



**Beyond, Every Day.**

Mail: PO Box 44638, YVR Domestic Terminal RPO  
Richmond, BC V7B 1W2 CANADA

**MINUTES OF REGULAR MEETING**

<b>Aeronautical Noise Management Committee (ANMC)</b>
Thursday 21 February 2019 - 1:00PM Vancouver International Airport, Link Boardroom 1

**Those in attendance were:**

- |                       |                |                                                 |
|-----------------------|----------------|-------------------------------------------------|
| <b>Chairperson:</b>   | Marion Town    | Director Environment, YVRAA                     |
| <b>Secretariat:</b>   | Rachel Min     | Environmental Analyst, YVRAA                    |
| <b>Admin Support:</b> | Marina Miller  | Environment Co-op Student, YVRAA                |
| <b>Participants:</b>  | Gary Abrams    | City of Richmond (citizen representative)       |
|                       | Arvind Sharma  | City of Richmond (citizen representative)       |
|                       | John Hopkins   | City of Richmond (staff)                        |
|                       | Ron Sorensen   | City of Surrey (citizen representative)         |
|                       | Meg Brown      | City of Vancouver (citizen representative)      |
|                       | Alena Straka   | City of Vancouver (staff)                       |
|                       | Paula Kolisnek | City of Delta (staff)                           |
|                       | Terry Hiebert  | Floatplane Operators Association                |
|                       | Mary Point     | Manager Indigenous Relations, YVRAA             |
|                       | Mark Cheng     | Supervisor Noise Abatement & Air Quality, YVRAA |
| <b>Guests:</b>        | Dave Harkness  | City of Surrey (staff)                          |
|                       | Matt Strolz    | NAV CANADA – Area Control Centre                |
|                       | Kyle Galbraith | Manager Air Service Development, YVRAA          |

Next ANMC Meeting: <b>27 June 2019</b>	
<b>Rachel Min</b>	<b>6 March 2019</b>
_____ Secretariat Signature	_____ Date

## 1.0 INTRODUCTIONS AND ADOPTION OF AGENDA

Marion Town welcomed members and guests and reviewed the meeting agenda.

The following new members and guest were introduced:

- Arvind Sharma – City of Richmond (citizen representative) – new member
- Dave Harkness – City of Surrey (staff) – guest, attending for Philip Huynh
- Matt Strolz – NAV CANADA (Area Control Centre) – guest, attending for Greg Dansereau
- Kyle Galbraith – Manager Air Service Development, YVRAA – guest, presenter
- Marina Miller – Environment Co-op Student, YVRAA – guest, admin support

## 2.0 2019 PASSENGER FORECASTS

Marion introduced Kyle Galbraith (Manager Air Service Development, YVRAA), who was invited to the meeting to share information on the 2019 passenger forecast.

YVR has experienced rapid growth over the past five years, adding 8 million passengers over this period. In 2018, 25.9 million passengers travelled through YVR, and further growth is anticipated in 2019 for all sectors - domestic, transborder, and international. Overall, the Airport Authority is currently forecasting an approximate 5% increase in passenger growth for 2019.

Based on the average hourly movement of passengers at YVR, the passenger movements typically start to increase around 6 AM with peak periods experienced in the afternoon. While this resembles the passenger movement trends observed at other Westcoast hub airports such as San Francisco International Airport (SFO) and Seattle-Tacoma International Airport (SEA), SFO and SEA also experience peak periods throughout the evening hours. This is in large part due to continental location and connecting to both domestic and international destinations and origins.

To support the travel and business demands of the region, the Airport Authority's strategic plan is to develop YVR as a world-class connecting hub; improving in the Asia-to-Americas connection market compared to other major US and Canadian airports. As YVR continues to grow as a hub airport, potential growth is anticipated in the evening hours over the next five years, like that experienced at SFO and SEA.

Staff representatives from local cities requested forecast information be shared with local councils on a regular basis and for the Airport Authority, local governments, and NAV CANADA to work together to minimize impacts associated with growth, especially in the evening periods.

NOTE: All charts and information discussed and shared at the meeting were based on passenger movement forecasts not aircraft movements, due to the complexities and variables associated with building a forecast based on aircraft movements. It should be noted that the increase in passengers has historically always been higher than the increase in aircraft movements – for example, passenger movements experienced an increase of 7.3% between 2017 and 2018, whereas aircraft movements experienced a 2.2% increase over the same period.

## 3.0 2018 YEAR END REVIEW

Rachel Min provided a summary of 2018 year end statistics for aircraft movement, passengers, and noise concerns.

In 2018, YVR welcomed a record of 25.9 million passengers and accommodated about 338,000 aircraft movements (including runway and non-runway movements). This represents a 7.3% increase in the passenger numbers but only a 2.2% increase in the aircraft movements compared to 2017. The number of passengers continues to grow at a much faster rate than aircraft

movements, which has been the trend observed at YVR over the past several years. This indicates that operators are moving passengers more efficiently per each aircraft movement.

