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North
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Transportation's Top Stories

Air Transport Updates

CANADA

Porter Airlines soars coast-to-coast with first Embraer E195-E2 flights connecting Vancouver and Toronto Pearson

Porter Airlines is celebrating its first flights with the new Embraer E195-E2 between Toronto Pearson International Airport (YYZ) and Vancouver International Airport (YVR). For the first time in its 16-year history, Porter is bringing its distinguished approach to service to Western Canada, while also debuting a remarkable new concept for economy air travel.

Porter Airlines soars coast-to-coast with first Embraer E195-E2 flights connecting Vancouver and Toronto Pearson, February 7, 2023, www.flyporter.ca

Air Canada Cargo and Emirates SkyCargo Sign Agreement to Enhance Networks and Reach



Source: Air Canada

Air Canada Cargo and Emirates SkyCargo have signed a Memorandum of Understanding (MoU) to deliver more benefits to their air freight customers around the world. Under the terms of the MoU, Air Canada Cargo and Emirates SkyCargo will work closely on a

number of initiatives, which include expanding cargo interline options and block space agreements, pending any required regulatory approvals. These enhancements aim to offer freight customers of both airlines access to more capacity on a larger combined global network. Air Canada Cargo will have access to Emirates SkyCargo's high frequency distribution network through the belly-hold of Emirates scheduled passenger flights to over 140 global destinations, as well as the additional capacity offered by 11 freighters currently in the Emirates fleet. In return, SkyCargo will have access to over 60 cities in Canada and more than 150 cities across five continents through Air Canada Cargo thanks to a fleet of Boeing 767 freighters and the belly-hold capacity of Air Canada's scheduled passenger flights. Both airlines bring particular experience in handling unique cargo, such as oil and gas drilling equipment, car parts and pharmaceuticals on their dedicated fleet of freighters or passenger aircraft. "We are thrilled to be further strengthening our cargo relationship with Emirates.

Air Canada Cargo and Emirates SkyCargo Sign Agreement to Enhance Networks and Reach, February 10, 2023, www.aircanada.ca

US/WORLD

Air Cargo Closes 2022 Near Pre-Pandemic Levels



Source: IATA

The International Air Transport Association (IATA) released data for global air freight markets showing that 2022 full-year demand for air cargo took a significant step back from 2021 levels but was close to 2019 performance. Global full-year demand in 2022, measured in cargo tonne-kilometers (CTKs*), was down 8.0% compared to 2021 (-8.2% for international operations). Compared to 2019, it was down 1.6% (both global and international). Capacity in 2022, measured in available cargo tonne-kilometers (ACTKs), was 3.0% above 2021 (+4.5% for international operations). Compared to 2019 (pre-COVID) levels, capacity declined by 8.2% (-9.0% for international operations). December saw a softening in performance with global demand was 15.3% below 2021 levels (-15.8% for international operations). Monthly cargo demand tracked below 2021 levels from March 2022. Global capacity was 2.2% below 2021 levels (-0.5% for international operations). This was the tenth consecutive monthly contraction compared to 2021 performance. 2022 ended with mixed signals: 1. Global new export orders, a leading indicator of cargo demand, have stayed at the same level since October. For major economies, new export orders are shrinking except in Germany, the US, and Japan, where they grew. 2. Global goods trade decreased by 1.5% in November, down from a 3.4% increase in October. 3. The Consumer Price Index for G7 countries indicated inflation tracking at 6.8% for December 2022. The 0.6 percentage point drop compared to November 2022 (7.4%) was the largest over the course of year. Inflation in producer (input) prices reduced to 12.7% in October 2022, its lowest level so far in 2022.

Air Cargo Closes 2022 Near Pre-Pandemic Levels, February 6, 2023, www.iata.org

✈️ Passenger Demand Recovery Continued in December 2022 & for the Full Year



Source: IATA

On February 6, 2023, the International Air Transport Association (IATA) announced that the recovery in air travel continued in December 2022 and for the full year. **Total traffic** in 2022 (measured in revenue passenger kilometers or RPKs) rose 64.4% compared to 2021. Globally, full year 2022 traffic was at 68.5% of pre-pandemic (2019) levels. December 2022 total traffic rose 39.7% compared to December 2021 and reached 76.9% of the December 2019 level. **International traffic** in 2022 climbed 152.7% versus 2021 and reached 62.2% of 2019 levels. December 2022 international traffic climbed 80.2% over December 2021, reaching 75.1% of the level in December 2019. **Domestic traffic** for 2022 rose 10.9% compared to the prior year. 2022 domestic traffic was at 79.6% of the full year 2019 level. December 2022 domestic traffic was up 2.6% over the year earlier period and was at 79.9% of December 2019 traffic. “The industry left 2022 in far stronger shape than it entered, as most governments lifted COVID-19 travel restrictions during the year and people took advantage of the restoration of their freedom to travel. This momentum is expected to continue in the New Year, despite some governments’ over-reactions to China’s re-opening,” said Willie Walsh, IATA’s Director General.

