



eDriver Logs[®] ELD for Android[™]

Driver Guide

PEOPLENET CUSTOMER SUPPORT | 888-346-3486

The PeopleNet eDriver Logs system complies with and is tested against the United States Department of Transportation (USDOT) Federal Motor Carrier Safety Administration (FMCSA) specifications as found in 49 CFR Part 395 for Electronic Logging Devices, Subpart B.

NOTE:

This guide is intended to complement PeopleNet's eDriver Logs training. No driver should attempt to rely solely on the eDriver Logs guide without first completing training from your company.

If there is an ELD Compliance Malfunction on the device and you are not able to immediately resolve the malfunction, you must begin keeping paper logs until the device is once again compliant. Refer to the Troubleshooting section for common causes and resolutions. If your logs can no longer be accessed on the device, you must reconstruct your logs on paper for the current 24-hour period and the previous 7 consecutive days. For this reason you are required to carry a paper log book in your vehicle at all times.

PeopleNet bears no responsibility for the driver's failure to comply with this requirement.

You are required to keep this guide in your vehicle at all times. Provide this documentation to the auditor in the case of a D.O.T. inspection. eDriver Logs ELD relies on accurate input of data and appropriate use by the driver. PeopleNet assumes no liability for erroneous, accidental, or intentional input of data or misuse of the product.

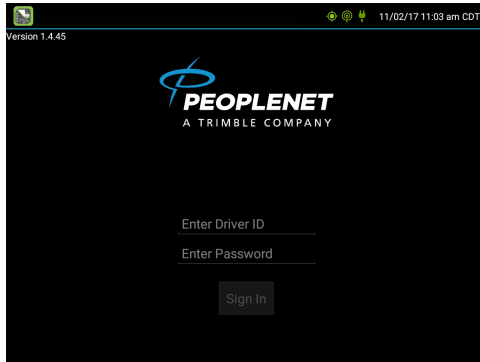
The regulations announced by the FMCSA and the Canadian government are subject to change. PeopleNet will endeavor to automatically update the eDriver Logs ELD device as soon as practical. PeopleNet assumes no liability for reasonable delays in providing system updates or upgrades.

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Login

WARNING: If using a Tablet device, LOGIN, LOGOUT and HOS data may not be accurate if the device is not wired or wireless connected to the ECM during eDriver Log events. Federal Regulations require device to be connected to ECM of the vehicle.



This screen is shown when the vehicle is stopped and no driver is signed in to the logging device. Tap on the line that says Enter Driver ID, then use the on-screen keyboard to enter the Driver ID. Tap **Next** on the keyboard to move to the password line. Type your driver password. Then tap the **Done** button on the keyboard. Tap **Sign In**.

When you sign in, the device will contact the PeopleNet Server and download your daily logs.

Q & A

Q: What if I was not provided with a password?

A: If your motor carrier did not provide you with a password you will need to contact your motor carrier to request a password.

TIP: Wherever an underlined text field appears on the screen, tap once above the line to show the keyboard. Tap the **Done** button when you have finished typing to close the keyboard.

Logout

When you are finished with your shift or otherwise done using the vehicle, tap **Status** and then tap **OFF Sign Out**.



Do not use the **Rest Break** feature unless you will be returning to duty in the same vehicle during your shift.

If the DVIR feature is enabled, you may be prompted to create a driver vehicle inspection report before signing out.

You may also be prompted to review your logs on the device during sign out. Tap **Yes** to be taken to the log(s) that require review. See **View Logs** (p. 16) for more information. Tap **No** to proceed without reviewing your logs. Tap **Back** to cancel and return to the **Driver Overview**.

After the sign out process is complete, the logging device will send your records to the PeopleNet Server.

TIP: Logging out of PeopleNet Mobile Software will also log you out of eDriver Logs ELD.

ACCESSING eDRIVER LOGS FROM PEOPLENET MOBILE SOFTWARE

From the Home screen tap the **eDriver Logs** icon. *Yellow box in below image.* This will return you to the eDriver Logs application.



ANDROID NAVIGATION BUTTONS



The **Home** button will return you to the main screen of the Android tablet.



The **Recent Apps** button will show you the most recent applications running on your Android device.

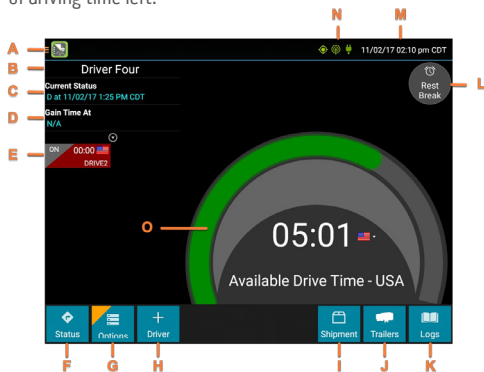


The **Back** button will return you to a previous screen. The **Back** button is used if you mistakenly tap the **Status** button. Tap the **Back** button to return you to the main driver screen.

NOTE: Always review your logs before operating the vehicle to ensure that all information is true and correct. You are responsible for ensuring that all records required to be in your possession are available in electronic and/or paper format.

Driver Overview


This is the main screen of the application, showing the driver's name, current duty status, and hours and minutes of driving time left.




- A: Options Icon**, tap to bring up Review Logs, Request Logs, Take Exception, Diagnostics, and Roadside Inspection. Either make a selection or tap the Options Icon again to close the options from view. (p. 20)
- B: Driver Name**, the name of the driver that the information is currently being displayed for.
- C: Current Status**, displays the current status of the of the driver and the date and time of the status change. (p. 9)
- D: Gain Time**, the date (month/day/year) and time at which your available drive time will increase, presuming you do not change duty status before then.
- E: Driver Card**, if another driver is logged into the device a driver card will display. The status of the additional driver will be shown as well as the name, country selection and time left.
- F: Status Button**, tap the button to change the status of the driver.
- G: Options Button**, tap to bring up the options. You may view Review Logs, Request Logs, Take Exception, Diagnostics, and Roadside Inspection. Either make a selection or tap the Options icon (A) to close the Options menu. (p. 20)
- H: + Driver**, tap the button to allow a co-driver to sign in. The driver will become the active driver and the Driver Name (B) will be shown with that new driver. (p. 13)
- I: Shipment Button**, tap the button to enter in shipment information. (p. 14)
- J: Trailers Button**, tap the button to add a trailer or make a trailer change. (p. 13)
- K: Logs Button**, tap the button to display the Logs screen.
- L: Rest Break Button**, tap this to change your status to OFF and begin a break (p. 12)
- M: System Time**, displays the current date, time, and time zone.
- N: Symbols & Warnings Area**, icons displaying the current status of connection and missing information will be displayed. (p. 6)
- O: Available Drive Time Gauge**, your available drive time will be shown as a colored gauge. The color reflects the appropriate driving time left. (p. 5)

AVAILABLE DRIVE TIME COLOR GAUGE

The color reflects the approximate driving time remaining:

 **Green** - more than 3 hours remaining

 **Yellow** - between 1 and 3 hours remaining

 **Red** - less than 1 hour remaining

Tap the circled arrow below **Gain Time At** to display Driving Time Details, including active exceptions and the time remaining under each applicable hours of service rule. You may need to swipe up and down to view more detail if it does not all fit on the screen. The information displayed includes Active Exceptions, Work Shift Driving, Work Shift Rest Break, Work Shift and Cycle Duty.

