

Transportation Information Update*

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AIR TRANSPORTATION

1. Cargo a small bright spot for Winnipeg Airport

Travel restrictions and self-isolation protocols continued to hinder Winnipeg Airports Authority's (WAA) recovery efforts in the third quarter of 2020. Cargo operations remained strong. The number of cargo plane landings increased by 1.85 percent in the third quarter of 2020 compared to the same period in 2019. The airport also welcomed a steady flow of large cargo aircraft from around the world, keeping Winnipeg connected to international markets.

2. Aircraft movement statistics: Major airports, August 2020

The pace of recovery in aircraft movements slowed in August 2020, even as domestic traffic (within Canada) continued to expand. Total aircraft take-offs and landings were down over one-quarter (-28.3%) from August 2019. The impact of the year-over-year decrease (-40.0%) in itinerant activity (flights from one airport to another) was mitigated by the uptick in local traffic (+2.1%), i.e., flights that remain in the vicinity of the airport. Penticton Airport in British Columbia recorded a 68.3% increase in domestic activity over August 2019 because of wildfires in the area. The level of domestic movements reported during the month was the highest for the airport since August 2003. Boundary Bay in British Columbia was Canada's busiest airport for the fourth consecutive month, reporting 27,469 movements (+8.1%).

3. Monthly civil aviation statistics, August 2020

In August 2020, typically the best month for the Canadian airline industry, there were signs of recovery, with the number of passengers surpassing one million for the first time since March 2020. Major Canadian airlines carried 1.1 million passengers on scheduled and charter services in August 2020. While this was 29.1% more passengers than in July 2020, it was down 86.8% from the same month in 2019. As in previous months, the recovery was largely driven by domestic travel as international demand remained generally weak amid border restrictions and quarantine enforcements. Compared with August 2019, air traffic fell to 2.3 billion passenger-kilometres, pushing operating revenues down 87.4% to \$343.0 million in August 2020.

4. WestJet welcomes start of Alberta-based quarantine trial

WestJet on November 2, 2020 welcomed WS1511 from Los Angeles (LAX) to Calgary International Airport (YYC) as the first of its international flights eligible to participate in a new Government of Alberta testing pilot program. The program is trialing a reduced quarantine period in Alberta, while protecting Canadians from COVID-19. "The start of this unique trial is a significant first step in giving peace of mind to those who need to travel and were apprehensive due to the rigorous quarantine requirements and testing restrictions," said Arved von zur Muehlen, WestJet Chief Commercial Officer. "This pilot is the health and science-based approach that WestJet and our industry has been seeking. We encourage our guests to adhere to all of the health guidelines in place as part of this program."

AIR TRANSPORTATION Canada

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2. Aircraft movement statistics: Major airports, August 2020, October 29, 2020, www.statcan.gc.ca
3. Monthly civil aviation statistics, August 2020, October 29, 2020, www.statcan.gc.ca
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18. Statement on the November 8, 2020 Air

* The news indicated from the citations is those of the authors and not of Industry Canada or the CTRF.

5. Air Canada Rouge Returns to the Skies Today

The departure of Air Canada flight AC1810 from Toronto to Cancun on November 2, 2020 marked the return of Air Canada Rouge to the skies. "Air Canada Rouge remains an important part of our overall strategy in rebuilding Air Canada's global network. As leisure traffic resumes, we will progressively add Air Canada Rouge to select North American leisure markets from Eastern Canada," said Mark Galardo, Vice President, Network Planning and Alliances at Air Canada.

6. Government of Canada announces agreement with the Government of the Northwest Territories to support essential air access to remote communities

On November 7, 2020, the Minister of Transport, the Honourable Marc Garneau, the Minister of Northern Affairs, the Honourable Daniel Vandal, and Minister of Finance for the Government of the Northwest Territories, the Honourable Caroline Wawzonek, announced a new agreement with the Government of the Northwest Territories to support essential air access to remote communities. The Government of Canada is contributing up to \$17.1 million to ensure continuity of service for at least six months and up to 18 months if necessary. The Government of the Northwest Territories is also providing up to \$3 million through this agreement.

7. Government of Canada announces agreement with the Government of Nunavut to support essential air access to remote communities

On November 7, 2020, the Minister of Transport, the Honourable Marc Garneau, the Minister of Northern Affairs, the Honourable Daniel Vandal, and Nunavut's Minister of Economic Development and Transportation, the Honourable David Akeagok, announced a new agreement with the Government of Nunavut to support essential air access to remote communities. The Government of Canada is contributing up to \$17.1 million to ensure continuity of service for at least six months and up to 18 months if necessary. The Government of Nunavut is willing to commit an equal amount, up to \$17.1 million, through a combination of monetary and in-kind contributions.

8. Airlines can't cut costs fast enough to save jobs

The International Air Transport Association (IATA) says airlines cannot slash costs sufficiently to neutralize severe cash burn to avoid bankruptcies and preserve jobs in 2021. IATA reiterated its call for government relief measures to sustain airlines financially and avoid massive employment terminations. IATA also called for pre-flight Covid-19 testing to open borders and enable travel without quarantine. Total industry revenues in 2021 are expected to be down 46 percent compared to the 2019 figure of US\$838 billion. The previous analysis was for 2021 revenues to be down around 29 percent compared to 2019. This was based on expectations for a demand recovery commencing in the fourth quarter of 2020.

9. Weekly aircraft movements, October 17 to 23, 2020

Data on weekly aircraft itinerant movements are now available for October 17 to 23, 2020 on statcan website. Total domestic movements were 31, 866 on October 17, 2020 compared to 31,707 on October 10, 2020.

10. September Offers No Relief to Passenger Downturn

The International Air Transport Association (IATA) announced that passenger demand in September 2020 remained highly depressed. Total demand (measured in revenue passenger kilometers or RPKs) was 72.8% below September 2019 levels (only slightly improved over the 75.2% year-to-year decline recorded in August). Capacity was down 63% compared to a year ago and load factor fell 21.8 percentage points to 60.1%. International passenger demand in September 2020 plunged 88.8% compared to September

Sector Announcement by Transport Minister Marc Garneau, November 10, 2020, www.cacairports.ca

19. Statement by Minister Garneau on measures to protect Canadians from the impacts of COVID-19 on the air travel sector, November 8, 2020, www.tc.gc.ca

20. Government of Canada announces agreement with Government of Yukon to support essential air access to remote communities, November 9, 2020, www.tc.gc.ca

21. Ottawa may draw on high-interest federal loan program for airline bailout, November 10, 2020, www.ctl.ca

22. U.S. Airlines cargo September 2020, November 10, 2020, www.bts.gov

23. Yukon extends measures to ensure air service to remote communities, November 13, 2020, www.ctl.ca

24. Weekly aircraft movements, October 24 to 30, 2020, November 12, 2020, www.statcan.gc.ca

25. Airports Council Welcomes Updated ICAO Restart and Recovery Guidance, November 12, 2020, www.cacairports.ca

26. Airlines could soon be operating unmanned drones in addition to aircraft flown by pilots, or serve as a logistics intermediary between shippers and third-party carriers, November 15, 2020, www.freightwaves.com

27. August 2020 U.S. Airline Traffic Data, November 13, 2020, www.bts.gov

28. Statement by Minister Garneau on inaugural National Drone Safety Awareness Day, November 13, 2020, www.tc.gc.ca

29. WestJet adds holiday heat to December schedule, November 16, 2020, www.westjet.ca

30. Aer Lingus – Oneworld Application for Antitrust Immunity, November 16, 2020, www.dot.gov

31. Mid-September 2020 U.S. Passenger Airline Employment Down More Than 6,000 FTEs from Mid-August, November 16, 2020, www.bts.gov

32. IATA issues vaccine distribution guidance, November 16, 2020, www.insidelogistics.com

33. United States and the United Kingdom Sign New Open Skies Agreement, November 17, 2020, www.dot.gov

34. More freighters needed to support global supply chains and e-commerce expansion, Boeing says, November 17, 2020, www.ajot.com

35. Porter Airlines adjusts planned restart date to Feb. 11, November 18, 2020, www.flyporter.com

36. Weekly aircraft movements, October 31 to November 6, 2020, November 18, 2020, www.statcan.gc.ca

37. First transatlantic flight with mandatory Covid tests lands at London Heathrow, November 17, 2020, www.iata.org

38. Under a Quarter of Population Exposed to Office-Type Transportation Noise, November 18, 2020, www.bts.gov

39. WestJet to offer approved pre-flight testing for Hawaii travel, November 19, 2020, www.westjet.ca

2019, basically unchanged from the 88.5% decline recorded in August 2020. Capacity plummeted 78.9%, and load factor withered 38.2 percentage points to 43.5%. Domestic demand in September 2020 was down 43.3% compared to the previous year, improved from a 50.7% decline in August 2020. Compared to 2019, capacity fell 33.3% and the load factor dropped 12.4 percentage points to 69.9%.

11. Air Cargo Recovery Continues in September

The International Air Transport Association (IATA) released September 2020 data for global air freight markets showing that air cargo demand, while strengthening, remains depressed compared to 2019 levels. Global demand, measured in cargo tonne-kilometers (CTKs*), was 8% below previous-year levels in September (-9.9% for international operations) 2019. That is an improvement from the 12.1% year-on-year drop recorded in August 2020. Month-on-month demand grew by 3.7% in September 2020. Global capacity, measured in available cargo tonne-kilometers (ACTKs), shrank by 25.2% in September 2020 (-28% for international operations) compared to the previous year. That is nearly three times larger than the contraction in demand, indicating a severe lack of capacity in the market. "Air cargo volumes are down on 2019, but they are a world apart from the extreme difficulties in the passenger business. For air cargo, 92% of the business is still there, whereas about 90% of international passenger traffic has disappeared. Favorable indicators for the peak year-end season will support the continued recovery in demand. Already North American and African carriers are reporting demand gains on 2019. The challenge continues to be on capacity. As carriers adjust schedules to reflect falling passenger demand amid the resurgence of COVID-19, valuable belly capacity will be lost when it is needed the most," said Alexandre de Juniac, IATA's Director General and CEO.

12. U.S. Airlines September 2020 Fuel Use Down 9% from August

The Department of Transportation's Bureau of Transportation Statistics (BTS) on November 4, 2020 released U.S. airlines' September Fuel Cost and Consumption numbers. September 2020 fuel consumption was 9% lower than August 2020, 5% lower than July 2020, 30% higher than June 2020, 61% higher than May 2020 and 63% higher than April 2020. April 2020 was the lowest monthly fuel usage on record (447M gallons), dating back to 2000. September 2020 fuel consumption was down 51% from September 2019.

13. CTA publishes Inquiry Officer's report into complaints that airlines did not respect communications obligations under the Air Passenger Protection Regulations

The Canadian Transportation Agency (CTA) on November 5, 2020 published the Inquiry Officer's report on hundreds of complaints from air passengers alleging that airlines did not accurately communicate the reasons for flight delays or cancellations. The CTA is now opening pleadings and inviting public input on key questions of interpretation identified by the Inquiry Officer. The CTA launched this inquiry in February 2020 – shortly before the COVID-19 pandemic hit Canada – in order to efficiently deal with a surge of communications-related complaints it received from air passengers in the period immediately after the coming into force of all provisions of the *Air Passenger Protection Regulations* (APPR) on December 15, 2019. The inquiry considered 567 complaints, involving a total of 182 flights operated by Air Canada, WestJet, Sunwing, Air Transat, Swoop and United Airlines.

14. Accessibility and recovery: Breaking barriers to travellers with disabilities as aviation rebuilds

At the IATA Air transportation accessibility symposium, the CEO and Chair's address indicated that there are two core arguments for incorporating accessibility into the recovery process: basic decency and return on investment. He then outlined a strategy to achieve this. He indicated that here are five key components to a comprehensive strategy for advancing this objective based in part on the experience of the Canadian Transportation Agency, the CTA, which he led. These were described as: First, adoption of a "universal accessibility" lens. Second, deep and ongoing dialogue between operators, regulators, and persons with a variety of disabilities. Third, systematically sharing, learning from, and implementing best practices. Fourth, setting out clear, detailed rules and standards. Fifth, advancing common approaches across borders on a voluntary if not a mandatory basis.

15. Air Canada Reports Third Quarter 2020 Results

Total revenues of \$757 million in the third quarter of 2020 declined \$4.773 billion or 86 per cent from the third quarter of 2019. The airline reported third quarter 2020 negative EBITDA or (earnings before interest, taxes, depreciation and amortization), excluding special items, of \$554 million compared to third quarter 2019 EBITDA of \$1.472 billion. Air

40. Air Canada Welcomes Hawaii's Science-Based Initiative Eliminating Quarantine for Canadians Going to Hawaii, November 19, 2020, www.aircanada.ca
41. Statement by Minister Garneau on Federal Aviation Administration's certification of changes to the Boeing 737 MAX aircraft, November 18, 2020, www.tc.gc.ca
42. Quarterly civil aviation statistics, second quarter 2020, November 20, 2020, www.statcan.gc.ca
43. Airline Industry Economic Performance – Report - November 2020, November 23, 2020, www.iata.org
44. Airports Council looking for aid, November 24, 2020, www.insidelogistics.ca
45. Minister Garneau announces strengthened requirements for emergency locator transmitters on aircraft in Canada, November 25, 2020, www.tc.gc.ca
46. Weekly aircraft movements, November 7 to 13, 2020, November 25, 2020, www.statcan.gc.ca
47. Cargojet adding planes, pilots for peak, November 26, 2020, www.insidelogistics.com
48. Air Travel Consumer Report: September 2020 and 3rd Quarter 2020 Numbers, November 25, 2020, www.dot.gov
49. Aircraft movement statistics: Major airports, September 2020, November 26, 2020, www.statcan.gc.ca
50. Monthly civil aviation statistics, September 2020, November 26, 2020, www.statcan.gc.ca

Canada reported an operating loss of \$785 million in the third quarter of 2020 compared to operating income of \$956 million in the third quarter of 2019. Total revenue passengers carried declined 88 per cent in the quarter compared to last year's third quarter. Unrestricted liquidity amounted to \$8.189 billion at September 30, 2020. "Today's results reflect COVID-19's unprecedented impact on our industry globally and on Air Canada in what has historically been our most productive and profitable quarter. From the outset, we have made the health and safety of our customers and employees our chief concern."

