities and help create a more sustainable aviation industry requires a long-term commitment and strategy. *Citizens of the World* is one way we are demonstrating our determination by reporting on our progress."

Air Canada Highlights ESG Achievements and Advancements with its Citizens of the World Corporate Sustainability Report, August 31, 2022, www.aircanada.ca

Air Canada Cargo Becomes First Canadian Carrier to Approve Envirotainer Releye RLP and RAP Containers



Source: Air Canada

Air Canada Cargo will be the first Canadian operator to use the new live monitored, temperature-controlled certified aircraft containers, the Envirotainer Releye RLP and larger RAP, as part of the AC Absolute solution. The Releye RLP and RAP containers are designed to meet the strictest requirements in pharmaceutical air freight. With their unsurpassed 170 hours of autonomy (more than one week) on a single battery charge, it will maintain the temperature and protect the cargo longer than any other available solution. These containers enter service following the recent inauguration of Air Canada Cargo's new cold chain handling facility at its Toronto Pearson International Airport hub, a testament to its continued focus on strong operational integrity and continued investment in cold chain infrastructure. The Releye RLP and RAP containers are equipped with 18 integrated sensors that monitor important aspects during shipping, including their location, internal and external temperature, battery level, humidity, door openings, cargo loaded, and GPS so customers can track their shipments in real time. Air Canada is CEIV Pharma certified by IATA, which signifies that the airline meets the highest standards of safety, security, compliance and efficiency in the transport of pharmaceuticals.

Air Canada Cargo Becomes First Canadian Carrier to Approve Envirotainer Releye RLP and RAP Containers, September 1, 2022, www.aircanada.ca

Porter Airlines and FlightSafety International confirm completion of E195-E2 simulator

Porter Airlines confirms that installation of the E195-E2 flight simulator by FlightSafety International at its Toronto site has been completed. This is the first simulator of its kind in North America and will support Porter's

pilot training as part of its previously-announced order for up to 100 Embraer E195-E2 aircraft. "This is another step forward in our growth plans, as pilots will soon have the opportunity to begin their training ahead of our first E195-E2 flights later this year," said Paul Moreira, executive vice president and chief operating officer at Porter Airlines. "FlightSafety has been Porter's pilot training partner since 2006, so we are pleased that they have completed constructing this simulator on time and to be able to continue this partnership as we grow."

Porter Airlines and FlightSafety International confirm completion of E195-E2 simulator, September 1, 2022, www.flyporter.ca

US/WORLD

Air Travel Consumer Report: Consumer Complaints Up from May, Nearly 270 Percent Above Pre-Pandemic Levels

The U.S. Department of Transportation on August 26, 2022, released its Air Travel Consumer Report (ATCR) on airline operational data compiled for the month of June 2022 and for the second quarter of 2022 for on-time performance, consumer complaints received, mishandled baggage, and mishandled wheelchairs and scooters. There was a 34.9% increase in air travel service complaints from May to June, and complaints are nearly 270 percent above pre-pandemic levels.

Air Travel Consumer Report: Consumer Complaints Up from May, Nearly 270 Percent Above Pre-Pandemic Levels, August 26, 2022, www.dot.gov

Ahead of Labor Day, DOT Launches New Dashboard to Help Air Travelers Know Their Rights When They Experience Flight Disruptions Caused by Airlines

Throughout 2022, Americans have experienced an unacceptable level of flight delays and cancellations. When these disruptions occur, airlines are required to support passengers based on commitments made in their customer service plans, but too often passengers find those plans are difficult to understand and do not guarantee services – such as meals or hotel accommodations when they must wait overnight at an airport – even for flights that are delayed or cancelled because of the carrier. To ensure the traveling public has easy access to this information, the U.S. Department of Transportation on September 1, 2022 rolled out a new [airline customer service dashboard](#), which includes recent improvements

