

Canadian Response to the Outbreak of COVID-19

LOCATION: National

DATE: February 26, 2020

SUGGESTED RESPONSES

- **The safety and security of the travelling public and the transportation system are Transport Canada's top priorities.**
- **As a supporting department, Transport Canada is working closely with the Public Health Agency of Canada, Health Canada, the Canada Border Services Agency and others to coordinate efforts to mitigate the risks associated with COVID-19.**
- **For example, Transport Canada has helped to ensure that inbound passengers get health-related information to support PHAC and CBSA health screening upon arrival.**
- **In addition, while cruise ship season is still over a month away, we are working with key partners to fully prepare for a cruise ship in Canadian waters with passengers or crew diagnosed with COVID-19.**

BACKGROUND INFORMATION

Health Situation

- As of February 24, 2020, there were 79,407 confirmed cases and 2,622 deaths globally, with approximately 98 percent of cases occurring in China. Cases of the virus have now been confirmed in over 30 countries, including Canada. Clusters of cases have been appearing in Korea (833), Japan (144), and Italy (124), among other countries
- There have been 11 confirmed cases in Canada, including 4 who have since recovered. This number does not include the 48 Canadians who were on board the Diamond Princess cruise ship in Yokohama, Japan and tested positive.
- On January 29, 2020 Global Affairs Canada issued a Government of Canada Travel Advisory to “avoid non-essential travel” to China and to “avoid all travel” to the province of Hubei, including the cities of Wuhan, Huanggang and Ezhou, in order to limit the spread of a novel coronavirus.
- In light of the increased spread of the illness, the Public Health Agency of Canada has issued travel health notices for South Korea, Iran, Northern Italy, Hong Kong and Singapore. At this time, the Government of Canada is not recommending cancelling or postponing travel to these regions, but does recommend precautions against respiratory illness.
- The World Health Organization (WHO) announced on February 24 that it was encouraged by the decline in new cases in China, but called the sudden increase of cases in Italy, Iran and South Korea “deeply concerning.” The WHO stated COVID-19 is not yet a pandemic and urged the international community to “focus on containment, while doing everything we can to prepare for a potential pandemic.”

Civil Aviation

- Enhanced screening measures have been put in place at Canadian airports where direct or connecting flights from China arrive. These measures include additional health screening questions, messaging on arrivals screens, and at some airports, the presence of screening officers to help assess the requirement for assessment of travellers by a Quarantine Officer.
- Transport Canada collaborated with PHAC to provide domestic and international air carriers with flights from China an in-flight message to be delivered to passengers when landing in Canada. The message advises that travelers must provide information about their travel history and their current health status. In addition, airlines were provided enhanced guidance on cleaning aircraft for infectious diseases.
- On February 24th, 3 flights arrived directly from mainland China, for a total number of passengers of 481, down from the 931 (6 flights) recorded the day before. This continues to be lower than the daily average recorded between

Jan. 24-30th, prior to Air Canada's flight cancellations from mainland China (average of 3,043 passengers).

- Over the past 7 days (Feb 18-Feb 24), the number of passengers arriving from mainland China continues to decline (daily changes in arrival numbers are due to daily flight fluctuations). There has been an average of 738 passengers per day arriving from mainland China in Canada, compared to the 1,290 average during Feb 11-Feb 17.
- The number of flights to Canada from mainland China scheduled for Feb 25-Mar 2 is expected to increase to 33 flights (from 30 flights in the previous 7-day period). The number of scheduled seats is also expected to increase over the next 7 days (Feb 25-Mar 02) by 863 from 7,955 to 8,818.
- There are no direct flights from Iran or Singapore to Canada. Nonetheless, in 2019, there were respectively about 130,000 and 65,000 passengers from Iran and Singapore which travelled to Canada connecting through other countries.
- In the first week of March (Mar 3-9) Canada is expecting around 2,000 passengers from Italy (1 flight per day). There are currently no flight cancellations from Italy.

Marine

- Transport Canada is leading efforts to put in place enhanced prevention and response measures to respond to the risk of a vessel with passengers or crew being diagnosed with COVID-19. For example: mandatory health screening of passengers prior to boarding, minimum time at sea (e.g. 14 days) for cargo vessels, and quarantine of the vessel if passenger or crew are diagnosed with COVID-19.
- Cruise Ship season is from April to October in Canada
- Preliminary 2019 data shows that:
 - 146 cruise ships entered Canadian waters of which approximately 70% (101) had operated in the United States before entering Canadian waters.
 - On the west coast, of the 88 cruise ships which entered Canadian waters, last ports of call were United States (82), Mexico (2), Japan (2), Panama (1), and the Russian Federation (1).
 - On the east coast 58 cruise ships entered Canadian waters with last ports of call in: United States (19), Greenland (18), Iceland (7), United Kingdom (6), Ireland (4), Bahamas (1), France (1), Norway (1), and Portugal (1).
- Transit times from China to BC range from 14 – 30 days. In 2019 of 542 cargo vessels, 21% of vessels made the transit in less than 15 days and 79% of vessels made the transit in more than 15 days.

- Cruise Line International Association (CLIA) and its member lines (including those that operated in Canada in 2019) have implemented enhanced screening measures:
 - Deny boarding to all persons who have traveled from, visited or transited via airports in China, including Hong Kong and Macau, within 14 days before embarkation.
 - Deny boarding to all persons who, within 14 days before embarkation, have had close contact with, or helped care for, anyone suspected or diagnosed as having Coronavirus, or who is currently subject to health monitoring for possible exposure to Novel Coronavirus.
 - Conduct preboarding screening necessary to effectuate these prevention measures. Enhanced screening and initial medical support are to be provided, as needed, to any persons exhibiting symptoms of suspected Novel

Assisted Returns

- The Government of Canada has organized 3 assisted departures from areas affected by the outbreak. The Canadians evacuated from Wuhan, China have been released from quarantine, after two weeks in isolation in CFB Trenton. In addition, 129 PAX from the Diamond Princess cruise ship have been evacuated and are now in quarantine in Cornwall, Ontario. Others who travelled on the Diamond Princess but declined the offer of repatriation are also subject to mandatory 14-day quarantine upon arrival in Canada.

Réponse du Canada à l'écllosion du COVID-19

LIEU : National

DATE : 26 février 2020

RÉPONSES SUGGÉRÉES

- **La sécurité et la sûreté des voyageurs et du réseau de transport sont au sommet des priorités de Transports Canada.**
- **Transports Canada, dans son rôle de ministère d'appui, travaille en étroite collaboration avec l'Agence de la santé publique du Canada, Santé Canada, l'Agence des services frontaliers du Canada ainsi que d'autres intervenants afin de coordonner les efforts visant à atténuer les risques associés au COVID-19.**
- **Par exemple, Transports Canada a participé à la distribution de renseignements sur la santé aux passagers voyageant à destination du Canada afin d'aider l'Agence de la santé publique et l'Agence des services frontaliers à mettre en œuvre ses mesures de dépistage à l'arrivée des passagers.**
- **De plus, même si la saison des croisières ne commence pas avant plus d'un mois, nous travaillons en collaboration avec nos partenaires afin d'être bien préparés si un bateau de croisière transportant des passagers ou des membres d'équipage infectés par le COVID-19 devait circuler dans les eaux canadiennes.**

INFORMATION GÉNÉRALE

Situation sanitaire

- Au 24 février 2020, on comptait 79 407 cas confirmés et 2 622 décès dans le monde, dont environ 98 % en Chine. Des cas d'infection par ce virus ont été confirmés dans plus de 30 pays, y compris au Canada. Des regroupements de cas ont été signalés en Corée (833), au Japon (144) et en Italie (124), entre autres.
- Au Canada, 11 cas ont été confirmés, dont 4 se sont rétablis depuis. Ce chiffre n'inclut pas les 48 Canadiens qui se trouvaient à bord du navire de croisière Diamond Princess à Yokohama (Japon) et qui ont obtenu un résultat positif au test de dépistage.
- Le 29 janvier 2020, Affaires mondiales Canada a publié un avis aux voyageurs de la part du gouvernement du Canada recommandant « d'éviter les voyages non essentiels » en Chine et « d'éviter tous les voyages » dans la province de Hubei, y compris les villes de Wuhan, Huanggang et Ezhou, afin de limiter la propagation du nouveau coronavirus.
- En raison de la propagation accrue de la maladie, l'Agence de la santé publique du Canada a publié des conseils de santé aux voyageurs pour la Corée du Sud, l'Iran, l'Italie du Nord, Hong Kong et Singapour. Pour l'instant, le gouvernement du Canada ne recommande pas d'annuler ni de reporter les voyages dans ces régions, mais il recommande de prendre des précautions contre les maladies respiratoires.

- L'Organisation mondiale de la santé (OMS) a annoncé le 24 février qu'elle était encouragée par le déclin des nouveaux cas en Chine, mais qu'elle trouvait l'augmentation soudaine des cas en Italie, en Iran et en Corée du Sud « très préoccupante ». L'OMS a déclaré que la maladie COVID-19 n'est pas encore une pandémie et a exhorté la communauté internationale à « se concentrer sur le confinement, tout en faisant tout ce qui est en son pouvoir pour se préparer en vue d'une pandémie potentielle ».

Aviation civile

- Des mesures de dépistage rigoureuses ont été mises en place dans les aéroports canadiens où arrivent les vols directs ou avec correspondances provenant de la Chine. Ces mesures incluent des questions de contrôle sanitaire supplémentaires, des messages affichés sur les tableaux d'arrivée et, dans certains aéroports la présence d'agents de dépistage chargés de déterminer si un agent de quarantaine devrait évaluer les voyageurs.
- Transports Canada (TC) a collaboré avec l'ASPC afin de préparer un message que les transporteurs aériens nationaux et internationaux qui desservent la Chine doivent transmettre aux passagers au moment d'atterrir au Canada. Le message avise les voyageurs du fait qu'ils doivent donner des informations sur leurs antécédents de voyage et leur état de santé actuel. De plus, des directives plus précises ont été données aux compagnies aériennes quant à la façon de nettoyer un aéronef pour éviter toute contamination de maladies infectieuses.
- Le 24 février, 3 vols sont arrivés directement de la Chine continentale transportant un total de 481 passagers, une baisse par rapport à la journée précédente où 6 vols avaient atterri avec 931 passagers. Ce nombre demeure inférieur à la moyenne quotidienne enregistrée entre le 24 et le 30 janvier, soit avant l'annulation des vols d'Air Canada en provenance de la Chine continentale (une moyenne de 3 043 passagers).
- Au cours des 7 derniers jours (du 18 au 25 février), le nombre de passagers arrivant de la Chine continentale a continué à baisser (les variations du nombre d'arrivées quotidiennes sont dues à la fluctuation du nombre de vols quotidiens). En moyenne, 738 passagers provenant de la Chine continentale arrivaient chaque jour au Canada, alors que pendant la période du 11 au 17 février cette moyenne était de 1 290 passagers.
- Le nombre de vols en provenance de la Chine continentale et à destination du Canada prévus pour la semaine du 25 février au 2 mars devrait passer à 33 vols (ce nombre était de 30 vols pendant la semaine précédente). On anticipe également une augmentation de 863 des sièges prévus au cours des 7 prochains jours (du 25 février au 2 mars) qui devraient passer de 7 955 à 8 818 sièges.

- Il n’y a pas de vol direct entre le Canada et l’Iran ou Singapour. Toutefois, en 2019, 130 000 passagers provenant d’Iran et 65 000 provenant de Singapour se sont rendus au Canada sur des vols avec correspondances dans d’autres pays.
- Pendant la première semaine de mars (du 3 au 9 mars), près de 2 000 passagers provenant d’Italie (un vol par jour) devraient arriver au Canada. Il n’y a eu aucune annulation de vol en provenance d’Italie.

Marine

- Transports Canada dirige les efforts visant la mise en place de mesures plus efficaces pour la prévention et l’intervention au cas où les passagers ou l’équipage d’un navire seraient diagnostiqués comme étant atteints du COVID-19. Par exemple : un examen de l’état de santé obligatoire des passagers avant l’embarquement, une durée minimum du temps passé en mer (p. ex., 14 jours) pour les bâtiments de charges et la mise en quarantaine du bâtiment si un passager ou un membre d’équipage est diagnostiqué comme étant atteint du COVID-19.
- Au Canada, la saison des croisières est d’avril à octobre.
- Selon les données préliminaires de 2019 :
 - 146 navires de croisières sont entrés dans les eaux canadiennes parmi lesquels environ 70 % (soit 101) sont d’abord passés par les États-Unis.
 - Les derniers ports d’escale des 88 navires de croisières qui sont entrés dans les eaux canadiennes de la côte ouest étaient aux États-Unis (82), au Mexique (2), au Japon (2), à Panama (1) et de la Fédération de Russie (1).
 - Les derniers ports d’escale des 58 navires de croisière qui sont entrés dans les eaux canadiennes de la côte est étaient aux États-Unis (19), au Groenland (18), en Islande (7), au Royaume-Uni (6), en Irlande (4), aux Bahamas (1), en France (1), en Norvège (1) et au Portugal (1).
- Le temps de transit entre la Chine et la Colombie-Britannique varie entre 14 et 30 jours. En 2019, sur 542 navires de charge, 21 % des navires ont effectué le transit en moins de 15 jours et 79 %, en plus de 15 jours.
- La Cruise Line International Association (CLIA) et ses membres croisiéristes (y compris ceux qui menaient des activités au Canada en 2019) ont mis en œuvre de meilleures mesures de contrôle :
 - refuser l’embarquement à toute personne ayant voyagé, visitée ou transitée par des aéroports en Chine, y compris Hong Kong et Macao, dans les 14 jours précédant l’embarquement;
 - refuser l’embarquement à toute personne qui, dans les 14 jours précédant l’embarquement, a été en contact étroit avec une personne soupçonnée ou diagnostiquée comme étant atteinte de coronavirus, ou qui a aidé à soigner cette personne, ou à toute personne qui fait

actuellement l'objet d'une surveillance de son état de santé en raison d'une exposition possible au nouveau coronavirus;

- effectuer le contrôle préalable à l'embarquement nécessaire pour mettre en œuvre ces mesures de prévention. Un contrôle renforcé et un soutien médical initial doivent être fournis, au besoin, à toute personne présentant les symptômes d'un cas présumé de nouveau coronavirus.

Aide au retour

- Le gouvernement du Canada a organisé trois départs assistés de zones touchées par l'éclosion du coronavirus. Les Canadiens évacués de Wuhan, en Chine, ont été libérés de la quarantaine, après deux semaines en isolement à la BFC de Trenton. De plus, 129 passagers du navire de croisière Diamond Princess ont été évacués et sont maintenant en quarantaine à Cornwall, en Ontario. Les autres personnes qui ont voyagé à bord du Diamond Princess, mais qui ont refusé l'offre de rapatriement, sont également assujetties à une quarantaine obligatoire de 14 jours dès leur arrivée au Canada.

Senior Level Brief – Novel Coronavirus / COVID-19 Week of Feb 17 - Feb 21, 2020. Report as of February 20 16:00

Previous Senior Level Brief for Feb 20 AM: [RDIMS #16289877](#)

Summary of Daily Update

FEBRUARY 20 AM

- As of 21:47 EST on Feb. 19, there are 203 Canadians on the flight manifest for Canada 3, including 7 crew. 161 PAX from the Diamond Princess had accepted the offer of repatriation. Canada 3 Scheduled to depart at 13:00 EST Feb. 20 and land at CFB Trenton at 1:20 EST on Feb. 21.
- The Japanese Ministry of Health, Labour and Welfare has announced the first two deaths from COVID-19 on the Diamond Princess. The two passengers are reportedly both Japanese.
- GOC reports that 5 Canadians have refused to be tested by Japanese authorities. They will be allowed on Canada 3 if they pass a CAF medical screening but will be classified as high risk.

FEBRUARY 20 PM

- Canada 3 flight carrying Diamond Princess passengers departed Japan at 14:39 EST Feb. 20. Final manifest shows 131 PAX, 7 officials.
- Canadian cases from the Diamond Princess has risen to 48 (1 new case). 34 are hospitalized, 2 are in critical condition, the remainder are stable.
- Two Orders-in-Council have been issued pertaining to Canadian citizens, permanent residents and foreign nationals who travelled on the Diamond Princess, establishing a mandatory 14-day quarantine upon arrival in Canada and preventing onward travel either domestically or internationally.

Updates

Cases

- There are seven confirmed cases, and one probable case, in Canada - 2 in Toronto, 4 in Vancouver, 1 in London, Ontario. Additional probable case in B.C.
- 255 Canadians (251 PAX, 4 crew) remain quarantined on the Diamond Princess in Yokohama, Japan. Phased voluntary disembarkation plan for quarantine in Japan started Feb. 14. Plan prioritizes vulnerable passenger groups and offers the option to fulfill the remainder of their quarantine on shore.

For February 17 AM

- GAC reporting that the number of cases on the Diamond Princess has risen to 355, including 25 Canadians. 17 hospitalized for COVID-19, 3 are in critical condition, the remainder are stable.

For February 17 PM

- Number of confirmed cases in Canada stands at eight, according to PHAC.
- GAC reporting number of confirmed cases on the Diamond Princess is 454, including 32 Canadians. 21 Canadians hospitalized. 2 are in critical condition, remainder are stable. 1 has been hospitalized for other medical reasons and is in critical condition.

For February 18 AM

- GAC reporting number of confirmed cases on the Diamond Princess is 542, including 43 Canadians.