Passenger Demand Recovery Continued in December 2022 & for the Full Year, February 6, 2023, www.itat.org

✈️ Agriculture drone market to hit revenue of US\$ 14,237.6 million by 2033



Source: AJOT

The global agriculture drone market is estimated at US\$ 3,807 million in 2023 and is expected to expand at an impressive CAGR of 14.1% during the forecast years of 2023-2033. Drones are being used in many ways to help farmers. From being able to seed planting, crop mapping and spraying drones make life a whole lot easier. Drones are essentially flying cameras and do real time livestock monitoring. This is useful when farmer as the pilot can now have an aerial view of the location and help with irrigation monitoring and management. Many

people find it hard to cast a line more than 50 feet away from where they are standing. Drone Casting is actually the main thing people use drones for while farming. Agriculture drones were originally developed to get timely information and to enhance decision making through accurate. Owing to the above factor, the demand for agriculture drone will be highly lucrative in the anticipated year this is going to happen through sales of agriculture drone through various sales channel, which will create plethora of opportunity to direct reach out the consumer around the world period. Key Takeaways from Market Study were: 1. The global agriculture drone market is projected to expand at an impressive CAGR of 14.1% and be valued at US\$ 14,237.6 million by 2033; 2. The market witnessed 7.2% CAGR for the period of 2018-2022; 3. Under Offering, fixed wing agriculture drone will dominate the market and are valued at US\$ 795.7 million in 2023; 4. North America and Europe will dominate the market with 32.1% and 36.1% market share in 2023; 5. By coverage distance, 6-9 Km coverage distance drone is likely to represent 32.1% market share in 2023; and 6. Agriculture drone sales due to 3-6 Km coverage distance is expected gain maximum share of 28.3% in 2023. "Increasing Use of Rotary Wing Drone in Farms for Fertilizer Spraying will Provide Stable Revenue Opportunities" says a Fact according to a MR analyst.

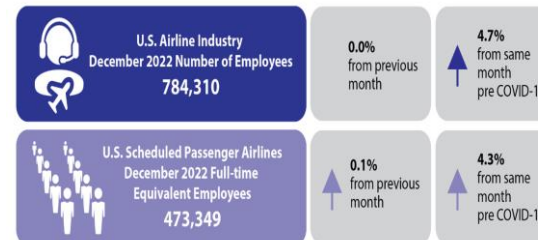
Agriculture drone market to hit revenue of US\$ 14,237.6 million by 2033, February 6, 2023, www.ajot.com

Air Travel Consumer Report: November Consumer Complaints Increase from October

The U.S. Department of Transportation on February 7, 2023 released its Air Travel Consumer Report (ATCR) on airline operational data compiled for the month of November 2022 for on-time performance, consumer complaints, mishandled baggage, and mishandled wheelchairs and scooters. There was a 23% increase in air travel service complaints from October to November, after complaints decreased by 12% from September to October.

Air Travel Consumer Report: November Consumer Complaints Increase from October, February 7, 2023, www.bts.gov

U.S. Cargo and Passenger Airlines Lost Few Jobs in December 2022; Employment Remains 4.7% Above Pre-Pandemic December 2019

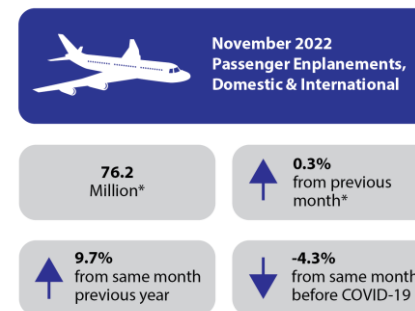


Source: BTS

U.S. airline industry (passenger and cargo airlines combined) employment decreased to 784,310 workers in December 2022, 27 (0.003%) fewer workers than in November 2022 (784,337) and 34,820 (4.65%) more than in pre-pandemic December 2019 (749,490). U.S. scheduled-service passenger airlines employed 499,171 workers in December or 64% of the industry-wide total. Passenger airlines added 261 employees in December for a twentieth consecutive month of job growth dating back to May 2021. Southwest Airlines led scheduled passenger carriers, adding 374 employees; United added 367; and Sky West added 275. U.S. cargo airlines employed 280,376 workers in December, 36% of the industry total. Cargo carriers lost 266 employees in December 2022. FedEx, the leading air cargo employer, decreased employment by 331 jobs.

U.S. Cargo and Passenger Airlines Lost Few Jobs in December 2022; Employment Remains 4.7% Above Pre-Pandemic December 2019, December 7, 2023, www.bts.gov

November 2022 U.S. Airline Traffic Data



*seasonally adjusted

Source: BTS

U.S. airlines carried 76.2 million systemwide (domestic and international) scheduled service passengers in November 2022, seasonally adjusted, according to the Bureau of Transportation Statistics' (BTS), up 0.3% from October 2022. BTS reported 66.7 million domestic passengers and 9.5 million international passengers on U.S. airlines flights in November 2022. U.S. airline traffic reports are filed monthly with BTS. Tables that accompany this release can be found on the BTS website for summary data since 2016 and complete data since 2000.

