



# ROADSIDE INSPECTION

REFERENCE GUIDE

# WARNING

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# ROADSIDE INSPECTION

## INSPECTOR REQUEST

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In the event that your vehicle is intercepted for a road side inspection, two things may be asked of you:

1. Display directly on the screen of your Electronic Logging Device (ELD) a standardized report of your Hours of Service (HOS)
2. Provide your Hours of Service (HOS) report by email.

This document outlines the procedure for both cases.

# ROADSIDE INSPECTION

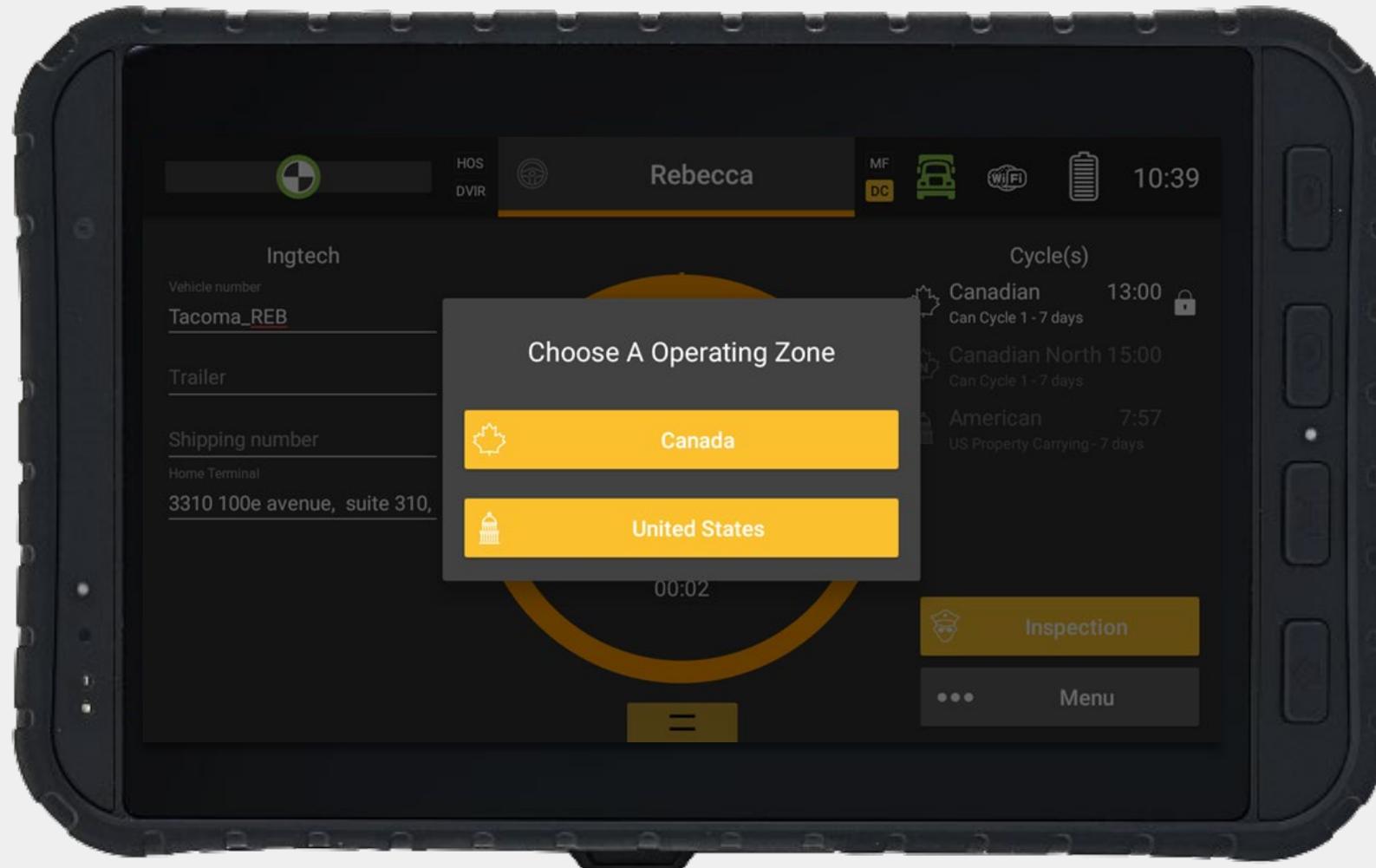
## MAIN SCREEN



1. You must first access the main Hours of Service screen.
2. Click on « Inspection » to access the next screen.

# ROADSIDE INSPECTION

## OPERATING ZONE

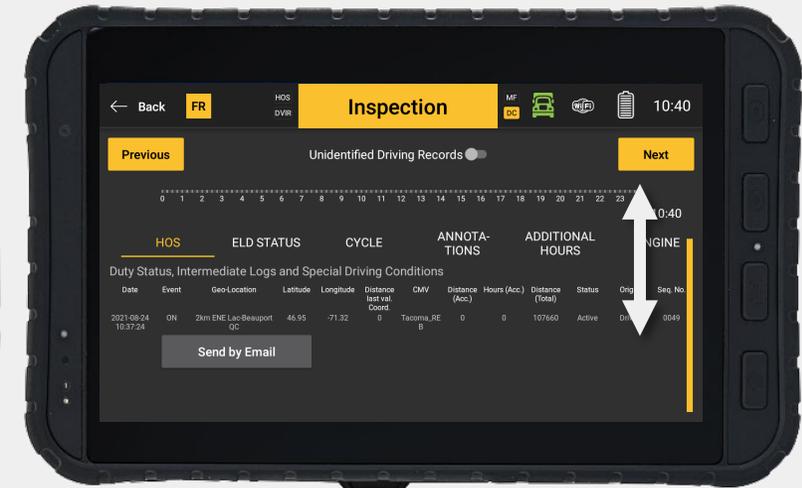
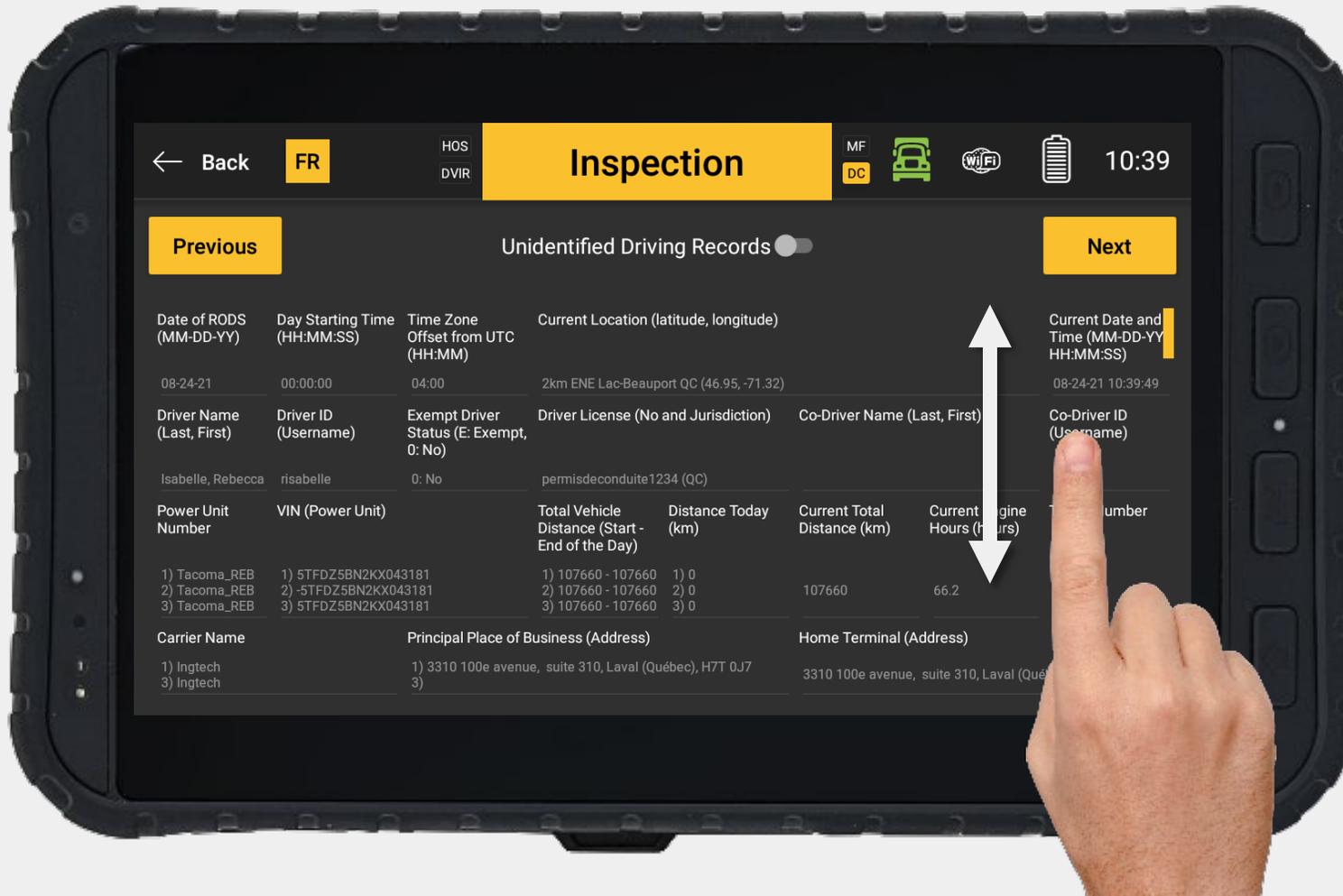