- Initial quarantine on the Diamond Princess to end Feb. 19. At least 4 Canadians are potentially impacted by extension of the quarantine for having been in close contact with a confirmed case. Japanese authorities indicated that 51 Canadians are among the passengers eligible to disembark on Feb. 19.
- The Government has recommended that Canadians not disembark but stay on the ship and participate in the air evacuation being finalized.

For February 19 PM

- GAC reporting that confirmed Canadian cases on the Diamond Princess has risen to 47. 29 have been hospitalized, 3 are in critical condition.
- Initial quarantine on the Diamond Princess has ended. Passengers have started to disembark. At least 15 Canadians, who were in close contact with a confirmed case, are potentially impacted by an extended quarantine.

For February 20 AM

- According to open sources, Japanese Ministry of Health, Labour and Welfare has announced the first two deaths from COVID-19 on the Diamond Princess. The two passengers are reportedly both Japanese.

For February 20 PM

- GAC reporting that confirmed Canadian cases on the Diamond Princess has risen to 48 (1 new case). 34 are hospitalized, 2 are in critical condition, the remainder are stable.

Travel and health advisories/restrictions

- Cruise Lines International Association members adopted enhanced protocols effective Feb. 7 for guests and crew who have recently travelled from or through China, including denial of boarding for any person who has travelled to China in the past 14 days and enhanced pre-boarding screening.
- PHAC is advising travelers who have been in Hubei, China in the last 14 days to contact their local public health authority within 24 hours of arrival, and to self-isolate for 14 days. Those who have visited mainland China asked to self-monitor for symptoms and avoid public spaces for 14 days after leaving mainland China, and to contact local public health if symptoms develop.

For February 20 PM

- Two Orders-in-Council have been issued pertaining to Canadian citizens, permanent residents or foreign nationals who travelled on the Diamond Princess:
 - The first describes the mandatory 14-day quarantine for those who will be repatriated aboard the Government of Canada chartered flight from Japan to CFB Trenton.
 - The second describes that any individual onboard the Diamond Princess is subject to a mandatory 14-day isolation at a quarantine facility upon arrival in Canada. The order prevents onward travel either domestically or internationally of these individuals. Airlines will be asked to share the second Order with individuals before or when they arrive to board a flight. Both orders are publicly available.

Flight suspensions/cancellations

- Air Canada has extended suspension of flights to Beijing and Shanghai until Mar. 27. Toronto-Hong Kong service is also suspended until Mar. 27, 2020. Air Canada will continue, but downgrade, its Vancouver-Hong Kong service.
- Several Chinese airlines have reduced or suspended service to Canada. Overall, scheduled flights from mainland China to Canadian airports have decreased by 67.8% for the week of Feb 16-22.

For February 18 PM

- Air Canada is extending flight suspensions for its Toronto-Hong Kong direct service. For direct flights from Toronto, suspension to run March 1-April 30, 2020. For direct flights from Hong Kong, suspension to run March 2-May 1, 2020.
- China Eastern has added the following flights to its cancellations from Shanghai to Toronto: Saturday, March 14 and Tuesday, March 24.

Refusals to work

- Nothing significant to report.

Assisted departures

For February 17 AM

- Passengers on board the Diamond Princess have received an offer of assisted repatriation to Canada. Departure from Tokyo is set for Tuesday, February 18, with arrival in Trenton scheduled for 03:00 EST on February 19. Because a 747 is being employed, there will be no requirement for a refueling stop in Vancouver. Quarantine will be carried out at the NavCan Centre in Cornwall.
- HPOC has reported that release dates for returnees currently housed at CFB Trenton will be Feb. 21 and 25. If quarantined individuals remain healthy, and are free of symptoms, they can return to their usual activities.

For February 17 PM

- GAC reports that 156 Canadians have accepted, and 50 have refused, the offer of repatriation. According to the current plan, those who exhibit symptoms of COVID-19 will not be permitted to board and will instead be transferred to the Japanese health system.

For February 18 AM

- The plane chartered to repatriate Canadians on board the Diamond Princess Cruise Ship has departed from Lisbon en route to Japan. Tentative repatriation date to the NAV Centre remains Feb. 19.
- As of Feb. 18, 161 have accepted and 61 have refused or are ineligible.

For February 18 PM

- PAX numbers for the Canada 3 repatriation flight continue to evolve. Latest reports indicate that 161 have accepted, 61 have refused or are ineligible and the last 34 are still to be determined. GAC will distribute the confirmed manifest approximately 12 hours prior to departure from Japan to enable SATA verification. Flight is due to arrive in Japan: 22:00 EST Feb 18, depart 15:00 EST Feb 19, and arrive in Trenton 03:00 EST Feb 20.
- HPOC reports that Canada 3 has been delayed. The repatriation flight will now likely take place overnight on Feb. 19/20. Updated ETA's have been requested from GAC and will be distributed once received.

For February 19 AM

- As of Tuesday, Feb. 18 at 22:00, manifest provided by GAC for the Canada 3 repatriation flight from Japan includes 210 people: 165 confirmed passengers, 7 crew members and 38 unconfirmed passengers. Final numbers will be confirmed at the departure time, currently estimated to be 13:00 EST Feb. 20 with arrival on Feb. 21.

For February 19 PM

- Canada 3 has arrived in Japan. GAC reporting on the offer of repatriation:
 - Accepted: 159
 - Hospitalized 47, plus associated family approximately 12
 - 14 with Hong Kong addresses
 - Repatriated on U.S. flight: 2
 - Disembarked in Japan: 7
- GOC reporting the ETA of Canada 3 to be 01:30 EST on Feb. 21.

For February 20 AM

- As of 21:47 EST on Feb. 19, there are 203 Canadians on the flight manifest for Canada 3, including 7 crew. 161 PAX from the Diamond Princess had accepted the offer of repatriation. Canada 3 Scheduled to depart at 13:00 EST Feb. 20 and land at CFB Trenton at 1:20 EST on Feb. 21.

- GOC reports that 5 Canadians have refused to be tested by Japanese authorities. They will be allowed on Canada 3 if they pass a CAF medical screening but will be classified as high risk.

For February 20 PM

- Diamond Princess disembarkation is complete. The Canada 3 flight carrying passengers from the Diamond Princess departed from Japan at 14:39 EST Feb. 20. Final manifest shows 131 PAX, 7 officials. ETA at Trenton is 01:45 EST Feb. 21.
- Final Canada 3 manifest verified by TC, and there are no concerns from a Secure Air Travel Act (SATA) & Passenger Protect Program (PPP) perspective.

Vessel arrivals from China and Hong Kong

For February 17 AM

- MSOCs reports on vessels with recent ports of call in China or Hong Kong:
 - MSOC East reported two vessels bound for Eastern Canadian ports.
 - MSOC West reported that in the next 96 hours 15 vessels are entering Western Canada. 2 to Prince Rupert; 8 to Vancouver; 2 to New Westminster; 2 to Roberts Bank; and 1 to Delta.

For February 18 PM

- MSOCs reports on vessels with recent ports of call in China or Hong Kong:
 - MSOC East: three vessels bound for Eastern Canadian ports within next 96 hrs; 2 to Halifax, 1 to Baie Comeau.
 - MSOC West: in the next 96 hours, 15 vessels will enter Western Canadian ports. 4 to Prince Rupert; 5 to Vancouver; 2 to New Westminster; 3 to Roberts Bank; and 1 to Delta.

For February 19 AM

- MSOCs reports on vessels with recent ports of call in China or Hong Kong
 - MSOC East: No change from yesterday. Three vessels bound for Eastern Canadian ports within next 96 hrs; 2 to Halifax, 1 to Baie Comeau.
 - MSOC West: in the next 96 hours, 23 vessels will enter Western Canadian ports. 10 to Vancouver, 6 to Prince Rupert, 3 to Roberts Bank, 2 to New Westminster, 1 to Delta, 1 to Surrey.

Advanced Planning

- In consultation with legal, TC is developing an authorities matrix to support options analysis and decision making under various scenarios.
- TC continues to meet with its counterparts at PHAC and CBSA to discuss near term decisions, actions and policy options under various scenarios. The next inter-departmental medium term planning workshop will be held on Feb. 18.

For February 18 PM

- An interdepartmental medium term planning conference was held to further refine potential measures and develop a set of indicators, thresholds and data sources to inform decisions. A draft matrix will be validated by the working group February 19th and DM's will be provided a roll up later this week. Priority issue papers were identified for development by lead organizations. The group will continue to convene for follow up discussion.

For February 19 AM

- An interdepartmental marine focused planning session is being hosted by the GOC today to further passenger and cargo vessel arrival contingency planning efforts.

For February 20 PM

- A 10-page summary is being developed by Health Canada and will be circulated to Deputy Ministers on Friday. The document will provide more detailed public health scenarios, planning assumptions, potential impacts and geo-political considerations. Potential measures will be presented at a high level in relation to the strategic objectives of each escalating phase. More detailed, cross-government measures will be captured during the next midterm planning conference, scheduled for Feb. 24.

- CBSA, PHAC and TC discussed policy options for the mandatory reporting of passengers or crew exhibiting symptoms of COVID-19 aboard vessels.
- PHAC requested federal organization in the Prairie Northern Region to identify potential designated quarantine facilities for travellers entering Canada through various airports to support contingency planning efforts.

Industry engagement/issuance of guidance

- TC continues to engage domestic and international organizations, partner nations; including regular teleconferences with airlines.

For February 17 AM

- A letter containing in-flight messaging/script to passengers on enhanced measures at airports has been updated by PHAC and was circulated to air carriers at 08:18 Feb. 17.

For February 18 AM

- Aviation Security hosted a call on Feb. 17 with air carriers that have direct flights from Japan (Air Canada, Japan Airlines, Nippon Airways), as well as PHAC, to update carriers on the situation related to the Diamond Princess cruise ship. Discussion included potential special measures for accommodating return flights for non-repatriated passengers.
- Airlines indicated they had no immediate plans for special questions addressed to passengers to screen those on the cruise ship. However, the usual precautions and protocols related to display of symptoms will be in place.

For February 19 AM

- General guidance for cruise ships is being developed by PHAC. TC is developing an industry engagement plan to support the sharing of information with cruise lines and associations.

Occupational Health and Safety

- The importance of internal communications with employees was reinforced as a priority at the Feb. 12 daily ADM meeting.

Other

- Health Canada updated the Occupational Health Advisory: Novel Coronavirus (COVID-19) to provide additional guidance to employees at missions abroad and those in China. Annex A concerning federal employees working at airports of entry has not changed since the Jan. 24th advisory.

For February 17 AM

- GAC reporting that MS Westerdam has disembarked in Cambodia, after being denied authority to disembark in 5 countries. One passenger has tested positive. Cambodian authorities have asked all passengers (ship and hotel) to stay in their rooms until they can be tested. Flights scheduled for passengers to return home Feb. 16 have been cancelled. Approximately 39-42 Canadians remain confined to the cruise ship, while another 132 are confined to their hotels. 103 Canadians have already departed on flights out of Malaysia and Cambodia.

For February 17 PM

- Minister of Health Patty Hajdu has said that Westerdam cruise ship manifests are being used to determine the travel paths of Canadians who were on board, in light of the passenger testing positive.
- Holland America has announced that MS Westerdam passengers at a hotel in Phnom Penh have all completed screening. Results all negative so far. Cleared guests may travel home.

For February 18 AM

- On the MS Westerdam: Of the 103 Canadian passengers returning home via commercial means, 50 may have had contact with the US passenger who tested positive for COVID-19, according to GAC. They continue to be monitored.

For February 18 PM

- GAC reporting that approximately 114 out of 271 Canadians originally on the MS Westerdam cruise ship have departed. Approximately 42 are confined to the ship in Sihanoukville. Approximately 115 are confined to their hotel in Phnom Penh. Cambodian authorities testing remaining passengers. Tests at the hotel all came back negative. Results from the ship are expected tomorrow (Feb. 19).
- Regardless of test results, Malaysia, South Korea, Singapore, Taiwan, Thailand, and Vietnam are all reportedly refusing to allow MS Westerdam passengers to transit through their territory for at least 14 days. Other countries may follow. GAC recommending future transits home be routed through Hong Kong or Japan.

For February 19 PM

- Cambodian Ministry of Health has issued a press release confirming that 781 MS Westerdam passengers have tested negative for COVID-19. Results provide the required clearance for the passengers remaining in Cambodia to begin their journey home.
- Of the 271 Canadians originally on the Westerdam, 145 remain in Cambodia at the Sokha hotel in Phnom Penh.
- Holland America is working to finalize arrangements and is hopeful most passengers will have left Cambodia by Friday.

Impacts to Transportation Sector

- Please see economic analysis section for further details.

Economic Analysis

Passenger

- On February 19th, the number of passengers arriving directly from mainland China was 1,235, up from the 629 recorded the day before. This continues to be lower than the daily average recorded between Jan. 24-30th, prior to Air Canada's flight cancellations from mainland China (average of 3,043 passengers).
- Over the past 7 days (Feb 13-Feb 19), the number of passengers arriving from mainland China seems to have stabilized (daily changes in arrival numbers are due to daily flight fluctuations). There has been an average of 1,023 passengers per day arriving from mainland China in Canada, compared to the 1,658 average during Feb 6-Feb 12.
- As a result, the number of flights to Canada from mainland China scheduled for February 20th to 26th is expected to decline to 28 flights (from 31 flights in the previous 7-day period). The number of scheduled seats is also expected to decline over the next 7 days (Feb 20-Feb 26) by 1,004 from 8,408 to 7,404. The average daily scheduled seats is expected to decline from 1,201 to 1,058.
- According to the ICAO Report (Effects of Coronavirus on Civil Aviation - Feb. 7, 2020), the direct impact of coronavirus outbreak is expected to be greater than that caused by SARS in 2003 due to higher scale of flight cancellations and bigger air travel market of China. ICAO preliminary Q1 2020 estimates (compared to Q1 2019) of passenger traffic from/to mainland China indicate a reduction of 16.4 to 19.6 million passengers and a reduction of passengers seats from 39% to 41%. As a result, the potential loss of gross operating revenues of airlines could range from USD 4.1 to 4.9 billion (compared to Q1 2019).

Freight

- Capital Economics expects that the coronavirus will cost the world economy over \$280 billion in Q1 of 2020.
 - Oxford Economics expects Canadian GDP growth of 0.5% annualized in Q1, from 1.3% originally. Real GDP growth in 2020 is expected to slow down to 1.2%, from the expected 1.4% previously.
 - Desjardins Economics has revised down its forecast for China's real GDP growth for 2020, from 5.9% to 5.5%. Oxford Economics has revised down their China's GDP growth forecast to 5.4% in 2020 (from 6%) due to a sharp decline in consumption and large production disruptions in Q1.
 - Desjardins Economics has revised down its forecast for the world's GDP growth from 3.0% to 2.9%. TD Economics expects that global GDP growth in 2020 will hold at around 2.8%, down from the expected 3%.
 - Oxford Economics has revised its forecast for the Eurozone GDP growth rate in 2020 to 0.8% and its forecast for the U.S. GDP growth rate in 2020 to 1.6%.
 - The ZEW research institute reported that the economic sentiment among German investors fell to 8.7 from 26.7 in January while economists had expected a drop to 21.5.
- Preliminary analysis shows that a disruption in imports from China would mainly impact the retail and wholesale trade sectors. A disruption on the exports side would heavily impact the resource industry including the forestry sector, the mining sector and the agricultural sector.
 - Supply chains shifting away from China – Freightos reports that the share of freight rate searches for countries other than China increased by more than 17% in February, up from less than 8% a year ago.
 - IHS Markit expects dry-bulk shipping to be the hardest hit of the shipping sectors because of weak demand from China's factories for raw commodities, such as iron ore and coal.
- A.P. Moller-Maersk, a container logistics company, estimates that factories in China are operating at 50-60% capacity and will be ramping up to around 90% capacity by the first week of March. As a result, they expect that weak Q1 container shipments will be followed by a strong rebound in April, May and June.
 - As of February 19, there were 37 container vessels loaded at Chinese ports destined to BC ports, expected to discharge approximately 30,000 TEUs, representing an increase of 4,000 TEUs compared to February 17. Volume of incoming containers is approximately half of average levels.
 - On February 16, Sea Intelligence reported that almost 600,000 20-foot boxes are currently out of action as a result of the virus, up from about half that amount just under a week earlier.
 - On average, 30,000 TEUs are unloaded each week from China to B.C. ports, representing 65% of total inbound containerized cargo volumes to B.C. ports.
 - At the Port of Vancouver, import volumes are forecast to decrease by 1.6% in the first half of 2020 compared to the same period in 2019, import volumes at the Port of Prince Rupert are forecast to increase by 16%.

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Senior Level Brief – Novel Coronavirus

Week of Feb 3 - Feb 9, 2020

February 6 16:00

Previous Senior Level Brief for Feb 6 AM: RDIMS #16242769

Context

- This Event Summary is an addendum to the GOC Situation Report updating the whole of government response to the novel coronavirus.
- For reference, planned scheduled flights to Canada arriving at the 3 main airports:
 - January:
 - originating in China: 416 scheduled flights
 - originating from Hong Kong:187
 - February (planned prior to suspension or cancellation of flights)
 - originating in China: 381 scheduled flights
 - originating from Hong Kong:157
- The two most significant ports in or adjacent to Wuhan Province are Shanghai and Ningbo/Zhoushan. From these ports there is an average of approximately 64 vessels per month arriving at British Columbia ports which are predominantly container ships and bulk carriers. The average transit time is 14 days.

