



OTTAWA MAINTENANCE PROJECT
Alstom Canada

1050 Beaver Hall, 18th Floor
Montreal, QC – H2Z 0A5 (Canada)
Phone: +1 (514) 764-1725
Fax: +1 (514) 879-1955
www.alstom.com

Mr. Mario Guerra
Chief Executive Officer, Acting General Manager
Rideau Transit Maintenance General Partnership
805 Belfast Road
Ottawa, ON K1G 0Z4

Ottawa, March 22, 2021

Letter No.: **ALSMNT-RTM-0718**
In reply to: RTM-ALS-LET-0279
Action: RTM
Letter Ref.: None
Subcontract: Second Amended and Restated Maintenance Subcontract dated September 16, 2019
("Subcontract"); Article 7.3 of Attachment 50 – Interface Rights and Obligations

Subject: Update to Light Rail Vehicle Interior Noise Measurement Results – Alstom's response

Dear Mr. Guerra,

With respect to RTM's letter RTM-ALS-LET-0279 please note that the report of the City on the new noise and vibration measurements was not attached to RTM's letter. A copy of the City's cover letter OTT-RTG-LET-0350 was included however the report was missed. RTM are kindly requested to send the City's report to Alstom.

Further, in RTM letter, RTM referred to weekly infrastructure minutes of meetings. It has come to Alstom's attention that these meetings are being conducted without the presence of Alstom's designated Representative under the Subcontract. Going forward please include Alstom's designated Representative for official meetings.

With respect to RTM's requests stated in RTM's letter, please find below Alstom's response and feedback pointwise:

1. Track Geometry: Please note that Alstom will soon submit a comprehensive report for the Track Tracer Data showing the Track Geometry measurements made by Alstom. For the trackwork equipment please note that Alstom has an available Track tracer, and a Track geometry car from Holland. Alstom is proceeding with the Track Geometry inspection in accordance with class 5 frequencies and as stated in Alstom's letter ALSMTN-RTM-488.
2. Rail Condition: Please find enclosed in attachment 1) the report on the grinding works conducted in November 2020. Alstom is also enclosing in attachment 2) the rail grinding program for June 2021 from its subcontract Arms. As seen from the enclosed report from Arms, the analysis likely suggests that the rail corrugation is a



permanent defect due to discrepancies in the design of the Track which would be attributed to CC Defect. Alstom will follow up with further details as they become available.

3. Track Structure: For the upcoming Spring 2021, please note that Alstom is conducting a survey to ascertain what surfacing and ballast is required. Alstom is currently engaging contractor for such track inspection survey and will advise RTM on the results when available.
4. Special Trackwork: please note that Alstom is proceeding with the monthly, quarterly and yearly work method statements and inspections as required. Alstom submits in the below InTouch link the respective inspection certifications including the asset management plan.

[https://sync.digivie.com/portal/webapppage.aspx?ss=/69A884C0-9F3B-4736-AF57-CCA7C3CDC1B8/For%20Alstom%20\(Shared%20by%20aturner@rtmcp.ca\)/Alstom%20Preventive%20Maintenance%20Certificates/TPSS](https://sync.digivie.com/portal/webapppage.aspx?ss=/69A884C0-9F3B-4736-AF57-CCA7C3CDC1B8/For%20Alstom%20(Shared%20by%20aturner@rtmcp.ca)/Alstom%20Preventive%20Maintenance%20Certificates/TPSS)

Alstom activities are as follows:

- a. Optical Rail profile measurement was conducted in February 2021
- b. Alstom is currently sourcing a contractor for Concrete structure cleaning
- c. Track grinding will be conducted depending on conditions
- d. Surface and lining will be conducted depending on conditions

Please be notified that Alstom presents this letter without waiving and with express reservation of Alstom's rights and remedies as may be available under the Maintenance Subcontract Agreement, any other contract, applicable law, rules or regulations whether at law or in equity. In no event shall this letter constitute nor be deemed to be a waiver by Alstom of any of its rights or remedies with regards to the above

Sincerely,

A handwritten signature in black ink, appearing to read "R France", is positioned above the printed name and title.

Richard France
Project Manager

Attachment(s): 1- report on the grinding works conducted in November 2020
2- Rail grinding program for June 2021

cc: James Messel, RTM
Michail Matthiopoulos, Alstom
Karim Farran, Alstom