Choose the operating zone

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## ON-SCREEN DATA REVIEW

You can scroll through the data by swiping your finger across the screen. This allows the inspector to directly review the data if needed.



# ROADSIDE INSPECTION

## PAGE PRESENTATION



Use the “FR” button to change the display and the export language for French

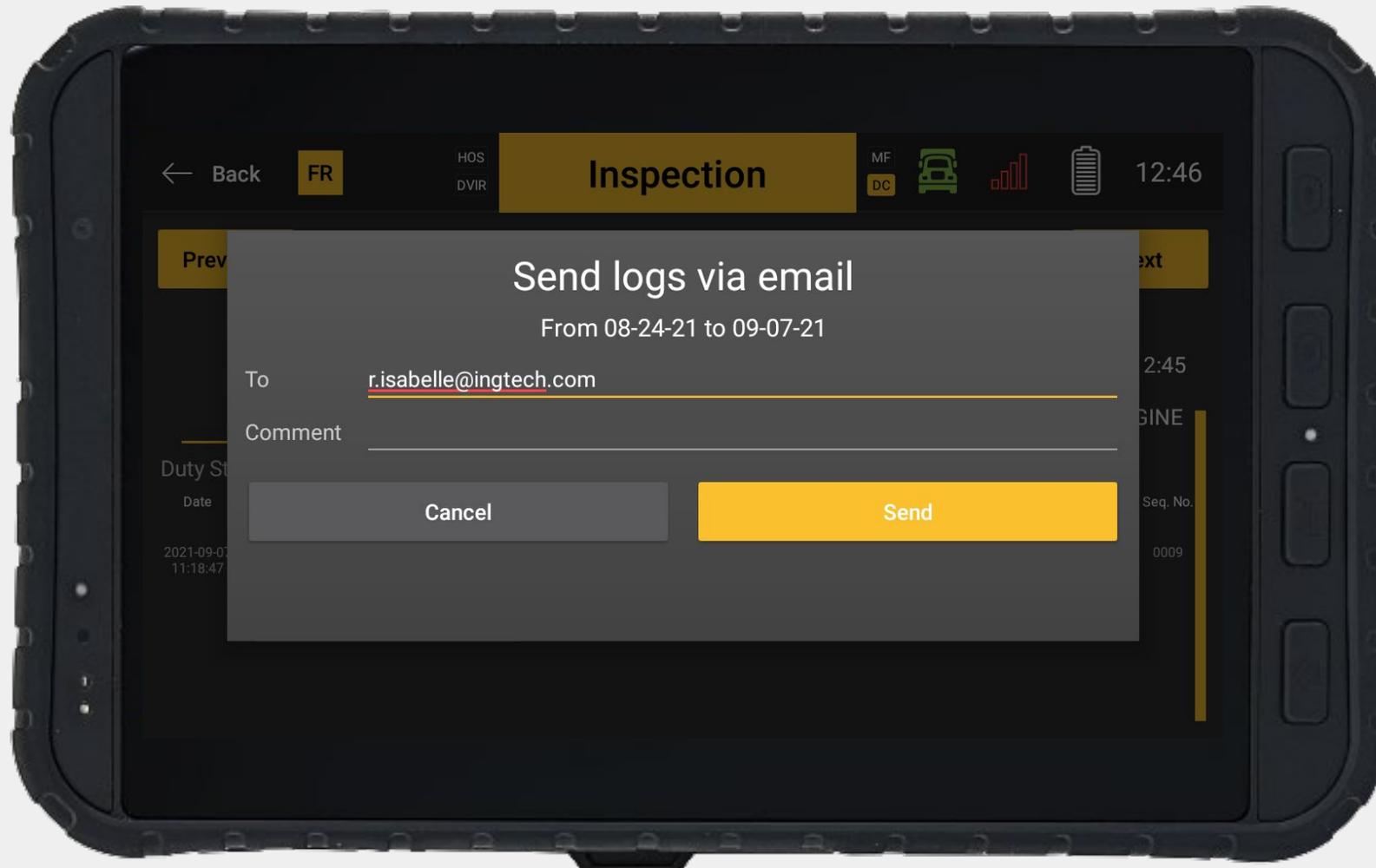
Use the button “Previous” and “Next” to navigate from a day log to another

If needed, you can display the unidentified driving records

The inspection report can be shared by email – « Send by Email »

# ROADSIDE INSPECTION

## EMAIL EXPORT



1. Write the email address of the inspector.
2. The « Comments » line allows you to add comments if requested by the inspector.
3. Select « Send »



# MALFUNCTION

Reference guide

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# DIAGNOSTIC EVENT (DC)

Next table presents data diagnostic event and the action required.

CODE	NAME	DETAIL	ACTION
1	Power data diagnostic event (Power)	A DC is triggered when the ELD detects that a connection to the ECM (the engine's controller module) was lost. It does so by detecting gaps within the engine hours data. This DC only triggers once the situation has been resolved and thus refers to past events.	No action required. To avoid this DC, please ensure that the ECM's connection indicator (the truck) is always GREEN.
2	Engine synchronization data diagnostic event (Engine Sync)	A DC is triggered while the engine is running and the ELD loses connection to the ECM. In addition, this DC also arises concurrently when the <b>Power data diagnostic event</b> is triggered.	Make sure you are properly connected to the vehicle (green truck indicator). Click on the red truck indicator to reestablish a connection.
3	Missing required data elements data diagnostic event (Missing Required Data)	A DC is triggered when some information is missing in one or multiple ELD events. These events are tagged with a red "?" in the "logs" page.	Manually edit and complete all the events marked with missing data elements in the current day and the 14 previous days.
4	Data transfer data diagnostic event (Data Transfer)	A DC is triggered when the data transfer verification mechanism fails. This mechanism is there to proactively ensure that the ELD export service (email) works properly for potential roadside inspection. This DC could be due to poor cellular coverage of system's failure.	Ensure you have cellular coverage (communication indicator). Please contact your administrator if no cellular connection persist or if this DC is still active after a logout/login or a change in operating zone.
5	Unidentified driving records data diagnostic event (Unidentified Driving)	A DC is triggered when there are 30 minutes or more of unidentified driving logged onto this particular ELD.	Make sure to accept driving activities when it is yours (prompted by the ELD during login). This DC will be cleared when the driving time recorded under the unidentified driver profile for the current day and the 14 previous days drops to 15 minutes or less. This is the administrator's responsibility to reassign these activities.
6	Other ELD identified diagnostic event (Other Diagnostic)	This diagnostic event occurs when any other diagnostic event are trigger.	Contact your administrator.