November 2022 U.S. Airline Traffic Data, February 9, 2023, www.bts.gov



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Rail Transport Updates

CANADA

Canadian rail shippers praise feds' actions to collect more freight data

While the Canadian government has made inroads regarding the collection of additional freight rail data metrics and the preservation of interswitching, Transport Canada could go a few steps further in regulating better service in Canada, rail shippers told *FreightWaves*. How Canada addresses rail service and data collection metrics can be significant for both American and Canadian shippers and the railways themselves because operations can often cross borders. From a safety perspective, both countries also like to harmonize their regulations as well. A comparison of the regulations governing rail transportation for grain in the U.S. versus Canada is available on the U.S. Department of Agriculture website. "Despite their similarities, railroads in each country operate in very different regulatory environments. This is a product of different geographies, historical developments, shipper pressures, policymaker philosophies and other factors," said the paper on the USDA website, entitled "Parallel or Converging? A Comparative Analysis of the Grain Handling and Rail Transportation Systems in Canada and the United States." "In recent years, regulators in both countries have increasingly looked across the border for insight and ways to improve outcomes for railroads and shippers."

Canadian rail shippers praise feds' actions to collect more freight data, February 3, 2023, www.freightwaves.com

CN Deploys Innovative Technology to Remotely Monitor Temperature-Controlled Cargo



Source: Railway Age

CN has deployed innovative technologies to remotely monitor operational and temperature conditions of privately-owned 40-foot international containers while in the possession of its Brampton Intermodal Terminal, the Class I reported on Feb. 2, 2023. The remote cloud-based monitoring software allows for "increased visibility of the cargo, generating greater transparency on temperature integrity and establishing reliability and consistency within our service," CN said. "As the demand for more variety in our diets across the globe means more goods are traveling further, CN remains vigilant and focused on helping those goods arrive safely at the right temperature and on time no matter the mileage," the Class I added. "CN continues making meaningful investments to push innovation in the temperature-controlled supply chain to meet the needs of our shipping community," said CN Senior Manager, Temperature-Controlled Cargo Keegan Donaghey. "Our new remote monitoring system enhances cargo safety and temperature integrity while in CN's possession." "Due to the perishable nature of our meat products, the advantage of remote

temperature monitoring during shipment is significant,” said Canworld Foods’ Michael Costa. “It protects our product integrity and helps to ensure food safety during transport to our overseas customers.” CN says it expects to deploy these advanced monitoring technologies in other CN terminals across the railroad’s network in 2023.

CN Deploys Innovative Technology to Remotely Monitor Temperature-Controlled Cargo, February 3, 2023, www.railwayage.ca



Source: Railway Age

CSX, Norfolk Southern (NS), Union Pacific (UP) and the U.S. operating subsidiaries of CN on Feb. 3, 2023 renewed their request that the Class I railroads commit to a new arbitration program for small rate disputes. STB on Jan. 24 denied, without prejudice, the joint carriers’ (CSX, NS, UP and CN’s U.S. subsidiaries) first stay request, filed Dec. 29, 2022. The moves stem from STB’s Dec. 19, 2022 adoption of two final rules establishing new “rate reasonableness procedures” that it said provide “two streamlined approaches for shippers and railroads to resolve smaller rate disputes.” The two rulings are *Final Offer Rate Review (FORR) Docket No. EP 755*—described as “a voluntary arbitration program and an entirely new procedure for rate challenges”—and *Joint Petition for Rulemaking to Establish a Voluntary Arbitration Program for Small Rate Disputes (Arbitration Final Rule)*, Docket No. EP 765. “Either rate review mechanism will substantially improve shippers’ access to rate reasonableness reviews for smaller rate disputes,” STB said when it issued the rulings. It added that the Voluntary Arbitration Program will become operative “only if all seven Class I carriers commit to participating in the program for five years” and “if all Class I carriers do so, they will be exempt from the FORR procedure.”

CSX, NS, UP, CN Renew Petition to Stay Requirement That Class I’s Commit to Arbitration Program, February 6, 2023, www.railwayage.com

VIA rail Canada recognized by Forbes as one of Canada’s best employers 2023

VIA Rail Canada (VIA Rail) is pleased to announce it has been recognized by Forbes as one of Canada’s Best Employers 2023. This recognition highlights the positive work environment, potential for growth and work-life balance offered to VIA Rail’s employees.

VIA rail Canada recognized by Forbes as one of Canada’s best employers 2023, February 3, 2023, www.viarail.ca

CP and United Steelworkers Local 1976 reach tentative collective agreement

Canadian Pacific (CP) on February 9, 2023 announced it has reached a tentative collective agreement with the United Steelworkers (USW) Local 1976 covering approximately 550 administrative support and intermodal employees in Canada. “By working collaboratively with our valued union partners, we’ve reached another negotiated tentative agreement this year,” said Keith Creel, CP’s President and CEO. “We thank the United Steelworkers for working collaboratively with us throughout this negotiation. This tentative agreement is a testament to the hard work and commitment of both sides.” CP has successfully negotiated three tentative collective agreements with its unions in 2023. Details of the USW tentative collective agreement will not be released publicly until the agreement has been ratified.