If you have uncertified logs or proposed edits that require review, you will notice an orange flag over the **Options** button and three orange lines in the upper left corner. See **Options** (p. 20) and **View Logs** (p. 16) for more information. A red flag indicates missing data.



| | | US property-carrying limits ¹ | US passenger-carrying limits ² | Canada south of 60°N limits ³ |
|------------|------------|--|--|--|
| Work Shift | Driving | 11 hours | 10 hours | 13 hours |
| | Rest Break | 8 hours | Not applicable | Not applicable |
| | Duty | 14 hours | 15 hours | 14 hours |
| Daily | Driving | Not applicable | Not applicable | 13 hours |
| | Duty | Not applicable | Not applicable | 14 hours |
| | Off Duty | Not applicable | Not applicable | 14 hours |
| Cycle | Duty | 60 hours in 7 days or 70 hours in 8 days | 60 hours in 7 days or 70 hours in 8 days | 70 hours in 7 days (Cycle 1) or 120 hours in 14 days (Cycle 2) |

¹ See US 49 CFR §395.3

² See US 49 CFR §395.5

³ See CA SOR-2005-313 §12-29

Q: What is Available Drive Time, and how is it calculated?

A: Available Drive Time is the maximum time in hours and minutes (hh:mm) that a driver legally may continue to operate a commercial vehicle without rest. The logging device calculates the time remaining until each applicable hours of service limit will be reached. The lowest of these is displayed as **Available Drive Time**.

Q: What does it mean if driving time left is N/A?

A: N/A means that the logging device cannot calculate **Available Drive Time** due to insufficient data. Review all records of duty status, including paper logs, to determine your actual driving time left.

Symbols & Warnings



ENGINE OR BLACK BOX CONNECTION STATUS

[Green] The logging device is currently connected to your OBC. All drive time will be recorded correctly.



[Gray] The black box or Vehicle Data Service has stopped sending data to PeopleNet eDriver Logs. Drive events will not be recorded and paper logs should be used.



[Red] The connection to the engine has been lost and drive events will not be recorded. Paper logs should be used.



PFM CONNECTION STATUS

[Green] The OBC currently has a cellular connection and is able to send data.



[Yellow] The cellular connection has been closed because the logging device has no new data to send. A connection will be re-established when there is data to send.



[Red] The OBC cannot connect to make a cellular connection. Reasons may include low signal strength or a network service interruption.

Q: What is the difference between Work Shift rules and Daily rules?

A: Work Shift rules restrict the on duty time that a driver may accumulate from the moment the driver reports to duty to the moment he or she is released from duty. Work Shift calculations do not reset until the driver has accumulated the minimum consecutive off duty time required by the applicable US or Canadian hours of service regulations.

Canada has additional rules, called Daily Rules, which restrict the on duty time a driver may accumulate from the start of one 24-hour log period to the start of the next and establish mandatory minimums for the total off duty time a driver must accumulate within a log period. Daily calculations automatically reset at the beginning of each log day.




Q: Why do my driving time details sometimes show "Salesperson" instead of "Cycle Duty"?

A: If you are operating in the US as a driver salesperson¹, the typical cycle duty limit does not apply toward your driving time left so long as you do not exceed 40 hours driving in any period of seven consecutive days. The salesperson value shows how long you may continue to drive under this driver salesperson exception.


¹ See US 49 CFR §395.1(c)

Symbols & Warnings

GPS CONNECTION STATUS

-  [Green] The device currently has a good lock on GPS.
-  [Yellow] The device is connected to some GPS satellites but not enough to establish a valid position. Location information will need to be filled in manually.
-  [Red] No GPS connection available. Location information will need to be entered manually.

LOGS PENDING

-  The logging device is waiting for driver logs to be synchronized with the PFM.



NO TRAILER

-  The trailer list is empty.

NO SHIPMENT

-  The shipment list is empty.

MISCELLANEOUS WARNINGS

-  [Orange] This icon can represent a few different warnings. Read the text that accompanies the icon to determine what the warning is and if any action is needed.
-  [Red] Data diagnostics appear on your device when a driver is signed in to the application. If your device enters a data diagnostic state, you will see a red triangle icon in the action bar at the top of the screen. Navigate to your log events to determine the exact type of diagnostic event that has occurred, and see **Troubleshooting** (p. 26) for common causes and resolutions.

UNKNOWN DRIVER

The vehicle is moving but the person operating the vehicle has not been identified. Stop driving and either sign in or change status as directed.



Device Abbreviations & Terms

The following abbreviations and terms are used in records generated by this logging device.

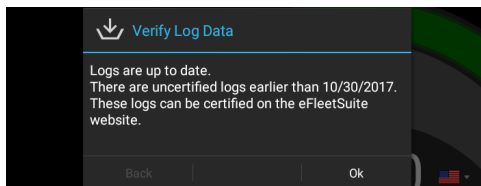
| | |
|-----------------------------|--|
| Comms | Cellular Communications |
| D | Driving |
| ECM | Engine Control Module |
| ELD | Electronic Logging Device |
| Inactive - Charged | A log event that was edited and is no longer the active event |
| Inactive - Rejected | A request edit that was rejected and was not applied to your log |
| Inactive - Requested | A log edit that has been requested by a non-driver PFM user but has not yet been applied to your log |
| OBC | On Board Computer |

| | |
|-------------------|--|
| OFF | Off Duty |
| ON | On Duty, not driving |
| PC | Personal Conveyance |
| PCG | PeopleNet Connected Gateway |
| PFM | PeopleNet Fleet Manager |
| PMG | PeopleNet Mobile Gateway |
| SB | Sleeper Berth |
| YM | Yard Moves |
| ELD Login | When an authorized user logs in to an ELD |
| ELD Logout | When an authorized user logs out of an ELD |

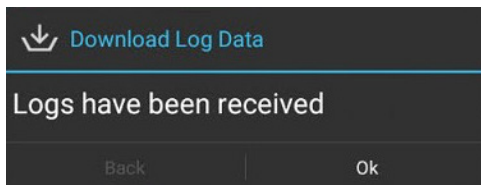
Driver Status

PREVIEW AVAILABILITY

Every time you sign in, the logging device will request your electronic records of duty status (daily logs) from the PFM server.



When you receive a message that logs are received or up-to-date, tap **OK** to view your last recorded duty status and current driving time left.



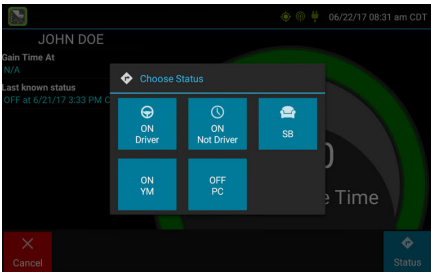
- Q:** I've been waiting a long time, but still haven't received my logs. What should I do?
- A:** The system will try to reach the server for sixty seconds. If the server cannot be reached, you will receive an error message and must reestablish communications before signing in. If you have recently signed in to this device, a Stop button will appear after sixty seconds, allowing you to continue signing in without reaching the server.
- Q:** I received a message that there are proposed edits and/or uncertified logs that need to be reviewed on the PeopleNet eDriver Logs website. What do I do?
- A:** You will need to sign in to the ELD Driver Portal to complete these actions, as they are required on logs older than can be accessed on the device.