16. Ottawa makes refunds for cancelled flights condition for airlines to tap federal aid

Transport Minister Marc Garneau said on November 8, 2020 that taxpayer-funded relief — possibly in the form of government-backed loans — will come with a requirement that Canadians whose flights were cancelled due to the pandemic get refunds. The federal government is in talks with Canada's major airlines about a rescue package with "strict conditions" that will help them stay afloat during the coronavirus pandemic, and the country's airports don't want to be left out or forced to take a hit to help air carriers. "The crisis has lasted longer than expected, with massive financial challenges for airports," said Daniel-Robert Gooch, president of the Canadian Airports Council. Transport Minister Marc Garneau said on November 8, 2020 that taxpayer-funded relief — possibly in the form of government-backed loans — will come with a requirement that Canadians whose flights were cancelled due to the pandemic get refunds.

17. Air Canada launches transformed Aeroplan program with additional benefits and richest-ever bonus offers

Air Canada said on November 10, 2020 that its transformed Aeroplan loyalty program is now live. Existing Aeroplan accounts and membership numbers have automatically moved to the new program. Aeroplan miles are now "Aeroplan points," with prior balances honoured on a one-to-one basis. Exciting welcome bonuses are also available for new Aeroplan credit card accounts from our card partners TD, American Express and CIBC. All current Aeroplan credit cardholders continue to earn points as normal, and they now have access to a range of new benefits. The transformed Aeroplan program, designed to put the member experience first, comes with personalized, flexible and easy-to-use features. It also offers exceptional value allowing members to travel more and travel better.

18. Statement on the November 8, 2020 Air Sector Announcement by Transport Minister Marc Garneau

In response to Transport Minister Marc Garneau's statement of November 8, 2020 on support for Canada's air sector, Canada's airports are pleased that financial support for the sector may finally be within sight. The federal government indicated it intends to begin discussions with major airlines next week. As airports are strategic transportation assets for trade and tourism, facilitating cargo, medevac, and remote community access, it is essential that the government engage with airports also, before finalizing any package that could affect airports' ability to support the long-term needs of their communities.

19. Statement by Minister Garneau on measures to protect Canadians from the impacts of COVID-19 on the air travel sector

On November 8, 2020, the Minister of Transport, the Honourable Marc Garneau, issued a statement, part of which states: "We have heard from Canadians who have lost air service to their regional communities. "Canadians are rightly angered by these developments. "The air sector cannot respond to these challenges on its own, given the unprecedented impacts on its operations. To protect Canadians, the Government of Canada is developing a package of assistance to Canadian airlines, airports and the aerospace sector. As part of this package, we are ready to establish a process with major airlines regarding financial assistance which could include loans and potentially other support to secure important results for Canadians. We anticipate beginning discussions with them this week. "Before we spend one penny of taxpayer money on airlines, we will ensure Canadians get their refunds. Regional connectivity is important to Canadians travelling now and in the future. We will ensure Canadians and regional communities retain air connections to the rest of Canada, and that Canadian air carriers maintain their status as key customers of Canada's aerospace industry. Any assistance the Government of Canada provides will come with strict conditions to protect Canadians and the public interest."

20. Government of Canada announces agreement with Government of Yukon to support essential air access to remote communities

On November 9, 2020, the Minister of Transport, the Honourable Marc Garneau, the Minister of Northern Affairs, the Honourable Daniel Vandal, and the Minister of Highways and Public Works for the Government of Yukon, the Honourable Richard Mostyn, announced a new agreement with the Government of Yukon to support essential air access to remote communities. The Government of Canada is contributing up to \$7 million to ensure continuity of service for at least six months and up to 18 months if necessary. The Government of Yukon is also extending fee waivers totalling up to \$234,000, through to the end of March 2021.

21. Ottawa may draw on high-interest federal loan program for airline bailout

Innovation Minister Navdeep Bains says a federal loan program little-loved by industry will be among the options Ottawa weighs as it sits down with airline executives to negotiate a government aid package. The Large Employer

Emergency Financing Facility (LEEFF) could play a key role in lifting carriers out of the dire financial straits caused by the Covid-19 pandemic, Bains said at a news conference on November 9, 2020. Program offers loans of \$60 million or more to large companies facing cash problems, but comes with an interest rate far above average.

22. U.S. Airlines cargo September 2020

U.S. airlines carried 19% more cargo by weight in September 2020 (preliminary) than in September 2019. The rise was fuelled by a gain of 22% in domestic cargo and a 10% rise in international cargo, according to data filed with the Bureau of Transportation Statistics (BTS) by 15 of the leading U.S. cargo airlines. The 15 airlines carry 95% of the total cargo by weight on U.S. airlines. Cargo data consists of freight and mail carried within the U.S. and between the U.S. and foreign points.

23. Yukon extends measures to ensure air service to remote communities

The federal government is working with the Yukon government to ensure the continued supply of food, medical supplies, and other essential goods and services to remote northern communities that rely on air service as the only year-round mode of transportation. There are 28 communities with airports or aerodromes in Yukon that are considered remote. The Covid-19 pandemic is having a significant impact on these communities that depend on small air carriers for essential goods, services, and for access in and out of the community. The Government of Yukon is extending fee waivers until March 2021.

24. Weekly aircraft movements, October 24 to 30, 2020

Data on weekly aircraft itinerant movements are now available for October 24 to 30, 2020. Domestic movements for the week ending October 24, 2020 were 33,748 compared to 31,886 for the week ending October 17, 2020.

25. Airports Council Welcomes Updated ICAO Restart and Recovery Guidance

Airports Council International – North America (ACI-NA), the trade association representing commercial service airports in the United States and Canada, on November 12, 2020 welcomed updated guidance put forward by the International Civil Aviation Organization’s Council Aviation Recovery Task Force as the industry continues to work toward the safe and healthy reopening of air travel following the coronavirus (COVID-19) health pandemic.

26. Airlines could soon be operating unmanned drones in addition to aircraft flown by pilots, or serve as a logistics intermediary between shippers and third-party carriers.

Air Canada is leveraging its knowledge moving cargo to support drone deliveries and expand business in the fertile e-commerce sector. Japan Airlines is also involved in a drone delivery project and Astral Aviation in Kenya has set up a drone division. Air Canada officials said during a Nov. 9, 2020 call with analysts to discuss third quarter earnings that the entry into e-commerce will take Air Canada Cargo “to the next level.” The statement, which didn’t come with any details, most likely referred to the airline’s partnership with Drone Delivery Canada (DDC) and several early-stage projects it has brokered.

27. August 2020 U.S. Airline Traffic Data

U.S. airlines carried 23.7 million systemwide (domestic and international) scheduled service passengers in August 2020, seasonally-adjusted, according to the Bureau of Transportation Statistics’ (BTS), up 11.8% from July 2020. BTS is withholding the scheduled release of estimated traffic data for September and October 2020 because the statistical forecasts are based on previous trends and do not account for the impact of the coronavirus. BTS reported 22.5 million domestic passengers and 1.2 million international passengers on U.S. airlines flights in August 2020.

28. Statement by Minister Garneau on inaugural National Drone Safety Awareness Day

On November 13, 2020, the Minister of Transport, the Honourable Marc Garneau, issued the following statement: “Across Canada, drones play an important role in connecting communities with the resources they depend on, reaching hard to access rural and remote areas and helping in life saving search and rescue operations. They are quickly becoming part of an important economic sector in Canada, with significant potential to improve the lives of Canadians across the country. “I am proud to recognize Canada’s first annual National Drone Safety Awareness Day (Drone Safety Day). This day recognizes the exciting and innovative world of drones and the important role all drone pilots play in flying safely and keeping drones at a safe distance from people and other aircraft. ... “Our government looks forward to continuing to work together with communities and industry to develop the full potential that these exciting new technologies can offer Canadians.”

29. WestJet adds holiday heat to December schedule

WestJet on November 16, 2020 released its updated December schedule featuring up to 55 daily flights to sun destinations in the Caribbean, the United States (including Hawaii) and Mexico. The schedule also highlights increased domestic frequencies for travel starting December 5, 2020 through to January 4, 2021. "While this winter travel season looks quite different from years past, we are pleased to be able to offer our guests a variety of flights during the holidays," said Arved von zur Muehlen, WestJet Chief Commercial Officer. "Whatever the reason for travel, WestJet continues to safely connect Canadians to destinations across our network and will continue to make changes to the schedule to meet the ever-changing needs of our guests and airline." For sun seekers the airline is adding December

flights to Liberia (Costa Rica), Punta Cana, Puerto Plata (Dominican Republic), Bridgetown (Barbados), Mazatlán (Mexico), Huatulco (Mexico), Orlando, Las Vegas, Honolulu (Oahu) and Kahului (Maui).

30. Aer Lingus – Oneworld Application for Antitrust Immunity

On November 16, 2020, the U.S. Department of Transportation announces the tentative approval of, and grant of antitrust immunity for, the proposed addition of Aer Lingus to the existing Oneworld alliance. The carriers request antitrust immunity to include Aer Lingus in the existing joint venture including American Airlines, British Airways, OpenSkies, Iberia, and Finnair. Aer Lingus will be integrated into the joint venture's network planning, pricing, and sales activities. With Aer Lingus' addition, over time the carriers are expected to expand capacity on some existing routes while introducing services on several new routes, allowing more options for travel to and from Ireland and the rest of Europe.

31. Mid-September 2020 U.S. Passenger Airline Employment Down More Than 6,000 FTEs from Mid-August

The 23 U.S. scheduled passenger airlines employed 1.5% fewer full-time equivalents (FTEs) in mid-September 2020 than in mid-August 2020: 1) Mid-September's total number of FTEs (404,869) was down 6,307 FTEs from mid-August 2020 (411,176 FTEs) and down 56,728 FTEs from mid-March 2020. Mid-September was the lowest FTE total for any month since February 2016 (403,917 FTEs). 2) Mid-September FTEs were down more than 47,000 FTEs, a 10.5% drop from mid-September 2019 (452,138 FTEs).

32. IATA issues vaccine distribution guidance

To help ensure air cargo industry is ready to support the large-scale handling, transport and distribution of a Covid-19 vaccine, the International Air Transport Association (IATA) has released guidance to ensure that the air cargo industry is ready to support the large-scale handling, transport and distribution of a Covid-19 vaccine. IATA's Guidance for Vaccine and Pharmaceutical Logistics and Distribution provides recommendations for governments and the logistics supply chain in preparation for what will be the largest and most complex global logistics operation ever undertaken.

33. United States and the United Kingdom Sign New Open Skies Agreement

The United States and the United Kingdom on November 17, 2020 completed the signature of the Air Transport United Kingdom of Great Britain and Northern Ireland. Secretary of Transportation Elaine L. Chao and Secretary of State Mike Pompeo signed the Agreement for the United States. Secretary of State for Transport Grant Shapps signed the Agreement for the United Kingdom. "This historic U.S.-UK Open Skies Agreement builds upon the special relationship that exists between our nations," said U.S. Transportation Secretary Elaine L. Chao.

34. More freighters needed to support global supply chains and e-commerce expansion, Boeing says

2020 World Air Cargo Forecast anticipates more than 60% fleet growth over 20 years, including new and converted freighters. Boeing released its biennial World Air Cargo Forecast (WACF), reflecting COVID-19 impacts and opportunities as well as substantial long-term demand for freighters over the next two decades. Enabled by a rebound in global trade and long-term growth, the WACF forecasts demand for 2,430 freighters over the next 20 years, including 930 new production freighters and 1,500 freighters converted from passenger airplanes. According to the new forecast, world air cargo traffic will grow at 4% per year over the next 20 years. This growth is influenced by trade and growing express shipments to support expanding e-commerce operations. With these developments and the proven need for dedicated freighter capacity to support the world's transportation system, the global air cargo fleet is expected to grow by more than 60% through 2039. "Freighter operators have been in a unique position in 2020 to meet market requirements for speed, reliability and security, transporting medical supplies and other goods for people and communities around the world," said Darren Hulst, vice president of Commercial Marketing. "Looking ahead, dedicated freighters will be even more critical to compete in air cargo markets; they carry more than half of air cargo traffic, and airlines operating them earn nearly 90% of air cargo industry revenue."

35. Porter Airlines adjusts planned restart date to Feb. 11

Porter Airlines is updating its planned restart date for flights to Feb. 11, 2021 due to increasing COVID-19 cases and ongoing travel restrictions affecting customer demand. "Deferring service until 2021 is not a decision we anticipated having to make as COVID-19 emerged early this year," said Michael Deluce, president and CEO of Porter Airlines. "Every delay to restarting flights has the greatest effect on our team members, who are eager to do their part to help serve customers under safe conditions. Unfortunately, the continued and cumulative effects of restrictive travel advisories, border closures and quarantines have suffocated travel demand to the point that a return to sustainable levels of passenger traffic is highly unlikely in 2020."

36. Weekly aircraft movements, October 31 to November 6, 2020

Data on weekly aircraft itinerant movements are now available for October 31 to November 6, 2020 on the statcan website. For the week ending October 31, 2020 domestic movements were 34,061 compared to 33,748 for the week ending October 24, 2020.