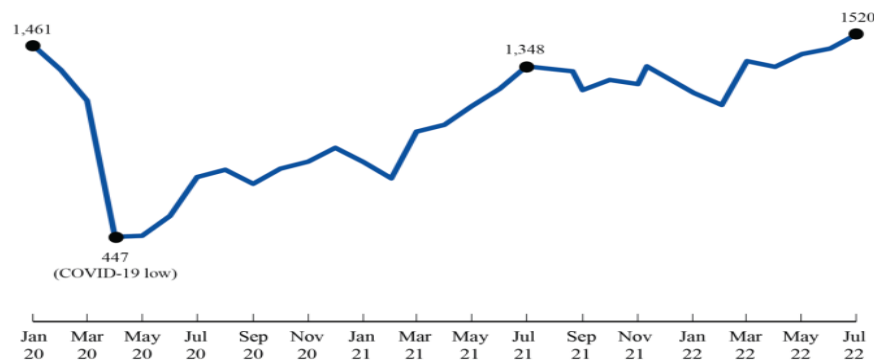
to customer service made by airlines at the urging of Secretary Buttigieg.

Ahead of Labor Day, DOT Launches New Dashboard to Help Air Travelers Know Their Rights When They Experience Flight Disruptions Caused by Airlines, September 1, 2022, www.dot.gov

U.S. Airlines' July 2022 Fuel Consumption Down 9.5% from Pre-Pandemic 2019; Aviation Fuel Cost per Gallon Drops 8.2% in July from June 2022 All Time High, September 1, 2022, www.bts.gov

U.S. Airlines' July 2022 Fuel Consumption Down 9.5% from Pre-Pandemic 2019; Aviation Fuel Cost per Gallon Drops 8.2% in July from June 2022 All Time High

U.S. Airlines Fuel Consumption
Millions of gallons
Scheduled service



Source: US Bureau of Transportation Statistics

Department of Transportation's Bureau of Transportation Statistics (BTS) on September 1, 2022 released U.S. airlines' July fuel cost and consumption numbers indicating U.S. scheduled service airlines used 1.52 billion gallons of fuel, 5.6% more fuel than in June 2022 (1.44B gallons) and 9.5% less than in pre-pandemic July 2019. The cost per gallon of fuel in July 2022 (\$3.71) was down 33 cents (8.2%) from June 2022 (\$4.04) and up \$1.73 (87.4%) from July 2019. Total July 2022 fuel expenditure (\$5.64B) was down 3.3% from June 2022 (\$5.83B) and up 69.9% from pre-pandemic July 2019. At \$4.04, the cost per gallon of fuel in June 2022 was the highest since May 2022 \$3.90. Year-over-year increases in fuel consumption and cost for July include 2.9% in domestic fuel consumption, 90.0% in domestic fuel cost, and 84.9% in cost per gallon. Domestic fuel consumption increased 5.6% from June to July in 2022, but decreased 7.0% from July 2019. Increased fuel consumption reflects an increase in airline passenger travel over the same period.



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Transportation's Top Stories

Rail Transport Updates

CANADA

Transit Briefs: TTC, Metrolinx



Source: Railway Age (Photo of Mural at Davisville subway)



Source: Railway Age (Photo Corktown Station. (Metrolinx))

The Toronto Transit Commission (TTC) celebrates 100 years with new mural at Davisville Station. The celebration included a final public event at TTC Hillcrest Complex. A commemorative 100th Anniversary coffee table book, artwork and other merchandise are available for purchase in the TTC online store at tctshop.ca. At Metrolinx, work on the Ontario Line is already well under way in some spots along the subway's 15.6-kilometer route, as crews have begun to "cross tasks of the list of important work to complete before major construction on stations and tunnels begins in 2023." Earlier this year, construction crews broke ground at Exhibition Station where a new station building will be built to

serve both the Ontario Line subway and Lakeshore West GO services. A new pedestrian bridge crossing the rail corridor will also be constructed, Metrolinx, says, improving pedestrian flow and easing crowding in the existing tunnel during events in and around Exhibition Place. Heading east along the Ontario Line route into the Corktown neighborhood sits two construction sites flanking Front Street between Parliament and Berkeley streets. This area, Metrolinx says, will be the site of the future station serving Corktown, and where the Ontario Line tunnel boring machine shaft will be located. According to Metrolinx, the station serving Corktown will put approximately 26,400 people within a short distance of a subway station and connect to popular surface routes, such as the 504 King TTC Streetcar, 65 Parliament TTC bus and 172 Cherry Street TTC bus.