CP and United Steelworkers Local 1976 reach tentative collective agreement, February 9, 2023, www.cpr.ca

US/WORLD

CSX, NS, UP, CN Renew Petition to Stay Requirement That Class I’s Commit to Arbitration Program

AAR reports rail traffic for the week ending February 4, 2023



Source: Railway Age

For this week, total U.S. weekly rail traffic was 449,586 carloads and intermodal units, down 1.9 percent compared with the same week last year. Total carloads for the week ending February 4 were 216,700 carloads, down 0.9 percent compared with the same week in 2022, while U.S. weekly intermodal volume was 232,886 containers and trailers, down 2.9 percent compared to 2022. Six of the 10 carload commodity groups posted an increase compared with the same week in 2022. Canadian railroads reported 77,460 carloads for the week, up 11.4 percent, and 57,745 intermodal units, down 8.7 percent compared with the same week in 2022. For the first five weeks of 2023, Canadian railroads reported cumulative rail traffic volume of 693,084 carloads, containers and trailers, up 6.2 percent.

AAR reports rail traffic for the week ending February 4, 2023, February 8, 2023, www.ajot.com; and North American Volume Flat Through Week Five, AAR, February 8, 2023, www.railwayage.com



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Marine Transport Updates

CANADA

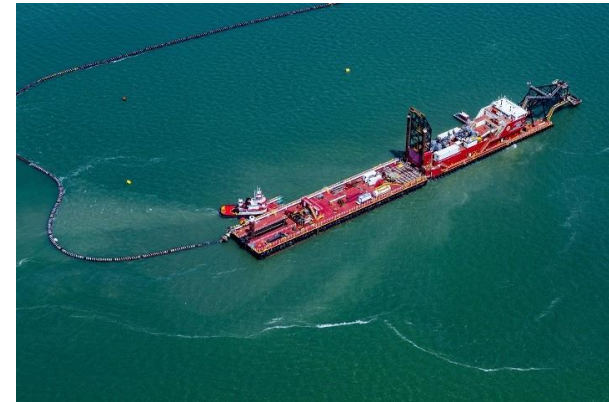
U.S. Great Lakes port officials recap 2022 shipping season, provide insights

With the Great Lakes-St. Lawrence Seaway System's 2022 shipping season recently coming to a close, the Great Lakes Seaway Partnership is providing a closer look at the efforts that made last year's successes possible. "Ports around the Great Lakes Seaway System demonstrated a high level of resiliency and a commitment to uplifting the American economy in 2022," said Adam Tindall-Schlicht, Administrator, Great Lakes St. Lawrence Seaway Development Corporation. "The ability of the Seaway System to adapt and overcome various supply chain challenges domestically and internationally leaves me with a great sense of pride and optimism as we gear up for a strong 2023 shipping season." 2022 saw notable increases in shipments of corn, soy, fertilizer, wind energy equipment, and a diverse range of other essential commodities on the Seaway System.

U.S. Great Lakes port officials recap 2022 shipping season, provide insights, February 9, 2023, www.ajot.com

US/WORLD

First section of Houston Ship Channel expansion complete



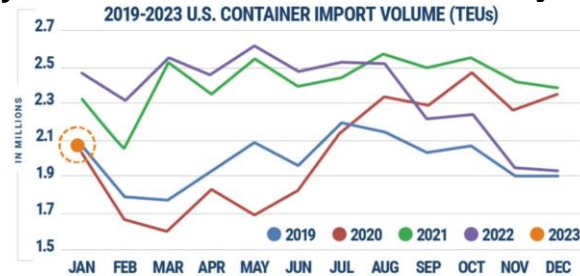
Source: AJOT

The Houston Ship Channel expansion project, also known as Project 11, continues to make significant progress. Port officials announced that dredging of the first segment extending from Bolivar Roads to Redfish, known as Segment 1A, is complete. The work was completed on schedule and on budget. Project 11's Segment 1A constitutes eleven and a half miles in the Bay. The expansion of this area is expected to help increase safety, reduce congestion, and improve vessel transit times by approximately an hour by reducing daylight restrictions. "The completion of segment 1A is a great step forward to sustain the busiest waterway in the nation," said Roger Guenther, Executive Director at Port Houston. "It moves Port Houston one step closer to handling unrestricted two-way traffic of larger vessels for the benefit of all stakeholders." Project 11 is on track toward its goal of completion in 2025, an aggressive timeline that is necessary to accommodate the future needs of businesses and vessels. "The deepening and widening of the channel is a \$1 billion commitment to our growing economy, the generation of more jobs in our region, and the safety of the nearly 20,000 vessel transiting the Houston Ship Channel every year," said Guenther. Work continues on the

construction of Long Bird Island and is expected to be completed later in the year. The 4-5-acre new island habitat includes various land elevations, shore protection, oyster wave trips and a lagoon. Additional dredging is currently underway in the Redfish to Bayport portion of the Channel (Segment 1B) and work in this area is scheduled for 2024 completion.