If you are configured to operate commercial vehicles in both the United States and Canada, you may preview your driving time left for either country before completing the sign in process. For more information see **Country Selection**. (p. 16)

TIP: If you entered the wrong login information or do not yet have enough time available, tap **Cancel** to return to the **Login** screen. Re-enter the correct information or wait until you have time available and try again.

INITIAL STATUS

After previewing availability, tap **Status** and then choose the button that best represents your initial duty status. See the **Status Change** (p. 11) section for a complete list of buttons and corresponding duty statuses.



You will be required to enter an annotation (comment) when selecting Yard Moves (**ON YM**) or Personal Conveyance (**OFF PC**). See **Status Change** (p. 11) for more information about these options.

If you are the first driver to sign in during your work shift, the device will prompt you to confirm the vehicle ID. If the vehicle ID has changed or is not correct, tap the pencil icon and enter or update the vehicle ID. If the vehicle ID displayed is correct, or you are finished entering the ID, tap **OK**. Please use caution when updating your vehicle ID to validate that the vehicle ID matches the one used by your carrier.

You may be prompted to enter your location if GPS data is not available. See **Manual Location Data Entry** (p. 15)

Q: I don't see a Driving button. How do I record when I am driving the vehicle?

A: When you tap **ON Driver**, you are indicating that you are on duty and preparing to operate the vehicle. The logging device will detect when the vehicle is moving and record the correct duty status for you based on the movement of the vehicle. See the details below.

If you are the only driver signed in to the vehicle, you will be automatically transitioned to Driving status any time the vehicle moves, unless you are in Personal Conveyance or Yard Moves status.

ON Driver >> vehicle reaches 5 mph >> Driver's duty status is recorded as Driving (Line 3) >> D

D >> vehicle stops for 5 minutes >> Driver is prompted whether to remain Driving or change to another status >> ON Driver

Q: I don't have a co-driver. Do I still need to tap the On Duty (Driver) button before I operate the vehicle?

A: Yes. The logging device uses this information not only to maintain accurate driver logs but also for other record keeping, such as determining when driver vehicle inspection reports need to be created or reviewed.

STATUS CHANGE

Starting from the **Driver Overview** screen, tap **Status** and then choose the option that best describes your current activity.

These options are available for all drivers:



Choose this when you are on duty and taking control of the vehicle. The logging device will detect when the vehicle is moving and automatically record your activity as D (Line 3) when the vehicle is moving and ON (Line 4) when the vehicle is stopped. No other driver may take control of the vehicle until you choose a different status, start a Rest Break, or Sign Out.



Choose this if you are on duty but not in control of the vehicle. This will record your activity as ON (Line 4). However, if there is no primary ON Driver, and vehicle movement is detected by the logging device, you will be considered the primary driver and your status will be moved to D (Line 3).



Choose this when you are beginning a period of rest in the vehicle's sleeper berth. This will record your activity as SB (Line 2).



Choose this when you are relieved of duty and are signing out of the Android™ device. This will record your activity as OFF (Line 1). To record your status as off duty without signing out of the logging device, see **Rest Break**. (p. 12)

These additional options may be available if enabled by your carrier:



Choose this if you are relieved from all responsibility for performing work and taking control of the vehicle for your own personal use. This will record your activity as "Authorized Personal Use of CMV (PC)" (OFF, Line 1).



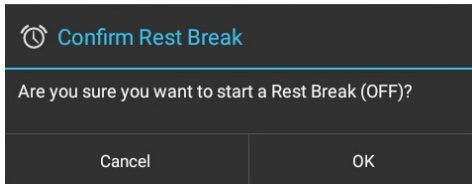
Choose this if you are moving your vehicle inside your carrier's yard. This will record your activity as "Yard Moves (YM)" (ON, Line 4).

REST BREAK

The Rest Break feature is used for recording off duty activity during the work shift. Drivers who use this feature remain signed in to the application, thereby avoiding the screen prompts associated with signing out of a logging device and signing back in again.

WARNING: Drivers should only use this feature if they will return to duty in the same vehicle before the end of the work shift.

To begin a rest break, tap the **Rest Break** button in the upper right of the driver overview screen and confirm that you want to start a break now. This will record your activity as Off Duty (Line 1) without signing you out of the application.



The application will determine the minimum rest necessary to improve driving time, and show this value as **Gain Time At**. When the required rest break time is fulfilled, **Gain Time At** and **Available Drive Time** will be recalculated.

To end a rest break, tap the red **Stop Break** button in the upper right to display the Status screen.



Choose **ON Driver** if you are returning to duty and will be operating the vehicle or **ON Not Driver** if you are the co-driver. Choose **SB** if you will continue resting in the vehicle's sleeper berth before returning to duty. Choosing any button other than **OFF Sign Out** will return to the Driver Overview screen and cause **Gain Time At** and **Available Drive Time** to be recalculated.

When you are finished using the vehicle, don't use the Rest Break feature. Instead, choose **OFF Sign Out** from the **Status** screen. This will begin the sign out process and trigger a post-trip driver vehicle inspection (if applicable).

ADD REMOVE RESOURCES

If you are the first driver to sign in during your work shift, you may be asked to review the trailers and shipments added by a previous driver, and remove or add new resources.

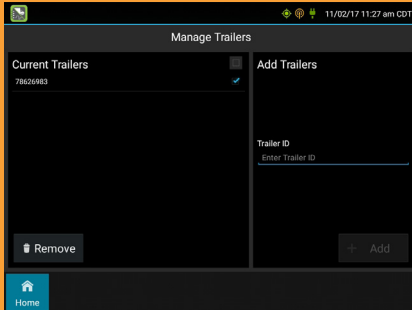
Tap **Remove** to remove the selected resource shown on the left without recording it on your log. To add a shipment, enter the ID in the **Shipment ID** field on the right and then tap **Add**. You may also add or remove resources after you are signed in.

Tap **Next** to keep all resources shown. This will record these resources, if any, on your current driver log.

Trailers

From the **Driver Overview** screen, tap the **Trailers** button.

To add a trailer to the list, enter the trailer ID and then tap **Add** (or **Enter** on the keyboard). This will add the trailer as a current resource and also record this information on the current day's log for each driver who is signed in. To drop trailers, tap on one or more check boxes in the list on the left, and then tap **Remove**. Tap on **Home** to return to the **Driver Overview**.

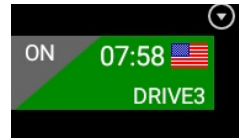


Co-Driver Login

Tap **+ Driver** to allow a co-driver to sign in.

Tap on the line that says **Enter Driver ID**, then use the on-screen keyboard to enter the Driver ID. Tap **Next** on the keyboard to move to the password line. Type your driver password. Then tap the **Done** button on the keyboard.

The co-driver will be logged into the ELD device and will need to tap either **Cancel** (if they logged in by error) or **Status**. **Cancel** will return the screen to the previous driver. Choosing a **Status** will take you to the Shipments screen where you can continue with the current shipment or add additional shipments. This will activate the co-driver on the ELD screen. To select the previous driver, tap the Driver Card, this will toggle the driver information on the ELD screen.

