



Rideau Transit Group
805 Belfast Road
Ottawa, ON K1G 0Z4

October 18, 2021

City of Ottawa
110 Laurier Avenue West
Ottawa, ON K1P 1J1

Our Reference:	RTG-OTT-58-0-LET-1297
OLRT-C Reference:	OLR-RTG-58-0-LET-2186
City Reference:	OTT-RTG-LET-0410 and OTT-RTG-LET-0415
Project Agreement Reference:	Section 32

Attention: Michael Morgan
Director, Rail Construction Program

Subject: Additional Onboard Monitors

Dear Mr. Morgan:

Please refer to the attached correspondence from OLRT-C which includes a letter from Alstom regarding the installation of the onboard heat detection system.


Alstom is continuing to look at the heat sensors as one of the possible long-term mitigation measures but feels it is premature to conclude on any measure until the root cause analysis is completed. Alstom has committed to conducting a diligent and technical assessment and analysis of the root cause of the issue, and RTG is diligently communicating with all applicable parties to ensure that this analysis is completed in a timely manner.

Based on the fact that the root cause is still to be confirmed, RTG considers it premature to require the installation of these sensors under Section 32 Remedial Rights of the Project Agreement. If the City were to take steps pursuant to Section 32 to commence work in respect of the design and installation of onboard heat detection systems on the Vehicles, RTG reserves all of its rights to dispute such actions and to seek to have any related actions required by RTG and its subcontractors as a Variation pursuant to the Project Agreement.

Should you have any questions, concerns, or require additional information please do not hesitate to contact us.

Regards,

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Nicolas Truchon, CFA, MBA
Chief Executive Officer
Rideau Transit Group General Partnership

cc.: City: Lorne Gray, Troy Charter
RTG: Bruno Tremblay
RTM: Mario Guerra
OLRT-C: Ignacio Velasco, Bill McCormick and Tyler Mieh

Attachments: 1) *OLR-RTG-58-0-LET-2186 - Stage 1 and 2 - TSB Letter and City's Remedial Rights*
2) *ALS-OLRT-04027 - Stage 1 - City's Remedial Rights - Additional Onboard Monitors*



Rideau Transit Group
805 Belfast Road,
Ottawa, ON K1G 0Z4

OLRT Constructors/Constructeurs
Confederation Line
Trailer Complex
535 Terminal Ave
Ottawa, Ontario
K1G 0Z2

12th October 2021

Our Ref.	OLR-RTG-58-0-LET-2186
City Ref.	RTG-OLR-58-0-LET-0974, RTG-OLR-58-0-LET-0971
Project Agreement Ref.	

Attention: Mr. Nicolas Truchon
Chief Executive Officer

Subject: Stage 1 and 2 – TSB Letter and City's Remedial Rights

Dear Mr. Truchon,

With reference to OLR-RTG-58-0-LET-2182, please refer to the attached letter from Alstom regarding the Additional Onboard Monitors.

Sincerely,

Ignacio Velasco
Project Director

Cc: Bill McCormick
Tyler Mieke
Hans Tenold
Sharon Oakley

Attachment: ALS-OLRT-04027 - Stage 1 - City's Remedial Rights - Additional Onboard Monitors

ALSTOM Transport Canada Inc.
1050, Beaver Hall, 18th Floor
Montreal (Québec) Canada
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www.alstom.com



Dr. Sharon Oakley
Rolling Stock Manager
OLRT Constructors
Ottawa Light Rail Transit Project
Trailer Complex
7 Bayview Road
Ottawa ON, Canada K1Y2C5

October 12th, 2021

Letter No.: **ALS-OLRT-04027**
In reply to: OLR-ALS-3090, OLR-ALS-3091
Action: OLRT-C
Letter Ref.: OTT-RTG-LET-0410, ALS-OLRT-04021
Subcontract No. 507528-P001- Stage 1

Subject: City's Remedial Rights - Additional Onboard Monitor

Dear Dr. Oakley,

Alstom writes further to its letter ALS-OLRT-04021 and in relation to OLRT-C's letter OLR-ALS-3090 enclosing City's letter OTT-RTG-LET-0410 for the Notice of Exercise of Remedial Rights ("**Notice of Remedial Rights**"). Alstom received the Transportation Safety Board letter dated 27 September 2021 via OLRT-C's letter OLR-ALS-3091.

With respect to the City's request to study the installation of Heat Detection Systems, Alstom clarifies that the overheating of the bearing assembly takes place at a time where integrality of the hub is already lost. As the TSB and the City of Ottawa are aware, the wheel connection loss experienced in the August 8th, 2021 derailment is not a typical rail bearing failure.

The Root Cause Analysis for this derailment is still ongoing with actions having been identified through the 8D process. The current mechanical inspection put in place (called "Free play") is recognised by all parties to be safe and secure for Operations, and it would be premature to jump to a Heat Detection System. Nevertheless, a thermal as well as an acoustic/vibration monitoring is envisaged in the 8D process. Be assured the matter will not be disregarded without proper technical assessment and analysis.

On that basis Alstom disagrees with the City's request. Alstom will stay focused on conducting a diligent technical assessment and analysis. This will lead to an objective technical position and informed decision on which all parties should converge, including TSB and City of Ottawa. Alstom would like to be supported in this approach by OLRTC.

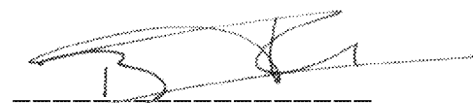
ALSTOM Transport Canada Inc.
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The logo for ALSTOM, featuring the word "ALSTOM" in a bold, sans-serif font. The letter "O" is stylized with a circular graphic element inside it.

If OLRT-C or the City nevertheless require Alstom to install Heat Detection Systems, such request shall be treated pursuant to the Variation procedure of the Subcontract Agreement and the Stage 2 Variation for Additional Vehicles.

Please note that Alstom presents this letter without waiving and with express reservation of Alstom's rights and remedies as may be available under the Subcontract, Stage 2 Subcontract Variation, 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.

Please contact the undersigned for any additional clarification.

A handwritten signature in black ink, appearing to read "Bertrand Bouteoup", written over a horizontal dashed line.

Bertrand BOUTELOUP
LRV Projects Director, Canada
Attachment(s): None