First section of Houston Ship Channel expansion complete, February 6, 2023, www.ajot.com

February could be slowest month since May 2020

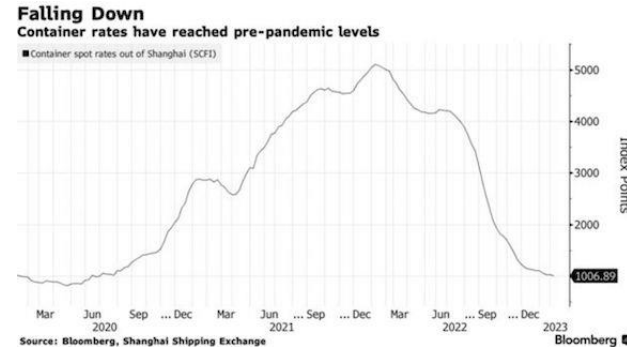


Source: Freightwaves

Port Tracker just cut its projections for early 2023. On Tuesday, it reduced its outlook for January-May imports by 3.5% versus estimates released a month ago. In January, U.S. containerized imports logged their highest month-on-month gain since last May, according to data from Descartes. Inbound volumes rose 7.2% versus December to 2,068,493 twenty-foot equivalent units, Descartes reported on January 8, 2023. That's the good news. The bad news is that last month's imports were almost identical to Descartes' imports stats for January 2019 and 2020, pre-pandemic. The worse news is that the month of February 2023 looks especially weak, according to Port Tracker, which covers 12 U.S. ports and is published by the National Retail Federation and Hackett Associates.

February could be slowest month since May 2020, February 8, 2023, www.freightwaves.com

Maersk sees global trade contracting as much as 2.5% in 2023



Source: AJOT

A.P. Moller-Maersk A/S, a bellwether for global trade, said “muted” economic growth is set to push the world’s container shipping volumes down by as much as 2.5% this year. The shipping market has normalized after two years of exceptionally high freight rates, when supply snarls and a shortage of vessels allowed Maersk and its peers to charge higher prices for their services and pocket record profits. The world is facing “a significant inventory adjustment” after a period where demand has been “absolutely exceptional,” Vincent Clerc, who took over as chief executive officer at the beginning of the year, said in a Bloomberg TV interview with Anna Edwards and Mark Cudmore. “As the world became a bit more normal after the pandemic, we’ve seen some of these demands slow down,” the CEO said. The Copenhagen-based container giant said it expects to grow in line with the market, as it unveiled guidance for 2023 which missed analyst estimates. Its shares initially fell as much as 5.7% in the Danish capital, before paring the loss and trading as much as 2.9% higher. Maersk, which handles about one-sixth of all the world’s containers, said on February 8, 2023 that demand in the container shipping industry is set to be in a range of negative 2.5% to positive 0.5%. That compares with a November prediction of a “broadly flat to negative” market. The “overconsumption of goods” is now leading to a “sharp correction” in demand, the Danish company said in a report. Its key market China is struggling and many emerging markets are “vulnerable,” as they enter the slowdown with high debt levels, Maersk added.

Maersk sees global trade contracting as much as 2.5% in 2023, February 8, 2023, www.ajot.com



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Logistics jobs in Montreal climb 24 percent



Source: Inside Logistics

Between 2012 and 2021 the number of people working in Montreal's transport and logistics sector increased 24 percent, growing from 43,700 to 54,100. At the same time, the number of companies in the sector declined from 6,297 to 6,089. These are the top line results of a study produced by consulting firm KPMG for CargoM, the Logistics and Transportation Metropolitan Cluster of Montreal. The study was first carried out in 2013-2014 using data then available on the various transportation segments of road, marine, rail and air to profile the industry. It served as the foundation for the work and projects of the newly formed cluster organization. The added value generated by the logistics and freight transport sector in Greater Montreal is now \$8.7 billion compared to \$4 billion in 2012. Since then, the economic and social context in which the industry operates has greatly changed. Industry players are facing many challenges in a post-pandemic inflationary environment that is putting pressure on global supply chains. The scarcity of labour and the road infrastructure maintenance are adding further pressures on our sector. The sector, however,

continues to play a significant role in the economy. The added value generated by the industry in Greater Montreal is now \$8.7 billion compared to \$4 billion in 2012.

Logistics jobs in Montreal climb 24 percent, February 3, 2023, www.insidelogistics.ca



Provinces differ in ELD enforcement penalties

More than a month into the enforcement of the federal electronic logging device (ELD) mandate, TruckNews.com reached out to provinces and Transport Canada regarding penalties for non-compliance. Canada's federally regulated carriers face a mandate from Jan. 1 to equip trucks with certified ELDs, and individual provinces are taking different approaches when it comes to penalties. Fines range from no penalties in some provinces to a maximum penalty of \$25,000 in other provinces.

Provinces differ in ELD enforcement penalties, February 3, 2023, www.todaystrucking.com



TFI International Announces 2022 Fourth Quarter and Full-Year Results

TFI International Inc. a North American leader in the transportation and logistics industry, on December 6, 2023 announced its results for the fourth quarter and full year ended December 31, 2022. 1. Fourth quarter operating income of \$216.9 million increased 1% over the prior year quarter. 2. Fourth quarter net income of \$153.5 million increased 6% compared to Q4 2021, while adjusted net income of \$151.8 million increased 2%. 3. Fourth quarter diluted earnings per share of \$1.74 increased 14% compared to Q4 2021, while adjusted diluted EPS of \$1.72 increased 10%. 4. Fourth quarter net cash from operating activities grew to \$248.3 million, up 30% over the prior year period and

free. 5. Cash flow grew to \$188.3 million, up 56% over the prior year period. 6. Full year diluted EPS of \$9.02 increased from \$7.91 in 2021, while adjusted diluted EPS1 of \$8.02 increased from \$5.23. 7. The Board of Directors approved a \$0.35 quarterly dividend, an increase of 30%. Alain Bédard, Chairman, President and Chief Executive Officer said “TFI International successfully capped 2022 with strong fourth quarter results, generating slightly higher operating income on significantly improved operating margins, a 53% increase in the full-year adjusted diluted EPS and a 26% increase in the full-year free cash flow, despite macro volatility, fuel-related working capital outlays, and the sale of CFI assets last summer that served to strengthen our overall business mix and returns.