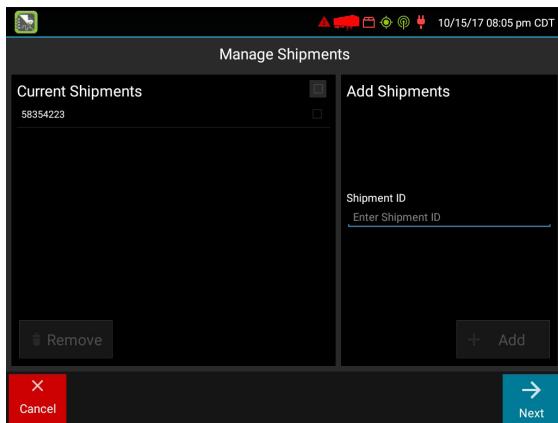


Driver Card

Shipments

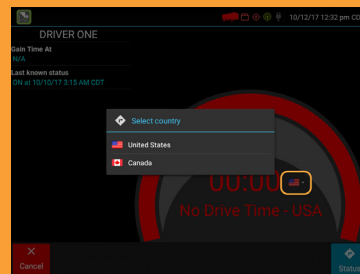
From the **Driver Overview** screen, tap the **Shipments** button.

To add a shipment to the list, enter the shipping document number (if applicable) or the shipper name and commodity name, and then tap **Add**. This will add the shipment as a current resource and also record this information on the current day's log for each driver who is signed in. To drop a shipment, tap on it once to highlight it in the list, and then tap **Remove**.



TIP: If adding multiple shipments bound for separate destinations, add them one at a time so that each is listed on a separate line. This will allow you to remove individual shipments at each stop so the shipment list always reflects your current load.

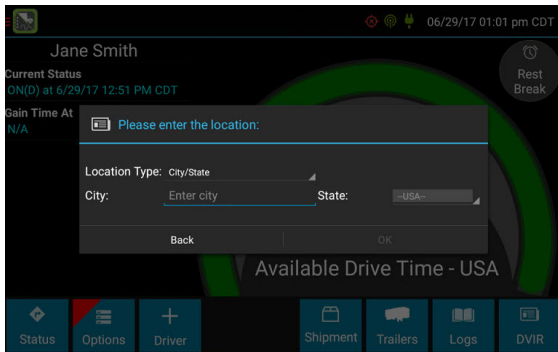
Country Selection



If you are configured in the PeopleNet Fleet Manager to operate commercial vehicles in both the United States and Canada, you may preview your driving time remaining for either country before completing the sign in process. Tap the flag icon to select your country setting. All screens, including **Driver Overview**, **View Logs**, and **Safe Mode**, will update to show your hours of service information for the selected country.

Manual Location Data Entry

The ELD device uses GPS to determine the vehicle's location at the time of each duty status change and driver vehicle inspection. If valid coordinates cannot be obtained from GPS, you will be prompted to enter the location. GPS entry consists of the following fields:



| | |
|-----------------------|---|
| Type | Choose from City/State, Intersecting Highways, Highway/Mile post or Highway/Service Plaza. |
| Name | (Optional) Enter the customer name or landmark where the status change or inspection took place. This name will appear in the Events view of your driver logs to provide additional context for your activities. See View Logs . (p. 16) |
| City | Enter the name of the city. If outside city limits, enter the name of the nearest city, town or other population center. |
| State/Province | Select the state, province, or territory. |

If GPS coordinates are not available when the automatic motion detection system records a status change, the driver will need to enter the location of that change after the vehicle stops moving.

If there is a red flag over the **Options** button, tap on it and then tap **Missing Data**. This will display the location data entry screen, where you should verify the date (month/day/year) and time at the top of the screen for each duty status change before entering the location where that change occurred. Enter an annotation to document the change.

TIP: If the logging device frequently prompts you to enter location data, reference **GPS Troubleshooting**. (p. 26)

View Logs

This screen allows you, or an official, to view your electronic record of duty status (daily log) for each day required to be in your possession¹. It also allows you to certify your logs and accept or reject edits to your logs that were proposed by a user on the PeopleNet Fleet Manager website. If all the details do not fit on one screen, swipe the screen up and down to scroll.




Starting from the **Driver Overview** screen for the driver, tap **Logs** to see the grid view (graph of duty statuses) for today's date (month/day/year). Tap the **Events/ Grid** button to toggle between the grid view and a line-by-line detail view. Use the arrows on either side of the date or swipe the screen side to side to navigate through your log history. The **Details** button displays general carrier, driver, and ELD information. The **Certify** button allows you to certify your log for the day displayed.

¹ See US 49 CFR §395.15(b)(4) and CA SOR-2005-313 §84



GRID

- Graph of all duty statuses for each 24-hour period starting at midnight
- Total hours
- The grid is color coded as follows:

-  Personal Conveyance (OFF)
-  Yard Moves (ON)
-  All Other Statuses

EVENTS (LOG DETAILS)

| Time | Type/Status | Vehicle Miles | Engine Hours | Sequence ID | Origin |
|------------------------------------|-------------|---------------|--------------|-------------|-----------|
| 5/23 3:51 PM | OFF | N/A | N/A | 36 | Driver |
| 5.5 mi (8.9 km) E of Moose Jaw, SK | | | | | |
| Active | | | | | |
| 11:16 AM | ELD Login | 1020 mi T | 0.0 T | 42 | Automatic |
| 5.5 mi (8.9 km) E of Moose Jaw, SK | | | | | |
| Active | | | | | |
| 11:16 AM | ON | N/A | N/A | 43 | Driver |
| 5.5 mi (8.9 km) E of Moose Jaw, SK | | | | | |
| Active | | | | | |
| 11:26 AM | Remark | N/A | N/A | N/A | Non-ELD |

- Duty status changes and locations
- Remarks and annotations
- Exceptions claimed by the driver
- Edits and requested changes
 - See **Device Abbreviation & Terms** (p. 8) for details
- Malfunction and data diagnostic events
 - See **Malfunction & Data Diagnostic Event Indicators** (p. 24) for more information

DETAILS

| | |
|---------------------------|--|
| Record Date | 6/22/2017 |
| 24-Hour Starting Time | 12:00 AM |
| Time Zone Offset from UTC | UTC-05:00 |
| Certified By | - |
| Multiday Basis | 8 Days |
| Carrier USDOT Number | - |
| Name of Motor Carrier | ISE FS Test |
| Main Office Address | 123 Main St. Coralville, IA 52241 |
| Home Terminal | Coralville Terminal |
| Home Terminal Address | 2858 Coral Ct Suite 100 Coralville, IA 52241 |
| Driver Name | Doe, John |