Transit Briefs: TTC, Metrolinx, August 29, 2022, www.railwayage.com

Canada's HFR Project Advancing



Source: Railway Age

Canadian Minister of Transport Omar Alghabra reported Aug. 30, 2022 said “Travelers in Southwestern Ontario want faster, greener passenger rail service, and I am happy to say that our government remains committed to delivering on High Frequency Rail [HFR], stretching from Quebec City to Toronto. With the engagement of a new external advisor, we are ready to develop options that will enhance passenger rail for communities across Southwestern Ontario.” The Canadian government this fall will seek an external advisor to analyze “concrete options to enhance service in Southwestern Ontario for potential future integration into the High Frequency Rail project,” according to [Transport Canada](#), which noted that Alghabra in early 2023 will host a stakeholder roundtable on area service. A [Notice of Proposed Procurement](#) is expected within the next few weeks. The external advisor will be required to submit a final report to the federal government by the end of 2023. Transport Canada on Aug. 30, 2022 said the move builds on work being done to “improve the overall passenger rail experience in Southwestern Ontario and along the Quebec City-Windsor Corridor.” This includes C\$42.8 million in Budget 2022 to upgrade [VIA Rail](#) stations; Brantford, Chatham and Sarnia station work is under way, with London station work to start later this year. Additionally, [the government of Canada has invested C\\$990 million to replace VIA Rail’s fleet, with the first new passenger cars entering service later this year.](#)

Canada’s HFR Project Advancing, August 30, 2022, www.railwayage.com


Minister of Transport announces new actions to deliver on Government of Canada’s commitment to improve passenger rail service in Southwestern Ontario

On August 30, 2022, the Minister of Transport, the Honourable Omar Alghabra, announced that this fall, the Government of Canada will be exploring options to improve passenger rail frequencies, on-time performance, and shorten travel times in Southwestern Ontario. To this end, the Government of Canada will seek an external advisor, who will analyse passenger demand and route options to deliver on rail service that best meets the needs of communities in Southwestern Ontario. The external advisor will analyze concrete options to enhance service in Southwestern Ontario for potential future integration into the High Frequency Rail project, submitting a final report to the federal government by the end of 2023. The Minister also reiterated that the Government of Canada is committed to working with Indigenous groups and local communities to ensure their views are heard and their rights are respected. In early 2023, the Minister will host a stakeholder roundtable on passenger rail service in Southwestern Ontario. These new actions build on more work being done to improve the overall

passenger rail experience in Southwestern Ontario and along the Quebec City – Windsor Corridor.


Minister of Transport announces new actions to deliver on Government of Canada’s commitment to improve passenger rail service in Southwestern Ontario, August 30, 2022, www.tc.gc.ca

Freight Rail Services Price Index, August 2022

 Data for August for the Freight Rail Services Price Index (2018=100) are now available on Statistics Canada website. For August 2022 the index was 125.9 compared to 126.2 in July 2022.

Freight Rail Services Price Index, August 2022, August 31, 2022, www.statcan.gc.ca

Class I Briefs: CN

 When CN’s old propane-powered forklift, built in 1988, needed to be replaced in the Prince George Mechanical Car Shop last year, Senior Manager and EcoChampion Michael Provencal decided to go electric. “It was the way to go to support CN’s sustainability efforts and contribute to the Company’s goal of reducing carbon emissions,” said Provencal, who applied to the EcoFund to recoup the cost of the \$80,000 BYD (Build Your Dream) machine. “The old forklift was always breaking down and using about 288 bottles of propane a year at about \$35 each bottle, and about 24 liters per year of traditional motor oil to maintain its engine. The new forklift is just as powerful as the one it replaced but better for the environment.” Going electric, CN says, has reduced 7.6 metric tons of CO2 a year from the environment and is projected to save the shop \$12,200 a year in fuel and maintenance costs. According to the railway, the purchase has also increased operator safety by eliminating fluid spills and pinch points from open hoods and various fan and alternator belts in the machine that occur during the maintenance of the unit. “It’s a great machine that’s super quiet and efficient,” says Inventory Maintainer and Chief Operator of the forklift Danny Doan. “We can operate it for about six hours straight before it needs charging, which takes under an hour to do and doesn’t have to be hardwired into the warehouse power supply.”