37. First transatlantic flight with mandatory Covid tests lands at London Heathrow

A transatlantic flight on which all on board have tested negative for coronavirus has touched down in London. United

Airlines flight 14 from Newark airport in New York to Heathrow landed at 6.41am. It is the first in a series of a dozen transatlantic flights in November and December 2020 for which the crew and all passengers aged two and above are obliged to take a free Covid test before boarding the plane. Each passenger takes a nucleic acid amplification test, known as NAAT, at Newark airport. They are not believed to be as reliable as the PCR tests used by the NHS. One of just 37 passengers booked on the 300-seat aircraft tested positive and was told to postpone their trip.

38. Under a Quarter of Population Exposed to Office-Type Transportation Noise

Fewer than one-fourth of the 2018 U.S. population was potentially exposed to aviation and road noise, ranging from the equivalent of what people normally experience in offices at the low end (10% of population exposed) to a lawn mower or garbage disposal at the high end (0.1% exposure), according to the updated interactive National Transportation Noise Map released on November 18, 2020 by the U.S. Department of Transportation's Bureau of Transportation Statistics (BTS).

39. WestJet to offer approved pre-flight testing for Hawaii travel

WestJet on November 19, 2020 announced it has collaborated with the State of Hawaii to begin offering a pre-flight COVID-19 testing program for guests travelling to the islands. A negative test result, from WestJet laboratory partner DynaLIFE, is required within 72-hours of departure to Hawaii and will exempt the guest from the state's required 14-day quarantine upon arrival.

40. Air Canada Welcomes Hawaii's Science-Based Initiative Eliminating Quarantine for Canadians Going to Hawaii

Air Canada on November 19, 2020 welcomed Hawaii's announcement that Canadians are now eligible to be exempt from the state's mandatory 14-day quarantine on arrival in the Hawaiian Islands via a pre-travel testing process.

41. Statement by Minister Garneau on Federal Aviation Administration's certification of changes to the Boeing 737 MAX aircraft

"Our government remains committed to keeping Canadians, the travelling public, and the transportation system safe and secure. "We acknowledge that the United States Federal Aviation Administration (FAA) has released an Airworthiness Directive for the Boeing 737 MAX aircraft. Through this directive, the FAA is mandating its approved changes made to the Boeing 737 MAX aircraft, and confirms it can return to service in U.S. airspace. "Transport Canada has worked extensively with the FAA and other key certifying authorities, including the European Union Aviation Safety Agency (EASA) and the National Civil Aviation Agency of Brazil (ANAC), as well as the three Canadian operators of the Boeing 737 MAX aircraft, and their pilot unions throughout the validation process of the aircraft to address all factors necessary toward a safe return to service of the aircraft."

42. Quarterly civil aviation statistics, second quarter 2020

The second quarter 2020 results reflect the severity and abruptness of the impacts of the COVID-19 pandemic on Canadian airlines. Operating revenue for the 26 largest Canadian air carriers totalled \$1.3 billion in the second quarter, down 81.2% from the second quarter of 2019. This second consecutive year-over-year quarterly decline resulted in the largest net operating loss (-\$1.7 billion) since this series began. Goods revenue (\$567.0 million) was almost at par with passenger revenue (\$579.3 million), as air cargo became a mainstream business for some airlines in the wake of the COVID-19 pandemic. The three noticeable changes were: 1) The COVID-19 pandemic lowered passenger traffic and boosted cargo traffic. 2) A devastating quarter with record net operating losses occurred. 3) The key operating metrics deteriorated amid the pandemic.

43. Airline Industry Economic Performance – Report - November 2020

The key points of the IATA's Economic Performance of the Airline Industry report were: 1. COVID-19 decimated air connectivity and the economic benefits that generates. It is now recovering but still down one-third. 2. Air cargo has supported global supply chains and should recover to 2019 levels next year, but air travel will take several years. 3. Vaccines and testing expected to support global travel at 50% of 2019 levels 2021, with significant gains later in the year. 4. Airlines have been cutting costs substantially, but cash burn is forecast to continue until the fourth quarter of 2021. 5. The industry is forecast to make net losses of \$118 billion this year, cutting these losses to \$38 billion in 2021. 6. A number of airlines have substantial cash reserves to survive until revenues rise strongly late in 2021. But many airlines do not. 7. Airlines typically pay governments \$111 billion per annum in tax revenue, but COVID-19 required life support from aid totalling \$173 billion. 8. Airline financial performance is expected to recover first in Asia Pacific, followed by airlines in the developed market regions.

44. Airports Council looking for aid

An industry group is sounding the alarm over the financial state of the country's airports as ongoing travel restrictions take a crippling toll on passenger traffic levels and revenues. Since April, traffic in airports has been down 90 percent. The Canadian Airports Council (CAC), which represents more than 100 airports nationwide, is asking the government to implement a Covid-19 testing program at airports to reduce or eliminate quarantine restrictions and provide interest-free loans or direct operational support for airports, among other measures.

45. Minister Garneau announces strengthened requirements for emergency locator transmitters on aircraft in Canada

On November 25, 2020, the Minister of Transport, the Honourable Marc Garneau, announced changes to the Canadian Aviation Regulations to mandate the use of digital emergency locator transmitters (ELTs) onboard aircraft flying in Canada. The new, strengthened requirements will: 1) improve passenger safety by increasing the likelihood that the distress signals will be received; 2) enhance the efficiency of search and rescue operations by providing rapid, reliable and accurate position information to search and rescue services; 3) reduce false alarms and the unnecessary deployment of search and rescue resources; 4) harmonize emergency locator transmitter requirements with international standards; and, 5) respond to a recommendation from the Transportation Safety Board of Canada, which called for the installation of digital emergency locator transmitters on all Canadian-registered aircraft and foreign aircraft operating in Canada.

46. Weekly aircraft movements, November 7 to 13, 2020

Data on weekly aircraft itinerant movements are now available for November 7 to 13, 2020. Domestic movements for the week ending November 7, 2020 were 34,943 compared to 34,061 for the week ending October 31, 2020.

47. Cargojet adding planes, pilots for peak

Cargojet Inc. says it is preparing for record levels of online shopping over the holidays as Canadians buy gifts digitally during restrictions at brick-and-mortar stores, and is taking unprecedented measures to try to keep package deliveries on time. The Mississauga-based company says it is hiring additional pilots and staff, and added a new plane to its fleet this month for the second time this year. It is increasing its capacity by 20 percent.

48. Air Travel Consumer Report: September 2020 and 3rd Quarter 2020 Numbers

The U.S. Department of Transportation today released its November 2020 Air Travel Consumer Report (ATCR) on reporting marketing and operating air carrier data compiled for the month of September 2020. The full consumer report and other aviation consumer matters of interest to the public can be found at <http://www.transportation.gov/airconsumer>.

49. Aircraft movement statistics: Major airports, September 2020

In September 2020, the total number of aircraft movements in Canada was down 30.3% from September 2019, with itinerant traffic (flights from one airport to another) declining 39.8%. Domestic (flights within Canada) and transborder (flights to the United States) traffic in September 2020 was similar to August 2020, with domestic activity down 32.0% and transborder activity down 85.1% year over year. While other international traffic edged up from August 2020, it was still 74.2% below its level posted in September 2019. Although traffic at many airports in British Columbia was affected mid-month by smoke from wildfires in the United States, Boundary Bay remained Canada's busiest airport for the fifth consecutive month, reporting 16,422 movements.

50. Monthly civil aviation statistics, September 2020

In September 2020, the recovery of air travel flattened out as major Canadian airlines carried 914,000 passengers on scheduled and charter services. This was down 86.8% from the same month in 2019, and down 16.2% from August 2020—similar to a typical seasonal decline. As in previous months, most travel was domestic as international demand remained generally weak amid border travel restrictions and quarantine enforcements. However, domestic passenger volumes in September 2020 declined more than international passenger volumes compared with August 2020. Compared with September 2019, air traffic fell to 2.0 billion passenger-kilometres, pushing operating revenues down 85.3% to \$315.7 million in September 2020.

WATER TRANSPORTATION

1. Minister Garneau announces extended measures for cruise ships and pleasure craft in Canada

On October 29, 2020, given the ongoing situation with COVID-19, the Minister of Transport, the Honourable Marc Garneau, announced the extension of measures pertaining to cruise ships and pleasure craft until February 28, 2021. This means: 1) Cruise ships with overnight accommodations carrying more than 100 people continue to be prohibited from operating in Canadian waters. 2) All other passenger vessels must continue following provincial, territorial, local and regional health authority guidance. 3) Passenger vessels carrying more than 12 people continue to be

WATER TRANSPORTATION Canada

1. Minister Garneau announces extended measures for cruise ships and pleasure craft in Canada, October 29, 2020, www.tc.gc.ca
2. Waves of change: Assessing the potential impact of a carbon levy on shipping costs, November 2, 2020, www.ajot.com
3. Government of Canada announces contribution to a new Marine Acoustic Research Station in the St. Lawrence Estuary, November 4, 2020, www.tc.gc.ca

prohibited from entering Arctic coastal waters, including Nunatsiavut, Nunavik and the Labrador Coast. 4) Adventure-seeking pleasure craft also continue to be banned in Arctic waters.

2. Waves of change: Assessing the potential impact of a carbon levy on shipping costs

The year 2020 has been one of unexpected change and it has been no different for the maritime space. On January 1, 2020, the International Maritime Organization (IMO) started enforcing a new regulation (IMO 2020) that caps the allowable sulfur content of all global fuel oil used in ships from its former level of 3.5% m/m (mass/mass) to 0.5% m/m. The demand destruction in the oil markets led to a flood of traders chartering vessels for floating storage and high volatility in charter prices. Between March 2020 and May 2020, one-year very large crude carrier (VLCC) rates increased 100%. The spot rate was even more volatile, with the TD1 route (Arabian Gulf to U.S. Gulf Coast) seeing over a 500% increase.

3. Government of Canada announces contribution to a new Marine Acoustic Research Station in the St. Lawrence Estuary

On November 4, 2020, the Minister of Transport, the Honourable Marc Garneau announced \$2.5M through the Quiet Vessel Initiative to help establish and operate the world-class Marine Acoustic Research Station (MARS) in the St. Lawrence Estuary. The research station will be comprised of underwater hydrophones that are anchored to the sea bed, and connected to telecommunication buoys in the Laurentian Channel shipping corridor, near Rimouski, Quebec. This investment in research will help address the impacts of underwater vessel noise on the environment. Results of the MARS project will inform the development of further Canadian quiet vessel solutions nationally and internationally, and can be used to measure the effectiveness of innovations like new propeller designs, vessel maintenance practices, and new types of hull coatings to help reduce underwater vessel noise.

4. Ocean cargo 'lone bright spot' for Port Authority of NY/NJ

The Port of New York and New Jersey reported on November 5, 2020 that it was continuing its recovery to 2019 levels and had surpassed its all-time monthly volume record. The Port said it handled 720,969 twenty-foot equivalent units (TEUs) in September 2020, a 15.4% increase from the 624,961 TEUs moved in the same month last year. From Jan. 1 to Sept. 30, 2020 the port handled 5,382,422 TEUs. A statement from the port attributed September's 2020 volume record to U.S. retailers stocking up for the holiday season as well as "growing concerns of future supply chain disruptions." The port did not identify the source of those possible disruptions, but the resurgence of COVID-19 outbreaks again has forced business shutdowns, many in Europe.

5. America's largest cranes arrive at NIT increasing the Port of Virginia's® ability to handle ships of the future

The Port of Virginia on November 5, 2020 welcomed a pair of massive container cranes to Norfolk International Terminals (NIT), the final pieces of equipment needed to complete the \$450 million, two-a-half-year-long renovation of the terminal's South Berth. The largest of their kind in the United States, these cranes will be able to accommodate ultra-large container vessels, or ULCVs, that make regular stops in Virginia and even higher-volume ships of the future. The largest of their kind in the United States, these cranes will be able to accommodate ultra-large container vessels, or ULCVs, that make regular stops in Virginia and even higher-volume ships of the future. "It's a landmark moment for The Port of Virginia because it signals the completion of the overall expansion of this port that started back in 2016," said John F. Reinhart, CEO and executive director of the Virginia Port Authority. "With these units we'll have significant lift capacity in the harbor

4. Ocean cargo 'lone bright spot' for Port Authority of NY/NJ, November 5, 2020, www.americanshipper.com

5. America's largest cranes arrive at NIT increasing the Port of Virginia's® ability to handle ships of the future, November 5, 2020, www.ajot.com

6. Five consortia answer the Request for Qualification to design and build a new strategic infrastructure of national interest, November 6, 2020, www.portofmontreal.ca

7. LA box signal spikes and charter rates go 'through the roof', November 6, 2020, www.americanshipper.com

8. Port of NY/NJ strives to keep cargo flowing, November 9, 2020, www.americanshipper.com

9. U.S. ports see busiest-ever import peak, November 9, 2020, www.insidelogistics.com

10. Containers are 'the new gold' amid 'black swan' box squeeze, November 11, 2020, www.americanshipper.com

11. Port of Long Beach again breaks container record, November 12, 2020, www.americanshipper.com

12. Hapag-Lloyd: Box boom, capacity crunch may last into 2021, November 13, 2020, www.freightwaves.com

13. The Government of Canada invests in Arctic sealift and re-supply operations and marks the fourth anniversary of the Transport Canada and marine stakeholders establish the Seafarers' Welfare Board, November 13, 2020, www.tc.gc.ca

14. Oceans Protection Plan, November 13, 2020, www.tc.gc.ca

15. Containerized grain shippers feeling brunt of tight market, November 18, 2020, www.americanshipper.com

16. Impact assessment agency of Canada releases its draft report, November 18, 2020, www.portofmontreal.ca

17. U.S. agriculture builds momentum in the Great Lakes-St. Lawrence Seaway System, November 18, 2020, www.ajot.com

18. Navigating Towards Cleaner Maritime Shipping, November 19, 2020, www.itf-oced.org

19. Moller-Maersk sees demand decline, November 18, 2020, www.cfl.ca

20. Significant action taken in 2020 to protect North Atlantic right whales in Canada, November 18, 2020, www.tc.gc.ca

21. Strong Q3 demand drives up CMA CGM profitability, November 20, 2020, www.joc.com

22. Import surge causing congestion at ports, November 23, 2020, www.insidelogistics.ca

23. Ag export equation: Bulk surge, box squeeze, 'reefer madness' Good news for America, November 24, 2020, www.americanshipper.com

24. PRPA scores top marks for environmental performance, November 24, 2020, www.rupertport.com

23. Ag export equation: Bulk surge, box squeeze, 'reefer madness' Good news for America, November 24, 2020, www.americanshipper.com

24. PRPA scores top marks for environmental performance, November 24, 2020,

and the ability to handle multiple ULCVs [ultra-large container ships] at once at both NIT and Virginia International Gateway [VIG]. This benefits the port's users and it says, very clearly, to the ocean carriers and the industry that we are prepared to handle big ships and growing cargo volumes safely, swiftly and sustainably for decades to come."

www.rupertport.com

25. Breaking shortsea ground on Seaway, November 25, 2020, www.ajot.com

6. Five consortia answer the Request for Qualification to design and build a new strategic infrastructure of national interest

In response to the Request for Qualification for the design and construction of a new container terminal in Contrecoeur, as of October 30, 2020 the Montreal Port Authority has received bid responses from five bidders. These consortia expressed their intention to be qualified for the next step of the procurement process initiated by the Montreal Port Authority. Each bid response will be thoroughly evaluated based on technical and financial criteria, and a maximum of three bidders will be selected to participate in the Request for Proposals which, subject to obtaining the required approvals and permits, will begin in 2021.