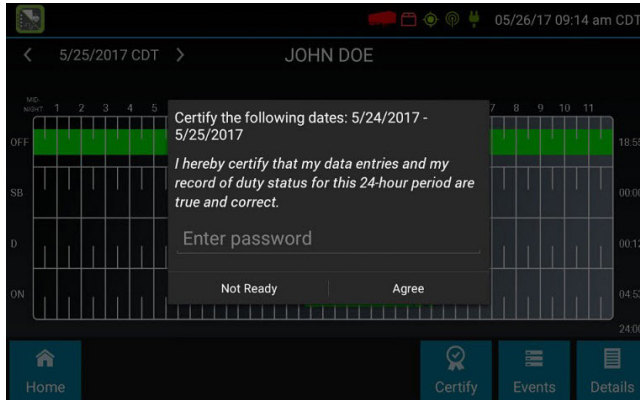
- Log date, time, and time zone
- [Canada format only] The cycle being followed
- Name of motor carrier
- USDOT number of motor carrier
- Main office address
- Driver's home terminal name
- Home terminal address
- Driver name, ID, license number, and state
- Co-driver(s)
- ELD Provider, Registration ID, and Identifier²
- Vehicles (trucks or tractors), trailers, and shipments

- Distance driven¹
- Total duty hours for the 7- or 8- consecutive day period [US format] or 7- or 14- day cycle [Canada format] ending today²
- Current odometer and engine hours²
- Current location²
- Malfunction and diagnostic indicators

¹ Excluding any distance traveled while operating a CMV as a personal conveyance

² Visible only when viewing a log for the current date

CERTIFY



- Displays a prompt to certify your log for the date displayed
- You must enter your password when certifying your logs
- Logs cannot be certified if there are pending proposed edits or Unidentified Driver events

Q: If I am off duty for several days in a row, do I have to certify each day?

A: If you have been continuously off duty for multiple days, display the log for the last day on which you were off duty, and tap the **Certify** button. You will be prompted to certify the range of dates encompassed by that off duty event.

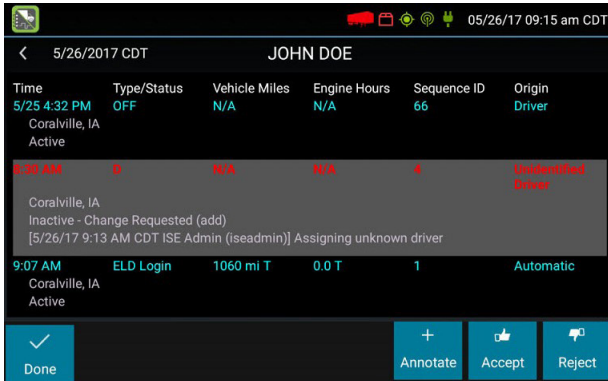
Q: What if I need to certify logs that are not available on the mobile device?

A: You will only be able to certify the previous 7 or 14 days on the mobile device, depending on your driver type. You can certify older logs through the ELD Driver Portal.

Accept / Reject

If an administrator has proposed an edit to your log, you will need to **Accept** or **Reject** the edit either from the Driver Portal or through the **Logs** screen on the device.

To view a proposed edit, navigate to the day of the edit, then tap **Events**. Scroll through the events to locate the proposed edit, shown in **red**. You can also tap **Review Logs** from the Options menu to navigate to any log that requires review. See **Driver Options** (p. 20). Tap the proposed event and tap **Accept** or **Reject**. You can use the **Annotate** button to add a comment to the event.



Q: What happens if I reject an edit?

A: The event will be displayed as Inactive - Rejected. Your availability will not be affected and you will not need to re-certify the log.

Q: What happens if I accept an edit?

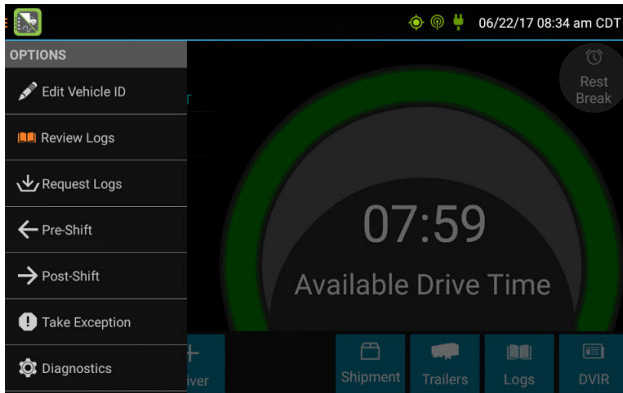
A: The event becomes an active event in your log. Your availability is recalculated accordingly and you will need to re-certify the log.

Q: What if an edit was proposed for a date that is not available on the mobile device?

A: You will only be able to view the previous 7 or 14 days on the mobile device, depending on your driver type. You can review older logs and accept or reject edits through the ELD Driver Portal.

Driver Options

These options provide a way to record additional information on your logs, synchronize logs with the PFM, view system diagnostics, and other functions. Starting from the **Driver Overview** screen, tap **Options**.



EDIT VEHICLE ID

This option allows you to update the Vehicle ID if the device was provisioned incorrectly or if the Vehicle ID has changed.

REQUEST LOGS

This option allows you to synchronize electronic records with the PeopleNet Fleet Manager at any time during your trip. Use this if you need to:

- Download amendments to your logs for the current or previous day(s).

This option will be disabled if the logging device is unable to open a connection to the PFM server and when the primary driver is in Driving status. See **Symbols & Warnings** (p. 6).

PRE-SHIFT

This option allows you to record On Duty, Not Driving time worked just prior to signing in. Select the date (month/day/year) and time that the pre-shift activity started and verify the total time to be added. Add an annotation when prompted to document the reason for the change. Your **Available Drive Time** will be recalculated accordingly.

This option will be enabled for up to 48 hours after the sign in process is complete if the driver's previous status was Off Duty.

Driver Options

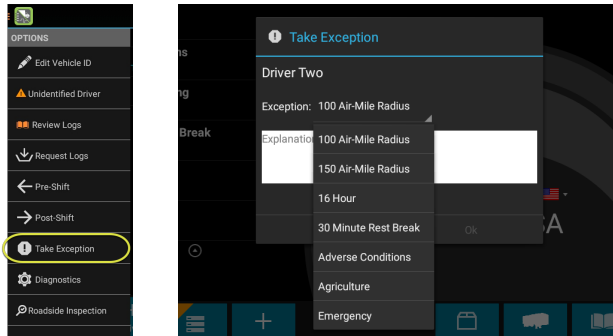
POST-SHIFT

This option allows you to record On Duty, Not Driving time worked just after the driver last signed out. Select the date (month/day/year) and time that the post-shift activity ended and verify the total time to be added. Add an annotation when prompted to document the reason for the change. Your **Available Drive Time** will be recalculated accordingly.

This option will be enabled for up to 48 hours after the sign in process is complete if the driver's previous status was Off Duty.