Summary

- Seven confirmed cases in Canada - two in Toronto, four in Vancouver, one in London, Ontario.
- UPDATE FEB 6 PM
- 2 new cases were reported in Vancouver. They are family members of the B.C. woman who tested positive for the virus earlier this week.
 - Air Canada has temporarily suspended all daily flights to China from February 6, 2020 until February 29, 2020.
 - On January 31, the United States (U.S) announced travel restrictions on movements to and from China. TC officials continue to work with industry and US counterparts to fully understand the impacts for Canada.
 - US announced Presidential Order, coming into effect February 2, 2020 restricting vessels coming into the US which have visited a port in China within 15 days.
 - Clarification received from the US. - Non-passenger commercial vessels that have been to China (excluding Hong Kong and Macau) or embarked crew members who have been in China (excluding Hong Kong and Macau) within the last 14 days, with no sick crew members will be permitted to enter the US and conduct normal operations with restrictions.
 - Daily passenger data indicated a downward trending in total PAX arriving directly from China mainland. TSA advised that Chinese carriers are still operating direct flights from China mainland. Air policy is working with CBSA to collect and analyze statistics for Canadian arrivals from mainland China and Hong Kong.
 - Preliminary drafting instructions have been provided to DOJ drafters for an interim order that will require relevant air carriers to provide passengers on international flights to Canada with a fillable personal contact information form.
 - TC received questions at the House Standing Committee on Health concerning aircraft grooming. PHAC issued guidance to air carriers February 3. Outreach to air carriers is underway to determine implementation status of PHAC grooming guidelines and identify if all have SOPs in place to segregate PAX that demonstrate symptoms.

- A consolidated plan to brief unions (representing TC employees) is being developed. TC is coordinating with Labour Program on communicating emergency disease control guidelines and materials.
- At the request of Mr. Heng Xiaojun, Minister Counsellor, Embassy of the People's Republic of China, a call was held with TC, during which the Chinese position on continuation of flights was reiterated
- Japan's Ministry of Foreign Affairs reported that the Diamond Princess cruise ship, carrying approximately 3,700 passengers and crew, including 251 Canadians, is being quarantined for 14 days off shore Yokohama, Japan. There are 10 confirmed nCoV cases onboard.
 - PHAC has confirmed that 2 of the 251 Canadian passengers, have tested positive for nCoV and have been taken ashore for treatment.
- International media reported (5 Feb) that a cruise ship with approximately 1,800 passengers is quarantined in Hong Kong. There is no confirmed information on whether any Canadians are on board.
- 211 Canadian PAX are currently forecasted to be on the first flight. Numbers of Canadians seeking repatriation have escalated to 430. The US offered 66 seats to Canada on a US repatriation flight operated by Kalitta Air. Options are being explored for a second flight. GAC is leading a working group to explore destination options and logistics. Earliest possible date is Feb 9th. TC deployed a technical specialist to the GOC to assist with contingency and second flight planning efforts.
- Canadian Standing Rapid Deployment Team (SRDT) members have obtained Vietnamese and Chinese visas for a second potential flight. Current planning assumptions include using the same plane.
- TC Communications has provided input to Health Canada's draft media relations protocol.
- A Regional Public Safety led Federal Coordination Group meeting was held in Vancouver to support mechanical issue and symptomatic PAX contingency planning options development.
- On 4 Feb, France increased China Travel Advice to Level 3 – Avoid non-essential travel. US, UK, NZ and AU all recommended that their citizens leave China at the earliest opportunity. GAC's website was updated Feb 5 to state that for safety and security reasons, "Consider leaving China if your presence isn't essential". Minister Champagne encouraged Canadians whose presence in China is non-essential to depart via commercial means.
- **See Economic Analysis at the end of the report for additional details from YVR**
- Canada 01 flight:
 - departed Hanoi at 08h00 EST (6 Feb), landed Wuhan 09:30, approximately 1.5 hours later than anticipated. Flight registration number 9H-STY.

UPDATE FEB 6 PM:

- arrival Vancouver: 9:08PM Pacific time (12:08 AM EST Feb 7). Expected arrival in Trenton is forecast for approximately 05h35 EST. 176 PAX.
- flight tracking being done by GAC crisis management cell and updates will be provided throughout the day.
- flight manifest received pre-departure from Hanoi and was verified against SATA - no concerns.
- CivAv has imbedded a liaison officer at the GOC to support technical requests.
- US 1 flight:
 - Overflight/landing authorization for US state flight K4379 granted for the period of February 7, 2020 plus 72-hour extension before and after the authorized overflight period.

UPDATE FEB 6 PM:

- Scheduled departure Wuhan was 14:00 EST. Aircraft still boarding as of 16:15. Approximately 40 Canadian PAX are anticipated.
- Canada flight 2:
 - Earliest date for departure would be Feb 10th.
- A crisis management cell (DND, GAC, GOC, PHAC) is activated for the duration of each of the evacuation flights.
- TC in support of PHAC is actively reaching out to air carriers to confirm airplane grooming guidance is being implemented, onboard announcement are being conducted and that airlines have procedures in place for segregating symptomatic passengers.

UPDATE FEB 6 PM

- Chinese carriers to YVR have reduced or suspended flights until end of February or March.
- TC is working with PHAC to develop Q's an A's related to airplane grooming guidelines.

International Events

- The WHO declared the 2019-nCoV outbreak to be a public health emergency of international concern on January 30.
- On January 31, the United States announced travel restrictions on movements to and from China.
- U.S. announced Presidential Order, coming into effect February 2, 2020 restricting vessels coming into the US who have visited a port in China within 15 days.
- Russia set to suspend all passenger rail travel with China starting February 3 due to outbreak
- A call was held between Mr. Heng Xiaojun, Minister Counsellor, Embassy of the People's Republic of China and TC. On behalf of the Chinese government, Mr. Heng conveyed that: China is taking comprehensive measures to combat the coronavirus, beyond the standards of the WHO and that the WHO has assessed that there should be no limitation to international travel and trade based on the coronavirus outbreak. He thanked Canada for its science and fact-based approach to entry/exit (travel) measures. These same points were conveyed to Global Affairs Canada and via a letter sent by CAAC Administrator, Feng Zhenglin, to Minister Garneau.
- GAC's website was updated (Feb 5), to state that for safety and security reasons, "Consider leaving China if your presence isn't essential" Specifically, it notes to avoid all travel to Hubei and all non-essential travel to China.

Impacts on the Transportation Sector

Aviation Cases:

- **Confirmed Cases:** Five confirmed cases in Canada. Two in Toronto, Two in Vancouver, one in London Ontario.
- **Potential In-flight Cases:** All potential cases to date have been cleared.

Marine Cases:

- **Potential Inbound Cases:** No current concerns.
- GAC has confirmed that Japan's Ministry of Foreign Affairs reported that the Diamond Princess cruise ship, carrying approximately 3,700 passengers and crew, including 251 Canadians, is being quarantined for 14 days off shore Yokohama, Japan. There are 10 confirmed nCoV cases onboard. PHAC has confirmed that 2 of the 251 Canadian passengers on the Diamond Princess cruise ship, have tested positive for nCoV and have been taken ashore for treatment.
- International media reported on 5 February that a cruise ship with approximately 1,800 passengers is quarantined in Hong Kong's Kai Tak Cruise Terminal. There is no information on whether any Canadians are on board.

Aviation

Flight suspensions:

- Air Canada temporarily suspending all daily flights to China effective February 6, 2020 until February 29, 2020. Affected customers are being notified.

UPDATE FEB 6 PM:

- Chinese carriers to YVR have reduced or suspended flights until end of February or March.

Potential work refusals:

- TC is working with ESDC on refusal to work situations.

Sharing of Information

- **Manifests:** Canadian Border Services Agency's (CBSA) remains accountable for obtaining this information.
- **Announcement onboard flights to Canada:** All domestic and international airlines have agreed to voluntarily comply with onboard announcements.
- **Personal contact information:** CBSA continues to collect passenger contact information using paper forms.

Assisted Departure:

- Options are being explored for a second plane. Destination may be different due to logistical considerations and ability to absorb.
- Total number of Canadian Citizens seeking departure assistance from Hubei Province: 378. 330 entered China on a Canadian passport.
- The earliest possible date for a potential second flight is 10 Feb. GAC needs 24 hours to populate manifest and carrier would need manifest 48 hrs in advance.
- Additional Canadian Standing Rapid Deployment Team (SRDT) members have obtained Vietnamese and Chinese visas for the second potential flight. Exploring additional visa options depending on routing. Chinese visas being sought for DND medics and CBSA officers.
- TC Passenger Protect Program is obtaining manifests from GOC to conduct SATA verifications.
- A technical expert has been deployed to the GOC to assist with planning efforts.
- Feb, 4 the US offered seats to Canada on a US repatriation flight operated by Kalitta Air to accommodate PAX would not fit on the first flight.
- Numbers of Canadians seeking repatriation have escalated to 430.
- Planning assumptions include a 10% attrition of PAX based on experience of other countries' repatriation efforts.
- Canada 01 flight:
 - departed Hanoi at 08h00 EST (6 Feb), landed Wuhan 09:30, approximately 1.5 hours later than anticipated. Flight registration number 9H-STY.

UPDATE FEB 6 PM:

- arrival Vancouver: 9:08PM Pacific time (12:08 AM EST Feb 7). Expected arrival in Trenton is forecast for approximately 05h35 EST. 176 PAX.
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 - Overflight/landing authorization for US state flight K4379 granted for the period of February 7, 2020 plus 72-hour extension before and after the authorized overflight period.
 - Scheduled to depart Wuhan 14:00 EST

UPDATE FEB 6 PM:

- US flights manifest was verified and there are no concerns
- Scheduled departure Wuhan was 14:00 EST. Aircraft still boarding as of 16:15. Approximately 40 Canadian PAX are anticipated.
- Canada flight 2:
 - Earliest date for a potential departure could be Feb 10th. No decision has been made. Flight options and final locations for PAX are being considered.

Travel restrictions:

- On January 31, 2020 GAC issued a travel advisory to avoid all non- essential travel to mainland China and all travel to Hubei Province.

- On January 31, the United States announced that they are imposing travel restrictions on movements to and from China, denying entry to foreign nationals who had recently visited China— apart from permanent residents and relatives of U.S. citizens — and imposing a 14-day quarantine on returning American citizens. Details are still being confirmed. Effective February 2 at 17:00. TC officials working with industry and U.S. counterparts to understand the impacts for Canada.
- US Coast Guard Sector Puget Sound implementing Presidential Order that all vessels that have had a Chinese port call need to have a 15-day period before entering Captain of the Port Zone.
- Passenger volume direct from China has been decreasing since January 30.
- On 4 February France has increased China Travel Advice to Level 3 – Avoid non-essential travel.
- US, UK, NZ and AU all recommend their citizens to leave China at earliest opportunity. However, as of 5 February the UK Government has not yet taken any step to restrict flights between the UK and China.
- On Feb 5, Minister Champagne encouraged Canadians whose presence in China is non-essential to depart via commercial means.

Advanced planning:

- Interdepartmental planning continues to support PHAC scenario development.

Marine

Potential work refusal/guidance to marine industry:

- No current concerns.
- Confirmation received that IMO issued an information circular to member states and those with consultative status on Jan 31st. It provides information and guidance, based on recommendations developed by the World Health Organization (WHO), on the precautions to be taken to minimize risks to seafarers, passengers and others on board ships from novel coronavirus (2019-nCoV).

TC Actions

Aviation:

- TC continues to engage international organizations and partner nations; including regular teleconferences with airlines, CBSA and PHAC.
- TC Air Policy working with CBSA to analyze flight statistics from China and Hong Kong.
- TC is engaging airport officials to facilitate refuelling operations for the Assisted Departure Plan.
- TC is reaching out to offer support to the GAC led working group examining options for a second assisted departure flight.
- TC is working with CBSA on an interim order that will require the involved air carriers to provide all passengers on international flights to Canada with a fillable personal contact information form. The drafting instructions have been preliminary shared with DOJ drafters.
- Outreach is ongoing to reconfirm with air carriers flying to Canada from China that they are communicating the message provided by the GoC in its entirety, in both English and French. Air carriers agreed to follow up by end of week Feb 07.
- *Secure Air Travel Act* list verification can be completed in conjunction with partners that will be on the ground. TC is reaching out to GAC to get the manifest and do the PPP vetting prior to the flight and will confirm once the flight is cleared.
- PHAC issued guidance for aircraft grooming procedures.
- Airplane Grooming: TC is following up with air carriers to determine implementation status of PHAC grooming guidelines and identify if all have SOPs in place to segregate PAX that demonstrate symptoms.
- Information was received from the UK as part of the “Five Nations Strategic Arrangement” partnership concerning actions being taken at airports:
 - Health protection teams have been in place at Heathrow since 22 January and at Gatwick and Manchester since 29 January.

- Public health posters have been displayed at the three priority airports (, LHR, MAN). Posters are from public health agencies in England, Ireland and Scotland with advice to travelers who have returned from Wuhan or Hubei in the past 14 days.
- Messages are being broadcast on aircrafts flying in direct to the UK from China to advise on what to do if symptoms present, and leaflets are being distributed to passengers on arrival.
- A response from the airlines (nil or otherwise) is requested no later than 60 mins before the actual arrival time from the captain of all aircraft from China to provide early warning of any passenger illness.
- Southern China (the sole airline that flew direct flights from Wuhan to the UK) has sent an email to passengers that have flown to UK directly from Wuhan since 10 January, where they have individual passenger email addresses, advising what to do if they feel unwell.
- Public Health England (PHE) will be writing to the remaining passengers today (in English or Mandarin accordingly) that have flown to the UK from China since 10 January where contact details are obtainable from Border Force.
- TC in support of PHAC is actively reaching out to air carriers to confirm if airplane grooming guidance is being implemented, onboard announcement are being conducted and that airlines have procedures in place for segregating symptomatic passengers.

Marine:

- The Marine Security Operations Centre is conducting analysis on vessel arrivals.
- US Government has not yet issued implementation guidelines to support the U.S. order.
- PHAC has developed marine protocols/procedures that are at approval stages. MSS interim procedures are in place at the 3 MSOCs. The process involves sharing information with the US Coast Guard.
- MSS continues to engage 5VEY countries for information on maritime restrictions.
- Stakeholders, including Canada Shipping Federation, Port Authorities and BC Chamber of Shipping will be engaged on Feb 4 to share information and identify concerns. Speaking points are being drafted.
- PHAC has confirmed that measures put in place since last week continue to be effective to address current level of maritime risk. Should PHAC risk assessment change in a way that additional measures would be needed, other options are being developed.
- Regional Directors, MSS will be holding discussions with key marine stakeholders (e.g. Canadian Shipping Federation, Port Authorities, BC Chamber of Shipping) to identify potential implications and mitigation strategies related to the U.S. POTUS Order.
- Impacts of new US measures on Canada, is currently assessed as minimal, as the most likely scenario is for ships to slow down en route to US to meet the 16 day timeline (rather than coming to Canada).
- A Marine Event Response Protocol teleconference is planned for Tuesday February 4, 2020, which will include PHAC and MSOC partners, to share information and discuss anticipated changes, as required.
- Clarification received from the US concerning POTUS Order. Marine Safety Information Bulletin issued by USCG on Feb 2 indicates non-passenger commercial vessels that have been to China (excluding Hong Kong and Macau) or embarked crew members who have been in China (excluding Hong Kong and Macau) within the last 14 days, with no sick crew members will be permitted to enter the U.S. and conduct normal operations with restrictions. Crew members on these vessels, under US. Coast Guard authority, are to remain on board except to conduct specific activities directly related to vessel cargo or provisioning operations.
- TC MSS led a Maritime Event Response Protocol teleconference Feb 4 and continues to reach out to key stakeholders (i.e. sea ports, Shipping Federation) to share information and raise awareness.
- TC will continue to receive, share and assess advanced information from MSOC partners on vessel arrivals from China.
- On Feb 1st an ill crew member was reported on the MV Ever Safety who had scheduled ports of call in Tacoma followed by Vancouver. The vessel has been cleared by USCG to leave the Port of Tacoma and is now enroute to the Port of Vancouver.
- CBSA has verified that the operator of a marine conveyance is not obligated to notify CBSA of ill crew/pax on board in advance of arrival. Under the Quarantine Act, the notification must be given (as soon as possible before a conveyance arrives at its destination in Canada) to a PHAC quarantine officer – CBSA officers are

screening officers under this Act. TC has established voluntary measures requesting vessel masters with crew members and passengers symptomatic of the Coronavirus to advise Transport Canada so that we can relay the information to PHAC to do an assessment. TC has followed up with PHAC requesting specific guidance and protocols.

- Information was received from the UK as part of the “Five Nations Strategic Arrangement” partnership concerning actions being taken at ports:
 - Eurostar/Eurotunnel and priority maritime ports have also been contacted to display the public health agency posters.
 - The port health measures do not include temperature screening. Expert advice is that this is neither efficient nor effective for the UK.
- The GOC will be setting up an interdepartmental planning meeting for maritime scenario development.
- PHAC has confirmed that 2 of the 251 Canadian passengers on the Diamond Princess cruise ship, currently quarantined off of Yokohama Tokyo have tested positive for nCoV and have been taken ashore for treatment.

UPDATE FEB 6 PM

- MSOC is tracking SOLAS vessels entering Canada that have previously visited China or Hong Kong since December 12, 2019. 23 vessels meeting this criteria are expected to arrive at Western Canadian ports between now and Feb. 9.