TFI International Announces 2022 Fourth Quarter and Full-Year Results, February 6, 2023, www.tfiintl.com

Mullen posts record Q4, turns focus to cost controls and productivity improvements



Source: Today's Trucking

Acquisitions, fuel surcharges, and rate increases pushed Mullen Group's Q4 revenue and net income to record highs. “It took a total team effort, some very favorable market conditions, and a strong economy to produce the 2022 results,” chairman and senior executive officer Murray Mullen said in a press release. “Our people, especially the frontline workers, worked tirelessly to meet the surge in freight demand and still maintain superior customer service. I know it was no easy task last year.” Mullen said supply chain disruptions and shortages of key equipment helped improve pricing, but also acknowledged market conditions are changing. “We have already shifted to managing the new market conditions, highlighted by rising interest rates and stubbornly high inflation. Under these macro conditions it is rational to conclude that consumer spending will moderate and the general economy will slow,” he said. Q4 revenue totaled \$502.7 million, a 12.8% increase year over year, while Mullen generated \$2 billion in revenue on the year, up 35.3%. Profits for the fourth quarter jumped 204.5% to \$61.5 million and were up 119% for the full year, to \$158.6 million.

Mullen posts record Q4, turns focus to cost controls and productivity improvements, February 9, 2023, www.todaystrucking.ca

US/WORLD

USDOT Announces More Than \$660 Million Available Through the Port Infrastructure Development Program

The U.S. Department of Transportation's Maritime Administration (MARAD) has announced a Notice of Funding Opportunity (NOFO) making available more than \$662 million in Federal Fiscal Year (FY) 2023 funding for MARAD's Port Infrastructure Development Program (PIDP). The PIDP investment will modernize our nation's ports and help strengthen our supply chains for generations to come, helping to reduce shipping time, costs, and ultimately the costs of goods for the American people. The President's infrastructure package provides \$450 million annually in funding for the Program.

USDOT Announces More Than \$660 Million Available Through the Port Infrastructure Development Program, February 8, 2023, www.dot.gov

December 2022 Freight Transportation Services Index (TSI)



Source: BTS

The Freight Transportation Services Index (TSI), which is based on the amount of freight carried by the for-hire transportation industry, rose 0.6% in December 2022 from November 2022, rising for the first month after two months of decline, according to the U.S. Department of Transportation's Bureau of Transportation Statistics' (BTS). From December 2021 to December 2022 the index rose 0.5%.

December 2022 Freight Transportation Services Index (TSI), February 8, 2023, www.bts.gov

Partnerships play key role in journey to autonomous trucks



Source: Today's Trucking

The journey toward highly autonomous trucks continues, and there seems to be no shortage of paths to get there. Most of today's test fleets focus on jurisdictions like New Mexico, Arizona and Texas, where routes are clear, and any snow or ice is a meteorological freak of nature. And with few exceptions, "safety drivers" remain within reach of the controls as the early vehicles complete their digitally driven business — largely in the form of well-defined, hub-to-hub, on-highway shipments. But that's where many similarities end. Autonomous vehicle systems are anchored in unique software stacks that read the world around them by drawing on a mix of camera images, radar signals, Lidar pulses, and artificial intelligence. And the underlying tests have seen an array of partnerships incorporating known and emerging suppliers and fleets alike. Daimler Truck has gone so far as to embrace a dual strategy. While it runs Torc Robotics as an independent subsidiary, Waymo (formerly known as Google's self-driving car project) also has access to the OEM's autonomous truck platform — a Freightliner Cascadia equipped with redundant braking, steering, low-voltage power network and communications systems. *Partnerships play key role in journey to autonomous trucks, February 8, 2023, www.todaystrucking.com*

CTA: Discussions Around Removal of U.S. Border Restrictions Alongside COVID Emergency Measures Under Consideration



Source: Ontruck

US President Biden recently announced the pending removal of COVID-19 public health emergency measures in the U.S. on May 11, 2023, signaling a possible end to pandemic conditions and a shift towards an endemic state. However, there has not yet been a clear U.S. Government message on the timing and removal of U.S. border vaccine restrictions. CTA has continued to work with the American Trucking Associations (ATA), U.S. and Canadian officials and other stakeholder groups regarding the removal of border vaccine restrictions on non-U.S. citizens. This move would align with the Government of Canada which removed all COVID-19 related restrictions, including Canadian border vaccine requirements last October.

CTA: Discussions Around Removal of U.S. Border Restrictions Alongside COVID Emergency Measures Under Consideration, February 9, 2023, www.ontruck.ca



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Other Transport Updates

CANADA

Minister of Transport announces a new call for proposals to support projects that will strengthen our supply chains through the digitalization of infrastructure

The Government of Canada is committed to ensuring that our supply chains are efficient and reliable to help create even more good middle-class jobs and help build an economy that works for everyone, as well as to ensure that Canadians have timely access to affordable goods. To achieve this, digitalization plays an important role in improving the efficiency of our supply chains.