TAKE EXCEPTION

This option allows you to utilize one or more of the following (temporary) exceptions from hours of service regulations. When you take an exception, your Available Drive Time will be recalculated accordingly based on the type of exception claimed.



| | |
|---|--|
| 100 Air-Mile¹ | Relief from the 30-minute rest break requirement and a limitation of 12 hours of Work Shift Duty. Requires a return to the work reporting location. Only for property-carrying drivers. This exception can be invalidated. |
| 150 Air-Mile² | Relief from the 30-minute rest break requirement. Work Shift Duty limit increased to 16 hours on 2 days in a 7-consecutive-day period or after any 34-hour restart. Only for non-CDL property-carrying drivers. This exception can be invalidated. |
| 16 Hour³ | Work Shift Duty limit increased from 14 to 16 hours. Does not increase Work Shift Driving limit, and may only be used once every 7 consecutive days or after a 34-hour restart. This exception can not be invalidated. |
| 30 Minute Rest Break⁴ | Relief from the 30-minute rest break requirement. Only for property carrying drivers. This exception can be invalidated |
| Adverse Conditions⁵ | Work Shift Driving limit increased by up to 2 hours. Does not increase Work Shift Duty limit, and may not be used during the same shift with 16 Hour. This exception can not be invalidated. |
| Agriculture⁶ | Relief from all Driving, Duty, and Rest Break/Off Duty rules. Only used during state-specified planting and harvesting periods. This exception can not be invalidated. |
| Emergency⁷ | Relief from all Driving, Duty, and Rest Break/Off Duty rules. Only used in a declared Federal, State, or local State of Emergency. This exception can not be invalidated. |

¹ Certain restrictions apply; see US 49 CFR §395.1(e)(1)

² Certain restrictions apply; see US 49 CFR §395.1(e)(2)

³ Available to limited US drivers. Other restrictions also apply. See US 49 CFR §395.1(o).

⁴ Available to limited US drivers

⁵ Certain restrictions apply; see US 49 CFR §395.1(b)(1), US 49 CFR 395.2, and CA SOR-2005-313 §76(2).

⁶ Certain restrictions apply; see US 49 CFR §395.1(k)

⁷ Certain restrictions apply; see US 49 CFR §390.5 or US §395.1(b)(2), and CA SOR-2005-313 §76(1).

Driver Options

INVALIDATE EXCEPTION

This option allows you to invalidate a previously-taken exception. This option is only available for the exceptions of 100 Air-Mile Radius, 150 Air-Mile Radius, and 30 Minute Rest Break.

DIAGNOSTICS

This option allows you to view identification information about the device, as well as a general system health check. Tap and hold on **System Check** to view system details.

REVIEW LOGS

This option is visible if you have uncertified logs or if a non-driver PeopleNet Fleet Manager user has proposed an edit to your log that requires your attention. Tapping this option will take you to the log(s) requiring review. See **Certify** (p. 18) and **Accept / Reject** (p. 19) for more details.

MISSING DATA

This option allows you to back-fill information for duty status changes that have been recorded in the past. This option is only visible if required information (most typically the vehicle's location) was not available when the duty status change was recorded. See **Manual Location Data Entry** (p. 15).

UNIDENTIFIED DRIVER

This option allows you to add driving events to your log that were recorded while no driver was signed in to the device. Unidentified driver events are recorded any time the vehicle is moved without a driver signed in, or with multiple drivers signed in but none in **ON Driver, YM, or PC** status. **To avoid these events, always make sure to properly sign in to the device before moving the vehicle.** This option is only visible if unidentified driving events are associated with this device.

Tapping this option will take you to the log date with the unidentified driver event(s). Once you have reviewed the event details, tap the event and then tap **Accept** or **Reject** to either add the event to your log or discard it. Rejecting the event will remove it from your view on the device. Other drivers and non-driver PeopleNet Fleet Manager users will still have the ability to view and accept or assign the event.

When you **Accept** an unidentified driver event, it is added to your log and your **Available Drive Time** is recalculated accordingly. The system automatically places you in an **ON Not Driver** status following the unidentified driver event. Both the unidentified driver Driving and following On Duty event will appear on your log with an **Origin of Unidentified Driver**.

Q: What if I Reject an Unidentified Driver event by mistake?

A: Rejecting the event permanently removes it from your view on the device. Contact your carrier to have them assign the event to you as a proposed edit from the PeopleNet Fleet Manager. You will first need to certify your log before the administrator can propose an edit.

Q: What if I Accept an Unidentified Driver event by mistake?

A: If the driver who should have accepted the event is your co-driver, you can reassign the event to them. Tap on the driving event and tap **Reassign**. Enter your password when prompted, select the co-driver from the list, enter an Annotation (comment), and click **Reassign**. Your co-driver must then enter their password to approve the change. The driving event will be removed from your log and added to your co-driver's log, and both of your **Available Drive Time** will be recalculated accordingly.

Driver options cont.

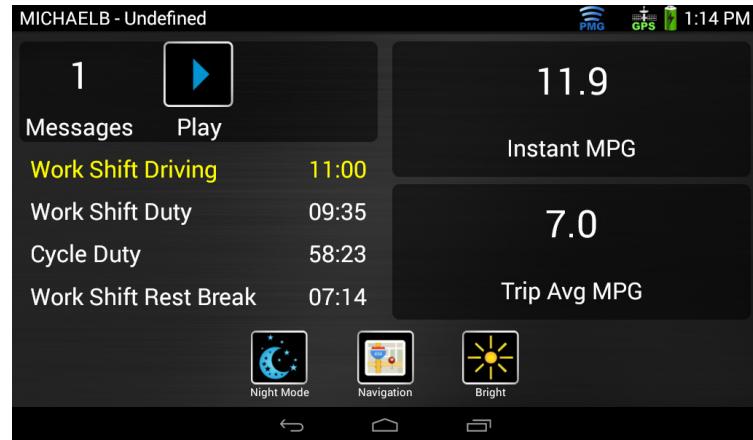
ROADSIDE INSPECTION

This option allows an enforcement official to review your logs and allows you to send your logs for the current 24-hour period and the previous 7 consecutive days via email or webservice on the request of an enforcement official. To send your logs, tap **Roadside Inspection** and then tap **Data File Transfer**. Tap either **Email** or **Webservice**, as directed by the enforcement official. The official should provide you with a code to be entered in the Comments field. Enter the code exactly as provided. Do not include the word “code” or any other text. See **Instructions for Law Enforcement Officials** (p. 30) for more information.

Safe Mode

Safe Mode limits driver interaction with the system while the vehicle is moving. Safe Mode is setup by the fleet administrator who configures the unit from the PeopleNet Fleet Manager.

TIP: If the person operating the vehicle is in Driving status and has less than one hour of driving time left, audio warnings will sound periodically.



Malfunction & Data Diagnostic Event Indicators

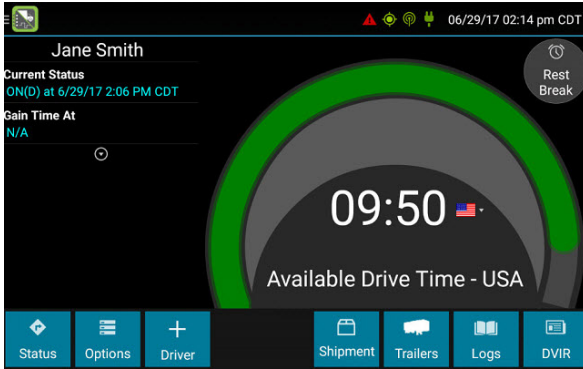
See the following tables for ELD malfunction and data diagnostic event definitions. General troubleshooting steps can be found in the **Troubleshooting** (p. 26) section.