Surface

- TC joined a TSA conference for US public transit operators to obtain an update on the US response to nCoV.
- The U.S. Federal Transit Administration will be producing a fact sheet on Novel Coronavirus for public distribution to all transit operators in the U.S. Similar fact sheets are being produced by the FAA and the Federal Railroad Administration

Occupational Health and Safety:

- Guidance provided to TC Employees, TC Inspectors, and CATSA.
- TC is coordinating with Labour Program on communicating emergency disease control guidelines and materials, which will be published soon on GConnex for TC employees.
- A consolidated plan to brief unions (representing TC employees) is being developed.
- TC is working on guidance and Q&As with TBS labour relations colleagues that should cover all OHS and LR concerns or issues - target date for completion is end of this week.

Emergency Management:

- **National Emergency Coordination Centre (NECC):** The NECC is activated at Level 2. Hours of operation are 0800 to 1800h, including weekends.
- Advanced planning: TC technical experts are meeting to share information and support PHAC's and TC advanced scenario planning efforts.
- Incident Management Team meeting was held.
- TC's BCP coordinator is reviewing and updating the TC pandemic influenza contingency plan
- Departmental security is working with corporate working group (internal) and sector working group (external) to ensure alignment to all ongoing initiatives related to 2019 nCoV.
- The Health Portfolio Regional Emergency Coordination Centres (RECC) are activated in Québec, Ontario, Atlantic and Western regions to support activities related to 2019-nCoV in China, and to undertake preparedness and detection activities in Canada.
- A Regional Public Safety led Federal Coordination Group meeting was held in Vancouver to support mechanical issue and symptomatic PAX contingency planning options development.

Communications:

- Standing Committee on Health February 3.
- TC is amplifying messaging from OGDs through social media channels.

- TC Communications has provided input to Health Canada's draft media relations protocol identifying TC's area of responsibility.

Economic Analysis

Passenger

- On February 4th, the total number of passengers arriving directly from mainland China was 1,519 passengers. This is significantly lower than the daily average recorded in Jan. 24-30th prior to Air Canada's flight cancellations from mainland China (average of 3,043 passengers).
- The number of flights to Canada from mainland China scheduled for February 9 to 15th is expected to decline from 92 (as originally forecasted in mid-January) to 60, representing a decline of about 35% of flights.
- Two Chinese airlines have announced 5 flight cancellations to Canada per week (starting the week of February 16).

UPDATE FEB 6 PM

- On February 5th, the total number of passengers arriving directly from mainland China was 2,054, up from 1,519 recorded yesterday but significantly lower than the daily average recorded in Jan. 24-30th prior to Air Canada's flight cancellations from mainland China (average of 3,043 passengers).
- Four different Chinese air carriers serving the Vancouver Airport (Sichuan, Beijing Capital, Xiamen and China Southern) have announced an immediate reduction of 10 flights per week. This follows yesterday's announcement of the cancellation of 5 scheduled flights by Hainan and China Southern at Toronto Pearson (effective the week of February 16).
- As a result, the number of flights to Canada from mainland China scheduled for February 6 to 12th is expected to decline to 53 (from 66 flights the previous 7-day period). The number of scheduled seats is also expected to decline over the next 7 days (Feb 6-12) by over 3,600 from 18,400 to 14,800 seats.
- As of Feb 5. YVR reported the following changes to the schedules of carriers serving that airport:
 - Sichuan suspended flights to Chengdu (CTU) until March (originally 2x per week);
 - Beijing Capital reduced from 3x per week to Qingdao (TAO) to 1x per week until end of February;
 - Xiamen suspended flights to Xiamen (XMN) until late February/March (originally 3x per week);
 - China Southern reduced from 7x per week to Guangzhou (CAN) to 4x per week until end of March;
 - Air China downgauged on flights to Beijing (PEK) resulting in a loss of 81 seats per flight until end of March. Air China continues to operate daily flights to Beijing; and
 - Air Canada suspended all daily flights to China until the end of February.

Freight

- Bloomberg and RBC preliminary estimates of the economic impacts associated to the coronavirus on China's GDP is about -1.0 percentage point (in Q1). For Canada, RBC preliminary analysis suggests a temporary impact between -0.2% to -0.3% (annualized) on GDP growth for Q1.
 - While the Canadian economy benefited from China's consumer-led economy over the past few years, industries such as automotive manufacturing, tourism and lobster fishing could now all be impacted – with some impacts already materializing.
 - The coronavirus outbreak has already caused job losses at seafood plants and has hit lobster dealers in Nova Scotia, with cargo flights to China cancelled and a drop in the price of lobster.
 - The coronavirus has started impacting the aerospace manufacturing sector with Western manufacturers (such as Airbus) temporarily closing down facilities in China. Canadian tourism companies have also been impacted with Chinese tourists cancelling trips to Banff and Yellowknife.
- Preliminary analysis shows that a disruption in imports from China would mainly impact the retail and wholesale trade sectors. A disruption on the exports side would heavily impact the resource industry including the forestry sector, the mining sector and the agricultural sector. A more detailed economic and transportation assessment will be available in few days.
 - Prior to trade disruptions caused by the coronavirus, both Canadian exports to and imports from China in 2019 were already showing signs of decline (-16% and -0.8%, respectively) with exports of oilseeds and wood products most affected (-77.6% and -13.6%, respectively) while exports of minerals, meat/seafood and finished vehicles all rose significantly

- Following a 19-month trade war between the U.S. and China, the coronavirus could lead to a shift in supply chains, with corporations seeking new suppliers out of China, potentially turning to Vietnam.
- On average, 30,000 TEUs are unloaded each week from China to B.C. ports, representing 65% of total inbound containerized cargo volumes to B.C. ports. There are approximately 21 crew members operating those vessels.
 - As of February 6, based on advanced declarations to Canadian Customs, there were 42 container vessels destined to BC ports, which are expected to discharge a total of 55,000 TEUs that were loaded at Chinese ports.
 - Multiple Chinese ports (such as Shanghai) have implemented protection and control measures which are affecting port operations. Loading and unloading operations have slowed down, land transportation of cargo is restricted, and transshipment of cargo by inland river feeder vessels is also affected.
 - 88% import container volumes at the Port of Vancouver originates from the ports of Shanghai, Yantian and Ningbo.
 - 79% import container volumes at the Port of Prince Rupert originates from the ports of Shanghai, Qingdao Liuting and Ningbo.



Senior Level Brief – Novel Coronavirus

Week of Feb 3 - Feb 9, 2020

February 5 17:00 h

Previous Senior Level Brief for Feb 5 AM: RDIMS #16236798

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 - originating from Hong Kong: 187
 - February (planned prior to suspension or cancellation of flights)
 - originating in China: 381 scheduled flights
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- The two most significant ports in or adjacent to Wuhan Province are Shanghai and Ningbo/Zhoushan. From these ports there is an average of approximately 64 vessels per month arriving at British Columbia ports which are predominantly container ships and bulk carriers. The average transit time is 14 days.

Summary

- Five confirmed cases - two in Toronto, two in Vancouver, one in London, Ontario.
- Air Canada has temporarily suspended direct flights to Beijing and Shanghai from January 30, 2020 until February 29, 2020.
- On January 31, the United States announced travel restrictions on movements to and from China. TC officials continue to work with industry and U.S. counterparts to fully understand the impacts for Canada.
- U.S. announced Presidential Order, coming into effect February 2, 2020 restricting vessels coming into the US who have visited a port in China within 15 days.
- TSA advised that Chinese carriers are still operating direct flights from China mainland. Air policy is working with CBSA to collect and analyze statistics for Canadian arrivals from mainland China and Hong Kong.
- TC has engaged YVR airport officials to facilitate refueling operations for the assisted departure plan.
- Options are being explored for a second flight. GAC is leading a working group to explore destination options and logistics. Earliest possible date is Feb 9th. TC is reaching out to offer support.
- Flight from China (delayed due to weather conditions in Hanoi) will arrive in Vancouver 6 Feb 19h05 (PST) for refueling. Departure from Vancouver is 20h35 (PST), with arrival in Trenton Feb 7 at 00h35 (EST).
- Clarification received from the US concerning POTUS Order. Non-passenger commercial vessels that have been to China (excluding Hong Kong and Macau) or embarked crew members who have been in China (excluding Hong Kong and Macau) within the last 14 days, with no sick crew members will be permitted to enter the U.S. and conduct normal operations with restrictions.
- Frontline TSA employees at airports have been permitted to wear facemasks at their discretion, and have been recommended to do so at the 17 U.S. airports with direct service from China. CBSA requested that PHAC provide messaging on use of PPE for front line workers.

- Preliminary drafting instructions have been provided to DOJ drafters for an interim order that will require relevant air carriers to provide passengers on international flights to Canada with a fillable personal contact information form.
- Daily passenger data indicated a downward trending in total Pax arriving directly from China mainland.
- TC received questions at the House Standing Committee on Health concerning aircraft grooming. PHAC issued guidance to air carriers February 3.
- Outreach to air carriers is underway to determine implementation status of PHAC grooming guidelines and identify if all have SOPs in place to segregate PAX that demonstrate symptoms.
- A consolidated plan to brief unions (representing TC employees) is being developed.
- TC is coordinating with Labour Program on communicating emergency disease control guidelines and materials.
- Second flight planning is ongoing, although no decision has yet been made.
- On Feb 1st an ill crew member was reported on the MV Ever Safety who had scheduled ports of call in Tacoma followed by Vancouver. The vessel has been cleared by USCG to leave the Port of Tacoma and is now en route to the Port of Vancouver.
- The GOC will be setting up an interdepartmental planning meeting for maritime scenario development.
- At the request of Mr. Heng Xiaojun, Minister Counsellor, Embassy of the People's Republic of China, a call was held today with TC, during which the Chinese position on continuation of flights was reiterated
- Japan's Ministry of Foreign Affairs reported that the Diamond Princess cruise ship, carrying approximately 3,700 passengers and crew, including 251 Canadians, is being quarantined for 14 days off shore Yokohama, Japan. There are 10 confirmed nCoV cases onboard. None of the 251 Canadians onboard have tested positive for the virus during the first phase of screening.
- International media reported (5 Feb) that a cruise ship with approximately 1,800 passengers is quarantined in Hong Kong. There is no confirmed information on whether any Canadians are on board.
- On 4 February, France increased China Travel Advice to Level 3 – Avoid non-essential travel.
- US, UK, NZ and AU all recommended that their citizens leave China at the earliest opportunity.
- Canadian Standing Rapid Deployment Team (SRDT) members have obtained Vietnamese and Chinese visas for a second potential flight. Current planning assumptions include using the same plane.
- CivAv has deployed a technical specialist to the GOC to assist with contingency and second flight planning efforts.

UPDATE FEB 5 PM

- Numbers of Canadians seeking repatriation have escalated to 430.
- 211 Canadian PAX are currently forecasted to be on the first flight.
- The US offered 66 seats to Canada on a US repatriation flight operated by Kalitta Air. The flight would arrive in YVR on the 07 Feb for a refuel stop. Options and logistics, including transferring of PAX to an onward flight to Trenton are actively been addressed.
- TC Communications has provided input to Health Canada's draft media relations protocol.
- A Regional Public Safety led Federal Coordination Group meeting was held in Vancouver to support mechanical issue and symptomatic PAX contingency planning options development.
- GAC's website was updated Feb 5 to state that for safety and security reasons, "Consider leaving China if your presence isn't essential"
- **See Economic Analysis at the end of the report for additional details**

International Events

- The WHO declared the 2019-nCoV outbreak to be a public health emergency of international concern on January 30.
- On January 31, the United States announced travel restrictions on movements to and from China.
- U.S. announced Presidential Order, coming into effect February 2, 2020 restricting vessels coming into the US who have visited a port in China within 15 days.

- Russia set to suspend all passenger rail travel with China starting February 3 due to coronavirus outbreak
- A call was held today between Mr. Heng Xiaojun, Minister Counsellor, Embassy of the People's Republic of China and TC. On behalf of the Chinese government, Mr. Heng conveyed that: China is taking comprehensive measures to combat the coronavirus, beyond the standards of the WHO and that the WHO has assessed that there should be no limitation to international travel and trade based on the coronavirus outbreak. He thanked Canada for its science and fact-based approach to entry/exit (travel) measures. These same points were conveyed to Global Affairs Canada and via a letter sent by CAAC Administrator, Feng Zhenglin, to Minister Garneau.
- GAC's website was updated (Feb 5), to state that for safety and security reasons, "Consider leaving China if your presence isn't essential" Specifically, it notes to avoid all travel to Hubei and all non-essential travel to China.

Impacts on the Transportation Sector

Aviation Cases:

- **Confirmed Cases:** Four confirmed cases. Two in Toronto, one in Vancouver, one in London Ontario.
- **Potential In-flight Cases:** All potential cases to date have been cleared.

Marine Cases:

- **Potential Inbound Cases:** No current concerns.
- GAC has confirmed that Japan's Ministry of Foreign Affairs reported that the Diamond Princess cruise ship, carrying approximately 3,700 passengers and crew, including 251 Canadians, is being quarantined for 14 days off shore Yokohama, Japan. There are 10 confirmed nCoV cases onboard. None of the 251 Canadians onboard have been tested positive for the virus during the first phase of screening.
- International media reported on 5 February that a cruise ship with approximately 1,800 passengers is quarantined in Hong Kong's Kai Tak Cruise Terminal. There is no information on whether any Canadians are on board.

Aviation

Flight suspensions:

- Air Canada temporarily suspending all direct flights to Beijing and Shanghai effective January 30, 2020 until February 29, 2020. Affected customers are being notified.

Potential work refusals:

- TC is working with ESDC on refusal to work situations.

Sharing of Information

- **Manifests:** Canadian Border Services Agency's (CBSA) remains accountable for obtaining this information.
- **Announcement onboard flights to Canada:** All domestic and international airlines have agreed to voluntarily comply with onboard announcements.
- **Personal contact information:** CBSA continues to collect passenger contact information using paper forms.

Assisted Departure:

- Final Assisted Departure Plan distributed. TC does not have a specific role to play at this time.
- GAC issued a joint news release by Ministers of Foreign Affairs, Health and DND re: Assisted Departure Plan, following the IRG meeting.
- Options are being explored for a second plane. Destination may be different due to logistical considerations and ability to absorb. GAC-led working group to launch today to explore options.

- Total number of Canadian Citizens seeking departure assistance from Hubei Province: 378. 330 entered China on a Canadian passport.
- Flight from China now set for Feb 6 (delayed due to weather conditions in Hanoi), arrival in Vancouver 6 Feb 19h05 (PST) for refueling. Departure from Vancouver is 20h35 (PST), with arrival in Trenton Feb 7 at 00h35 (EST).
- YVR is undertaking preparations for the anticipated refueling stop.
- No decision yet made on second flight. The earliest possible date is 9 Feb. GAC needs 24 hours to populate manifest and carrier would need manifest 48 hrs in advance.
- GOC held a weather contingency and second flight planning meeting. Options for weather related diversions or ground stops will be circulated at 8:00 pm and a final planned will be sent to ADMs tomorrow morning. Second flight planning is ongoing, although no decision has yet been made.
- Additional Canadian Standing Rapid Deployment Team (SRDT) members have obtained Vietnamese and Chinese visas for the second potential flight. Exploring additional visa options depending on routing. Chinese visas being sought for DND medics and CBSA officers.
- TC Passenger Protect Program has requested the manifest from GOC to conduct SATA verifications.
- A technical expert from CivAv has been deployed to the GOC to assist with planning efforts.

UPDATE FEB 5 PM

- 211 Canadian PAX are forecasted to leave Wuhan on 06 Feb, arriving Trenton 07 Feb
- Overnight (Feb, 4) the US offered seats to Canada on a US repatriation flight operated by Kalitta Air to accommodate the 66 PAX on the manifest that will not fit on the first flight. The flight would arrive in YVR on the 07 Feb for a refuel stop. Options and logistics, including transferring of PAX to an onward flight to Trenton are actively been addressed. YVR was advised of the possibility and has offered support to the federal assisted departure working groups' efforts.
- Numbers of Canadians seeking repatriation have escalated to 430.
- Planning assumptions include a 10% attrition of PAX based on experience of other countries' repatriation efforts.

Travel restrictions:

- On January 31, 2020 GAC issued a travel advisory to avoid all non- essential travel to mainland China and all travel to Hubei Province.
- On January 31, the United States announced that they are imposing travel restrictions on movements to and from China, denying entry to foreign nationals who had recently visited China— apart from permanent residents and relatives of U.S. citizens — and imposing a 14-day quarantine on returning American citizens. Details are still being confirmed. Effective February 2 at 17:00. TC officials working with industry and U.S. counterparts to understand the impacts for Canada.
- US Coast Guard Sector Puget Sound implementing Presidential Order that all vessels that have had a Chinese port call need to have a 15-day period before entering Captain of the Port Zone.
- Passenger volume direct from China has been decreasing since January 30.
 - Jan 30 – 3342
 - Jan 31 – 2405
 - Feb 1 – 1702
- On 4 February France has increased China Travel Advice to Level 3 – Avoid non-essential travel.
- US, UK, NZ and AU all recommend their citizens to leave China at earliest opportunity. However, as of 5 February the UK Government has not yet taken any step to restrict flights between the UK and China.

Advanced planning:

- Interdepartmental planning continues to support PHAC scenario development.

Marine

Potential work refusal/guidance to marine industry:

- No current concerns.
- Confirmation received that IMO issued an information circular to member states and those with consultative status on Jan 31st. It provides information and guidance, based on recommendations developed by the World Health Organization (WHO), on the precautions to be taken to minimize risks to seafarers, passengers and others on board ships from novel coronavirus (2019-nCoV).