Between 2017 and 2018:

- Helicopter movements experienced an approximate increase of 2.4%
- Floatplane movements experienced an approximate increase of 1.6%
- Propeller runway movements experienced an approximate decrease of 3.6%
- Business jet runway movements experienced an approximate decrease of 3.2%
- Narrow body jet runway movements experienced an approximate increase of 10.6%
- Widebody jet runway movements experienced an approximate decrease of 1%

YVR has always been open 24 hours. In 2018, approximately 9,785 aircraft runway movements occurred between the hours of midnight and 6 AM compared to 9,886 in 2017 (a 1% decrease). Runway movements between midnight and 6AM accounted for 3% of the total annual runway movements in 2018, which equates to an average of approximately 28 movements per night. Approximately 52% of runway movements between midnight and 6 AM were arrivals.

920 concerns were received from 250 individuals in 2018, which was a decrease compared to the previous year where 1,293 concerns were registered by 253 individuals. About 50% (n=457) of total concerns received in 2018 were registered by three individuals.

#### 4.0 AIRSIDE CAPACITY MASTER PLAN

Mark Cheng provided information preliminary work on the YVR Airside Capacity Master Plan.

The project team for this work was recently formed and includes representatives from various departments within the Airport Authority as well as representatives from NAV CANADA. A multi-year work plan is being developed and the objective is to identify and assess short, medium, and long-term options to enhance capacity. Options to be assessed will include things such as airfield infrastructure (e.g. new taxiways, high speed exits, etc.) and procedures (e.g. early turns for slow propeller aircraft, RNP, etc.).

As options that could result in changes to the noise exposure or operations are developed they will be brought forward for discussions with the ANMC.

#### 5.0 2019 WORK PLAN

Mark provided updates on the key work initiatives planned for 2019.

##### **ANOMS Support and Upgrade Plan**

The Airport Authority is working on a multi-year support and upgrade capital plan for the Aircraft Noise and Operations Monitoring System (“ANOMS”). This work will address Initiative #5 identified in the new 2019-2023 YVR Noise Management Plan.

The multi-year upgrade plan will assess replacement of the current noise monitoring terminals (“NMTs”) with new units, add new NMTs to the network, and look at options for enhanced community engagement and web tools. If the plan is approved, budget may be available to begin work in 2020.

To support request for additional NMTs, Airport Authority will work to identify possible sites this year. An acoustical consulting firm will be engaged to complete this work and it is anticipated that work will occur in the second and third quarters, with the final report and recommendations available in the fourth quarter of 2019. The Airport Authority will share the draft scope of work with the ANMC and will invite input.

### **Improvement to Online Resources**

Over the next few years, Airport Authority staff will work to convert the noise management factsheets (available in PDF format on the YVR website) to video format to help make them more accessible and engaging. ANMC members were asked to review the currently available factsheets and to provide input on which ones to prioritize in the conversion. The factsheets can be found on the Noise FAQ page - <http://www.yvr.ca/en/about-yvr/noise-management/noise-faqs>.

### **Customized Reports for ANMC**

Airport Authority staff will work with city staff and citizen representatives on the ANMC to develop customized reports for their communities. The objective of these reports is to better assist city staff and citizen representatives in understanding concerns from their areas and take forward such information into community planning and design.

A questionnaire will be developed in the second quarter of 2019 to solicit input on the content and frequency of reports. The draft reports will be distributed for review and feedback in the third quarter.

## **6.0 Q1 – 2019 REPORT**

Rachel reviewed the Q1 report, covering the period between January 1 and February 15, 2019. During this period, the Airport Authority received a total of 147 concerns from 28 individuals. This represents a 93% increase in the number of complaints and a 39% decrease in the number of individuals compared to the same period in 2018. Of the 147 concerns, 89% (n=131) were received from residents in Richmond, and approximately 50% of the concerns from Richmond were registered by one individual.

## **7.0 OTHER BUSINESS**

### **a. Noise Management Plan**

Mark advised that the 2019-2023 YVR Noise Management Plan had been accepted by Transport Canada in February 2019. The Plan is currently being translated into French and should be ready for public distribution by end of March. In advance of this, a copy of the Plan will be distributed to ANMC members along with other materials from this meeting.

### **b. Annual Public Meeting**

Members were advised the Airport Authority's annual public meeting is scheduled for the afternoon of May 9, 2019. Further information regarding time and location will be provided to ANMC members when details are finalized. The 2018 Annual Sustainability Report will also be made available prior to this meeting.

### **c. Open Discussion**

Gary Abrams, City of Richmond citizen representative, mentioned one resident from the Bridgeport area had recently contacted him again regarding concerns about night-time operations and use of the north runway. Gary had extended an offer to meet with this individual but has not heard back. Gary advised he is still happy to meet with this individual or any other residents to discuss their concerns and it was suggested to schedule such meetings at City Hall and to only do so with an abundance of caution.

## **MEETING ADJOURNMENT**

Marion thanked members for their attendance and contributions. The meeting was adjourned at 2:30 PM.