Class I Briefs: CN, September 1, 2022, www.railwayage.com

US/WORLD

Three US rail unions reach deal

Three of the 12 unions negotiating with the US's biggest freight railroads have reached a tentative deal which will deliver 24 percent pay raises, in line with what a special presidential panel of arbitrators recommended earlier this month to resolve the stalemate before a strike could happen. The tentative five-year deal announced on August 29, 2022 covers more than 15,000 members of the International Association of Machinists, the Transportation Communications Union and the Brotherhood of Railway Carmen unions. But the two biggest rail unions that represent engineers and conductors said over the weekend they still haven't been able to reach a deal their members would accept.

Three US rail unions reach deal, August 30, 2022, www.insidelogistics.ca

Rail traffic for the week ending August 27, 2022, August 31, 2022, www.ajot.com

Rail traffic for the week ending August 27, 2022



Source: Railway Age

The Association of American Railroads (AAR) on August 31, 2022 reported U.S. rail traffic for the week ending August 27, 2022. For this week, total U.S. weekly rail traffic was 511,574 carloads and intermodal units, up 1.4 percent compared with the same week last year. Total carloads for the week ending August 27 were 242,633 carloads, up 3.4 percent compared with the same week in 2021, while U.S. weekly intermodal volume was 268,941 containers and trailers, down 0.3 percent compared to 2021. Canadian railroads reported 76,361 carloads for the week, up 1.8 percent, and 74,570 intermodal units, up 3.8 percent compared with the same week in 2021. For the first 34 weeks of 2022, Canadian railroads reported cumulative rail traffic volume of 4,897,939 carloads, containers and trailers, down 3 percent.



US/WORLD

Shipping giant CMA CGM sees softening of global freight rates

French container line giant CMA CGM SA is seeing an across-the-board drop in shipping rates and a loosening of logistics bottlenecks in some regions as demand softens. "What we've been seeing now for many weeks is a decrease of freight rates in almost all sectors," Chief Executive Officer Rodolphe Saade said on August 26, 2022 in Algiers. "We expect that decrease to continue. I don't think we'll see a strong drop but rather a soft landing." The observations are in line with those of the World Trade Organization, which said this week merchandise trade flows slowed last quarter and will likely stay weak in the second half. This could see the winding down of a frothy period for container carriers after two years of high rates and capacity shortages stemming from pent-up demand from consumers during the pandemic. "At the peak of the Covid crisis, we had freight rates between China and Northern Europe of \$14,000" per 40-foot container, Saade said in an interview. "Nowadays it's around \$9,000 and it is going down." Saade said some glitches remain in global supply chain networks, citing lingering strong congestion in places like the US and Europe. "We are seeing a decrease of the demand so this has an impact on a little less congestion, even though some places remain difficult to manage," he said.

Shipping giant CMA CGM sees softening of global freight rates, August 28, 2022, www.ajot.com

US blocks merger of global container suppliers over market concentration

China International Marine Containers Group Ltd., the largest manufacturer of steel containers used for ocean shipping, has abandoned its intended acquisition of shipping giant Maersk's refrigerated container manufacturing business after objections from U.S. competition authorities, the Department of Justice said on August 25,

2022. A.P. Moller-Maersk agreed in September 2021 to sell Maersk Container Industry A/S and its Qingdao, China, factory to CIMC for \$987 million. The divestment is part of Maersk's strategy to focus on integrated container transport and logistics services. In 2020 the maker of reefer units delivered its most profitable result since beginning 30 years ago. The proposed transaction would have combined two of the world's four suppliers of insulated container boxes and refrigerated shipping containers, consolidating control of more than 90% of the market in Chinese state-owned or state-controlled entities, the Justice Department said.