TC Actions

Aviation:

- TC continues to engage international organizations and partner nations; including regular teleconferences with airlines, CBSA and PHAC.
- TC Air Policy working with CBSA to analyze flight statistics from China and Hong Kong.
- TC is engaging airport officials to facilitate refuelling operations for the Assisted Departure Plan.
- TC is reaching out to offer support to the GAC led working group examining options for a second assisted departure flight.
- TC is working with CBSA on an interim order that will require the involved air carriers to provide all passengers on international flights to Canada with a fillable personal contact information form. The drafting instructions have been preliminary shared with DOJ drafters.
- Outreach is ongoing to reconfirm with air carriers flying to Canada from China that they are communicating the message provided by the GoC in its entirety, in both English and French. Air carriers agreed to follow up by end of week Feb 07.
- *Secure Air Travel Act* list verification can be completed in conjunction with partners that will be on the ground. TC will reach out to GAC on Feb 4th to get the manifest and do the PPP vetting prior to the flight and will confirm once the flight is cleared.
- PHAC issued guidance tonight for aircraft grooming procedures.
- Airplane Grooming: TC is following up with air carriers to determine implementation status of PHAC grooming guidelines and identify if all have SOPs in place to segregate PAX that demonstrate symptoms.
- Information was received from the UK as part of the "Five Nations Strategic Arrangement" partnership concerning actions being taken at airports:
 - Health protection teams have been in place at Heathrow since 22 January and at Gatwick and Manchester since 29 January.
 - Public health posters have been displayed at the three priority airports (, LHR, MAN). Posters are from public health agencies in England, Ireland and Scotland with advice to travelers who have returned from Wuhan or Hubei in the past 14 days.
 - Messages are being broadcast on aircrafts flying in direct to the UK from China to advise on what to do if symptoms present, and leaflets are being distributed to passengers on arrival.
 - A response from the airlines (nil or otherwise) is requested no later than 60 mins before the actual arrival time from the captain of all aircraft from China to provide early warning of any passenger illness.
 - Southern China (the sole airline that flew direct flights from Wuhan to the UK) has sent an email to passengers that have flown to UK directly from Wuhan since 10 January, where they have individual passenger email addresses, advising what to do if they feel unwell.
 - Public Health England (PHE) will be writing to the remaining passengers today (in English or Mandarin accordingly) that have flown to the UK from China since 10 January where contact details are obtainable from Border Force.

Marine:

- The Marine Security Operations Centre is conducting analysis on vessel arrivals.
- US Government has not yet issued implementation guidelines to support the U.S. order.
- PHAC has developed marine protocols/procedures that are at approval stages. MSS interim procedures are in place at the 3 MSOCs. The process involves sharing information with the US Coast Guard.
- MSS continues to engage 5VEY countries for information on maritime restrictions.
- Stakeholders, including Canada Shipping Federation, Port Authorities and BC Chamber of Shipping will be engaged on Feb 4 to share information and identify concerns. Speaking points are being drafted.
- PHAC has confirmed that measures put in place since last week continue to be effective to address current level of maritime risk. Should PHAC risk assessment change in a way that additional measures would be needed, other options are being developed.
- Regional Directors, MSS will be holding discussions with key marine stakeholders (e.g. Canadian Shipping Federation, Port Authorities, BC Chamber of Shipping) to identify potential implications and mitigation strategies related to the U.S. POTUS Order.
- Impacts of new US measures on Canada, is currently assessed as minimal, as the most likely scenario is for ships to slow down en route to US to meet the 16 day timeline (rather than coming to Canada).
- A Marine Event Response Protocol teleconference is planned for Tuesday February 4, 2020, which will include PHAC and MSOC partners, to share information and discuss anticipated changes, as required.
- Clarification received from the US concerning POTUS Order. Marine Safety Information Bulletin issued by USCG on Feb 2 indicates non-passenger commercial vessels that have been to China (excluding Hong Kong and Macau) or embarked crew members who have been in China (excluding Hong Kong and Macau) within the last 14 days, with no sick crew members will be permitted to enter the U.S. and conduct normal operations with restrictions. Crew members on these vessels, under US. Coast Guard authority, are to remain on board except to conduct specific activities directly related to vessel cargo or provisioning operations.
- TC MSS led a Maritime Event Response Protocol teleconference today at 13:00 ET. and continues to reach out to key stakeholders (i.e. sea ports, Shipping Federation) to share information and raise awareness.
- TC will continue to receive, share and assess advanced information from MSOC partners on vessel arrivals from China.
- On Feb 1st an ill crew member was reported on the MV Ever Safety who had scheduled ports of call in Tacoma followed by Vancouver. The vessel has been cleared by USCG to leave the Port of Tacoma and is now enroute to the Port of Vancouver.
- CBSA has verified that the operator of a marine conveyance is not obligated to notify CBSA of ill crew/pax on board in advance of arrival. Under the Quarantine Act, the notification must be given (as soon as possible before a conveyance arrives at its destination in Canada) to a PHAC quarantine officer – CBSA officers are screening officers under this Act. TC has established voluntary measures requesting vessel masters with crew members and passengers symptomatic of the Coronavirus to advise Transport Canada so that we can relay the information to PHAC to do an assessment. TC has followed up with PHAC requesting specific guidance and protocols.
- Information was received from the UK as part of the “Five Nations Strategic Arrangement” partnership concerning actions being taken at ports:
 - Eurostar/Eurotunnel and priority maritime ports have also been contacted to display the public health agency posters.
 - The port health measures do not include temperature screening. Expert advice is that this is neither efficient nor effective for the UK.
- The GOC will be setting up an interdepartmental planning meeting for maritime scenario development.

Surface

- TC joined a TSA conference for US public transit operators to obtain an update on the US response to nCoV.
- The U.S. Federal Transit Administration will be producing a fact sheet on Novel Coronavirus for public distribution to all transit operators in the U.S. Similar fact sheets are being produced by the FAA and the Federal Railroad Administration

Occupational Health and Safety:

- Guidance provided to TC Employees, TC Inspectors, and CATSA.
- TC is coordinating with Labour Program on communicating emergency disease control guidelines and materials, which will be published soon on GConnex for TC employees.
- A consolidated plan to brief unions (representing TC employees) is being developed.
- TC is working on guidance and Q&As with TBS labour relations colleagues that should cover all OHS and LR concerns or issues - target date for completion is end of this week.

Emergency Management:

- **National Emergency Coordination Centre (NECC):** The NECC is activated at Level 2. Hours of operation are 0800 to 1800h, including weekends.
- Advanced planning: TC technical experts are meeting today to share information and support PHAC's and TC advanced scenario planning efforts.
- Incident Management Team meeting was held.
- TC's BCP coordinator is reviewing and updating the TC pandemic influenza contingency plan
- Departmental security is working with corporate working group (internal) and sector working group (external) to ensure alignment to all ongoing initiatives related to 2019 nCoV.
- The Health Portfolio Regional Emergency Coordination Centres (RECC) are activated in Québec, Ontario, Atlantic and Western regions to support activities related to 2019-nCoV in China, and to undertake preparedness and detection activities in Canada.

UPDATE FEB 5:

A Regional Public Safety led Federal Coordination Group meeting was held in Vancouver to support mechanical issue and symptomatic PAX contingency planning options development.

Communications:

- Standing Committee on Health February 3.
- TC is amplifying messaging from OGDs through social media channels.

UPDATE FEB 5 PM

- TC Communications has provided input to Health Canada's draft media relations protocol identifying TC's area of responsibility.

Economic Analysis

Passenger

- On February 4th, the total number of passengers arriving directly from mainland China was 1,519 passengers. This is significantly lower than the daily average recorded in Jan. 24-30th prior to Air Canada's flight cancellations from mainland China (average of 3,043 passengers).
- The number of flights to Canada from mainland China scheduled for February 9 to 15th is expected to decline from 92 (as originally forecasted in mid-January) to 60, representing a decline of about 35% of flights.
- Two Chinese airlines have announced 5 flight cancellations to Canada per week (starting the week of February 16).

Freight

- Bloomberg and RBC preliminary estimates of the economic impacts associated to the coronavirus on China's GDP is about -1.0 percentage point (in Q1). For Canada, RBC preliminary analysis suggests a temporary impact between -0.2% to -0.3% (annualized) on GDP growth for Q1.
 - While the Canadian economy benefited from China's consumer-led economy over the past few years, industries such as automotive manufacturing, tourism and lobster fishing could now all be impacted – with some impacts already materializing.
 - The coronavirus outbreak has already caused job losses at seafood plants and has hit lobster dealers in Nova Scotia, with cargo flights to China cancelled and a drop in the price of lobster.
- Preliminary analysis shows that a disruption in imports from China would mainly impact the retail and wholesale trade sectors. A disruption on the exports side would heavily impact the resource industry

including the forestry sector, the mining sector and the agricultural sector. A more detailed economic and transportation assessment will be available in few days.

- Following a 19-month trade war between the U.S. and China, the coronavirus could lead to a shift in supply chains, with corporations seeking new suppliers out of China, potentially turning to Vietnam or other southern asian countries.
- On average, 30,000 TEUs are unloaded each week from China to B.C. ports, representing 65% of total inbound containerized cargo volumes to B.C. ports. There are approximately 21 crew members operating those vessels.
 - Based on advanced declarations to Canadian Customs, it is estimated that over the coming 20 days, around 40 container vessels loaded at Chinese ports are destined to B.C. ports. They are expected to discharge a total of 54,000 TEUs.
 - 88% import container volumes from China to the Port of Vancouver originates from the ports of Shanghai, Yantian and Ningbo .
 - 79% import container volumes from China to the Port of Prince Rupert originates from the ports of Shanghai, Qingdao Liuting and Ningbo.

Daily Air Scheduled Flights and Passenger Dashboard

Transport Canada / Canadian Border Services Agency

Number of Daily Scheduled Flights from mainland China to Canada

Week of January 26th to February 01

80

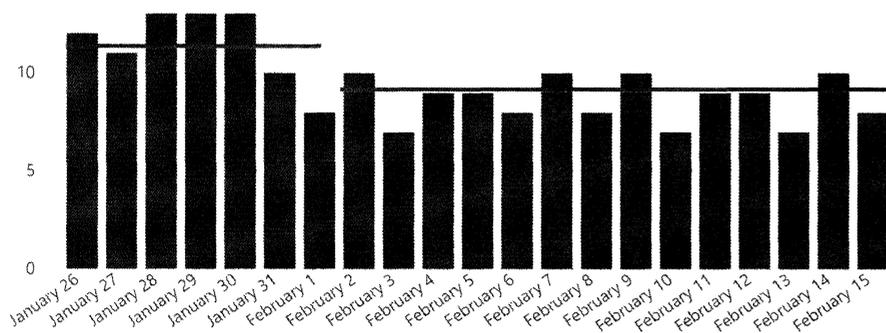
Week of February 2nd to February 8th

61

Week of February 9th to February 15th

60

Scheduled Flights Jan 22 - Feb 3rd



Key Messages

The number of flights to Canada from mainland China scheduled for January 21 to 28th is expected to decline from 91 (as originally scheduled in mid January) to 60 - a decline of about 35% of flights.

The flight reduction is linked to Air Canada's flight cancellations to China (effective January 30th).

There will be more flight reduction coming from China since two Chinese airlines have announced 5 flight cancellations to Canada per week (starting the week of February 16).

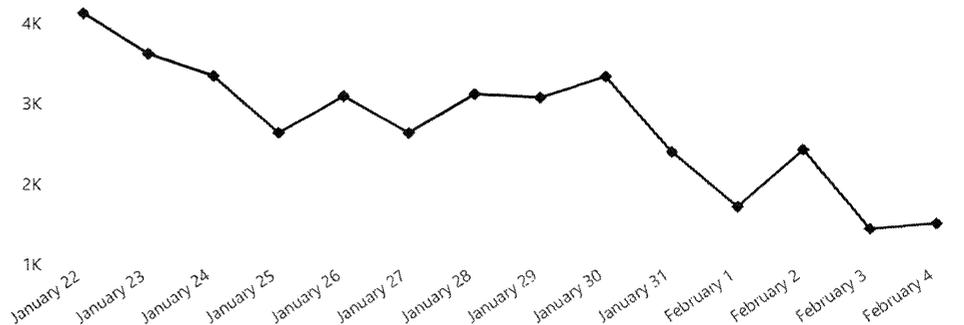
Data Source: Airport IS, Latest Update: February 5th, 2020

Passenger Arrivals from mainland China

January 22nd to February 4th

January										February			
22	23	24	25	26	27	28	29	30	31	1	2	3	4
4,128	3,628	3,356	2,647	3,103	2,645	3,128	3,083	3,342	2,405	1,727	2,435	1,453	1,519

Passenger Arrivals in Canada from mainland China



Key Messages

Since Air Canada flight cancellations (effective January 30th), the total number of passengers arriving directly from mainland China has declined and is pursuing its downward trend.

The daily average recorded in Jan. 24-30th prior to Air Canada's flight cancellations from mainland China was 3,043 passengers and its now 1,783 since the beginning of February.

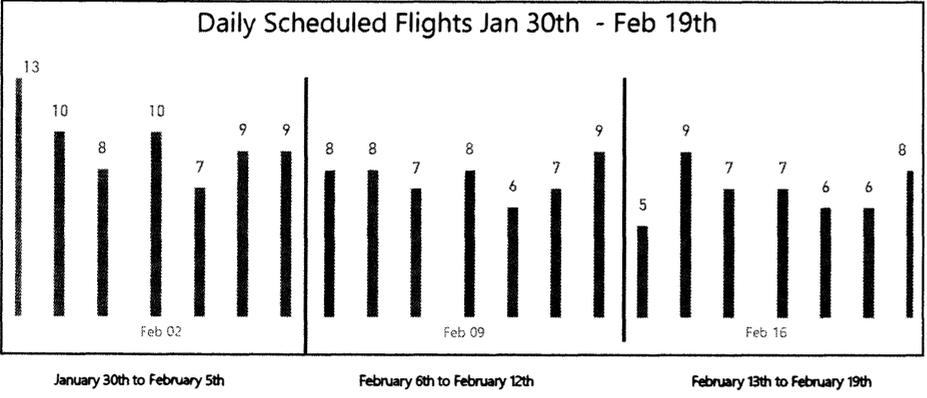
Data Source: CBSA Passenger Data, Latest Update: February 5th, 2020

Daily Air Scheduled Flights and Passenger Dashboard

Transport Canada / Canadian Border Services Agency

Number of Scheduled Flights and Seats from mainland China to Canada

	January 30th to February 5th	February 6th to 12th	February 13th to 19th
Weekly Flights	66	53	48
Weekly Seats	18,393	14,814	13,337



Key Messages

The number of flights to Canada from mainland China scheduled for February 6th to 12th, has declined from 66 to 53 – (a 20% reduction).

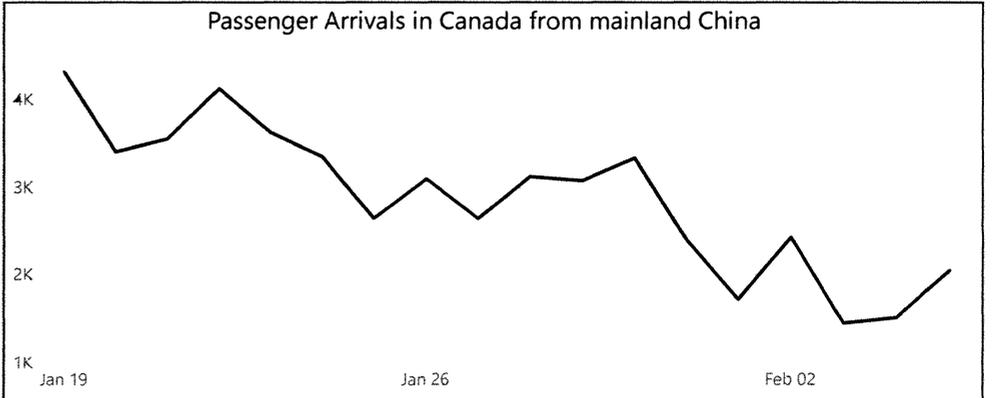
The number of scheduled seats for the upcoming 7 days (February 6 to 12) is expected to decline by about 3,500 seats with additional reductions expected the following week.

Four different Chinese air carriers serving the Vancouver Airport have announced an immediate reduction of 10 flights per week. This follows yesterday's announcement of the cancellation of 5 scheduled flights at Toronto Pearson (starting the week of February 16).

Data Source: Airport IS, Latest Update: February 6th, 2020

Passenger Arrivals from mainland China

Day	Passengers
Jan 19	4,128
Jan 20	3,628
Jan 21	3,356
Jan 22	2,647
Jan 23	3,103
Jan 24	2,645
Jan 25	3,128
Jan 26	3,083
Jan 27	3,342
Jan 28	2,405
Jan 29	1,727
Jan 30	2,435
Jan 31	1,453
Feb 01	1,519
Feb 02	2,054



Key Messages

Since Air Canada flight cancellations, the total number of passengers arriving directly from mainland China has declined and is pursuing its downward trend.

The daily average recorded in Jan. 24-30th prior to Air Canada's flight cancellations from mainland China was 3,043 passengers and is now 1,837 since the beginning of February.