7. LA box signal spikes and charter rates go 'through the roof'

If you thought the trans-Pacific market was crazy in September and October 2020, buckle up. Containerized import demand is not abating and cargo volumes are now backing up at anchorage. The Port of Los Angeles Signal tool offers a short-term indicator of market strength. Ship charter rates provide a longer-term bellwether. In both cases, the latest data shows no evidence of any trans-Pacific demand respite. In fact, the numbers point in the opposite direction. There are more bullish indicators and there does not appear to be any letup for the red-hot trans-Pacific market.

8. Port of NY/NJ strives to keep cargo flowing

Port of New York and New Jersey officials announced on Monday, November 9, 2020 they are "taking extra measures to keep the supply chain fluid." The port set a monthly container record in August 2020 with 688,365 twenty-foot equivalent units (TEUs). It then broke that record in September 2020 by handling 720,969 TEUs, a 15.4% year-over-year increase. Last week, the port attributed September's 2020 volume record to U.S. retailers stocking up for the holiday season as well as "growing concerns of future supply chain disruptions." The port did not identify the source of those possible disruptions, but the United States is again setting daily records for new COVID-19 cases. Monday's announcement did attribute surging freight volumes "to several effects of the COVID-19 pandemic, including retailers replenishing depleted stocks, a transition to the 'stay-at-home' economy and inventory management strategies that incorporate more 'just-in-case' stock levels."

9. U.S. ports see busiest-ever import peak

U.S. ports handled an estimated 8.1 million TEU from July through October 2020 would be 6.1 percent increase over last year. Imports likely saw their busiest "peak season" on record this summer and fall as retailers replenished inventories and stocked up for the holiday season, according to the monthly Global Port Tracker report released by the National Retail Federation and Hackett Associates. U.S. ports covered by Global Port Tracker handled an estimated 8.1 million TEU from July through October 2020, the peak shipping season when retailers rush to bring in merchandise for the winter holidays each year. While subject to revision once October 2020 numbers become final, that would be an increase of 6.1 percent over last year and would beat the previous record of 7.7 million TEU set in 2018.

10. Containers are 'the new gold' amid 'black swan' box squeeze

"It seems like containers are the new gold these days," marveled Nerijus Poskus, global head of ocean freight at Flexport. "Container availability in Asia is extremely limited right now," added Flexport Head of North American Ocean Freight Jan Hinz during a company webinar on November 10, 2020. "It's causing a lot of hardship for our customers and the shipping industry as a whole. "We are currently seeing a 'black swan' and are experiencing the strongest increase in 40-foot [container] demand following one of the strongest decreases in demand ever," Hecker Director of Container Logistics said. "Almost three out of four containers in our 40-foot fleet are currently deployed ... and therefore not available."

11. Port of Long Beach again breaks container record

The Port of Long Beach has handled more than 800,000 twenty-foot equivalent units (TEUs) in a single month for the first time in its 109-year history. The Port moved 806,603 TEUs in October 2020 and broke the record set just a month earlier by more than 11,000 TEUs. Trade was up 17.2% from October 2019, the port said. The Port said imports jumped 19.4% last month compared to October 2019 with 402,408 TEUs, while exports were down 12.9% to 114,679 TEUs. Empty containers headed back overseas grew 31.8% to 289,517 TEUs.

12. Hapag-Lloyd: Box boom, capacity crunch may last into 2021

If you take a direct hit from a Category 3 hurricane, the fallout is far more severe if the storm stalls over your house than if it quickly passes by. The same goes for supply chains. When demand is super-hot, port and transport infrastructure can deal with short spikes, but eventually, they buckle. Backlogs in the U.S. are mounting in the face of surging imports. Container equipment in China is running out. When could the supply chain get some relief? Next

month or next year? Hapag-Lloyd CEO Rolf Habben Jansen commented on timing on November 13, 2020 Friday's quarterly conference call, after the German carrier reported net income of 252.5 million euros for Q3 2020, up 68% from 150.4 million euros in Q3 2019.

13. Transport Canada and marine stakeholders establish the Seafarers' Welfare Board

On November 13, 2020, the Minister of Transport, the Honourable Marc Garneau, in collaboration with the Canadian marine community, announced the establishment of the National Seafarers' Welfare Board. As part of Canada's commitment to the International Labour Organization's Maritime Labour Convention, the National Seafarers' Welfare Board will act as a forum for coordinating seafarer welfare in Canada. It will promote maritime workers' access to recreational, cultural and medical services, as well as shore-based welfare facilities. The Board will also advise the government on policy and regulatory issues such as shore leave and crew changes.

14. The Government of Canada invests in Arctic sealift and re-supply operations and marks the fourth anniversary of the Oceans Protection Plan

Communities in Canada's Arctic rely on marine sealift and re-supply services for food and important goods. Shipping in the Arctic can be challenging, given Northern communities are remote and the sealift and re-supply season is short. That is why the Government of Canada, through the Oceans Protection Plan, is making Arctic re-supply operations faster, safer, and more efficient for remote Northern communities. Marking the recent fourth anniversary of the Oceans Protection Plan, the Minister of Transport, the Honourable Marc Garneau, on November 13, 2020 announced \$64.9M in funding towards 15 projects that will improve sealift and re-supply services in the North.

15. Containerized grain shippers feeling brunt of tight market

North American containerized grain shippers are feeling the effects of the tight container market and there's no relief in sight. "It's very difficult to get containers to move grain," said Greg Northey, vice president of corporate affairs for Pulse Canada. About 30% of what Canadian pulse producers export travels via containers. Rates have gotten so high that it makes the whole supply chain uncompetitive, Northey said. Pulse producers can book a container, but they risk not having any containers available at the ports, he said. High container rates are the result of ocean shipping companies wanting to meet demand for containerized imports, according to agricultural consultant Jay O'Neil and recent *FreightWaves* reports. The ocean carriers want fast turnarounds of the containers once they have reached inland U.S. and Canada, and so instead of collecting grain shipments for the trip back to the coastal ports, the ocean carriers transport empty containers back to the ports.

16. Impact assessment agency of Canada releases its draft report

Following an exhaustive analysis process that began in 2015, the Impact Assessment Agency of Canada (IAAC) has released its draft report on the Montreal Port Authority's (MPA) Contrecoeur container terminal project. The MPA proceeds with the analysis of the report and reiterates its commitment to implement exemplary mitigation and compensation measures. It will also remain attentive to Agency requests from start to finish of the project's design, construction and operation in order to foster harmonious integration into the community. The report describes: A long-term project; An anticipated report; and the Port of Montreal's Contrecoeur expansion.

17. U.S. agriculture builds momentum in the Great Lakes-St. Lawrence Seaway System

Amidst a challenging 2020 navigation season, overall tonnage across the Great Lakes-St. Lawrence Seaway System is down 7.9 percent compared to this time last year. From the opening of the St. Lawrence Seaway on April 1, 2020 through October 31, 2020, American and Canadian ports handled a total of 27.6 million metric tons (mt). In October 2020, ports in the Great Lakes-St. Lawrence Seaway System traded with a total of 31 countries across the globe.

18. Navigating Towards Cleaner Maritime Shipping

A new report by the International Transport Forum explores ways to reduce carbon emissions and air pollution from ships. The publication coincides with the 75th meeting of the Marine Environment Protection Committee of the International Maritime Organization. The report "Navigating Towards Cleaner Maritime Shipping" specifically examines how the Nordic region can build on its success as global leader in sustainable shipping, and how these experiences can help other shipping nations to reduce shipping emissions. The report details currently feasible technological options to reduce emissions and reviews the status of their adoption including government plans to shape future developments. It also assesses implications for policy making to achieve a rapid transition to cleaner maritime shipping.

19. Moller-Maersk sees demand decline

The world's biggest ocean carrier, Denmark's A.P. Moller-Maersk, said on November 18, 2020 that global container volumes increased by around one percent in the third quarter of 2020, a faster rebound than expected earlier in the year. However, global demand for containers is expected to contract by four to five percent this year due to the Covid-19 pandemic. The company said its third quarter revenue decreased by 1.4 percent to US\$9.9 billion while its profit rose to \$947 million from \$520 million during the same period a year earlier.

20. Significant action taken in 2020 to protect North Atlantic right whales in Canada

This year, Fisheries and Oceans Canada introduced a new season-long fishing area closure protocol in the Gulf of St. Lawrence, based on where whales were detected. The department also expanded the scope of where temporary and season-long closures were applied. As a result of these enhanced measures, 35,000 square kilometers was closed to fishing for the season—an area equivalent to six times the size of Prince Edward Island. An additional 6,935 square kilometers was closed temporarily during the season. These closures have direct economic and operational impacts on harvesters, and the Government of Canada appreciates their continued cooperation and collaboration in helping protect these endangered whales. In terms of vessel management measures, covering 72,000 square kilometers, Transport Canada introduced three new measures in addition to the implementation of the mandatory 10-knot speed restriction throughout much of the Gulf of St. Lawrence for vessels over 13 metres, including: 1) a two speed-restricted seasonal management areas; 2) a restricted area in and near the Shediac Valley where vessels were required to avoid the area, except for exempted vessels who were required to reduce their speed to eight knots in the area; and 3) a trial, voluntary slowdown of 10 knots in Cabot Strait, at the beginning and end of the season to address whale migration in and out of the Gulf of St. Lawrence.

21. Strong Q3 demand drives up CMA CGM profitability

CMA CGM is the latest carrier (Q3 2020) to post a highly profitable quarterly result in what the CEO has called “a favorable environment” that is expected to continue into the fourth quarter.

22. Import surge causing congestion at ports

Container shipping company Hapag-Lloyd has reported significant delays at U.S. ports. The company shared the details in a customer bulletin on November 23, 2020, saying the delays are a result of a “spike in import volumes”. As of Friday, November 20th there were 13 ships at anchor awaiting berths in the Port of Los Angeles and Long Beach. A shortage of railcars was affecting inland transportation transit time to all main inland ramps. The situation has since improved at the terminals, but they are still congested.

23. Ag export equation: Bulk surge, box squeeze, ‘reefer madness’ Good news for America

Good news for America’s beleaguered agriculture exporters: China is buying again. A lot. Bulk-vessel loadings are finally returning to pre-trade-war levels just as President Donald Trump is leaving office. Bad news for exporters: Ag shipments via containers now face a double whammy. First, exporters still don’t have enough containers to get their goods to Asia in a timely fashion. And second, China is once again clamping down on inspections on fears that frozen food carries COVID. When China intensifies food inspections, inland moves of reefer boxes slow. When that happens, terminal reefer plugs — the power sources — max out. Ships cannot unload inbound reefers at a terminal without available plugs.

24. PRPA scores top marks for environmental performance

Green Marine has determined that the Prince Rupert Port Authority (PRPA) is once again one of the highest environmental performers in North America, significantly exceeding jurisdictional regulations and further establishing its reputation as a global leader in environmental stewardship. Green Marine is a voluntary environmental certification program for the North American marine industry that encourages participants to reduce their environmental footprint by taking concrete actions. The program is a rigorous, transparent, and inclusive initiative that addresses key environmental issues through targeted performance indicators. All results are verified and published every two years by accredited external auditors to achieve Green Marine certification.

25. Breaking shortsea ground on Seaway

Four decades ago, in 1981, Manchester Liners abandoned a 500-TEU feeder service it had operated for a decade between Montreal and the Great Lakes via the St. Lawrence Seaway. For many years, fully cellular ships were then absent on the North American waterway. A project was considered in 2009, but dropped in favor of transit by truck and rail. In 2014, the Dutch Spliethoff Group was the first carrier to launch a liner service with multi-purpose vessels linking Antwerp to Cleveland. Earlier this fall, however, Quebec-based Groupe Desgagnés created a buzz by transporting nearly 400 containers from Montreal to the Port of Toronto to facilitate deliveries to receivers of congestion-delayed cargo in Canada’s largest market. Other voyages were planned after the one on October 20 from Montreal to the Port of Toronto,” Beauchamp-Parent said. “We had a window. But congestion and other issues arose in Toronto and prevented us from continuing before the closing of the Seaway season. Things are all in the timing.”