| Code | Data Diagnostic Event | Description |
|------|--------------------------------|---|
| 1 | Power | Device was not powered on within 1 min of the engine receiving power, or lost power at any point while the engine was powered on. |
| 2 | Engine Synchronization | Device was not able to receive data from the ECM (or other data source) within 5 seconds of requesting the data. |
| 3 | Missing Required Data Elements | Device is missing required information for reporting on driver logs. |
| 4 | Data Transfer | Device is unable to confirm the proper operation of the certified primary roadside transfer mechanism. |
| 5 | Unidentified Driving Records | More than 30 min of driving in a 24-hour period is recorded under the unidentified driver profile. |

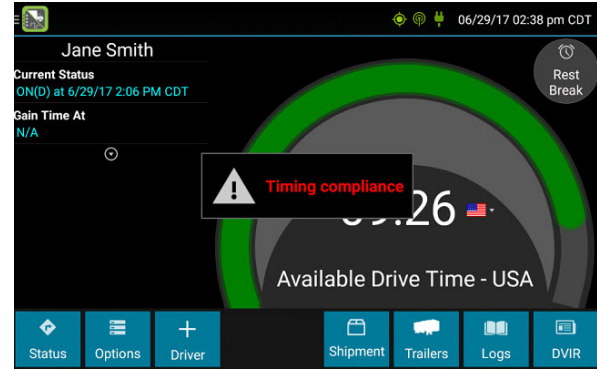
| Code | Compliance Malfunction | Description |
|------|------------------------|---|
| P | Power | Device lost power during driving events for a total of 30 min or more over a 24-hour period. |
| E | Engine Synchronization | Device lost connection to the ECM (or other data source) for a total of more than 30 min during a 24-hour period. |
| T | Timing | Device is not able to synchronize to Universal Time Coordinated (UTC). |
| L | Positioning | Device is not able to acquire a valid position measurement within 5 mi of vehicle movement for a total of more than 60 min over a 24-hour period. |
| R | Data Recording | Device is no longer able to record or retain required event data or retrieve locally-stored recorded logs. |
| S | Data Transfer | Device continues to fail checks of the roadside transfer mechanism for three days following a Data Transfer Diagnostic Event. |
| O | Other ELD Detected | The PeopleNet eDriver Logs application has stopped working or is not responding as expected. |



Data diagnostics appear on your device when a driver is signed in to the application. If your device enters a data diagnostic state, you will see a red triangle icon in the action bar at the top of the screen. Navigate to your log events to determine the exact type of diagnostic event that has occurred, and see **Troubleshooting** (p. 26) for common causes and resolutions.



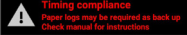
WARNING: If you are not able to immediately resolve the malfunction, you must begin keeping paper logs until the device is once again compliant. If your logs can no longer be accessed on the device, you must reconstruct your logs on paper for the current 24-hour period and the previous 7 consecutive days..



An ELD compliance malfunction appears on your device as a pop-up notification icon that sits on top of all applications. The icon will include the malfunction description. The example shown is a Timing Compliance malfunction.

You must document the occurrence of a compliance malfunction and notify your carrier in writing within 24-hours, and reconstruct your record of duty status for the current 24-hour period on a paper log. If the malfunction prevents you from accessing your logs on the device, you must reconstruct your previous 7 consecutive days of logs on paper as well.

A compliance malfunction cannot be dismissed, it must be corrected before you continue using the device as an ELD. Refer to the **Troubleshooting** (p. 26) section for common causes and resolutions. If you are not able to immediately resolve the malfunction, you must continue keeping paper logs until the device is once again compliant.



Troubleshooting

See the following tables for common troubleshooting steps.

COMMUNICATIONS

| Symptom | Possible Cause | Corrective Action |
|--|-------------------------------|--|
| System Check screen shows "Failed" for Comms The comms indicator on the Sign in screen is red | Antenna connections not solid | From the PeopleNet Mobile Gateway Home Screen, 1) Select System . 2) Select OBC Diagnostic . 3) Select Diagnostic Cell . 4) Tap Select on the bottom. Signal strength should display 1 or greater. If not 1 or greater than call PeopleNet Customer Support, (888) 346-3486. |
| Driver logs or DVIR cannot be downloaded at sign in | Cellular coverage issue | Move outside or away from buildings or other objects that may obstruct the signal. Call PeopleNet Customer Support, (888) 346-3486. |

GPS

| Symptom | Possible Cause | Corrective Action |
|---|------------------------------------|--|
| System Check screen shows "Failed" for GPS Missing locations appearing on driver logs "Record State Line Crossings" message on device | Antenna connections not solid | From the PeopleNet Mobile Gateway Home Screen, 1. Select System , 2. Select OBC Diagnostic , 3. Select Diagnostic Basic , 4. Tap Select on the bottom. GPS Antenna should be good or best if not, Call PeopleNet Customer Support, (888) 346-3486. |
| Device is recording positioning compliance malfunctions | Physical location / coverage issue | Move outside or away from buildings or other objects that may obstruct satellite view. |

IGNITION

| Symptom | Possible Cause | Corrective Action |
|--|---|--|
| Device is recording engine synchronization data diagnostic events and/or compliance malfunctions | Device not receiving engine data from ECM | Call PeopleNet Customer Support, (888) 346-3486. |

ODOMETER

| Symptom | Possible Cause | Corrective Action |
|--|---|--|
| System Check screen shows "Failed" for odometer | Cables not connected | Verify the diagnostic port connectors and any adapters used for installation are connected tightly and snapped into place. |
| Missing odometer conflicts appearing on driver logs | OBC not receiving engine data from ECM | Call PeopleNet Customer Support, (888) 346-3486. |
| Device is recording engine synchronization data diagnostic events and/or compliance malfunctions | Installation did not use the proper vehicle management cables | Verify that the correct J1708 or J1939 wires were used to connect to the vehicle wiring. Verify that the connection point on the vehicle was not bypassed by some other connection. Verify that the data lines used to connect are live and sending data from the databus. |

POWER

| Symptom | Possible Cause | Corrective Action |
|---|---|--|
| <p>“Power Failure” remarks in driver logs</p> <p>Device shutting down or rebooting unexpectedly</p> <p>Screen does not power on with engine crank or when the hardware power button is pressed</p> <p>Device is recording power data diagnostic events and/or compliance malfunctions</p> | <p>Incorrectly installed power wire or no power to the vehicle management cable connector power pin</p> | <p>Verify that the power and ground wire are receiving a constant 12 or 24 volts of power with the engine off. Verify that the vehicle management cable connector and any adapters used for installation are connected tightly and snapped into place.</p> |
| | <p>Inconsistent voltage to the device</p> | <p>Test the vehicle's battery and alternator. Check for faulty wiring; exposed or corroded wiring or loose connections.</p> |
| | <p>Device is wired through a master kill switch</p> | <p>Re-wire the device straight to a constant 12 or 24 volt source. See Installation Guide for details.</p> |

TOUCHSCREEN

| Symptom | Possible Cause | Corrective Action |
|--|---|---|
| <p>PeopleNet eDriver Logs stops responding to touches</p> | <p>Application not responding</p> | <p>Reboot the Android™ device according to the manufacturer's directions.</p> |
| | <p>Defective or damaged touchscreen</p> | <p>Have your administrator submit an RMA request to have the screen repaired.</p> |
| <p>Screen does not power on with engine crank or when the hardware power button is pressed</p> | <p>No power</p> | <p>Verify that the device is receiving power through the wiring harness.</p> |
| | <p>Defective or damaged touchscreen</p> | <p>Have your administrator submit an RMA request to have the screen repaired.</p> |