US blocks merger of global container suppliers over market concentration, August 25, 2022, www.freightwaves.com

The container ship backlog outside Los Angeles ports is almost cleared



Source: AJOT

The number of container ships headed for the California ports of Los Angeles and Long Beach -- a traffic jam that once symbolized American

consumer vigor during the pandemic -- declined to the lowest level since the bottleneck started to build two years ago. Eight vessels were in the official queue as of August 30, 2022, according to data from the Marine Exchange of Southern California & Vessel Traffic Service Los Angeles and Long Beach. That's an all-time low, officials said in a statement, down from a record of 109 set in January and about 40 lined up a year ago. LA-Long Beach's bottleneck became one of the most enduring images of the supply-and-demand imbalances triggered by Covid-19 lockdowns. The backlog forced ships to wait two weeks or more, contributing to record-high ocean freight rates that helped ignite inflation now afflicting economies from the US to Europe. Though officials changed the way inbound ships queued in November 2021 -- having them slow-steam across the Pacific rather than bunching them at anchor near the ports -- the dwindling count reflects a slowdown in consumer demand, ample inventories built up by American companies, and ships rerouting through Gulf of Mexico and East Coast ports. According to the most recent count from Hapag-Lloyd AG, Germany's biggest container carrier, a total of about 75 ships were anchored outside the ports of New York, Houston, and Savannah, Georgia.

The container ship backlog outside Los Angeles ports is almost cleared, August 30, 2022, www.ajot.com



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Road Transport Updates

CANADA

CTA Warns Feds: This is Not the Time for Adding Stress to Supply Chain



Source: Ontruck

The Canadian Trucking Alliance (CTA) is again calling for the Government of Canada to delay implementation of an incoming measure which will further aggravate besieged supply chains, exacerbate driver shortages and continue to push inflation higher, said CTA President Stephen Laskowski. In December 2021, the Government of Canada introduced Bill C-3. Hurriedly passed earlier this year, the Bill would provide all workers in federally regulated sectors with 10-paid sick days. At the time, the justification for the measure was to reflect the government's policy regarding 10-day quarantine/isolation periods resulting from COVID-19. However, since then, the government's own position on general quarantine timeframes has changed as the spread and severity of COVID has slowed, rendering the justification moot. The policy is also out of step with sectoral trends which show most workers take less than five sick days per year. The CTA supports modernizing labour standards and protecting workers, though it urges the government to proceed with a more balanced and less hasty approach, reflecting the current state of the Canadian economy and its supply chains.

CTA Warns Feds: This is Not the Time for Adding Stress to Supply Chain, August 26, 2022, www.ontruck.ca

Loomis Express workers could strike Wednesday [August 21, 2022]



Source: Inside Logistics CNW Group/Unifor)

Loomis Express workers in eight provinces have served strike notice. Almost 1,500 Unifor members can begin legal strike action in their respective time zones at 12:01 a.m. Wednesday August 31, 2022. The union warned in late July 2022 that a strike vote was likely, as a result of poor progress at the negotiating table. "This is yet another example of a huge corporation squeezing employees by shuffling work between subsidiaries or contracting out to avoid providing workers with decent full-time jobs," said Lana Payne, Unifor national president.

Loomis Express workers could strike Wednesday, August 30, 2022, www.insidelogistics.ca

For-hire Motor Carrier Freight Services Price Index, second quarter 2022

The For-hire Motor Carrier Freight Services Price Index (2013=100) is now available for the 2022 second quarter on Statistics Canada website. The truck index was 145.6 compared to 130.4 in the first quarter of 2022 and 114.0 in the second quarter of 2021.

For-hire Motor Carrier Freight Services Price Index, second quarter 2022, August 31, 2022, www.statcangc.ca

Couriers and Messengers Services Price Index, July 2022

The Couriers and Messengers Services Price Index (2019=100) is now available for July 2022 on Statistics Canada website. The July 2022 index was 131.1 compared to 130.8 in June 2022

Couriers and Messengers Services Price Index, July 2022, August 31, 2022, www.statcangc.ca

Loomis Express and workers reach agreement

Loomis Express workers in eight provinces have reached a tentative agreement with the company, avoiding a strike that was set to begin on August 31, 2022. The new tentative agreement covers hourly drivers, owner-operators, call centre staff, clerical, and warehouse workers represented by Unifor at Loomis Express locations in British Columbia, Alberta, Saskatchewan, Manitoba, Ontario, New Brunswick, Nova Scotia and Prince Edward Island.

