

Guide to Managing Unidentified Driving

BigRoad fleets now have the ability to enable tracking and claiming for driving events that have been recorded on a truck within their fleet as “unidentified driving”.

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01. What Is Unidentified Driving?

Unidentified driving is driving that occurs on a DashLink-equipped truck while no driver is logged into the truck through the BigRoad Mobile App. Unidentified driving is tracked by recording ignition, speed and odometer data from the engine-connection and is correlated with GPS movement.

After unidentified driving has been recorded on a truck, it can be reviewed by the future drivers of that truck. This driver can then assign themselves the driving (claim) or leave it for the next driver to review (reject).

Fleet managers are able to see which trucks have unidentified driving time that has not been claimed and suggest which driver(s) should claim it. The ability to assign or annotate unclaimed unidentified driving will be released in a future version of the BigRoad Mobile App.

WHO SHOULD USE UNIDENTIFIED DRIVING?

Fleets who have equipped their trucks with DashLinks are able to use unidentified driving. For fleets using DashLink as an automatic onboard recording device (AOBRD), this feature is optional. However, we recommend you enable it on your DashLink-equipped trucks. For fleets using DashLink as an electronic logging device (ELD), this feature is mandatory when operating DashLink-equipped trucks.

Tracking of unidentified driving is turned off by default for all existing fleets but can be enabled either on a per-truck basis for learning purposes or for all DashLink-equipped trucks in a fleet.¹ New fleets deployed after December 18, 2017 will have unidentified driving enabled by default for all DashLink-equipped trucks.

Note: Vehicles equipped with DashLink units prior to the DL-100 or DL-200 model series will not support tracking of unidentified driving. Driving events occurring while not logged into the BigRoad Mobile App will continue to display as mileage gaps when drivers are using a truck equipped with older DashLink models. Please contact your account manager or email support@bigroad.com to learn about upgrading your fleet to a newer DashLink model supporting this capability.

02. Enabling Unidentified Driving Claim On A Truck-By Truck-Basis

We recommend that you enable the ability to claim unidentified driving on a few trucks within your fleet before rolling it out to your entire fleet. This will allow you to learn how drivers claim/reject unidentified driving and how to review unassigned unidentified driving.

This feature can be disabled and re-enabled on a truck-by-truck basis as required while it is being rolled out across the fleet.

To enable tracking of unidentified driving on a truck-by-truck basis, follow these steps:

- 1 Navigate to the desired truck via the Trucks tab within the BigRoad Mobile App and click the truck name for the truck you want to enable
- 2 Click **Edit**
- 3 Check the **Track unidentified drive time for this truck when DashLink is connected** checkbox
- 4 Click **Save**

The screenshot shows the BigRoad mobile app interface for editing a truck. The top navigation bar includes 'Dashboard', 'Drivers', 'Trucks' (selected), 'Reports', 'Fleet', a search icon, and the user name 'Scott Myers'. The main heading is 'Truck: Scott Myers Truck' with a 'Delete' button. The form contains the following fields and options:

- License:
- VIN:
- Odometer Units: miles, km
- DashLink: Equipped, None
DashLink equipped vehicles automatically record duty status changes by detecting road speed directly through the engine bus.
- DashLink Device ID:
It is usually fine to leave this blank. The DashLink device ID is needed by the BigRoad mobile app to identify the truck, but only if the truck does not report its VIN on the engine bus. Example: A1B2-C3D4-E5F6
- Unidentified Driving: Track unidentified drive time for this truck when DashLink is connected

At the bottom, there are 'Cancel' and 'Save' buttons.

Enabling Unidentified Driving Claim On A Truck-By-Truck Basis

NOTE: If you encounter an issue and want to disable this feature on a specific truck, follow these steps:

- 1 Navigate to the desired truck via the **Trucks** page in the BigRoad Web App and click the truck name
- 2 Click **Edit**
- 3 Uncheck the **Track unidentified drive time for this truck when DashLink is connected** checkbox
- 4 You will be notified that all existing unidentified driving for this truck will be discarded and will no longer be available for claim
- 5 If you are ready to discard any unclaimed driving and disable tracking on this truck, click **Save**

The screenshot shows the BigRoad web application interface. At the top, there is a navigation bar with the BigRoad logo and menu items: Dashboard, Drivers, Trucks (highlighted), Reports, Fleet, a search icon, and a user profile for Scott Myers. Below the navigation bar, the page title is 'Truck: Scott Myers Truck' with a 'Delete' button on the right. The main content area contains a form with the following fields and options:

- License: [Empty text input field]
- VIN: [1HTSDAAM9WH583735]
- Odometer Units: miles, km
- DashLink: Equipped, None. Below this, a note reads: 'DashLink equipped vehicles automatically record duty status changes by detecting road speed directly through the engine bus.'
- DashLink Device ID: [Empty text input field]. Below this, a note reads: 'It is usually fine to leave this blank. The DashLink device ID is needed by the BigRoad mobile app to identify the truck, but only if the truck does not report its VIN on the engine bus. Example: A1B2-C3D4-E5F6'
- Unidentified Driving: Track unidentified drive time for this truck when DashLink is connected. Below this, a red note reads: 'Please note: This will permanently discard all unclaimed driving events for this truck!'

At the bottom of the form, there are two buttons: 'Cancel' and 'Save'.

03. Drivers: Claiming Or Rejecting Unidentified Driving Events

Drivers should review any unidentified driving events that have occurred on a DashLink-equipped truck they are operating. Drivers can **claim events** which represent driving that was performed by them or **reject events** that were not performed by them.

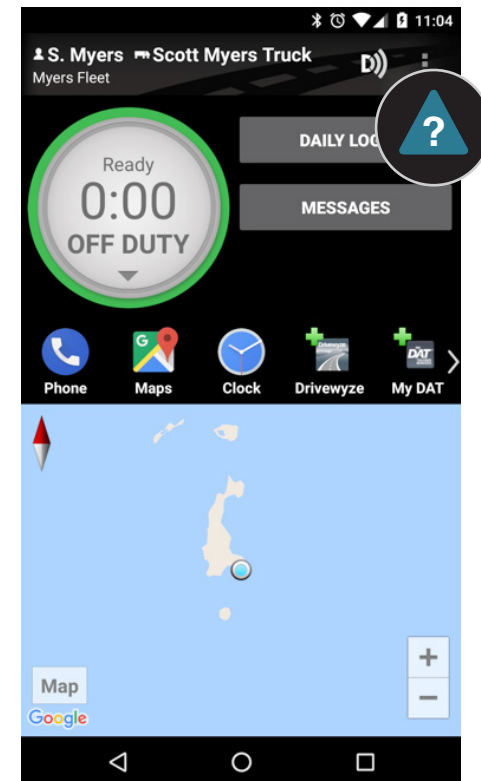
NOTE: The ability to claim or reject unidentified driving events can only be performed when the BigRoad Mobile App is connected to the DashLink of the truck in question.

HOW TO CLAIM UNIDENTIFIED DRIVING EVENTS

If there are unidentified driving events for the driver to review and potentially claim, the main screen on the BigRoad Mobile App will show a blue question mark indicator on the Daily Logs button.

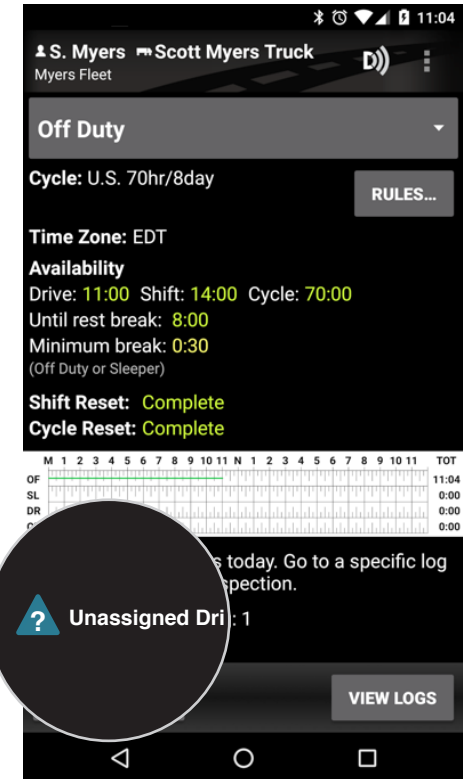
To review these unidentified events:

- From the main screen of the BigRoad Mobile App, the driver will click the **Daily Logs** button
- The app will indicate that there are 1 or more days with unidentified driving events that have not yet been reviewed by a driver. This is shortened to **Unassigned driving**