Data Source: CBSA Passenger Data, Latest Update: February 6th, 2020

Daily Air Scheduled Flights and Passenger Dashboard

Last Updated: 2020-02-20

Transport Canada / Canadian Border Services Agency

Number of Scheduled Flights and Seats from mainland China directly to Canada

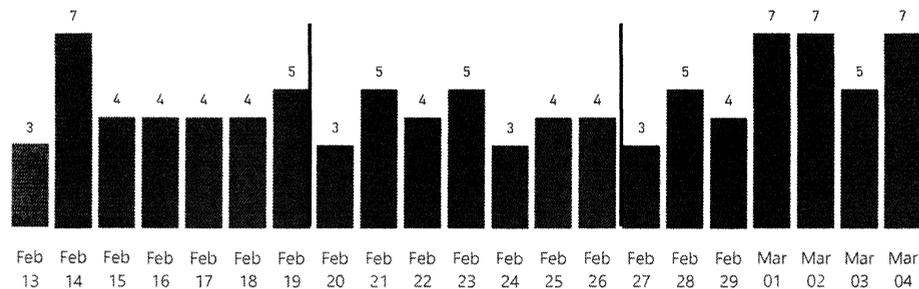
	Feb 13 - Feb 19	Feb 20 - Feb 26	Feb 27 - Mar 04
Weekly	31 Flights	28 Flights	38 Flights
	8,408 Seats	7,404 Seats	10,204 Seats
	1,201 Daily Average	1,058 Daily Average	1,458 Daily Average

Passenger Arrivals from mainland China

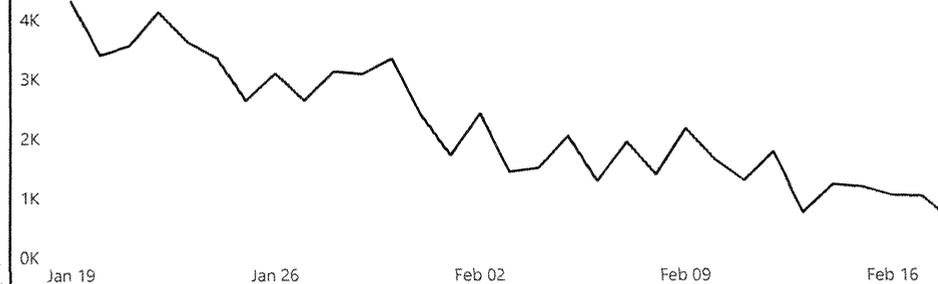
Total Passengers Feb 05 - Feb 19

February																		
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19				
2,054	1,297	1,949	1,405	2,181	1,664	1,311	1,797	760	1,240	1,201	1,056	1,043	629	1,235				

Daily Scheduled Flights Feb 13 - Mar 04



Passenger Arrivals in Canada from mainland China



Key Messages

- The number of flights to Canada from mainland China scheduled for Feb 20-Feb 26 is expected to decline to 28 flights (from 31 flights in the previous 7-day period). The number of scheduled seats is also expected to decline over the next 7 days (Feb 20-Feb 26) by 1,004 from 8,408 to 7,404. The average daily scheduled seats is expected to decline from 1,201 to 1,058.

- The flight cancellations from mainland China for February (19th - 25th) are as follows: Air Canada (Beijing - 14, Shanghai - 17); Air China (Beijing - 5, with some reduced capacity); Beijing Capital Airlines (Qingdao - 3); China Eastern Airlines (Nanjing - 3, Shanghai - 6); China Southern Airlines (Guangzhou - 6); Hainan Airlines (Beijing - 2, Shenzhen - 2); Sichuan Airlines (Chengdu - 2) and Xiamen Airlines (Xiamen - 2).

Key Messages

- On Feb 19, the total number of passengers arriving directly from mainland China was 1,235, up from the 629 recorded the day before. This continues to be lower than the daily average of passengers recorded between Jan. 24-30th, prior to Air Canada's flight cancellations from mainland China, was an average of 3,043 passengers.

- Over the past 7 days (Feb 13-Feb 19), the number of passengers arriving from mainland China seems to have stabilized (daily changes in arrival numbers are due to daily flight fluctuations). There has been an average of 1,023 passengers per day arriving from mainland China in Canada, compared to the 1,658 average during Feb 06-Feb 12.

Data Source: CBSA Passenger Data

Last Extract Date : 2020-01-20

Data Source: CBSA Passenger Data

To: Keenan, Michael[michael.keenan@tc.gc.ca]
Cc: Roy, Marc[marc.roy@tc.gc.ca]; Butcher, Amy[amy.butcher@tc.gc.ca]; McCloskey, Shane[shane.mccloskey@tc.gc.ca]; Hill, Miled[Miled.Hill@tc.gc.ca]; McCrorie, Aaron[aaron.mccrorie@tc.gc.ca]; Little, Jennifer[jennifer.little@tc.gc.ca]
From: Garneau, Marc - Personnel
Sent: Sat 2020-02-15 6:17:04 PM
Importance: Normal
Subject: Re: Coronavirus Update
MAIL_RECEIVED: Sat 2020-02-15 6:16:41 PM

Thank you Michael

Envoyé de mon smartphone BlackBerry 10 sur le réseau Rogers.

Message d'origine

De: Keenan, Michael

Envoyé: samedi 15 février 2020 6:14 PM

À: Garneau, Marc - Personnel

Cc: Roy, Marc; Butcher, Amy; McCloskey, Shane; Hill, Miled; McCrorie, Aaron :TC; Little, Jennifer :TC

Objet: Fwd: Coronavirus Update

Minister,

Latest on the coronavirus from Aaron below.

We are announcing tonight the assisted return from the cruise ship in Japan.

Michael

Michael Keenan

Deputy Minister - Sous-ministère

Transport Canada - Transports Canada

1-613-990-4507 <tel:1-613-990-4507>

michael.keenan@tc.gc.ca <mailto:michael.keenan@tc.gc.ca>

Begin forwarded message:

From: "McCrorie, Aaron" <aaron.mccrorie@tc.gc.ca>

Date: February 15, 2020 at 6:09:26 PM EST

To: "Keenan, Michael" <michael.keenan@tc.gc.ca>

Cc: "Brosseau, Kevin" <Kevin.Brosseau@tc.gc.ca>, "Brackenridge, Jimmy" <jimmy.brackenridge@tc.gc.ca>, "Benjamin, Kim" <kim.benjamin@tc.gc.ca>, "Johnson, Nora" <nora.johnson@tc.gc.ca>, "Langlois, Alain" <alain.langlois@tc.gc.ca>

Subject: Coronavirus Update

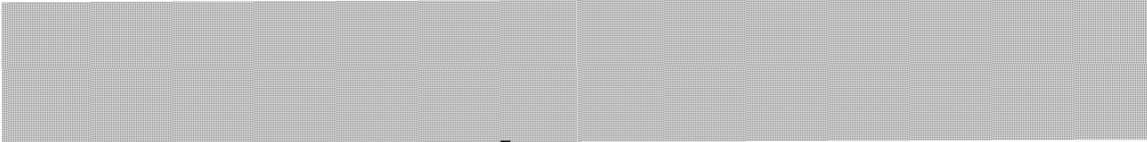
Hi Michael,

Please see below an update on the coronavirus call. Jimmy feel free to add / correct.

- Assisted Returns from Japan: Issue / Challenge
- How to treat any Canadians or Permanent Residents who opt to fly commercially back to Canada rather than accepting the repatriation flight and associated quarantine
- Given limits of their authority, PHAC's current plan is to issue an Emergency Order subjecting them to mandatory self-isolation at home.
- As discussed during the call, this raises issues in terms of safety of other passengers on

the commercial aircraft and differential treatment from others on same vessel

- Therefore, we have been asked to look at what TC authorities could be brought to bear:



- The plan is to have an answer by Sunday morning so we can circulate something to DMs via email.



-
-
-
-
-
-
-

Benoit, Natalie

From: Garneau, Marc - Personnel [REDACTED]
Sent: Saturday, February 15, 2020 3:59 PM
To: Keenan, Michael
Cc: Roy, Marc; McCloskey, Shane; Hill, Miled; McCrorie, Aaron; Little, Jennifer; Butcher, Amy
Subject: Re: GAC EWRC-3228: MS Westerdam; Sihanoukville, Cambodia

Thank you Michael

Envoyé de mon smartphone BlackBerry 10 sur le réseau Rogers.

Message d'origine
De: Keenan, Michael
Envoyé: samedi 15 février 2020 3:39 PM
À: Garneau, Marc - Personnel
Cc: Roy, Marc; McCloskey, Shane; Hill, Miled; McCrorie, Aaron :TC; Little, Jennifer :TC; Butcher, Amy
Objet: Fwd: GAC EWRC-3228: MS Westerdam; Sihanoukville, Cambodia

Minister

As per Aaron's brief below an American off the Weatherdon has tested positive for coronavirus. This indirectly raises the risks for the Canadians returning from this cruise-ship, and we will need to sort out how we handle that.

Michael

Michael Keenan
Deputy Minister - Sous-ministre
Transport Canada - Transports Canada
1-613-990-4507<tel:1-613-990 4507>
michael.keenan@tc.gc.ca<mailto:michael.keenan@tc.gc.ca>

Begin forwarded message:

From: "McCrorie, Aaron" <aaron.mccrorie@tc.gc.ca>
Date: February 15, 2020 at 3:04:13 PM EST
To: "Keenan, Michael" <michael.keenan@tc.gc.ca>
Cc: "Brosseau, Kevin" <Kevin.Brosseau@tc.gc.ca>, "Benjamin, Kim" <kim.benjamin@tc.gc.ca>, "Johnson, Nora" <nora.johnson@tc.gc.ca>
Subject: FW: GAC EWRC-3228: MS Westerdam; Sihanoukville, Cambodia

Hi Michael,

Please see update below. A U.S. passenger from the Westerdam has been diagnosed with coronavirus. About 55 Canadians are in transit. I am seeking an update from partners in terms of what actions we will take at the border.

Aaron

Aaron J. McCrorie

Associate Assistant Deputy Minister, Safety and Security (AA)

Transport Canada, Government of Canada

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Sous ministre adjoint associé, Sécurité et sûreté (AA)

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From: Sitcen HQ / Centre d'intervention AC (TC)

Sent: Saturday, February 15, 2020 2:06 PM

To: Aviation, Operations <operations.aviation@tc.gc.ca>; Benjamin, Kim <kim.benjamin@tc.gc.ca>; Bossé, Natalie <natalie.bosse@tc.gc.ca>; Bouchard, Martin <martin.bouchard@tc.gc.ca>; Boyd, Amanda <Amanda.Boyd@tc.gc.ca>; Brisebois, Luc <luc.brisebois@tc.gc.ca>; Brosseau, Kevin <Kevin.Brosseau@tc.gc.ca>; Canciani, Katia <Katia.Canciani@tc.gc.ca>; Collett, Les <Les.Collett@tc.gc.ca>; Collins, Francois <francois.collins@tc.gc.ca>; D'Aoust, RoxAnne <roxanne.daoust@tc.gc.ca>; Dea, Christian <christian.dea@tc.gc.ca>; DeJong, Michael <michael.dejong@tc.gc.ca>; DL OTT ABA RDTSEP <DLOTTABARDTSEP@tc.gc.ca>; DL OTT ABPD <DLOTTABPD@tc.gc.ca>; DL OTT EPCWG <DLOTTEPCWG@tc.gc.ca>; DL OTT NEPC MGROPS <DLOTTNEPCMGROPS@tc.gc.ca>; DL OTT PMC RDG <DLOTTPMCRDG@tc.gc.ca>; Frank.Stendardo <Frank.Stendardo@international.gc.ca>; Gagnon, Marc <marc.gagnon@tc.gc.ca>; Hanson, Lawrence <lawrence.hanson@tc.gc.ca>; Johnson, Nora <nora.johnson@tc.gc.ca>; Juneau, Patrick <patrick.juneau@tc.gc.ca>; Lilius, Kristina <kristina.lilius@tc.gc.ca>; Theocharides, Kyprianos <kyprianos.theocharides@tc.gc.ca>; Laurin, Benoit <Benoit.Laurin@tc.gc.ca>; Marisetti, Anuradha <Anuradha.Marisetti@tc.gc.ca>; McCrorie, Aaron <aaron.mccrorie@tc.gc.ca>; NECC National Emergency Coordination Centre / Centre national de la coordination des urgences CNCU <NatEmergencyCoordCentre Centrenatcoordurgences@tc.gc.ca>; NECC Director / Directeur CNCU <NECCDirector DirecteurCNCU@tc.gc.ca>; NECC Operations / Opérations CNCU <NECCOperations-OperationsCNCU@tc.gc.ca>; NECC Planning / Planification CNCU <NECCPlanning PlanificationCNCU@tc.gc.ca>; Nixon, Wendy <wendy.nixon@tc.gc.ca>; Pastorek, Maggie <maggie.pastorek@tc.gc.ca>; Pilgrim, Ryan <Ryan.Pilgrim@tc.gc.ca>; Robinson, Nicholas <Nicholas.Robinson@tc.gc.ca>; Roy, Jacqueline <jacqueline.roy@tc.gc.ca>; Ruel, Pierre <pierre.ruel@tc.gc.ca>; Sametz, Tracey <tracey.sametz@tc.gc.ca>; Saucier, Mario <mario.saucier@tc.gc.ca>; Sidibé, Malick <malick.sidibe@tc.gc.ca>; Stacey, Colin <colin.stacey@tc.gc.ca>; Sully, Jennifer <jennifer.sully@tc.gc.ca>; Szwalek, Joseph <joseph.szwalek@tc.gc.ca>; TC.F ABA Incident Management / ABA Gestion des incidents F.TC <TC.ABAIncidentManagement ABAGestiondesincidents.TC@tc.gc.ca>; Turcotte, Benoit <benoit.turcotte@tc.gc.ca>

Subject: GAC EWRC 3228: MS Westerdam; Sihanoukville, Cambodia

FYI

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Emergency Preparedness – Operations, Transport Canada

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From: crisis@international.gc.ca<mailto:crisis@international.gc.ca> [mailto:crisis@international.gc.ca]

Sent: Saturday, February 15, 2020 13:51

To: crisis@international.gc.ca<mailto:crisis@international.gc.ca>; opsofficer.agentdesoperations
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Subject: EWRC-3228: MS Westerdam; Sihanoukville, Cambodia

BCC at the bottom of the page

This report is being sent due to high media coverage and potential consular implications.
The EWRC will provide as more information becomes available

SUMMARY OF THE SITUATION / APERÇU DE LA SITUATION

* On Feb 14, the cruise ship the MS Westerdam, with 2,257 passengers, docked in the port city of Sihanoukville, Cambodia after being turned away from ports in Japan, Taiwan, Thailand, the Philippines and Guam, due to fears of Coronavirus.

* Cambodian health officials conducted health screenings and cleared all passengers, allowing them off the ship to proceed with travel to their respective countries.

* In the evening of Feb 14, 2 American passengers heading back to the United States were taken to the designated hospital in Kuala Lumpur, Malaysia, treating patients infected by the Coronavirus; 1 of them tested positive for Coronavirus.

* The American citizens had been put on a chartered flight arranged by Holland America from Sihanoukville to Kuala Lumpur.

* The Embassy of Canada in Bangkok (BNGKK) has reported that Cambodian authorities only tested samples from 20 passengers of the MS Westerdam (including 2 Canadians) who had displayed various symptoms of illness (including symptoms not currently believed to be associated with the Coronavirus). Their tests all came back negative.

* The remaining passengers and crew were only checked for fever upon disembarking.

MISSION SITUATION / SITUATION DE LA MISSION

* A total of 6 people, including 5 mission staff from the Embassy of Canada to Cambodia in Phnom Penh (PNPEN); The High Commission of Canada to Malaysia in Kuala Lumpur (KLMPR); BNGKK; and 1 dependent from PNPEN have directly assisted Canadian passengers on the MS Westerdam; of these, 4 may/may have been in brief contact with 1 MS Westerdam passenger infected by the novel Coronavirus. This includes:

* 1 BNGKK Canadian Based Staff (CBS) who was in Sihanoukville who has already returned to Bangkok;

* 1 PNPEN Locally Engaged Staff (LES) who is still in Sihanoukville; and 1 BNGKK CBS who was initially in Sihanoukville and is now in Phnom Penh (originally due to return to Bangkok tonight, but is staying in place awaiting instructions),

* 1 KLMPR CBS who saw MS Westerdam passengers at the Kuala Lumpur International Airport who is currently staying in a hotel rather than returning home; and

- * 1 PNPEN CBS and 1 PNPEN dependent who assisted passengers in Phnom Penh only and did not go to Sihanoukville.
- * GAC Corporate Health Programs (HWH) is aware and provided temporary guidance during a phone call on Feb 15 to BNGKK/PNPEN HOM and KLMPR/HOM.
- * None of the staff and dependent appear to have been in close contact with the infected American, although it is possible that those who went to Sihanoukville might have shaken the individual's hand. None currently show symptoms.
- * HWH advice is that for the time being, they should all continue to self monitor for symptoms. No additional measure is required from a Canadian public health perspective at this stage.

CONSULAR SITUATION / SITUATION CONSULAIRE

- * Due to the detection of Coronavirus in 1 passenger from the MS Westerdam, the Malaysian government will no longer authorize Holland America to charter flights from Cambodia.
 - * 5 charter flights scheduled to leave from Sihanoukville to Kuala Lumpur were rerouted to Phnom Penh; 2 charter flights arranged to take passengers from Phnom Penh to Kuala Lumpur were held at Malaysia's request pending test results from the abovementioned couple, then cancelled when 1 test came back positive.
 - * Approximately 45 Canadians remain in Sihanoukville; they are currently confined to the cruise ship until further notice.
 - * Another 150-170 Canadians are in Phnom Penh.
 - * Airlines are already aware of the confirmed case from the MS Westerdam. This could affect transits home for the remaining passengers in Cambodia as some countries may prevent them from passing through their territory.
 - * To remind, approximately 25 Canadians got on flights out of Malaysia and approximately another 30 got out of Cambodia yesterday and today travelling through various routings for a total of approximately 55.
- PNPEN will monitor and report on any measures announced by Cambodian public health authorities which could affect staff and Canadian passengers still in Cambodia.