Today, the Minister of Transport, the Honourable Omar Alghabra, announced the launch of a new call for proposals, under the National Trade Corridors Fund, which is called Advancing Supply Chain Digitalization. Transport Canada will commit up to \$50 million to support eligible projects.

Under the new call, Transport Canada is seeking industry-led projects that strengthen Canada's digital infrastructure. Projects supported will:

- increase the efficiency and reliability of our transportation supply chains;
- relieve bottlenecks;
- ensure Canadians have access to all the affordable products and goods that they need; and
- help develop digital solutions and optimize Canada's supply chains.

Applicants are invited to submit a Streamlined Project Proposal to Transport Canada by April 11, 2023, at 17:00 Eastern Standard Time, through the National Trade Corridors Fund online application portal.

This new call for proposals is one of many actions being undertaken under the broader \$136 million Advancing Industry-Driven Digitalization of Canada's Supply Chain initiative, which aims to develop digital solutions to optimize and strengthen Canada's supply chains.

Quotes

"The digitization of our supply chain infrastructure is the way of the future. That's why today's announcement is important because the projects that will be funded by this call for proposals will make a real difference in improving our supply chains while creating good middle-class jobs and making lives more affordable to Canadians."

The Honourable Omar Alghabra

Minister of Transport

Quick facts

An efficient and reliable transportation network is key to Canada's economic growth. The Government of Canada, through the National Trade Corridors Fund, is investing in strong, reliable supply chains to make sure Canadians get their goods on time when they need it.

The National Trade Corridors Fund is a competitive, merit-based program designed to help infrastructure owners and users invest in the transportation assets that support economic activity in Canada. A total

of \$4.7 billion over 11 years (2017-2028) has been allocated to the program.

Through the National Trade Corridors Fund, Transport Canada is supporting improvements to Canada's digital infrastructure to enhance the efficiency and reliability of our transportation supply chains.

By improving the digitalization of our supply chains, the Government of Canada is ensuring that goods from Canada can be exported more efficiently and reliably.

The Advancing Supply Chain Digitalization call for proposals is one of many actions being undertaken under the broader \$136 million "Advancing Industry-Driven Digitalization of Canada's Supply Chain" initiative, which aims to develop digital solutions and optimize Canada's supply chains.

<https://www.canada.ca/en/transport-canada/news/2023/02/minister-of-transport-announces-a-new-call-for-proposals-to-support-projects-that-will-strengthen-our-supply-chains-through-the-digitalization-of-i.html>

Logistics execs say they are 'bracing for recession'

Nearly 70 percent of global logistics executives say they are bracing for recession amid higher costs, slowing demand, and ongoing supply chain disruption arising from China's battle to contain COVID, Russia's war in Ukraine, and the impact of climate change. Ninety percent of the 750 industry professionals surveyed for the 2023 Agility Emerging Markets Logistics Index also say their shipping, storage and other logistics costs remain well above pre-pandemic levels of early 2020. "Carriers and shippers are feeling the effects of higher energy prices, tight labor markets and broader inflation even though freight rates have fallen and ports have cleared cargo backlogs," said Agility vice-chairman Tarek Sultan. "Three years after the start of the pandemic, there is still a lot of volatility in supply chains. Now there's fresh uncertainty as consumers and businesses pull back on spending and hiring."

Logistics execs say they are 'bracing for recession', February 7, 2023, www.insidelogistics.ca

US/WORLD

U.S. Transportation Sector Unemployment Rate of 4.7% in January 2023 Was Same As the January 2022 Level of 4.7% And Was Above the Pre-Pandemic January Level of 3.4% in 2020

U.S. Unemployment Rate (Not Seasonally Adjusted) January 2023 3.9%	Transportation Sector Unemployment Rate (Not Seasonally Adjusted) January 2023 4.7%
▼ -0.5 change from same month last year	- 0.0 change from same month last year

Source: BTS

The unemployment rate in the U.S. transportation sector was 4.7% (not seasonally adjusted) in January 2023 according to Bureau of Labor Statistics (BLS) data recently updated on the Bureau of Transportation Statistics (BTS) [Unemployment in Transportation dashboard](#). The January 2023 rate remained unchanged from 4.7% in January 2022 and was above the pre-pandemic January level of 3.4% in January 2020. Unemployment in the transportation sector reached its highest level during the COVID-19 pandemic (15.7%) in May 2020 and July 2020. Unemployment in the transportation sector was above overall unemployment. BLS reports that the U.S. unemployment rate, not seasonally adjusted, in January 2023 was 3.9% or 0.8 percentage points below the transportation sector rate. Seasonally adjusted, the U.S. unemployment rate in January 2023 was 3.4%.

U.S. Transportation Sector Unemployment Rate of 4.7% in January 2023 Was Same As the January 2022 Level of 4.7% And Was Above the Pre-Pandemic January Level of 3.4% in 2020, February 4, 2023, www.bts.gov

USDOT Announces \$1.7 Million in Available Funding for Small Business Innovation Research Program

The U.S. Department of Transportation (USDOT) is now accepting proposals for funding from its Small Business Innovation Research (SBIR) program. The SBIR Program awards contracts to small businesses across the country to spur research and commercialization of innovative transportation technologies in select research areas. The current SBIR Solicitation provides funding ranging from \$150,000 to \$200,000 for ten Phase I research topics. "Small businesses are essential to our economy, and this program plays an important role in

advancing America's economic competitiveness by supporting domestic small businesses while stimulating technological innovation that can improve our transportation systems and lead to further economic growth," said Deputy Assistant Secretary for Research and Technology Dr. Robert C. Hampshire.