LOGIN ERRORS

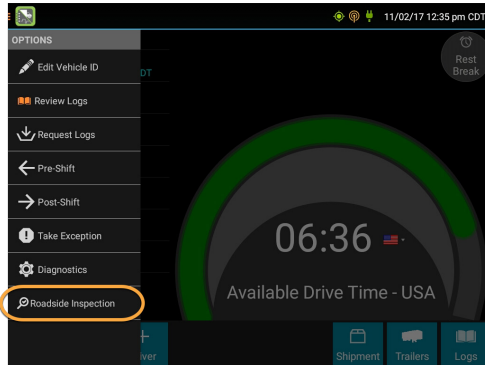
| Error Message | Possible Cause | Corrective Action |
|---|--|---|
| Driver ID or password is invalid for driver [xxx] | An incorrect ID or password was entered | Contact your administrator to verify your ID and to have your password reset. |
| Unable to reach PeopleNet Fleet Manager | No cellular connection and no credentials stored locally on the device | See Communications (p. 26) section. |

APPLICATION ERRORS

| Error Message | Possible Cause | Corrective Action |
|--|------------------------------------|---|
| Device is recording or displaying "Other" compliance malfunction | Application has stopped responding | Reboot and/or reprovision the device. Call PeopleNet Customer Support, (888) 346-3486 for further assistance. |

ROADSIDE INSPECTION

To review the driver's electronic record of duty status (daily log) for each day required to be in their possession, tap on **Options** and then tap **Roadside Inspection**.



This will show you the log grid starting with the current day. Tap the **Events/ Grid** button to toggle between the grid view and a line-by-line detail view. Use the arrows on either side of the date or swipe the screen side to side to navigate through the log history. The **Details** button displays general carrier, driver, and ELD information. The **DVIR** button will display the most recent approved DVIR and the open DVIR (if applicable).

GRID



- Graph of all duty statuses for each 24-hour period starting at midnight
- Total hours
- The grid is color coded as follows:
 - Personal Conveyance (OFF)
 - Yard Moves (ON)
 - All Other Status

EVENTS (LOG DETAILS)

| Time | Type/Status | Vehicle Miles | Engine Hours | Sequence ID | Origin | Other User |
|---------------|-------------|---------------|--------------|-------------|-------------------------------|------------|
| 10/26 4:12 PM | OFF | N/A | N/A | 404 | Minneapolis, MN (Minneapolis) | |
| 11:11 AM | Remark | N/A | N/A | N/A | Automatic | |
| 11:11 AM | ELD Login | N/A | N/A | 34 | Automatic | |
| 11:11 AM | ELD Login | 0 mi T | 0.0 T | 36 | Automatic | |
| 11:11 AM | ON | N/A | N/A | 37 | Driver | |

- Duty status changes and locations
- Remarks and annotations
- Exceptions claimed by the driver
- Edits and requested changes
 - See **Device Abbreviation & Terms** (p. 8) for details.
- Malfunction and data diagnostic events
 - See **Malfunction & Data Diagnostic Event Indicators for more information.** (p. 24)

DETAILS

| Record Date | 6/22/2017 |
|---------------------------|--|
| 24-Hour Starting Time | 12:00 AM |
| Time Zone Offset from UTC | UTC-05:00 |
| Certified By | |
| Multiday Basis | 8 Days |
| Carrier USDOT Number | |
| Name of Motor Carrier | ISE FS Test |
| Main Office Address | 123 Main St Coralville, IA 52241 |
| Home Terminal | Coralville Terminal |
| Home Terminal Address | 2850 Coral Ct Suite 100 Coralville, IA 52241 |
| Driver Name | Doe, John |

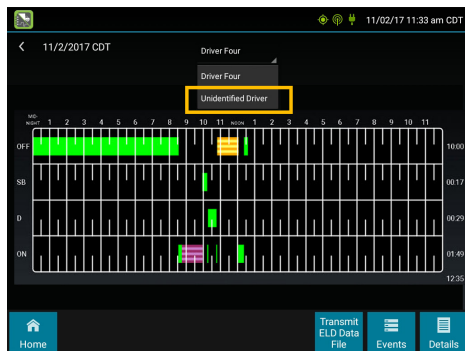
- Log date, time, and time zone
 - [Canada format only] The cycle being followed
 - Name of motor carrier
 - USDOT number of motor carrier
 - Main office address
 - Driver's home terminal name
 - Home terminal address
 - Driver name, ID, license number, and state
 - Co-driver(s)
 - ELD Provider, Registration ID, and Identifier²
- Vehicles (trucks or tractors), trailers, and shipments
 - Distance driven¹
 - Total duty hours for the 7- or 8- consecutive day period [US format] or 7- or 14- day cycle [Canada format] ending today²
 - Current odometer and engine hours²
 - Current location²
 - Malfunction and diagnostic indicators

¹ Excluding any distance traveled while operating a CMV as a personal conveyance

² Visible only when viewing a log for the current date

UNIDENTIFIED DRIVER EVENTS

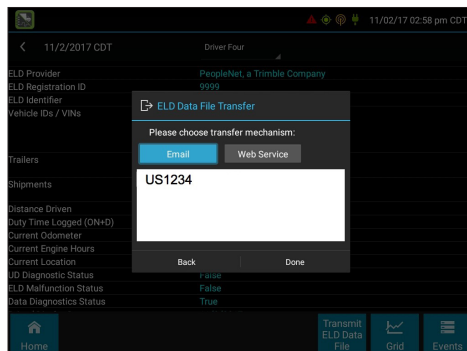
To view all unassigned unidentified driver events recorded by the device, tap the **Driver's Name** (above the grid) and tap **Unidentified Driver**. Use the arrows on either side of the date or swipe the screen side to side to navigate through the log history.



TRANSMIT ELD DATA FILE

To transmit the ELD Data File for the current 24-hour period and the previous 7 consecutive days to the FMCSA, tap the **Data File Transfer** button. Tap to select either **Web Service** or **Email**, enter a comment, and tap **Done** to complete the request and send the file. To allow the eRODS system to transmit the file directly to you, the inspecting officer, enter only your code (such as "US1234" or "IA12345") in the comments field. Do not include the word "code" or any other text.

Transmit
ELD Data
File

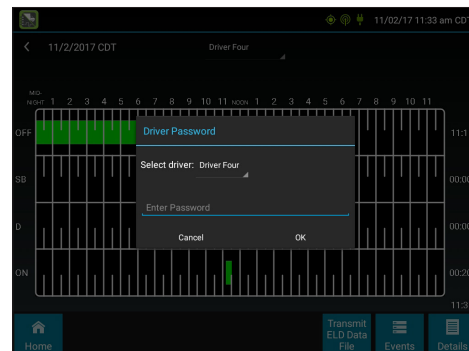


ROADSIDE INSPECTION COMPLETE

Upon completion of the roadside inspection, tap **Home** to return to the **Driver Overview**.

The driver will be required to enter their password to exit the Roadside Inspection screen.

TIP: To transmit logs in addition to the 8 days available on the device, contact the carrier to have them submit the transfer from the PeopleNet Fleet Manager website.





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