COMMUNICATIONS

- * A conference call was conducted by the GOC with stakeholders from GAC, CBSA and PHAC on Feb 15 to discuss steps moving forward.

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[cid:image002.jpg@01D3E300.B1649320]

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To: Brackenridge, Jimmy[jimmy.brackenridge@tc.gc.ca]; Garneau (personal account), Marc[marc.garneau@tc.gc.ca]; Butcher, Amy[amy.butcher@tc.gc.ca]; McCloskey, Shane[shane.mccloskev@tc.gc.ca]; Hill, Miled[Miled.Hill@tc.gc.ca]; 'Garneau, Marc - Personnel'[redacted] Roy, Marc[marc.roy@tc.gc.ca]
Cc: Little, Jennifer[jennifer.little@tc.gc.ca]; Arcand, Annie[annie.arcand@tc.gc.ca]; Phillips, Alyssa[alyssa.phillips@tc.gc.ca]; Roy, Melanie[melanie.roy@tc.gc.ca]
From: Keenan, Michael
Sent: Tue 2020-02-03 9:16:56 PM
Importance: Normal
Subject: RE: Coronavirus update // Feb 3 PM
MAIL_RECEIVED: Tue 2020-02-03 9:16:56 PM

Minister,

A couple of small updates since the departmental report from this afternoon.

∇ We just received the latest data from CBSA on passenger volume direct from China, and it showed an uptick on Sunday Feb 2, after a big decline on Saturday. The latest numbers are as follows:

- Jan 30 – 3342
- Jan 31 – 2405 (first day after all Air Canada flights stopped)
- Feb 1 – 1702
- Feb 2 - 2435
-

∇ Sunday is typically the busiest day of the week, and the 2435 that arrived on Feb 2 is lower than the 3103 from the Sunday before (Jan 26). While the numbers are bouncing around, the trend so far seems to be that incoming passenger volumes are running lower than the week before when Air Canada was flying, but are continuing at a significant pace – and planes that are flying are pretty full on the incoming leg.

∇ We reached out to the Vancouver Airport today regarding the refuelling stop of the rescue flight. They are carefully preparing and planning for contingencies given the special circumstances. They share our view that YVR has the capabilities and facilities to handle the technical stop and deal with any issues that may come up like mechanical

issues better than any other alternative airport in the West.

Michael

∨ **From:** Brackenridge, Jimmy
Sent: Monday, February 03, 2020 7:54 PM
To: Garneau (personal account), Marc <marc.garneau@tc.gc.ca>; Butcher, Amy <amy.butcher@tc.gc.ca>; McCloskey, Shane <shane.mccloskey@tc.gc.ca>; Hill, Miled <Miled.Hill@tc.gc.ca>; 'Garneau, Marc - Personnel' [REDACTED] Roy, Marc <marc.roy@tc.gc.ca>
Cc: Little, Jennifer <jennifer.little@tc.gc.ca>; Arcand, Annie <annie.arcand@tc.gc.ca>; Phillips, Alyssa <alyssa.phillips@tc.gc.ca>; Roy, Melanie <melanie.roy@tc.gc.ca>; Keenan, Michael <michael.keenan@tc.gc.ca>
Subject: Coronavirus update // Feb 3 PM

Minister, colleagues,

Attached is this evening's coronavirus update.

Thank you
J

Jimmy M. Brackenridge

Director, Strategic Services

Executive Office

Transport Canada / Government of Canada

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Please feel free to respond in the official language of your choice/ N'hésitez pas à répondre dans la langue officielle de votre choix

To: McCrorie, Aaron[aaron.mccrorie@tc.gc.ca]; Keenan, Michael[michael.keenan@tc.gc.ca]; Roy, Marc[marc.roy@tc.gc.ca]; McCloskey, Shane[shane.mccloskey@tc.gc.ca]; Hill, Miled[Miled.Hill@tc.gc.ca]; Brackenridge, Jimmy[jimmy.brackenridge@tc.gc.ca]; Brosseau, Kevin[Kevin.Brosseau@tc.gc.ca]; Benjamin, Kim[kim.benjamin@tc.gc.ca]; Hanson, Lawrence[lawrence.hanson@tc.gc.ca]; Stacey, Colin[colin.stacey@tc.gc.ca]; Johnson, Nora[nora.johnson@tc.gc.ca]; Phillips, Alyssa[alyssa.phillips@tc.gc.ca]
From: Garneau, Marc - Personnel
Sent: Sun 2020-02-02 3:26:35 PM
Importance: Normal
Subject: Re: Chinese Flights
MAIL_RECEIVED: Sun 2020-02-02 3:26:29 PM

thanks Aaron

From: McCrorie, Aaron <aaron.mccrorie@tc.gc.ca>
Sent: February 2, 2020 3:24 PM
To: Keenan, Michael; Garneau, Marc Personnel; Roy, Marc; McCloskey, Shane; Hill, Miled; Brackenridge, Jimmy M :TC; Brosseau, Kevin; Benjamin, Kim :TC; Hanson, Lawrence; Stacey, Colin :TC; Johnson, Nora :TC; Phillips, Alyssa
Subject: Chinese Flights

Minister / Deputy,

We have heard from the TSA that carriers are cancelling direct flights from China to the U.S.. But open sources (various booking sites, airport and airline sites) are still showing direct scheduled flights and arrivals from China to the U.S. This may reflect a lag in updating various websites and booking tools as the decision takes hold.

So we are reaching out to the TSA for further confirmation. It is pending.

In addition, some airlines (e.g. Air China) have indicated that they are cancelling flights to other destinations with similar restrictions (e.g. Singapore and Australia)

I'm sorry we could not be more definitive.

Aaron

Aaron J. McCrorie

Associate Assistant Deputy Minister, Safety and Security (AA)

Transport Canada, Government of Canada

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Benoit, Natalie

From: Garneau, Marc - Personnel [REDACTED]
Sent: Saturday, February 01, 2020 7:39 PM
To: Keenan, Michael; Roy, Marc; Butcher, Amy; McCloskey, Shane; McCrorie, Aaron; Brosseau, Kevin; Brackenridge, Jimmy; Benjamin, Kim; Roy, Jacqueline
Subject: Re: DM Call: Coronavirus - follow up

Thanks

Sent from my BlackBerry 10 smartphone on the Rogers network.

From: Keenan, Michael
Sent: samedi 1 février 2020 6:35 PM
To: Roy, Marc; Garneau, Marc - Personnel; Butcher, Amy; McCloskey, Shane; McCrorie, Aaron :TC; Brosseau, Kevin; Brackenridge, Jimmy M :TC; Benjamin, Kim :TC; Roy, Jacqueline
Subject: FW: DM Call: Coronavirus - follow up

Useful summary of reporting on Corona from PCO, FYI

From: MacKillop, Ken [mailto:Ken.MacKillop@pco-bcp.gc.ca]
Sent: Saturday, February 01, 2020 6:17 PM
To: Pham, Thao <Thao.Pham@pco-bcp.gc.ca>; 'monik.beauregard@canada.ca'; Setlakwe, Lisa <Lisa.Setlakwe@pco-bcp.gc.ca>; Schwendt, Steven <Steven.Schwendt@pco-bcp.gc.ca>; Rigby, Vincent <Vincent.Rigby@pco-bcp.gc.ca>; Xavier, Caroline: PCO <Caroline.Xavier@pco-bcp.gc.ca>; 'rob.stewart@canada.ca'; 'Paul.MacKinnon@cbsa-asfc.gc.ca'; 'francois.daigle@justice.gc.ca' <francois.daigle@justice.gc.ca>; 'jody.thomas@forces.gc.ca'; 'marta.morgan@international.gc.ca'; 'tina.namiesniowski@canada.ca'; Keenan, Michael <michael.keenan@tc.gc.ca>; Morrison, David <David.Morrison@pco-bcp.gc.ca>; Fox, Christiane <Christiane.Fox@pco-bcp.gc.ca>; 'stephen.lucas@canada.ca'; 'JODY.THOMAS@forces.gc.ca' <JODY.THOMAS@forces.gc.ca>; 'CDSCalendar@forces.gc.ca' <CDSCalendar@forces.gc.ca>; Nathalie.G.Drouin@justice.gc.ca
Subject: RE: DM Call: Coronavirus follow up

Good afternoon, just received this summary from my media monitoring team. Please note the international travel element:

INTERNATIONAL TRAVEL

- The WHO said Friday that borders should be kept open and people and trade flowing, as 62 countries have implemented some form of immigration control on Chinese citizens.
- **Singapore** said it was suspending entry to travelers with a recent history of travel to China and suspending visas for Chinese passport holders.
- **Mongolia** said on Friday that it would close its border with China until March 2 in an effort to prevent the virus from being imported.
- **El Salvador** has announced blanket restrictions on people who have recently been in China, while **Costa Rica** said they will monitor transit points such as airports, but for now will allow Chinese travelers to enter the country.
- **Russia** announced Saturday it would start evacuating its citizens next week. As of Friday, Deputy PM Tatiana Golikova told reporters that all direct flights to China from Russia have been halted and Russian citizens are prohibited from crossing the border with Mongolia.

- **Myanmar** turned back a China Southern flight from Guangzhou after one of the passengers was found with flu symptoms similar to the coronavirus.
- **Pakistan** temporarily suspended all direct flights with China until Feb 2, while **Guatemala** is imposing blanket travel restrictions on people who have recently been in China.
- **American** and **Delta** airlines said Friday that they are suspending flights to China due to the new coronavirus. American said its suspension will last through March 27, while Delta said its suspension will start Feb. 6 and last through April 30.
- **Turkish Airlines** has suspended all flights to and from mainland China and is redirecting four flights currently in the air back to Istanbul.
- **Vietnam Airlines** will suspend its flights to destinations in China from next week.
- **Hong Kong** leader Carrie Lam has resisted pressure to completely shut down the border with mainland China, saying it was not the answer to stem the spread of a virus.
- (**Reuters**) Pilots and flight attendants are demanding airlines stop flights to China, with American Airlines' pilots filing a lawsuit seeking an immediate halt.
- (**CTV**) **Anne Marie Thomas**, an insurance expert at InsuranceHotline.com, says the outbreak highlights the need for travel insurance, which she says can help cover some of the additional costs if a planned trip has to be cancelled at the last-minute.
- (**Reuters**) **Australia** followed suit, with Prime Minister **Scott Morrison** saying the country will deny entry to all foreign nationals traveling from mainland China from Saturday.
- **Japan** said it will ban all foreigners who have been in the Chinese province at the center of the outbreak.

SUMMARIES

CHINA

- (**National A1's + CTV, Global, CBC, TVA, Dev, SRC + Multiple International Reports**) As of Saturday, **259 people have died** from the Coronavirus, and the **number of people infected** reached **11,791**.
- China has announced that it has arranged chartered flights to bring Wuhan residents who were overseas back to Wuhan.
- Citing the "practical difficulties recently encountered" by residents abroad, the Foreign Affairs Ministry said Friday that **evacuations would begin as soon as possible**.
- China's Premier **Li Keqiang** has asked the European Union to facilitate China's urgent procurement of medical supplies from member countries, the Chinese government said Saturday
- Critiqué par de nombreux Chinois, qui accusent les autorités d'avoir **tardé à publier des informations** sur le virus, le principal responsable politique de Wuhan a avoué se reprocher d'avoir ordonné trop tardivement des restrictions aux déplacements.
- (**Reuters**) The central province of **Hubei**, the center of the epidemic, remains under a virtual quarantine, with roads sealed off and public transport shut down. Elsewhere in China, authorities have placed restrictions on travel and business activity.

- The northern city of **Tianjin**, home to some 15 million, suspended all schools and businesses until further notice

CANADA

- Public health officials in Canada confirmed another person tested positive for coronavirus on Friday, bringing the **total number of confirmed cases in Canada to four** — three in Ontario and one in BC.
- The most recent case is a woman in her 20s who attends university in London, Ont. She tested positive for the virus after returning from a trip to Wuhan, China, on Jan. 23, Ontario public health officials said on Friday.
- Speaking Saturday morning at Lunar New Year Celebration in Toronto, Prime Minister **Justin Trudeau** urged Canadians to stay united and **warned against the rise of discrimination** as fears of the coronavirus spread. "There is no place in our country for discrimination driven by fear or misinformation," Trudeau said.
- The GC has not yet released details of plans for the transport and quarantine of Canadians airlifted out of China.
- **François-Philippe Champagne** spoke with his Chinese counterpart Thursday night, with a readout from his office noting that Foreign Minister **Wang Yi** responded positively to Champagne's request for collaboration in helping Canadians who want to depart the region.
- Champagne's office said he also raised the cases of **Michael Kovrig** and **Michael Spavor** with Wang during the call.
- PM Trudeau spoke with President Trump Friday, with the two also discussing both the coronavirus and the Canadians detained in China, for which a PMO readout said Trudeau thanked Trump for the continuing support of the US.
- Speaking in Montreal Friday morning, PM Trudeau said of efforts to evacuate the 196 Canadians who have asked for help that "it is a **deliberate process** in which we are engaged responsibly."
- Trudeau also said "we will continue to work with the international community to ensure that the threat remains low across Canada, and indeed as much as we can across the world."
- Health Minister **Patty Hajdu** declined to declare a public health emergency Friday, telling CBC that Canada was closely following the guidelines of the World Health Organization.
- In an interview with The West Block, Minister **Patty Hajdu** said the GC is weighing its next steps but will not do anything out of sync with the recommendations from public health officials, including whether the situation warrants a quarantine.
- Hajdu said the GC would focus on making sure any Canadians who may become sick and are barred from leaving China get access to adequate medical care, adding she is confident in the way China is handling the outbreak so far.
- Chief Public Health Officer **Theresa Tam** declined to say where or how long Canadian evacuees should be quarantined – or whether they should be quarantined at all, with reports noting that some countries are quarantining evacuees for up to 14 days.
- GAC spokesperson **Angela Savard** said that the GC has already **begun evacuating** the oldest and youngest family members of diplomats in mainland China, including people with existing medical conditions, the elderly, school-age children and younger and guardians.

- The patient with Canada's first confirmed case has been **discharged** from a hospital in Toronto, which noted his status continuing to improve.
- **BC's** provincial health officer said Friday that 114 samples have been tested, but there has only been one positive result in the province, whom officials said was doing well at home.
- **(CBC)** Meanwhile, the CBC draws attention to Massie Beveridge, who is calling into question the safeguards to prevent the spread of coronavirus after he was "**waved**" **though Pearson International Airport** even after reporting symptoms of a nasty cold to a border security agent.
- Beveridge - a retired general surgeon - said he was given a handout and told that he may "call public health if you like," and was subsequently waved through.
- He said that despite feeling ill and presenting symptoms, no one came to interview him and no one even bothered to take his temperature.

INTERNATIONAL

- About 100 cases been reported in at least 24 countries outside of mainland China, with Spain reporting its first detected case Saturday.

UNITED STATES

- The US on Saturday **confirmed an 8th case** of the coronavirus in the country, in a student at the University of Massachusetts who had recently returned from Wuhan.
- The US late Thursday issues a **Level 4 warning** regarding travel to China - the highest level which urges Americans to complete avoid travel to China.
- The **State Department** issued the travel advisory telling Americans not to travel to China because of the public health threat posed by the virus.
- The Trump administration then declared the coronavirus a **public health emergency** in the US on Friday.
- HHS Secretary **Alex Azar** announced that President Trump signed an order for the US to **deny entry** to foreign nationals who have traveled to China within the past two weeks as of 5pm ET on Sunday.
- Azar told reporters that any US citizens who have been in China's Hubei province within the last 14 days "will be subject to up to **14 days of mandatory quarantine,**" while those returning from the rest of mainland China within the previous 14 days will undergo proactive screening.
- China's Foreign Ministry issued a statement condemning the State Department's alarm and Sec. Wilbur Ross's recent comments as "**neither factual, nor appropriate.**"
- Citing a study published in the New England Journal of Medicine Thursday, Dr. **Anthony Fauci**, director of the National Institute for Allergy and Infectious Diseases, said Friday "there's no doubt after reading this paper that **asymptomatic transmission is occurring.**"
- Chinese health authorities said earlier this week the Wuhan coronavirus could be spread while people were asymptomatic, but the US Centers for Disease Control and Prevention said it had not seen evidence of that.
- The CDC has listed **241 patients under investigation** in 36 states. Seven have tested positive, 114 negative, and 121 are still pending.
- One passenger who was onboard the evacuation flight from Wuhan told CNN the CDC mandated 14 day quarantine "is a very good thing."

INTERNATIONAL EVACUATIONS

- L'avion dans lequel se trouvent les **Français** rapatriés de Wuhan a atterri à Istres, annonce vendredi l'Armée de l'air. Les quelque 200 personnes à bord ne présentent aucun symptôme mais seront placées **14 jours en quarantaine** dans un centre de vacances.
- **German** Foreign Minister Heiko Maas said that a German military plane would be leaving for China shortly to evacuate more than 100 German citizens. Maas said the plane would arrive in Germany on Saturday and the evacuees would be kept in quarantine for two weeks.
- **(PC)** Le nombre de **ressortissants** ayant réclamé l'aide d'Ottawa pour revenir au Canada a encore augmenté. Ils étaient **295 à avoir contacté le GC** vendredi, alors qu'en début de semaine, ils n'étaient que 2. Le gouvernement n'a toutefois pas encore expliqué les modalités de ce rapatriement ni indiqué si les ressortissants canadiens seraient mis en quarantaine lors de leur retour au pays.