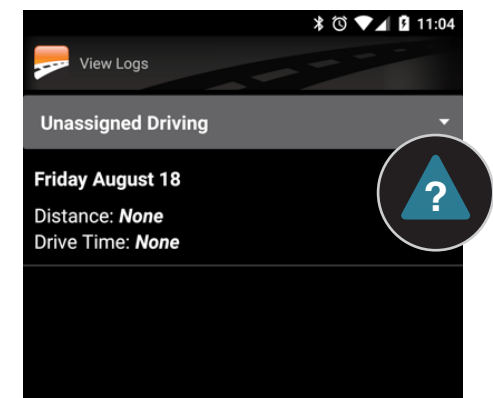


How to Claim Unidentified Driving Events

The driver will click the **Unassigned driving** text at the bottom of the screen. This will take them to a list of days with unidentified driving events that have not yet been reviewed by the current driver

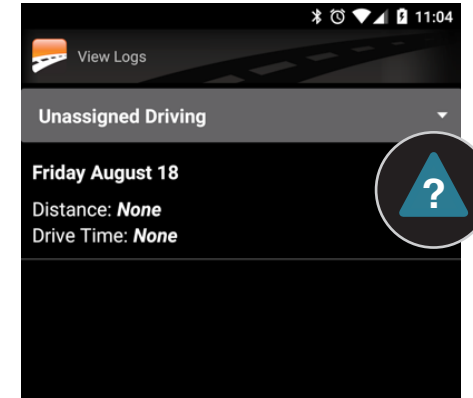


Once the driver clicks on a day with unassigned driving events they will see a box indicating there is at least one unassigned driving event to review. The driver will **click this box** to review the list of events



How to Claim Unidentified Driving Events

The driver will review each unidentified event that was tracked and has not been assigned to themselves or to another driver

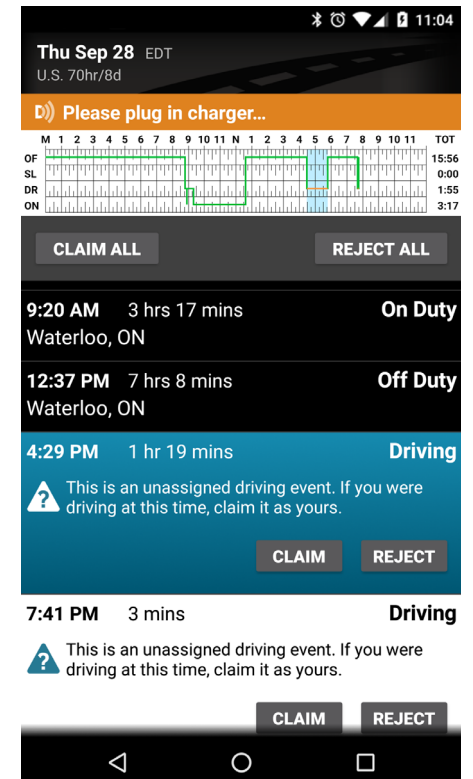


For each event that belongs to the driver, they will click the **CLAIM** button

If an event does not belong to this driver, they will click **REJECT**

Drivers will not be prompted again for events they have rejected. These events will be listed in a report available on the BigRoad Web App for review by fleet administrators

For convenience, drivers may also claim or reject all events that have occurred on a particular day



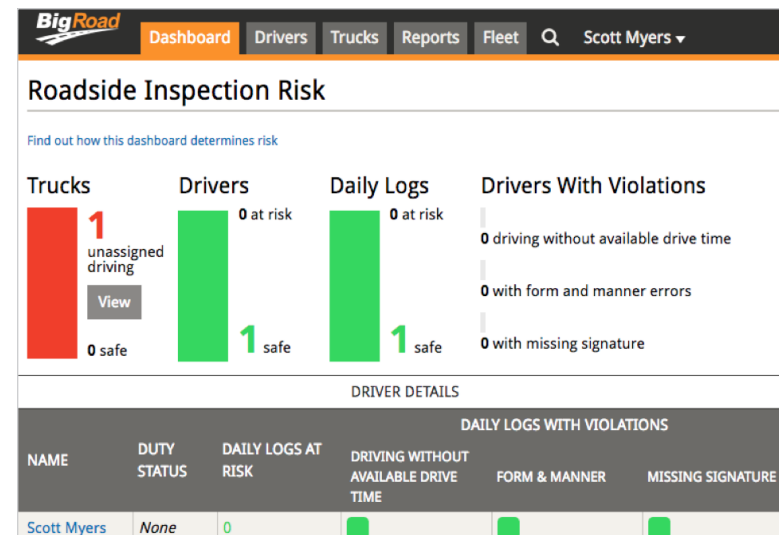
04. Safety Managers: Reviewing Unclaimed Driving Events

Safety managers should frequently review unclaimed unidentified driving events that have occurred across their fleet. The ability to re-assign driving and annotate driving that does not belong to a driver will be available in an upcoming BigRoad release.