RAIL TRANSPORTATION

1. CN Shatters Grain Record by Delivering Biggest Month Ever

With two days left in October 2020 CN has already exceeded the previous record of 2.88 million metric tons of Canadian grain moved set in October 2019 and is on track to exceed the previously unattained 3 MMT mark. This unprecedented performance follows seven record months of Canadian grain movement in March, April, May, June, July, August, and September 2020. CN is also pleased to announce that it will be receiving its first shipment of the 1,500 North American Built, new generation, high-capacity, grain hopper cars, with 100 cars already received and another 500 expected to be in service between now and the end of the year. These new 5,431 cubic foot, 55-foot eight-inch jumbo grain hopper cars, can carry approximately 10% more grain than older generation cars. This order follows CN's 2018 order of 1,000 grain cars which are all in service.

2. CP announces best-ever month for Canadian grain transport, exceeds 3 MMT for first time

Canadian Pacific (CP) set a new record for shipping Canadian grain and grain products in October 2020, with 3.04 million metric tonnes (MMT) moved, the first time ever CP has exceeded 3 MMT in a month. This exceeds the highest-ever record for a month, set in April 2020, by 6.9 percent. It also better the previous October record of 2.66 MMT, set in 2019, by 14.2 percent. "CP's customers are managing strong and healthy supply chains to the ports, where new and expanded terminal capacity is facilitating very strong flows of grain," said Joan Hardy, CP Vice-President Sales and Marketing Grain and Fertilizers. "The CP family of railroaders ensured our customers and farmers received strong service through harvest and in turn created robust performance across the network to continue setting grain-shipping records."

3. A Grain-Move First: CN, CP Exceed 3 MMT in October

CN and Canadian Pacific (CP) each moved more than 3 million metric tons (MMT) of grain in October 2020—a first, as neither had ever exceeded that amount in one month. CN moved 3.27 MMT of Canadian grain in October 2020, beating the previous record of 2.88 MMT, set in October 2019, by 13.5%. This performance follows seven straight months of record grain movement (March-September). The railroad also reported that it has received 100 out of 1,500 recently ordered new-generation, high-capacity grain hopper cars, and expects another 500 to be in service by the end of the year. These new 5,431 cubic-foot cars can carry about 10% more grain than older generation cars. This order follows CN's 2018 order for 1,000 grain cars, all of which are in service.

4. Intermodal turns a corner in third quarter

Total intermodal volumes rose 1.2 percent year-over-year in the third quarter of 2020, according to the Intermodal Association of North America's Intermodal Quarterly report. Domestic containers and trailers both gained 9.8 percent compared to Q3 2019, while international shipments dropped 6.5 percent. "Inventory replenishment and increasing e-commerce activity, along with some capacity constraints on the trucking side, have helped intermodal to turn the corner this quarter," said Joni Casey, president and CEO of IANA. "This trend is expected to continue, but dependent on the ongoing impacts of COVID-19."

5. Edmonton Advances C\$2.6B Valley Line West LRT Extension

The City of Edmonton (Alberta) announced that Marigold Infrastructure Partners (MIP) is the preferred proponent to design, build and partially finance its C\$2.6-billion (US\$1.98-billion), 14-kilometer (8.7-mile) Valley Line West light rail extension. The consortium includes Colas Infrastructure Canada GP, Parsons Inc., Standard General Inc., Francl

RAIL TRANSPORTATION

Canada

1. CN Shatters Grain Record by Delivering Biggest Month Ever, October 30, 2020, www.cn.ca
2. CP announces best-ever month for Canadian grain transport, exceeds 3 MMT for first time, November 3, 2020, www.cpr.ca
3. A Grain-Move First: CN, CP Exceed 3 MMT in October, November 3, 2020, www.railwage.com
4. Intermodal turns a corner in third quarter, November 3, 2020, www.ajot.com
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20. CP recognized for leadership in sustainability, named to 2020 Dow Jones Sustainability Index North America, November 16, 2020, www.cpr.ca
21. CN Proud to Celebrate 25th Anniversary of its Privatization, November 17, 2020, www.cn.ca
22. CN IPO: 25 Years, C\$100B Market Cap—and Six Locomotives, November 17, 2020, www.railwage.com
23. Intermodal Registers Double-Digit Gain: AAR, November 18, 2020, www.railwage.com
24. CN will consider more layoffs if business slows, November 19, 2020, www.ctl.com
25. US Class I railroads are almost fully

Architecture Inc., Fast + EPP, and Stantec. The contract is expected to be finalized by year-end, with construction starting in 2021 and wrapping up in 2026 or 2027.

6. Transport Canada: Dangerous goods recommendations under study

The federal agency said on November 3, 2020 that 23 projects continue to research the transportation of dangerous goods in Canada. Topics for the 23 projects, which will be implemented from 2020 to 2023, were developed during the 2019 Transportation of Dangerous Goods Research Symposium. Project funding of CA\$3.6 million (US\$2.7 million) came from court settlements paid largely by Irving Oil and were related to the fatal July 2013 Lac-Mégantic rail accident. The announcement comes as the Commissioner of the Environment and Sustainable Development late last month released the results of an audit asserting that Transport Canada hasn't done enough to address the safety issues raised in transportation accidents. The fall 2020 report itself is a follow-up on recommendations issued to Transport Canada via government reports in 2011 and 2015. Of the 23 projects, six will proceed in 2021, with funding for the six projects estimated at \$900,000.

7. Canadian railways crush October grain records amid export boom

CP hauled 3.04 million metric tonnes (MMTs) in October, crossing the 3 MMT threshold and exceeding the previous all-time record set in April by 6.9%. Compared to October 2019, volumes of grain and grain volumes were up by 14.2%. Meanwhile, CN said on October 30, 2020 that it expected to exceed the 3 MMT threshold in October 2020, beating a previous record of 2.88 MMT in October 2019. October's 2020 record follows seven record months of Canadian grain movements from March through September, CN said. The record grain hauls come amid projections that Canada will export higher volumes of wheat and coarse grain during the 2020-21 grain year, according to the latest U.S. Department of Agriculture's World Agricultural Supply and Demand Estimates report.

8. AAR: Intermodal's Upward Trend Continues

October 2020 was the "the best month ever" for U.S. rail intermodal, with volumes up by one-third from April 2020—"a stunning increase in six months," Association of American Railroads Senior Vice President John T. Gray said on Nov. 4, 2020. Intermodal again offset carload declines, as U.S. rail traffic for the month—2,082,646 carloads and intermodal units—rose 2.0%, compared with the same month last year. Also positive: Carloads rose for 10 of the 20 categories AAR tracks, "the most since the pandemic began," Gray noted. In October 2020, carloads of grain "were their highest in 13 years, while carloads of motor vehicles and parts have recovered after falling close to 90% earlier this year," Gray continued. "Changes in energy markets continue to pressure carloads of coal, petroleum products, and frac sand and holding back total carloads. Excluding those three categories, carloads in October were a few percentage points higher than last year." Canadian railroads reported 76,575 carloads for the week, down 6.3%, and 81,269 intermodal units, up 20.4% compared with the same week in 2019. For the first 44 weeks of 2020, Canadian railroads reported cumulative rail traffic volume of 6,267,116 carloads, containers and trailers, down 6.2%.

9. Government of Canada investing in new research projects to improve safe transportation of dangerous goods in Canada

On November 3, 2020, the Minister of Transport, the Honourable Marc Garneau announced that research is underway through 23 new projects involving the transportation of dangerous goods. The research projects will be implemented from 2020 to 2023. A total of \$3.6 million has been allocated to the 23 research projects. Funding for the projects was provided to Transport Canada from court settlements paid largely by Irving Oil related to the Lac-Mégantic disaster. The projects were carefully selected among numerous ideas resulting from a research symposium held in 2019. The symposium brought together over 200 transportation of dangerous goods partners, including emergency responders, industry representatives, academia, and experts on the transportation of dangerous goods.

10. Minister of Transport issues revised Order to improve rail safety in the winter

On November 6, 2020, the Minister of Transport, the Honourable Marc Garneau, announced that he is issuing a new Ministerial Order under the *Rail Safety Act*, to further reduce the risk of derailments during cold temperatures, and to improve the efficiency of Canada's winter rail operations. The new Ministerial Order restricts train speeds based on cold temperature conditions, instead of restricting train speed based on a winter date range as required in the previous Ministerial Order. Railway companies will be required to develop and submit a Winter Operations Plan specific to each subdivision where higher risk key trains operate. The new Ministerial Order also specifies a number of additional key elements that must be satisfied in order to achieve a greater standard of safety during cold weather conditions, including: 1) improved track inspection and track maintenance practices; 2) requirement for further speed restrictions if

interoperable, November 19, 2020, www.americanshipper.com
26. Canadian Pacific gets early Christmas present from Maersk, November 22, 2020, www.americanshipper.com
27. CN Becomes Supporter of Task Force on Climate-related Financial Disclosures, November 23, 2020, www.cn.ca
28. TCI Fund Management seeks climate action from CP and CN, November 23, 2020, www.americanshipper.com
29. Updated work/rest rules for railway operating employees, November 26, 2020, www.tc.gc.ca
30. Minister of Transport announces updates to Duty/Rest Rules for Railway Operating Employees, November 25, 2020, www.tc.gc.ca
31. Railway carloadings, September 2020, November 25, 2020, www.statcan.gc.ca
32. CP building dual-coast deepwater port network, November 25, 2020, www.joc.com
33. AAR Week 47: Intermodal Continues to Drive Growth, November 26, 2020, www.railwavage.com
34. Crude by rail shipments bounce back from summer lows, November 26, 2020, www.insidelogistics.ca

warranted due to inspection results; 3) requirement of risk mitigation measures to account for rapid temperature fluctuation; 4) requirement of the use of new technology to detect a rail break; and 5) requirement for approval of the plan by a professional engineer.

11. Coal, petroleum and sand drive BNSF's operating revenues lower

Slumping revenues for coal and energy products put pressure on BNSF's profits in the third quarter, according to parent company Berkshire Hathaway. Third-quarter operating revenue was \$5 billion, down 14.1% compared with the third quarter of 2019, as rail volumes continued to be negatively impacted by the pandemic, Berkshire Hathaway said this weekend. Pretax earnings in the third quarter were \$1.8 billion, down 8.4% from the same period a year ago. Looking at operating revenues, third-quarter operating revenues for coal tumbled 34.6% to \$651 million, reflecting a decrease in the average revenue per car/unit as well as a 25.3% decline in coal volumes. The segment since the start of the year has experienced lower electricity demand, driven by impacts of the COVID-19 pandemic, as well as mild winter weather in the first quarter, low natural gas prices and utility coal plant retirements, Berkshire Hathaway said.

12. First Manned 'Hyperloop Technology' Test in Las Vegas

Virgin Hyperloop has demonstrated for the first time with riders its hyperloop technology at the 500-meter DevLoop test site in Las Vegas, where the company has previously run more than 400 unoccupied tests. Virgin Hyperloop is one of several companies competing to build the first revenue-service version of the hyperloop, Elon Musk's sub-sonic (700-mph) maglev-vehicle-inside-a-frictionless-vacuum-tube concept. It has received more than \$400 million in funding; DP World and the Virgin Group are among its investors. The company's Chief Technology Officer and Co-founder Josh Giegel and Director of Passenger Experience Sara Luchian rode in a two-seat Experimental-Pod-2 (XP-2), designed by BIG – Bjarke Ingels Group and Kilo Design. The pod was reportedly propelled to 107 mph in 6.25 seconds. Virgin Hyperloop estimates that the top speed of its system—with 28-passenger pods or cargo pods—would be 670 mph.

13. BNSF Releases Corporate Sustainability Report

BNSF has published its Corporate Sustainability Report for 2018-19, highlighting the railroad's work in areas such as safety, growth and capability, efficiency, technology, people, and community.

14. KCS: Investing for Growth, Delivering 'Meaningful' Capital Returns

Kansas City Southern's (KCS) Board of Directors on Nov. 10, 2020 approved updates to the railroad's capital allocation policy. KCS will continue to deploy available cash for capital projects and strategic investments (40%-50%) and for share repurchases and dividends (50%-60%). It will also, from time to time, "prudently use additional debt to support the revised policy and intends to increase its Debt-to-EBITDA ratio to the mid-2x range, consistent with its current ratings of BBB from Standard & Poor's and Fitch Ratings and Baa2 from Moody's." "Our plan to prudently increase the amount of capital returned to shareholders demonstrates management's and our Board's confidence in our strong growth prospects, ability to continue delivering on our long-range plan, and the long-term operational efficiencies and lower capital spend intensity created by our Precision Scheduled Railroading implementation," President and CEO Patrick J. Ottensmeyer said.

15. AAR Week 45: Intermodal Offsets Carloads, Again

For the week ending Nov. 7, 2020, a significant gain in intermodal once again surpassed a decline in carloads as the pandemic continued. U.S. rail traffic—522,028 carloads and intermodal units—rose 1.3% compared with the same week last year, the Association of American Railroads (AAR) reported Nov. 11, 2020. U.S. weekly intermodal volume was 293,746 containers and trailers, up 10.3% compared with the same week in 2019, while total carloads for the week were 228,282, down 8.4% compared with 2019, AAR reported. Canadian railroads reported 78,242 carloads for the week, down 6.1%, and 77,926 intermodal units, up 14.1% compared with the same week in 2019. For the first 45 weeks of 2020, Canadian railroads reported cumulative rail traffic volume of 6,423,284 carloads, containers and trailers, down 6%.