INTERNATIONAL TRAVEL

- The WHO said Friday that borders should be kept open and people and trade flowing, as 62 countries have implemented some form of immigration control on Chinese citizens.
- **Singapore** said it was suspending entry to travelers with a recent history of travel to China and suspending visas for Chinese passport holders.
- **Mongolia** said on Friday that it would close its border with China until March 2 in an effort to prevent the virus from being imported.
- **El Salvador** has announced blanket restrictions on people who have recently been in China, while **Costa Rica** said they will monitor transit points such as airports, but for now will allow Chinese travelers to enter the country.
- **Russia** announced Saturday it would start evacuating its citizens next week. As of Friday, Deputy PM Tatiana Golikova told reporters that all direct flights to China from Russia have been halted and Russian citizens are prohibited from crossing the border with Mongolia.
- **Myanmar** turned back a China Southern flight from Guangzhou after one of the passengers was found with flu symptoms similar to the coronavirus.
- **Pakistan** temporarily suspended all direct flights with China until Feb 2, while **Guatemala** is imposing blanket travel restrictions on people who have recently been in China.
- **American** and **Delta** airlines said Friday that they are suspending flights to China due to the new coronavirus. American said its suspension will last through March 27, while Delta said its suspension will start Feb. 6 and last through April 30.
- **Turkish Airlines** has suspended all flights to and from mainland China and is redirecting four flights currently in the air back to Istanbul.
- **Vietnam Airlines** will suspend its flights to destinations in China from next week.
- **Hong Kong** leader Carrie Lam has resisted pressure to completely shut down the border with mainland China, saying it was not the answer to stem the spread of a virus.
- **(Reuters)** Pilots and flight attendants are demanding airlines stop flights to China, with American Airlines' pilots filing a lawsuit seeking an immediate halt.
- **(CTV) Anne Marie Thomas**, an insurance expert at InsuranceHotline.com, says the outbreak highlights the need for travel insurance, which she says can help cover some of the additional costs if a planned trip has to be cancelled at the last-minute.

- **(Reuters) Australia** followed suit, with Prime Minister **Scott Morrison** saying the country will deny entry to all foreign nationals traveling from mainland China from Saturday.
- **Japan** said it will ban all foreigners who have been in the Chinese province at the center of the outbreak.

INTERNATIONAL RESPONSE

- The **European Commission** announced Friday that it will grant \$11 million from its research and innovation program Horizon 2020 for coronavirus research, and launched an emergency request for expressions of interest.
- The **Italian** government has declared a state of emergency to fast-track efforts to prevent the spread of a deadly coronavirus strain after two cases were confirmed in Rome.
- **Germany's** research minister said she expected a vaccine for coronavirus to be developed within months, while **France's** Pasteur Institute Foundation has set up a taskforce aimed at developing a vaccine in 20 months.
- North Korean leader **Kim Jong Un** sent a letter to Chinese President **Xi Jinping** offering condolences about the coronavirus outbreak in China, North Korean state news agency KCNA reported on Saturday.

MISINFORMATION

- Amid reports of widespread misinformation about the virus on social media, **Facebook** on Thursday said it was taking several steps to prevent such information, including removing "content with false claims or conspiracy theories that have been flagged by leading global health organizations and local health authorities that could cause harm to people who believe them."
- The company also said that when its third-party fact checkers rate information as false, that information's spread will be limited on Facebook and Instagram, and users will be shown accurate information instead.
- The move by Facebook comes after **Twitter** on Wednesday made changes to its algorithm to prioritize results from reputable health organizations.
- Le réseau **TVA** a refusé une demande du ministère de la Santé et des Services sociaux (MSSS) pour placer un avertissement à l'intérieur de la série de fiction Épidémie visant à éviter toute confusion avec la propagation du coronavirus. TVA a expliqué que "le Réseau ne souhaite pas associer la fiction à une situation réelle".
- **(TechRadar)** Security firms have detected multiple email **malware campaigns**, which use coronavirus as a hook to try and get victims to open infected messages, often mimicking official notifications from public health centers.

ECONOMIC IMPACT

- **(CTV) Apple** is temporarily closing stores, corporate offices and contact centres in China until Feb. 9 "out of an abundance of caution and based on the latest advice from leading health experts," the company said in a statement.
- Worries about the outbreak are weighing on the stock market, dragging the Dow more than 500 points lower.
- **(JM)** Les voyageurs touchés par l'imposition de restrictions de voyage pour cause de propagation de l'épidémie du coronavirus pourraient se faire rembourser auprès de leur fournisseur, a indiqué par communiqué jeudi l'**Office de la protection du consommateur**.
- **(lapresse.ca)** Malgré les mises en garde de l'OMS, qui juge contre-productives les limitations sur le commerce avec la Chine et les voyages dans le pays, maints

gouvernements ont annoncé vendredi l'adoption de nouvelles mesures visant à limiter leurs échanges avec le géant asiatique.

- **(Reuters)** The virus impact prompted **Capital Economics** to almost halve its estimate for first-quarter growth to 3% from 5.7%. **China's central bank** said the impact was temporary and economic fundamentals remained sound, but it would increase monetary and credit support, including lowering lending costs for affected companies.

VACCIN

- **(SRC)** Les chercheurs travaillent actuellement sur plusieurs pistes pour trouver un **vaccin**, notamment à partir de ce qu'ils ont appris au moment de crise du SRAS en 2003. Un **laboratoire de l'Université de Saskatchewan**, qui a déjà créé avec succès des vaccins contre les souches de coronavirus liées aux animaux d'élevage, a reçu l'autorisation de l'Agence de la santé publique du Canada pour effectuer des tests. Il faudra attendre plusieurs mois avant de trouver un vaccin affirment les chercheurs.

To: Keenan, Michael[michael.keenan@tc.gc.ca]
Cc: Marc Garneau (Parl)[redacted] Roy, Marc[marc.roy@tc.gc.ca]; McCloskey, Shane[shane.mccloskey@tc.gc.ca]; Butcher, Amy[amy.butcher@tc.gc.ca]; Hill, Miled[Miled.Hill@tc.gc.ca]; Little, Jennifer[jennifer.little@tc.gc.ca]
From: Garneau (personal account), Marc
Sent: Mon 2020-01-27 7:51:36 AM
Importance: Normal
Subject: Re: Coronavirus
MAIL_RECEIVED: Mon 2020-01-27 7:51:38 AM

Thank you Michael
This is helpful
Marc

Sent from my iPhone

On Jan 27, 2020, at 8:42 AM, Keenan, Michael <michael.keenan@tc.gc.ca> wrote:

Minister,

Here are the answers to the outstanding questions from our call yesterday:

There are no direct flights from Wuhan to Canada, but what Chinese City with direct flights to Canada is closest to Wuhan, and how far away is it?

There were no direct flights from Wuhan to Canada. Before the quarantine, travelers used to take a train to Beijing or another City with direct service to Canada, or connect through a Chinese or Asian airport. Even with indirect flight paths, travel volume from Wuhan was very low.

Direct flights to Canada from China are from Shanghai, Beijing, Guangzhou, Shenzhen, Qingdao, Xiamen and Nanjing.

The closest of these cities to Wuhan is Nanjing, which is a 6h 22 minute drive.

Have all domestic and International flights from Wuhan stopped? (I think the answer to this is yes).

Yes. China has issued a travel ban (into and out of Wuhan) as of late last week. GAC mission reporting from Friday confirms this:

Flights from Wuhan: Flight tracking software indicate that on Jan 23, approximately 70 flights left Wuhan. Most of them before 10 am. Destinations outside mainland China include Paris, Bangkok, Tokyo, Kalibo in the Philippines, Sihanoukville (city) in Cambodia, Alaska (Cargo), and Hong Kong. **On January 24th, there are only 1 or 2 flights that left Wuhan, one to Cambodia and possibly another to Indonesia.**

Flights departing Wuhan are now be down to zero.

Latest News

The numbers infected in China continue to increase, as reported from various sources.

The one significant material development that broke just minutes ago is there is a second presumptive case in Ontario. The spouse of the first case:

<https://www.cbc.ca/news/canada/toronto/coronavirus-wuhan-ontario-second-case-1.5441401>

Michael

Michael Keenan
Deputy Minister Sous ministre
Transport Canada Transports Canada
1 613 990 4507
michael.keenan@tc.gc.ca

Benoit, Natalie

From: Keenan, Michael
Sent: Saturday, January 25, 2020 6:58 PM
To: Butcher, Amy
Cc: Roy, Marc; Garneau (personal account), Marc; Brosseau, Kevin; McCrorie, Aaron; Little, Jennifer; Benjamin, Kim
Subject: Re: Coronavirus

Agreed.

We had discussed lines but this is evolving.

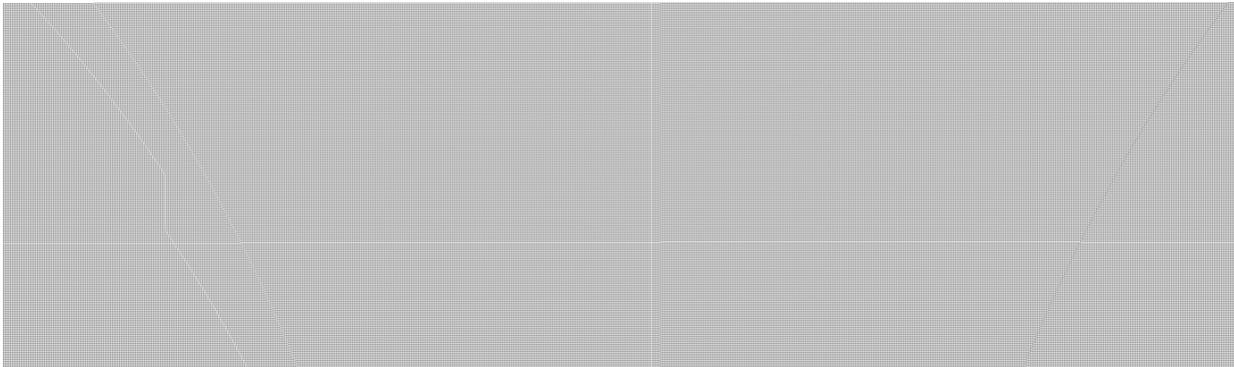
PHAC is the lead on all these answers, as they use their expertise and authorities like Quarantine Act to determine the path forward and the answers. They are connected with the airlines. We can send all enquires to PHAC

Kim is checking in with PHAC now, and will share the update.

Michael Keenan
Deputy Minister - Sous-ministre
Transport Canada -Transports Canada
1-613-990-4507
michael.keenan@tc.gc.ca

On Jan 25, 2020, at 6:14 PM, Butcher, Amy <amy.butcher@tc.gc.ca> wrote:

Reporters at PHAC press conference are focussing on the flight the patient was on. And whether they have alerted other passengers



Sent from my iPhone

On Jan 25, 2020, at 4:42 PM, Keenan, Michael <michael.keenan@tc.gc.ca> wrote:

No. Not at this time. But we are watching closely

Michael Keenan
Deputy Minister - Sous-ministre

Transport Canada Transports Canada
1 613 990 4507
michael.keenan@tc.gc.ca

On Jan 25, 2020, at 4:36 PM, Roy, Marc <marc.roy@tc.gc.ca> wrote:

Any actionable items for TC?

Sent from my iPhone

On Jan 25, 2020, at 4:32 PM, Keenan, Michael
<michael.keenan@tc.gc.ca> wrote:

I just came off a call with PHAC. It looks like there is a confirmed case in Ontario. Person is in the hospital and proper protocols were applied.

Plan is for an announcement around 5 pm or so. N

Michael Keenan
Deputy Minister Sous ministre
Transport Canada Transports Canada
1 613 990 4507
michael.keenan@tc.gc.ca

Ouellette, Marie Josée

From: Roy, Marc
Sent: Thursday, January 30, 2020 4:12 PM
To: Keenan, Michael
Cc: Garneau, Marc - Personnel; McCrorie, Aaron; Brackenridge, Jimmy
Subject: Re: IRG is confirmed for around 2 pm Friday

We have to official invite. All good.

My only question is regarding the secure phone. Will the minister just unlock it at wait for a call?

Sent from my iPhone

On Jan 30, 2020, at 4:10 PM, Keenan, Michael <michael.keenan@tc.gc.ca> wrote:

More precision. 30 minute IRG call starting at 2:50 pm.

Thinking is that PM and Ministers on their secure phones and officials and staff in room 400 on a secure phone with speaker attached.

Michael Keenan
Deputy Minister - Sous-ministre
Transport Canada - Transports Canada
[1-613-990-4507](tel:1-613-990-4507)
michael.keenan@tc.gc.ca

On Jan 30, 2020, at 3:38 PM, Garneau, Marc - Personnel <[REDACTED]> wrote:

Copy thanks Mike

Sent from my BlackBerry 10 smartphone on the Rogers network.

Original Message
From: Keenan, Michael
Sent: jeudi 30 janvier 2020 3:37 PM
To: Garneau, Marc - Personnel; Roy, Marc; McCrorie, Aaron :TC
Subject: IRG is confirmed for around 2 pm Friday

It will be done thru secure mobile phone. So Minister you will need your phone with U Friday.

Michael Keenan
Deputy Minister - Sous-ministre
Transport Canada - Transports Canada
[1-613-990-4507](tel:1-613-990-4507)<<tel:1-613-990-4507>>
michael.keenan@tc.gc.ca<<mailto:michael.keenan@tc.gc.ca>>

Ouellette, Marie Josée

From: Garneau, Marc - Personnel <[REDACTED]>
Sent: Thursday, January 30, 2020 4:14 PM
To: Keenan, Michael
Cc: Roy, Marc; McCrorie, Aaron; Brackenridge, Jimmy
Subject: Re: IRG is confirmed for around 2 pm Friday

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Michael Keenan
Deputy Minister - Sous-ministre
Transport Canada Transports Canada
1 613 990 4507<tel:1 613 990 4507>
michael.keenan@tc.gc.ca<mailto:michael.keenan@tc.gc.ca><mailto:michael.keenan@tc.gc.ca>

Ouellette, Marie Josée

From: Roy, Marc
Sent: Sunday, February 09, 2020 3:58 PM
To: Keenan, Michael
Cc: Marc Garneau (Parl); Little, Jennifer
Subject: Re: IRG on coronavirus may be shifting

I have my secure phone with me so we'll await a final invite

Sent from my iPhone

On Feb 9, 2020, at 3:48 PM, Keenan, Michael <michael.keenan@tc.gc.ca> wrote:

Minister,

We had a DM call on the Coronavirus this afternoon. No major surprises. CANADA2 is on schedule at this time. By all accounts the flight will be just about full.

Officials are now fully engaged in scenario planning in terms of what Canada does should the global or Canadian situation change suddenly. TC is fully plugged into that – Aaron is our lead.

The word is the time of the IRG scheduled for tomorrow will likely change – probably to Tuesday, but nothing confirmed. Somebody suggested it would be on unclassified phone lines, but I would not be surprised if changed as well. You or Marc may want to bring your secure phone with you.

You may be interested to know that we just lent our Director of Aviation Medicine, Samantha Wilson Clarke, to PHAC to help direct work at Trenton. She is a nurse, and experienced in public health issues and emergencies, so this is helping them with critically needed capacity as Trenton prepares to manage about 500 people in Quarantine. After CANADA2, Trenton will be maxed in terms of its capacity.

Michael

Michael Keenan
Deputy Minister / Sous ministre
Transport Canada / Transports Canada

1 613 990 4507
michael.keenan@tc.gc.ca

Ouellette, Marie Josée

From: Roy, Marc
Sent: Sunday, February 09, 2020 4:32 PM
To: Garneau, Marc Personnel
Cc: Keenan, Michael; Little, Jennifer
Subject: Re: IRG on coronavirus may be shifting

I have mine ministre so there is no need.

Sent from my iPhone

On Feb 9, 2020, at 4:29 PM, Garneau, Marc - Personnel [redacted] wrote:

Copy. Will bring phone

Envoyé de mon smartphone BlackBerry 10 sur le réseau Rogers.

De: Keenan, Michael
Envoyé: dimanche 9 février 2020 4:19 PM
À: Garneau, Marc - Personnel; Roy, Marc
Cc: Little, Jennifer :TC
Objet: RE: IRG on coronavirus may be shifting

Not for CANADA2: In the end they abandoned that option and decided it is better to keep everybody at Trenton.

The CAF is currently working on scenarios to use other locations if they have to host more than 500 people at a time in quarantine. I assume they are looking at NAVCAN for that, but they may also be looking at another military base. They are pushing to have something soon so they can respond if the government decides for example it needs to operate a third major rescue flight -- or even more under our new scenario planning exercise.

From: Garneau, Marc Personnel [mailto:[redacted]]
Sent: Sunday, February 09, 2020 4:16 PM
To: Keenan, Michael <michael.keenan@tc.gc.ca>; Roy, Marc <marc.roy@tc.gc.ca>
Cc: Little, Jennifer <jennifer.little@tc.gc.ca>
Subject: Re: IRG on coronavirus may be shifting

Copy Michael.

Is Navcan option for accomodation still under consideration?

Envoyé de mon smartphone BlackBerry 10 sur le réseau Rogers.

De: Keenan, Michael
Envoyé: dimanche 9 février 2020 3:48 PM
À: Garneau, Marc - Personnel; Roy, Marc
Cc: Little, Jennifer :TC
Objet: IRG on coronavirus may be shifting

Minister,

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Michael

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