Loomis Express and workers reach agreement, August 31, 2022, www.insidelogistics.ca

Deputy Prime Minister Visits Bison; Discusses Trucking Issues

Deputy Prime Minister Chrystia Freeland was in Calgary on August 31, 2022 to meet with the executive team and staff of Bison Transport and representatives of the Canadian Trucking Alliance and Alberta Motor Transport Association. Freeland engaged the industry on supply chain and associated labour issues. Bison's Trevor Fridfinnson outlined to Freeland the issues associated with attracting truck drivers to the sector and the role government can play. Fridfinnson also sent a strong message on behalf of the industry that actions like those against the Deputy Prime Minister this past weekend are unacceptable in a democracy. "Concerning trends over a lack of civility directed to those in public life need to be kept in check. We may not always agree on the path forward, but we absolutely can and must conduct ourselves with civility and respect," stated Fridfinnson.

Deputy Prime Minister Visits Bison; Discusses Trucking Issues, August 31, 2022, www.ontruck.ca

US/WORLD

Autonomous trucks continue to prove themselves in pilot projects



Source: Today's Trucking

Craig Harper first presented the idea of autonomous trucks to JB Hunt's executive team back in 2016, although there wasn't much to present at the time. "We couldn't get a lot of information," said the fleet's chief sustainability officer and executive vice-president, during a presentation for ACT Research's Seminar 67. Many of his own queries during outside discussions were dismissed with phrases like "not in our lifetime." So he began to reach out to consultants, and added events like the Consumer Electronics Show (CES) to his calendar. This summer, the concept came a step closer to reality. JB Hunt, Waymo, and Wayfair have joined forces to haul real freight in a pilot project testing Level 4 autonomous trucks. Tests with Waymo's highly autonomous trucks led to a formal strategic alliance with the fleet, and a six-week pilot project saw freight from Wayfair hauled along the I-45 corridor between Houston and Dallas. "The pilot worked great," Harper said, noting teams were impressed with the way the technology could identify and respond to roadside hazards and stalled vehicles. "You're going to see the technology is much more advanced than you may have thought."

Autonomous trucks continue to prove themselves in pilot projects, August 2, 2022, www.todaystrucking.com



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Transportation's Top Stories

Other Transport Updates

CANADA



National Travel Survey, first quarter 2022

In the 2022 first quarter, Canadians took 46.5 million trips within Canada or abroad, almost 20 million more than the first quarter of 2021. While this is less than three-quarters (73.2%) of the number of trips taken during the same period in 2019 before the COVID-19 pandemic, the increase from 2021 demonstrates a continued recovery in travel activity. The majority of trips (93.5%) made by Canadians from January to March 2022 were domestic, whereas before the pandemic, roughly 15% were destined for the United States or overseas. In the first quarter, Canadians spent nearly twice as much on domestic trips (\$10.0 billion) as on international travel (\$5.8 billion). Compared with the first quarter of 2019, although Canadians took longer trips, domestic tourism spending was 3.9% below the pre-pandemic level. Internationally, with fewer trips made overall, tourism spending abroad was 47.1% lower in the first quarter compared with its 2019 counterpart. More recent data on international travel by Canadian residents are available from the monthly "Travel between Canada and other countries."

*National Travel Survey, first quarter 2022, August 26, 2022,
www.statcan.gc.ca*

US/WORLD



4 ways the Inflation Reduction Act could impact supply chains

The Inflation Reduction Act of 2022 (IRA) signed into law by President Joe Biden earlier this month is designed to reduce inflation, but it also includes \$300 billion worth of grants and incentives for clean energy and initiatives to combat climate change. The goal of the incentives is to accelerate electric vehicle adoption, green ports, increase renewable energy capacity and support products made in the U.S. There are also

tax reforms and provisions for health care. The climate legislation is supposed to help the U.S. lower greenhouse gas emissions by 40% by 2030 compared to 2005 levels.