16. UP Recognizes Agreement Employees With Pandemic Bonuses

Union Pacific's (UP) agreement with employees who worked at least 30 days between March 1 and Nov. 30, 2020 are slated to receive a one-time \$1,000 bonus (gross) in December 2020. Pending union approval, all current agreement employees at UP—including those furloughed—will be eligible for the pandemic payment. (Work days do not need to be consecutive, the Class I railroad noted.) "The pivotal role these essential employees play delivering critical supplies and keeping the economy open cannot be emphasized enough," Chairman, President and CEO Lance Fritz said. "This recognition reflects how notable their efforts are and how much their great work is appreciated."

17. Q3 rail recap: The good and not so good

With the railroads' third-quarter earnings releases over and done, it's time to take a look at who the "winners" and "laggards" were in Q3. For commodities, the answer might be looking at North American rail volumes in the 2020 third quarter. Grain is one obvious "winner." U.S. grain volumes were up 27.8% in September and 25.5% in October 2020, according to the Association of American Railroads, while Canadian Pacific and CN reported record grain

movements over the last several months. Potash, which is used for fertilizer production, has also seen increased activity. Other winners have included intermodal, with volumes up year-over-year. Although trade uncertainties had put pressure on intermodal last year, e-commerce has helped to boost volumes as consumers have had to stay home because of the coronavirus, according to Jeff Windau, senior equity analyst for Edward Jones. Meanwhile, low oil prices and oversupply have challenged energy products and frac sand, while automotive volumes have a less clear trajectory because although auto sales have been rebounding tremendously, they aren't doing as well as they could be for some rails, Windau said.

18. CN Named one of Canada's Top 100 Employers

CN proudly announced on November 13, 2020 that it has once again been recognized as one of Canada's Top 100 Employers (2021) by Mediacorp Canada Inc. This award recognizes CN's commitment to provide exceptional employee programs and workplace policies. In particular, its commitment to supporting communities through its pioneering employee and pensioner-run Community Fund, which has raised more than \$18.5 million since 2010 for Canadian charities, was highly regarded. CN's focus on employee health through the Employee and Family Assistance Program and access to Telemedicine was also acknowledged. Dorothea Klein, Senior Vice-President and Chief Human Resources Officer at CN said "I am very proud and honoured that CN has, once again, been ranked as one of Canada's Top employers. This recognition belongs to every CN railroader who delivers excellent service safely and with great passion. I want to thank them for the important part they play in CN's continuing success."

19. DJSI Recognizes CN as Sustainability Lead

CN is pleased to announce that it has again earned a place on the Dow Jones Sustainability World Index (DJSI). This marks the ninth consecutive year that CN has been listed on the DJSI World Index and the 12th consecutive year that CN has been listed on the DJSI North America Index.

20. CP recognized for leadership in sustainability, named to 2020 Dow Jones Sustainability Index North America

Canadian Pacific Railway Limited is proud to announce that it has been added to the 2020 Dow Jones Sustainability Index (DJSI) North America. The index measures corporate sustainability leaders' performance through a comprehensive assessment of economic, environmental and social criteria. The top companies were selected this year from a record number of participants in the 2020 Corporate Sustainability Assessment.

21. CN Proud to Celebrate 25th Anniversary of its Privatization

Exactly 25 years ago today, the Government of Canada put CN shares up for sale to investors; at C\$2.25 billion, it was the biggest IPO in Canadian history. At the time, CN was the largest and oldest Crown Corporation in Canada. On November 17, 2020, CN is a world-class transportation leader and trade-enabler. To mark this important anniversary, JJ Ruest, CN's President and Chief Executive Officer, will ring the Opening Bell at the Toronto Stock Exchange and the Closing Bell at the New York Stock Exchange. - JJ Ruest, President and Chief Executive Officer of CN said "The privatization of CN was anticipated with widespread skepticism, but executed with startling success and today it is the source of enormous pride for our employees and all those involved over the years. It allowed CN to unleash the powerful creative and competitive forces of our railroaders. I want to thank everyone who contributed to this success as well as our employees for their dedication to safely moving the economy for our customers and for the communities where we operate. Twenty-five years after the IPO and with safety as our core value, our future is all about performance and customer service, generating long-term value for our shareholders. It's been an amazing 25 years and the journey continues."

22. CN IPO: 25 Years, C\$100B Market Cap—and Six Locomotives

JJ Ruest, CN CEO, is seen here with the locomotives representing the railroads welcomed in CN's ranks over the years "to propel its service farther than any other North American railway, similar to how the IPO propelled CN to new heights." Locomotives from left to right: BC Rail, Grand Trunk Western, CN, Illinois Central Railroad, the Wisconsin Central Railroad, and the Elgin, Joliet & Eastern Railway. Twenty-five years ago, Nov. 17, 1995, the Government of Canada put CN shares up for sale to investors. At C\$2.25 billion, it was the biggest IPO in Canadian history. "At the time, CN was the largest and oldest Crown Corporation in Canada," CN said in a statement marking the anniversary, which it also celebrated with six road locomotives painted in heritage schemes. "Today, CN is a world-class transportation leader and trade-enabler." To mark this anniversary, CN President and Chief Executive Officer JJ Ruest, Railway Age's 2019 Railroader of the Year, rang the Opening Bell at the Toronto Stock Exchange and will ring the Closing Bell at the New York Stock Exchange.

23. Intermodal Registers Double-Digit Gain: AAR

For the week ending Nov. 14, 2020, total U.S. weekly rail traffic was 527,462 carloads and intermodal units, up 5.2% compared with the same week last year, based on a double-digit intermodal gain, the Association of American Railroads (AAR) reported on Nov. 18, 2020. Total carloads were 232,146, down 3.1% compared with the same week in 2019, but U.S. weekly intermodal volume, at 295,316 containers and trailers, rose 12.9% compared to 2019. Canadian railroads reported 79,874 carloads for the week, down 3.9%, and 77,390 intermodal units, up 18.9% compared with the same

week in 2019. For the first 46 weeks of 2020, Canadian railroads reported cumulative rail traffic volume of 6,580,548 carloads, containers and trailers, down 5.7%.

24. CN will consider more layoffs if business slows

CN Rail may only have to consider another painful round of layoffs if Covid-19's second wave causes shipping volumes to drop dramatically again, its chief executive said on November 18, 2020. "If the economy slows down we might have to have layoffs," Jean-Jacques Ruest said a day after marking the 25th anniversary of the government's privatization of Canadian National.

25. US Class I railroads are almost fully interoperable

The U.S. operations of the Class I railroads are nearly fully interoperable, with 91.6% of the network reaching interoperability by the end of the 2020 third quarter, according to data from the Federal Railroad Administration (FRA). At the end of the second quarter, U.S. Class I rail operations were 79% interoperable. Interoperability is the final step toward becoming fully compliant with the federal positive train control (PTC) mandate. By Dec. 31, 2020, the U.S. operations of the Class I railroads, Amtrak and selected commuter and regional railroad lines must have PTC fully implemented and running on their networks.

26. Canadian Pacific gets early Christmas present from Maersk

Canadian Pacific (CP) will see the first vessel from vessel operator Maersk arriving into the Port of Vancouver in the first week of December 2020 instead of the original timeline of March 2021, a CP executive said on November 17, 2020. "We're going to get a nice little boost from that business coming on early, and we're quite excited by that," said CP Chief Financial Officer John Brooks at the Scotiabank Transportation and Industrials Conference. CP announced last month that it had secured a multiyear rail agreement with Maersk to move freight through the ports of Vancouver and Montreal. CP was initially scheduled to start moving Maersk's dry and refrigerated cargo at the Ports of Vancouver and Montreal on March 1, 2021.

27. CN Becomes Supporter of Task Force on Climate-related Financial Disclosures

CN is pleased to announce its support for the recommendations of the Task Force on Climate-related Financial Disclosures (TCFD). CN is the first North American railroad company to formally support the framework, which promotes more effective climate-related financial disclosures, joining more than 1,500 organizations globally. Putting words into action, CN is proud to release its first TCFD report. The report outlines the incorporation of climate change risks and opportunities in the management of CN's business and operations and our commitment towards a more sustainable future.

28. TCI Fund Management seeks climate action from CP and CN

CN and Canadian Pacific shareholder TCI Fund Management Ltd., has asked both railways to lay out climate action plans at their annual general meetings in 2021. TCI has a 2.93% stake in CN and is CP's largest shareholder with an 8.31% stake. TCI has an extensive environmental, social and governance (ESG) investment policy regarding climate change. In the proposal sent last week, Christopher Hohn, TCI founder and portfolio manager, asked that the railways establish climate action plans that detail each corporation's greenhouse gas (GHG) emissions and present actionable strategies to reduce those emissions. TCI proposed that each company hold a vote at their annual general meetings, where shareholders get a say on their climate plans.

29. Updated work/rest rules for railway operating employees

The science on fatigue has evolved considerably since the Work/Rest Rules for Railway Operating Employees were first put into place in 2002. Transport Canada introduced the requirement for fatigue management plans to the Work/Rest Rules for Railway Operating Employees in 2011.

30. Minister of Transport announces updates to Duty/Rest Rules for Railway Operating Employees

On November 25, 2020, the Minister of Transport, the Honourable Marc Garneau announced that the Duty/Rest Rules for Railway Operating Employees have been updated to better reflect the latest science on fatigue management and to keep Canadians working or living near railways safe. The new rules represent a historic improvement over the existing rules, such as placing new limits on the length of a duty period, and increasing the length of the minimum rest period between shifts. The new rules also establish limits on the total number of hours that can be worked in a week (60 hours in a seven-day period) as well as in a month (192 hours in a 28-day period).

31. Railway carloadings, September 2020

In September 2020, the total volume of freight carried by rail nearly reached its pre-COVID-19 level for the first time since March 2020. Canadian railways carried 31.0 million tonnes of freight during the month, down 1.2% compared with 31.3 million tonnes in September 2019. However, this small year-over-year decrease came after five consecutive months of double-digit declines, bringing the monthly tonnage close to its five year average for September. Freight traffic received from American railways decreased 19.1% from September 2019 to 3.0 million tonnes, the sixth consecutive month of year-over-year decline. Conversely, intermodal freight loadings in Canada were up 6.8% to 3.2 million tonnes, the highest level since October 2019.

32. CP building dual-coast deepwater port network

Canadian Pacific has made no secret of its ambition to claw some of the container line volume away from its larger rival Canadian National Railway, with new initiatives at Saint John and Vancouver aimed at just that.

33. AAR Week 47: Intermodal Continues to Drive Growth

Total U.S. rail traffic of 534,607 carloads and intermodal units for the week ending Nov. 21, 2020, kept pace with the same week last year, rising 2.5%, based on a double-digit intermodal gain, according to a Nov. 25, 2020 report from the Association of American Railroads (AAR). Total carloads were down 7.2% to 233,478, compared with the same week in 2019, while U.S. weekly intermodal volume was up 11.5% to 301,129 containers and trailers, compared with 2019.

The Canadian railroads reported 83,018 carloads for the week, up 18.3%, and 78,838 intermodal units, up 21% compared with the same week in 2019. For the first 47 weeks of 2020, they reported cumulative rail traffic volume of 6,742,404 carloads and intermodal containers and trailers, down 5.2%.

34. Crude by rail shipments bounce back from summer lows

Canadian exports of crude oil by rail are bouncing back after falling to an eight-year low in July 2020. The Canada Energy Regulator says rail shipments of oil in September 2020 amounted to 94,440 barrels per day, nearly double the 51,000 bpd shipped in August 2020. Only 39,000 bpd was shipped in July 2020. That's less than a tenth of the record 412,000 bpd moved by rail in February 2020.

HIGHWAY TRANSPORTATION

1. Urban public transit, August 2020

In August 2020, the country's bus, train and subway operators reported 56.1 million passenger trips, continuing the steady increase observed each month since the low of 24.9 million trips in April 2020. However, on a year-over-year basis, the number of transit passengers has remained much lower since the COVID-19 pandemic began, and August 2020 was no exception, with passenger trips down 61.6% from August 2019. With fewer riders, the operating revenues (excluding subsidies) of transit agencies were \$124.3 million in August, down 63.7% from the previous year.

2. Ontario SPIF Survey: State of the Industry for Phase 4 of Regulatory Reforms (Straight Trucks and Straight Trucks with Trailers)

The following letter was received by OTA from MTO regarding a survey looking to determine the state of SPIF vehicle availability, specifically with regards to straight trucks and straight trucks with trailers. MTO is asking industry members with Straight Trucks to take the survey to provide MTO a clear view of the situation. Your information will go direct to MTO and not through the OTA. Responses are due by November 6, 2020. *The Ministry of Transportation is seeking to better gauge the age of commercial vehicle fleets and the state of industry that will be impacted by the end of initial grandfathering through Phase 4 of the regulatory reforms toward O. Reg. 413/05, Vehicle Weights and Dimensions implemented on July 1st, 2011 toward Safe Productive Infrastructure Friendly (SPIF) vehicles. Specifically, we are interested in gauging the interest and expected level of in the demand for extended grandfather permits at the end of initial grandfathering, December 31, 2020. We want to hear from your membership, and are seeking your assistance to circulate the survey link below (Survey Monkey) for their voluntary participation.*

<https://www.surveymonkey.com/r/ZLRDQ38>

3. Pride Group orders Tesla trucks

Pride Group Enterprises (PGE) has reserved 150 Tesla Electric Semis. The company has made a deposit to secure the initial units, and has taken an option to increase the order to 500 trucks. It costs \$26,000 to reserve a unit, making Pride Group's initial investment approximately \$3.9 million. The trucks are available in two configurations, with either 475- or 800-kilometres range. According to Tesla's Canadian website, the prices are

HIGHWAY TRANSPORTATION

Canada

1. Urban public transit, August 2020, October 29, 2020, www.statcan.gc.ca
2. Ontario SPIF Survey: State of the Industry for Phase 4 of Regulatory Reforms (Straight Trucks and Straight Trucks with Trailers), November 2, 2020, www.ontruck.ca
3. Pride Group orders Tesla trucks, November 4, 2020, www.insidelogistics.ca
4. Transport Canada looking at mandating ADAS, Nov. 4, 2020, www.todaystrucking.com
5. Ride hailing, delivery giants win fight against California labour law, November 5, 2020, www.insidelogistics.ca
6. Teamsters ratify new UPS Canada contract, November 8, 2020, www.insidelogistics.ca
7. Six Canadian fleets win SmartWay Excellence Awards, Nov. 6, 2020, www.todaystrucking.com
8. Descartes buys ShipTrack, November 10, 2020, www.insidelogistics.com
9. The Ontario government officially opens the enhanced Cooksville GO Station, November 10, 2020, www.mto.gov.on.ca
10. Pilferages up, but industry takes note, November 12, 2020, www.todaystrucking.com
11. U.S. retailers and carriers bracing for shopping surge, November 12, 2020, www.insidelogistics.ca
12. Leading indicator of cross-border traveller volume, October 2020, November 12, 2020, www.statcan.gc.ca
13. Truck arrivals drop slightly, November 12, 2020, www.todaystrucking.com
14. Despite Rapid Changes, Driver Shortage Still Industry's Top Issue, November 13, 2020, www.ontruck.ca
15. UPS opens Caledon, Ontario, hub, November 16, 2020, www.insidelogistics.com
16. Multimodal Safety and Security Programs Oversight Delivery Indicators, Transport Canada, fourth quarter 2019, November 17, 2020, www.statcan.gc.ca
17. TorStar opens parcel delivery service,

\$190,000 and \$230,000 respectively.