USDOT Announces \$1.7 Million in Available Funding for Small Business Innovation Research Program, February 7, 2023, www.dot.gov

Biden's 2023 State of the Union: President appeals to Republicans to work together on debt ceiling



Source: NPR

U.S. President Joe Biden called for unity in a sharply divided Congress as he made a spirited appeal to Republicans to raise the \$34.1 trillion debt ceiling in the annual State of the Union speech on the night of February 7, 2023. Biden touted U.S. job growth, his infrastructure program, drug price cuts for seniors and the rise in domestic manufacturing as he sparred with Republicans over higher taxes on billionaires and immigration reform. He also touched on the war in Ukraine, oil dependency and America's strategic competition with China in the annual address to Congress. Biden urged Congress to pass a lengthy list of his unfinished priorities. "There's so much more to do," he said, calling on lawmakers to pass policing reform and immigration legislation; codify abortion rights, and cap the price of insulin for all at \$35 a month.

Biden's 2023 State of the Union: President appeals to Republicans to work together on debt ceiling, February 8, 2023, www.cnn.com; and Biden makes a pitch to 'finish the job' in his State of the Union address, February 7, 2023, www.npr.org



**The Chartered
Institute of Logistics
and Transport**

**North
America**

The recording and speaker presentations from the February 6 webinar: "Scaling Up Sustainability in Transport and Logistics" are available to view.

The video recording is available to view: [\[Here\]](#).
Andrea's presentation slides are available to view: [\[Here\]](#).
Ronan's presentation slides are available to view: [\[Here\]](#)

CILTNA Webinar: Intelligent Transportation Solutions to Retain and Increase Ridership - The TriMet approach

Wednesday, February 15, 2023
60 Minute Webinar
12:00 PM ET / 9:00 AM PT / 5:00 PM GMT

Moderated by: **Andrew Young**, Chair US Chapter CILT North America

A.J. O'Connor, Director of Intelligent Transportation Systems at TriMet

Adrian Pearmine, National Director for Smart Cities and Connected Vehicles for DKS Associates

Transit agencies across North America are facing headwinds to retain and expand their ridership. In the post pandemic world cities have experienced shifts in mobility patterns and needs. How can transit meet the mobility needs of communities and be a valuable service that is used out of choice rather than necessity?

Join us on Wednesday February 15th, 2023 at 12:00 PM ET/ 11:00 AM CT / 9:00 AM PT/ 5:00 PM GMT for a CILTNA Webinar: "Intelligent Transportation Solutions to Retain and Increase Ridership – The TriMet approach".

Transit agencies across North America are facing headwinds to retain and expand their ridership. In the post pandemic world cities have experienced shifts in mobility patterns and needs. Transit needs to meet the mobility needs of communities and be a valuable service that is used out of choice rather than necessity.

Transportation's Top Stories Other CILT News

Part of a two-part series, this first webinar will look at how TriMet, provider of the bus, light rail and commuter rail service in the Portland, Oregon region, is applying innovative techniques, technology and data driven solutions to meet this challenge. TriMet has long been a leader in innovation in transit, including developing the General Transit Feed Specification (GTFS) with Google which has become a transit industry standard for data sharing.

To register, please visit: <https://ciltna.com/events/intelligent-transportation-solutions/>



The Chartered
Institute of Logistics
and Transport

The Ottawa Chapter of CILTNA is pleased to invite you to a Luncheon Address:

Developing a Roadmap for the Digitalization of Canada's Transportation Supply Chain

MONDAY, FEBRUARY 27, 2023
12:00 PM ET - 1:30 PM ET

50 O'Connor Street
6th Floor, Hunter Room
Ottawa, ON

Featuring: **Craig Hutton**, Associate Assistant Deputy Minister - Policy, Transport Canada

[Click Here to Register](#)

Please join the Ottawa Chapter of CILTNA on Monday, February 27 from 12 PM ET to 1:30 PM ET for a Luncheon Event at 50 O'Connor Street, 6th Floor, Hunter Room, Ottawa with guest speaker Craig Hutton, Associate Assistant Deputy Minister – Policy, Transport Canada. Craig will be speaking on the theme "Developing a Roadmap for the Digitalization of Canada's Transportation Supply Chain".

Members are \$20.00 and Non-Members are \$30.00. Please register by February 21, 2023 at: <https://ciltna.com/events/ottawa-chapter-luncheon-address/>

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*

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=7Sww7iZTp>

* **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.



★ **Did you know CILTNA has a YouTube Channel?**

To view all of our past webinar recordings, please subscribe to our YouTube channel at:

<https://www.youtube.com/channel/UC1gRKcOcJ5vohMSRFBjIEFA>

Subscribe and click the bell icon to receive notifications whenever we post a new webinar video.

★ **CILTNA International News Feed (INF) on WhatsApp**

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