4 ways the Inflation Reduction Act could impact supply chains, August 26, 2022, www.freightwaves.com



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Creating Strategic Value Through Sustainability

THURSDAY, SEPTEMBER 15, 2022
60 Minute Webinar
1200 ET / 1100 CT / 0900 PT / 1700 UK

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Janet Drysdale, Vice-President Financial Planning & Sustainability, CN

Geoffrey Tauvette, Executive Director of the Canadian Council for Sustainable Aviation Fuels (C-SAF)

Environmental, Social and Governance (ESG) issues can carry significant reputational and operational risks to our supply chains. Climate change, the pandemic, cyber attacks, new regulations, societal shifts and geopolitical conflict in recent times have all conspired to challenge the sustainability of our supply chains. Our awareness and mitigation of the risks can not only improve the resilience of our transport and logistics systems, but also create new value for stakeholders.

Please join us on Thursday, September 15 at 1200 ET/1100 CT/0900 PT/1700 UK for a webinar hosted by the Chartered Institute Logistics and Transport North America (CILTNA).

Topic: “Creating Strategic Value Through Sustainability”

Summary: Environmental, Social and Governance (ESG) issues can carry significant reputational and operational risks to our supply chains. Climate change, the pandemic, cyber attacks, new regulations, societal shifts and geopolitical conflict in recent times have all conspired to challenge the sustainability of our supply chains. Our awareness and mitigation of the risks can not only improve the resilience of our transport and logistics systems, but also create new value for stakeholders.

Guest Speakers: Janet Drysdale, Vice-President Financial Planning & Sustainability, CN and Geoffrey Tauvette, Executive Director of the Canadian Council for Sustainable Aviation Fuels (C-SAF).

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To register, visit: <https://ciltna.com/events/ciltna-webinar-creating-strategic-value-through-sustainability/>

WEBINAR

Supply Chain and Automated Freight in Canada

October 5, 2022
13:00 – 14:30

CO-PRESENTED BY

AMTA CAVCOE
The Chartered Institute of Logistics and Transport ITS Canada Vitesse

Please join us on Wednesday, October 5 at 13:00 ET/10:00 PT/12:00 CT/ 18:00 UK for a webinar co-presented by the Chartered Institute Logistics and Transport North America (CILTNA), [AloT Canada](#), [Alberta Motor Transport Association \(AMTA\)](#), [CAVCOE](#), [Intelligent Transportation Society of Canada \(ITS Canada\)](#) and [Vitesse](#)

With the unprecedented supply chain disruptions caused by a pandemic and war, our supply chains face new realities and challenges to do things differently. Can we leverage the promise of connected and autonomous vehicles for Automated Freight to overcome supply chain problems, and how? Will Automated Freight be the first of the Automated Transportation subsegments to roll out at scale by addressing this real-world problem, paving the way for later Passenger Autonomous Transportation adoption?

Join us to learn about Canadian and global initiatives in Automated Freight transportation and why and how we can progress with it to move

cargo to and from our ports, city to city, and the last mile. Hear industry and government speakers' presentations and a panel discussion on actualizing Automated Freight's full potential and benefits for Canada. This is also your opportunity to ask questions and offer input toward solutions.

To register, please visit: <https://ciltna.com/events/webinar-supply-chain-and-automated-freight-in-canada/>

*** The Freight and Marine Young Members Council (YMC-FM)** would like to invite all current or potential Young Members (35 and younger) to submit an abstract (500 words or less) for participation in a special lightning talk and poster session for young professionals at the 102nd Transportation Research Board Meeting in Washington, DC during January of 2023.

This session is designed to provide young professionals and students with the opportunity to share in-progress work in the freight and marine areas. Interested applicants should review the attached Call for Submissions, and submit the completed application **by September 23, 2022, to Majbah Uddin at uddinm@ornl.gov**. The document contains all relevant information about participating in this TRB special session and can be found at the following link: <https://ciltna.com/wp-content/uploads/2022/08/2023-TRB-YMC-FM-WIP-Call-for-Submissions.pdf>

Should you have any questions regarding this session or the submission process, please feel free to contact Majbah Uddin (uddinm@ornl.gov), YMC-FM Subcommittee Chair.

Job Postings

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