4. Transport Canada looking at mandating ADAS

Transport Canada is consulting with the trucking industry on the use of advanced driver assistance systems (ADAS) and to determine whether such safety systems should be mandated on new heavy trucks. The Canadian Trucking Alliance (CTA) has submitted feedback after discussions with carriers, suppliers, and the Truck and Engine Manufacturers Association (EMA). “CTA believes that driver assist systems available for heavy-duty trucks (Class 8), combined with appropriate training, could be a significant factor in maintaining and improving safety performance,” said CTA’s Geoff Wood.

5. Ride hailing, delivery giants win fight against California labour law

App-based companies like Uber, Lyft and Doordash have dodged a potentially devastating blow to their industry by carving out an exemption from a California law that required them to classify their drivers as employees instead of contractors. They won an exemption from California law that required them to classify their drivers as employees instead of contractors

6. Teamsters ratify new UPS Canada contract

The Canada Council of Teamsters has ratified a new collective agreement with UPS Canada. This new five-year agreement covers more than 9,000 employees across the country. The provisions of the new five-year contract have an effective date retroactive to August 1, 2020 and will extend through July 31, 2025.

7. Six Canadian fleets win SmartWay Excellence Awards

Six Canadian fleets were recognized by the Environmental Protection Agency with SmartWay Excellence Awards. Canadian winners included: Bison Transport; C.A.T. Inc.; JED Express; Logistics Trans West; Midland Transport; and VTL Transport.

8. Descartes buys ShipTrack

Descartes Systems Group has acquired ShipTrack, a provider of e-commerce final-mile solutions. Headquartered in Plantagenet, Ontario, ShipTrack provides cloud-based mobile resource management and shipment tracking solutions. These apps automate dispatch, update shipment status and estimated time of arrival (ETA), and eliminate paper-based delivery processes. Descartes acquired ShipTrack for up-front cash consideration of \$25 million, plus potential performance-based consideration.

9. The Ontario government officially opens the enhanced Cooksville GO Station

The Ontario government officially opened the enhanced Cooksville GO Station on November 10, 2020, a key transit hub and a base to travel across Peel, Halton and Toronto that will provide customers with easier access to GO Transit, Mississauga’s MiWay Transit and the future Hurontario LRT. Transit infrastructure improvements for riders in Peel region are part of the province’s commitment to providing a fast, safe and reliable GO Transit service experience across the Greater Golden Horseshoe, connecting more people to jobs.

10. Pilferages up, but industry takes note

There has been a significant spike in pilferages this year, but the trucking industry is doing a better job in reporting events, analysts told the Cargo Theft and Transportation Summit on November 10, 2020. In the U.S. alone, the number of reported cases has gone up from 186 in 2014 to 418 in 2019, said Ralph Pepe, senior crime intelligence analyst at CargoNet. He said 399 cases have been reported so far this year. The company estimates that number will rise to 569 by the end of 2020, and 613 next year.

11. U.S. retailers and carriers bracing for shopping surge

Retailers and carriers are preparing for an online holiday shopping surge that could tax shipping networks and lead to delivery delays. FedEx and UPS are ramping up their holiday hiring while expanding their weekend operations and asking retailers to use their shipping network when there is more slack. And stores are pushing shoppers to buy early and are expanding services like curbside pickup to minimize the need for delivery.

12. Leading indicator of cross-border traveller volume, October 2020

The number of American residents and returning Canadians crossing the border from the United States by automobile remained low in October 2020 as restrictions on non-essential travel continued throughout the month. The 64,700 US travellers entering Canada by automobile through land ports with electronic sensors was down 93.5% compared with October 2019. Similarly, the 159,500 Canadians returning from the United States by automobile through these ports dropped 92.1% in October 2020 compared with the same month a year earlier.

November 17, 2020, www.insidelogistics.ca

18. Truck arrivals up 2.5% during Nov. 9-15,

November 17, 2020, www.todaystrucking.com

19. CTA Carriers Appeal to Shipper CEOs to Help Stamp Out Non-Compliant, Unsafe Operators, November 18, 2020, www.ontruck.ca

20. Statement by the Minister of Transport on the National Day of Remembrance for Road Crash Victims, November 18, 2020, www.tc.gc.ca

21. September 2020 North American Transborder Freight Up 3.2% from August 2020, October 20, 2020, www.bts.gov

22. Gatik drives into Canada, closes \$25 Million Series A, November 23, 2020, www.americanshipper.com

23. Loblaw trying autonomous delivery trucks, November 24, 2020, www.insidelogistics.ca

24. Operational costs of trucking fell in 2019, November 24, 2020, www.todaystrucking.com

25. Truck arrivals drop 1.8%, November 26, 2020, www.todaystrucking.com

26. FedEx, UPS can’t get enough vans to keep up with delivery rush, November 25, 2020, www.ajot.com

13. Truck arrivals drop slightly

There was a marginal decrease in the number of truck drivers entering the country during the week of Nov. 2-8, 2020, the Canada Border Services Agency said on November 12, 2020. It said 113,205 truckers arrived during that week, down from 113,767 in the comparable period last year. On Nov. 8, 2020 alone, 5,394 truck drivers entered Canada, up from 5,360 on the comparable date — Nov. 10, 2019, the agency said.

14. Despite Rapid Changes, Driver Shortage Still Industry's Top Issue

The more things change, the more they stay the same – in trucking, at least. Despite the unrelenting pace of unforeseeable events in 2020, carriers believe a very familiar challenge is still the top headwind they face – the shortage of professional truck drivers. In its latest Top Industry Issues survey, the American Transportation Research Institute (ATRI) reported that the driver shortage remains the top issue for carriers. “For the fourth year in a row, the driver shortage was the top industry issue overall, as well as topping the motor carrier list of concerns, highlighting the challenges fleets face in recruiting new talent and keeping their current drivers,” ATRI said. “In fact, driver retention was carriers’ No. 2 issue, and sixth on the combined list.”

15. UPS opens Caledon, Ontario, hub

The 850,000 square-foot centre announced in 2018 in Caledon, Ontario is now fully operational. “It’s like watching a child taking its first steps,” are the words that come to mind when Gordon Reed is asked how he feels about seeing UPS Canada’s largest package sorting and delivery facility up and running. As the director for special projects in UPS’s industrial engineering department, Gordon has spent a lot of work and long hours getting the massive, 850,000 square foot facility in Caledon, Ontario online. “This project is close to my heart and our whole team is so proud that we could get this facility operational in time when it is most needed.”

16. Multimodal Safety and Security Programs Oversight Delivery Indicators, Transport Canada, fourth quarter 2019

Multimodal Safety and Security Programs Oversight Delivery Indicators are now available for the fourth quarter of the 2019/2020 federal government fiscal year on the statcan website.

17. TorStar opens parcel delivery service

Torstar Corporation, publisher of the Toronto Star and numerous community newspapers, has launched a parcel delivery service for Ontario retailers. Metroland Parcel Services began operations by delivering parcels on behalf of Toys”R”Us Canada. Torstar companies have delivered newspapers and flyers to most neighbourhoods in Ontario every week for more than 100 years. Metroland utilizes its contracted driver network to provide both next-day and standard two-to-three-day delivery.

18. Truck arrivals up 2.5% during Nov. 9-15

There was a 2.5% rise in the number of truck drivers entering Canada during the week of Nov. 9-15, the Canada Border Services Agency said late November 17, 2020. It said 113,573 truckers arrived during that week, up from 110,767 in the comparable period last year. On Nov. 15 alone, 5,330 truck drivers entered Canada, down from 5,715 on the comparable date — Nov. 17, 2019, the agency said.

19. CTA Carriers Appeal to Shipper CEOs to Help Stamp Out Non-Compliant, Unsafe Operators

The Canadian Trucking Alliance is imploring the heads of the shippers and receivers of the supply chain to keep in mind the ‘cost of compliance’ when choosing transportation providers and ensure their freight carriers aren’t cheating on taxes, cutting corners on safety and polluting the environment. “The cost of transportation services includes the cost of compliance. This includes labour, tax, safety and environmental costs. Remove these compliance costs from the price of transportation, and you have a lower transportation cost figure. This is not rocket science,” said CTA president Stephen Laskowski.

20. Statement by the Minister of Transport on the National Day of Remembrance for Road Crash Victims

“On this National Day of Remembrance for Road Crash Victims, I [Minister of Transport] encourage all Canadians to take time to remember victims of road collisions and their families. “Over the past two decades, road fatalities have declined 34 per cent and serious injuries 42 per cent. While Canadians should be encouraged that these rates are going down, any fatality and injury is unacceptable, and we must do more to reduce these numbers further. “Road safety in Canada is improving thanks to new and improved safety regulations, collision prevention technology, police enforcement, and – importantly – better driving behaviour. “As Minister of Transport, road safety remains one of my top priorities and I am constantly looking at ways to improve it.”

21. September 2020 North American Transborder Freight Up 3.2% from August 2020

The highlights of transborder freight between the U.S. and other North American countries (Canada and Mexico) in September 2020 was: 1) Total Transborder freight: \$96.4 billion of transborder freight moved by all modes of transportation, up 3.2% compared to August 2020 and up 6.0% from July 2020. 2) Transborder freight value in September 2020 was down 4.9% compared to September 2019. 3) Most-used mode: Trucks moved \$63.5 billion of freight, up 4.3% compared to August 2020, down 0.8% compared to September 2019. 4) Second most-used mode:

Railways moved \$13.8 billion of freight, down 0.3% compared to August 2020, down 6.9% compared to September 2019. Total Transborder Freight by Mode between U.S.-Canada (both directions) was: Truck: \$28.4b; Rail: \$7.5b; Pipeline: \$4.1b; Air: \$2.7b; and Vessel: \$1.9b.

22. Gatik drives into Canada, closes \$25 Million Series A

Gatik, a Palo Alto, California-based autonomous delivery technology company, announced on Monday, November 23, 2020 that it has closed \$25 million in Series A funding. The round was co-led by Wittington Ventures and Innovation Endeavors, with participation from FM Capital and Intact Ventures and existing investors including Dynamo, Fontinalis Partners and AngelPad. Additionally, Gatik announced a multiyear partnership with Loblaw Cos. (TSX: L, “Loblaw”), one of Canada’s largest grocers, to deploy a fleet of autonomous delivery vehicles in Toronto. The vehicles will deliver items from the supermarket’s automated picking facility to retail stores across the metro area.

23. Loblaw trying autonomous delivery trucks

Canada’s largest grocer is set to become the first company in the country to deploy self-driving delivery vehicles. Loblaw will roll out the autonomous fleet in January. It is being done in partnership with the California-based autonomous vehicle startup Gatik AI, which focuses on business-to-business short-haul deliveries using light- to medium-duty trucks.

24. Operational costs of trucking fell in 2019

There was a significant decrease in the operational costs of trucking last year, the American Transportation Research Institute (ATRI) said on November 24, 2020. “The average marginal cost per mile incurred by motor carriers in 2019 decreased 9.3% to US\$1.65,” ATRI said in its 2020 update to *An Analysis of the Operational Costs of Trucking*. “The line-item costs for almost every major line item experienced some level of decrease. In comparison to the last freight softening, which took place in 2016, marginal costs were still 6 cents higher, indicating the persistence of generally higher costs,” the research organization said.

25. Truck arrivals drop 1.8%

The number of truck drivers entering Canada dropped 1.8% to 117,630 during the week of Nov. 16-22 from 119,740 in the comparable period last year, the Canada Border Services Agency said late November 25, 2020. On Nov. 22 alone, 5,942 drivers arrived, down from 6,558 on the comparable date — Nov. 24, 2019, the agency said. That is a drop of more than 9%, it said.

26. FedEx, UPS can’t get enough vans to keep up with delivery rush

FedEx Corp. and United Parcel Service Inc. are running into a shortage of delivery vans, prompting a surprise cost squeeze that’s cutting into profits during a record surge in package volumes. Urged by the couriers to purchase any vans they can scrounge up, leasing companies are dipping into the used market. Added demand in the rental market “is creating shortages,” a UPS spokesman said by email. FedEx is even paying a stipend to its contractors to offset the extra cost of renting. “If there’s a cargo van out there, we’re trying to buy it,” said Brendan Keegan, chief executive officer of Merchants Fleet, which provides vehicles to package delivery companies. It expects to have 15,000 vans out for lease at year-end, up from 6,000 a year earlier.