# MALFUNCTION EVENT (MF)

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Next table presents malfunction event and the action required.

CODE	NAME	DETAIL	ACTION
P	Power compliance malfunction (Power)	An MF is triggered when the ELD detects that a connection to the ECM (the engine's controller module) was lost for more than 30 minutes of accumulated driving time aggregated across all driver profiles during a 24-hour period.	No action required. To avoid this MF, please ensure that the ECM's connection indicator (the truck) is always GREEN. Although the issue might be resolved, you may have to wait until the aggregated driving time recorded drops below 30 minutes in the current 24 hours period for the malfunction to be cleared.
E	Engine synchronization compliance malfunction (Engine Sync)	An MF is triggered when the engine is running and the ELD loses connection to the ECM for more than 30 accumulated minutes, during a 24-hour period, aggregated across all driver profiles.	Make sure you are properly connected to the vehicle (green truck indicator). Click on the red truck indicator to reestablish a connection. Although the issue might be resolved, you may have to wait until the recorded time drops below 30 minutes in the current 24 hours period for the malfunction to be cleared.
T	Timing compliance malfunction (Timing)	An MF is triggered when the ELD time is off by more than 10 minutes with respect to an external source.	Ensure you have cellular coverage (communication indicator). Please contact your administrator if no cellular connection persist or if this MF is still active while the cellular signal is good. The MF will be cleared once the time difference is reduced to an offset less than 10 minutes. The ELD checks periodically so it might take few minutes before the MF clears out.

# MALFUNCTION EVENT (MF)

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Next table presents malfunction event and the action required.

CODE	NAME	DETAIL	ACTION
L	Positioning compliance malfunction (Positioning)	An MF is triggered when the ELD fails to acquire a valid position within a distance of 8 kilometers for a duration (accumulated) of more than 60 minutes, within a 24-hour period, aggregated across all driver profiles.	Contact your administrator. Verify the GPS status on the VTM, the LED should be solid green. Also, you can confirm the GPS quality by clicking on the setting button on the icon “gear” on the lower menu and then by selecting the tab named “telemetry data”, the “PositionIsValid” has to be 8 or less to be acceptable. Make sure the vehicle is outside and that the VTM’s belly (sticker face) is facing towards the sky.
R	Data recording compliance malfunction (Data Recording)	An MF is triggered when the ELD may no longer record or retain required events or retrieve records.	Contact your administrator in order to free space on your device.
S	Data transfer compliance malfunction (Data Transfer)	An MF is triggered when the data transfer verification mechanism fails 4 times consecutively. This mechanism is there to proactively ensure that the ELD export service (email) works properly for potential roadside inspection.	Ensure you have cellular coverage (communication indicator). Please contact your administrator if no cellular connection persist or if this MF is still active after a logout/login or a change in operating zone.
O	Other ELD detected malfunction (Other Malfunction)	This malfunction event occurs when any other malfunction event are trigger.	Contact your manager or INGtech.