HOW TO REVIEW UNASSIGNED DRIVING

To review the list of unidentified driving events across your fleet:

- 1 Log in to the BigRoad Web App and click on Dashboard tab to open the Roadside Risk Dashboard
- 2 You will see a bar graph showing how many trucks in your fleet have unassigned unidentified driving events



NOTE: This view will only be visible after you have enabled unidentified driving for at least one truck in your fleet

Safety Managers: Reviewing Unclaimed Driving Events

- Click the **View** button to open the list of unidentified driving events on a truck-by-truck basis

TRUCK	DATE	DURATION	ODOMETER	DISTANCE
Scott Myers Truck	Aug 18, 2017 at 11:21am	6 mins	201185 km	10 km
Scott Myers Truck	Aug 18, 2017 at 11:02am	1 min	201181 km	0 km

05. Enabling Unidentified Driving For Your Entire Fleet

Once you are comfortable with how drivers can assign driving to themselves (**claim**), indicate that events should not be assigned to them (**reject**), and how fleet managers can review unclaimed driving events, you should enable this feature for your entire fleet.

To enable tracking and claiming of unidentified driving for all supported vehicles in your fleet, follow these steps:

- 1 On the **Fleet** tab in the BigRoad Web App, in the settings area, click **Edit**
- 2 Under the unidentified driving area, click the **Track unidentified drive time for all trucks** checkbox
- 3 Once you are ready to proceed with enabling for all vehicles, click the **Update Fleet** button at the bottom of the page

NOTE: Once enabled for your entire fleet, this feature **cannot be disabled**. All supported DashLink-equipped vehicles in the fleet will now track and record unidentified driving events once this has been enabled.

Enabling Unidentified Driving For Your Entire Fleet

Settings

Data Retention:
Changes made here are permanent and will be applied retroactively.

Keep historical location information
 Forever For days

Personal Conveyance:
 Driving may be logged as off duty for personal conveyance

Fleet Messaging:
Drivers can always start chats with admins and dispatchers.

Allow drivers to start chats with other drivers

Yard Move:
 Driving short distances does not record a Driving duty status
The FMCSA does not officially allow for any special handling of yard moves by an automatic on-board recording device (AOBRD) like DashLink. By enabling yard moves for your drivers, you are configuring the amount of detected motion required before a Driving duty status is recorded. If using this feature, you are obligated to ensure your drivers maintain compliance.

Unidentified Driving:
 Track unidentified drive time for all trucks
Once enabled, tracking of unidentified driving cannot be disabled. Are you certain you wish to enable unidentified driving?

06. FAQ

- 1 WHY CAN'T I SEE UNIDENTIFIED DRIVING WHEN I'M NOT CONNECTED TO THE TRUCK/DASHLINK?**

Unidentified driving requires the use of a DashLink and the BigRoad Mobile App.
- 2 WHAT HAPPENS IF I REJECT A DRIVING EVENT?**

A reject event is still stored on the DashLink device.
- 3 DO I NEED TO RE-SIGN LOGS AFTER CLAIMING?**

Yes, you will need to re-resign the log after claiming.
- 4 WHAT HAPPENS IF CLAIMING AN EVENT PUTS ME IN VIOLATION?**

You still have the ability to edit the log to ensure that you are not in violation.
- 5 CAN I UNDO CLAIM OR REJECT OF A DRIVING EVENT?**

Currently you cannot undo a claim or reject of a driving event.
- 6 WHAT HAPPENS IF THE DASHLINK IS DEPROVISIONED AND THEN REPROVISIONED ONTO A DIFFERENT TRUCK?**

If a DashLink is deprovisioned and reprovisioned on a new truck, the unidentified driving segments will be lost.
- 7 WHY DO I WANT TO USE UNIDENTIFIED DRIVING?**

Unidentified driving is part of the ELD mandate, so it can be turn it on to start working towards ELD compliance. Unidentified driving also helps ensure that driving times and logs are captured accurately.