GENERAL TRANSPORTATION

Canada

1. Amazon to continue pouring billions into transport network, CFO says

Amazon.com Inc. on October 29, 2020 posted strong third-quarter results, with net revenue of \$96.1 billion exceeding the high end of its estimates, and net income of \$12.37 a share exceeding analysts’ median estimates by more than \$5 a share. The Seattle-based giant also said that transportation costs accounted for more than half of its \$30 billion in capital expenditures for the first nine months. Brian Olsavsky, Amazon’s CFO, said transportation network investments will consume at least half of the company’s capital spending over a multiyear period. Olsavsky sidestepped an analyst’s question about the impact of scarce parcel-delivery supply on the company’s peak-season performance, saying that everyone will be running tight but that the company feels it’s ready for what is expected to be an unprecedented onslaught of traffic.

2. Road Deaths Down Sharply During Lockdown

GENERAL TRANSPORTATION

Canada

1. Amazon to continue pouring billions into transport network, CFO says, October 29, 2020, www.americanshipper.com
2. Road Deaths Down Sharply During Lockdown, October 28, 2020, www.itf.org
3. U.S. Department of Transportation Announces \$8.45 Million Loan for Operations and Maintenance Facility Project in King City, California, October 29, 2020, www.dot.gov
4. Tourism Human Resource Module, 2019, October 30, 2020, www.statcan.gc.ca
5. Transport Canada’s dangerous goods registry outdated, October 30, 2020, www.freightwaves.com
6. TC Poll: Vehicle Cyber Security Strategy, October 30, 2020, www.ontruck.ca
7. How the CTA is adapting to unprecedented and challenging times, October 10, 2020, www.cta-otc.gc.ca
8. Vaccine ready - Prepping supply chains for a

The number of road deaths fell by a third during lockdowns this spring (2020) but traffic was down by a half, according to indicative figures published by the International Transport Forum in its Road Safety Annual Report 2020. Reductions in traffic fatalities of 80% were recorded in three countries, and five countries saw crash fatalities fall by more than 50% in a comparison of April 2020 data with April 2019 for 20 countries. The strongest drops occurred in New Zealand (-80%), Italy (-79%) and South Africa (-78%). These were also among the countries with the severest lockdowns in place. Eleven of the 20 countries included in the overview saw a reduction of 24% or more. Only four countries registered no or only negligible reductions: Germany, the Netherlands, Sweden and Denmark.

3. U.S. Department of Transportation Announces \$8.45 Million Loan for Operations and Maintenance Facility Project in King City, California

U.S. Transportation Secretary Elaine L. Chao October 29, 2020 announced that the U.S. Department of Transportation's Build America Bureau (the Bureau) has provided a \$8.45 million loan to the Monterey-Salinas Transit District (MST) in Monterey County, California. This is the second loan under the Transportation Infrastructure Finance and Innovation Act (TIFIA) Rural Project Initiative (RPI) initiated and launched by Secretary Chao.

5. Transport Canada's dangerous goods registry outdated

Transport Canada isn't always following up when it finds safety violations in the movement of dangerous goods and still doesn't have the full picture of the companies and locations it is supposed to be monitoring, Canada's interim environment commissioner said on October 27, 2020. Andrew Hayes's fall environment audits included an update on Transport Canada's progress to improve safety on dangerous-goods transport, since a 2011 audit identified a number of shortcomings.

6. TC Poll: Vehicle Cyber Security Strategy Transport Canada (TC) has partnered with the U.S. Department of Transportation's Volpe Center to develop Transport Canada's Vehicle Cyber Security Strategy, which will set forward-looking vehicle cyber security priorities for Transport Canada over the next five years (2021-2026). While the Vehicle Cyber Strategy will primarily focus on automotive cyber security, high-level considerations for road infrastructure will also be considered given the nexus between the two. As such, Transport Canada has asked CTA to share the survey below with its membership.

7. How the CTA is adapting to unprecedented and challenging times

The Canadian Transportation Agency's (CTA's) 300 dedicated public servants have been working from home since mid-March 2020 to deliver results for Canadians. Despite the sudden and sustained shift to remote work, all of the CTA's services have been maintained, thanks to the team's professionalism.

8. Vaccine ready - Prepping supply chains for a coronavirus vaccine

As scientists and researchers work feverishly to develop a vaccine that will work against the virus causing the Covid-19 pandemic, in the background supply chain teams across the pharmaceutical industry and its transport suppliers are working just as fast to ensure those critical medical supplies will be distributed quickly. By all accounts it's going to be a herculean task. Of the approximately 250 different vaccines being developed around the world, the frontrunners are being designed with differing requirements for temperature control and handling.

9. Canada's trade deficit stays elevated on import rebound

Canada's trade gap was little changed in September 2020 at elevated levels as imports have rebounded more quickly than exports since the onset of the pandemic. The deficit was C\$3.25 billion (\$2.47 billion), from a revised C\$3.21 billion in August 2020, Statistics Canada reported on November 4, 2020 in Ottawa. Economists had forecast a deficit of C\$2.35 billion, the median of 14 estimates in a Bloomberg survey. Both exports and imports rose 1.5% in September 2020, but since the pandemic started, Canada has brought in more goods and services than it has shipped out. Imports are at 98% of pre-pandemic levels, versus 94% for exports. Machinery and equipment imports rose 6.7% in September 2020. Combined, exports and imports have increased 37% since falling to a decade-low in April 2020, leaving them at 96% of pre-pandemic levels. The gain in exports was led by forestry products, up 10% in September 2020 and 16% from February 2020, the agency said. Aircraft exports climbed 13% in the month.

coronavirus vaccine, October 30, 2020, www.ctl.ca

9. Canada's trade deficit stays elevated on import rebound, November 4, 2020, www.ajot.com

10. Agency releases its 2019-2020 Annual Report, November 4, 2020, www.tc.gc.ca

11. CME urges feds to strengthen ties with Biden administration, November 9, 2020, www.insidelogistics.ca

12. Pandemic 'scars' may have long effect on economy, November 13, 2020, www.ctl.ca

13. September 2020 Freight Transportation Services Index (TSI) rose 0.8% from August, November 12, 2020, www.bts.gov

14. Asia Pacific nations sign the world's biggest trade deal, encompassing almost third of global GDP, November 15, 2020, www.financialpost.ca

15. A \$100B opportunity: Alberta could emerge as Canada's first hydrogen energy hub, report says, November 16, 2020, www.financialpost.ca

16. Alberta's transportation minister highlights the importance of being flexible and nimble as we tackle the covid-19 pandemic, November 18, 2020, www.westac.ca

17. Canada, Britain ink new trade deal, November 23, 2020, www.insidelogistics.ca

18. Freight's carbon footprint soaring, November 23, 2020, www.todaystrucking.com

19. Travel between Canada and other countries, September 2020, November 23, 2020, www.statcan.gc.ca

20. Canadians buying online in record numbers, November 23, 2020, www.insidelogistics.ca

21. CTA Releases "What We Heard" report on Phase II of its Accessible Transportation for Persons with Disabilities Regulations, November 26, 2020, www.cta-otc.gc.ca

10. Agency releases its 2019-2020 Annual Report

The Canadian Transportation Agency released its 2019-2020 Annual Report on November 4, 2020. The report summarizes activities on each of the Agency's three core mandate areas: 1. To help ensure that the national transportation system runs efficiently and smoothly in the interests of all Canadians; including those who work and invest in it; the producers, shippers, travellers and businesses who rely on it; and the communities where it operates. 2. To protect the human right of persons with disabilities to an accessible transportation network. 3. To provide consumer protection for air passengers.

11. CME urges feds to strengthen ties with Biden administration

With Joe Biden winning the US presidential election, Canadian Manufacturers & Exporters (CME) issued a statement highlighting the importance of the role the Canadian federal government can play in defending Canadian manufacturers' interests. "Canada has the opportunity to renew and strengthen diplomatic ties with the US, which will serve to help both economies grow together," CEM said in a statement.

12. Pandemic 'scars' may have long effect on economy

The second-in-command at the Bank of Canada is warning that economic "scars" from the Covid-19 pandemic could become permanent without concerted effort from all Canadians. The pandemic remains an important day-to-day concern for governments and policy-makers, but more discussion and preparation for the post-pandemic recovery needs to take place, said senior deputy governor Carolyn Wilkins, who is due to step down as of Dec. 9, 2020.

13. September 2020 Freight Transportation Services Index (TSI) rose 0.8% from August

The Freight Transportation Services Index (TSI), which is based on the amount of freight carried by the for-hire transportation industry, rose 0.8% in September 2020 from August 2020, rising after a one-month decline, according to the U.S. Department of Transportation's Bureau of Transportation Statistics' (BTS). From September 2019 to September 2020, the index fell 3.9% compared to a decline of 0.1% from September 2018 to September 2019 and a rise of 7.2% from September 2017 to September 2018.

14. Asia Pacific nations sign the world's biggest trade deal, encompassing almost third of global GDP

Asia Pacific nations including China, Japan and South Korea on November 15, 2020 signed the world's largest regional free-trade agreement, encompassing nearly a third of the world's population and gross domestic product. Top officials from 15 nations that also include Australia, New Zealand and the 10 members of the Association of Southeast Asian Nations inked the Regional Comprehensive Economic Partnership, or RCEP — nearly a decade in the making — on the final day of the 37th Asean Summit hosted virtually by Vietnam. Supporters of the trade pact, which covers 2.2 billion people with a combined GDP of \$26.2 trillion, say it will bolster pandemic-weakened economies

15. A \$100B opportunity: Alberta could emerge as Canada's first hydrogen energy hub, report says

Alberta's hydrocarbon-based economy could be re-tooled to capture a \$100-billion-per-year market in hydrogen-based energy and diversify the provincial government's revenues away from oil and gas, according to a new report. The report stated that the region's low cost for natural gas, technical expertise and ability to rapidly scale up blue hydrogen production makes it possible to decarbonize industry and create new fuel markets with 90 per cent lower GHG emissions. An industrial corridor known as Alberta's Industrial Heartland north of Edmonton has the potential to be Canada's first hydrogen production hub as Canada "is strategically positioned to benefit from taking a leadership role in the transition to a net-zero hydrogen economy," according to a report released on November 16, 2020 by University of Calgary researchers and the Transition Accelerator, a think-tank funded by multiple family foundations and governments, including the Alberta government.

16. Alberta's transportation minister highlights the importance of being flexible and nimble as we tackle the covid-19 pandemic

The Honourable Ric McIver, Minister of Transportation, Government of Alberta, opened WESTAC's Fall Member Forum last month with a reminder for the industry to be flexible and nimble as we deal with challenging circumstances resulting from the COVID-19 pandemic. "COVID-19 highlighted in stark terms just how interdependent the world is when it comes to supply chains. It also highlights the need for positive and collaborative relationships between all levels of government, shippers and carriers to ensure that goods and supplies are getting to consumers," he said. "The transportation industry, whether rail, air or ground transportation, is very interconnected. We need to make sure our transportation systems support each other – by building trade corridors to connect ground transportation to airports and intermodal facilities."

17. Canada, Britain ink new trade deal

Canada and Britain struck a new trade deal on Saturday, allowing the long-standing partners to trumpet a commercial triumph in the face of the economic devastation wrought by the Covid-19 pandemic.

18. Freight's carbon footprint soaring

Freight is one of the next frontiers for climate action because it accounts for an increasing share of the transportation sector's greenhouse gas (GHG) emissions in Canada, the environmental think-tank Pembina Institute warned November

20, 2020. “In fact, at its current rate, it is expected that GHG emissions from freight will surpass those of passenger vehicles by 2030,” said Maddy Ewing, a transportation and urban solutions analyst at the institute.

19. Travel between Canada and other countries, September 2020

Restrictions on non-essential travel into Canada remained throughout September 2020 as well as the mandatory 14-day quarantine period for Canadians returning from abroad. With these measures in place across all ports of entry, travel to Canada from both the United States and from overseas countries was down 95.3% compared with September 2019. Similarly, the number of Canadian residents returning from abroad declined 92.8% from September 2019.

20. Canadians buying online in record numbers

Statistics Canada says that 2020 is on pace to beat 2019's total e-commerce sales of \$305 billion. Online sales are set to hit a record this year in Canada, Statistics Canada said on November 23, 2020, amid limits on in-person shopping during the COVID-19 pandemic. The new data is in line with Statistics Canada's estimates from the spring, when retail e-commerce sales more than doubled from February to May 2020. Online shopping fell this summer from its high of \$4 billion in May 2020 as more stores opened to in-person shopping.

21. CTA Releases “What We Heard” report on Phase II of its Accessible Transportation for Persons with Disabilities Regulations

The Canadian Transportation Agency (CTA) on November 26, 2020 released its “What We Heard” report, summarizing the input received during its consultations on Phase II of its Accessible Transportation for Persons with Disabilities Regulations (ATPDR). On June 25, 2020, the CTA's new ATPDR came into force. They establish modern legally binding requirements for accessible services, technical standards for equipment, communications, training, and security and border screening. Building on these new regulations, the CTA launched public consultations on a second phase of the ATPDR, relating to requirements for small transportation service providers (TSPs), One Person, One Fare (1P1F) for international travel, emotional support animals (ESAs) and planning and reporting frameworks for TSPs under the Accessible Canada Act (ACA). The CTA received 108 written submissions, including 67 from the public, 16 from the community of persons with disabilities, 21 from TSPs and four from government entities. The CTA also held a meeting with its Accessibility Advisory Committee (AAC) and had nine bilateral discussions with community representatives and TSPs. All written feedback received is available on the CTA website.