Big Rig ELD

Driver Guide

Topics:

Main Dashboard ---------- Page 2

Driver Options ---------- Page 39

Driver Logs ---------- Page 53

Editing a Driver Logs ---------- Page 67

DVIR ---------- Page 82

Data Transfer ---------- Page 99

Switch Equipment ---------- Page 111

Switch Driver ---------- Page 127

Team Driving ---------- Page 133

Documents ---------- Page 139

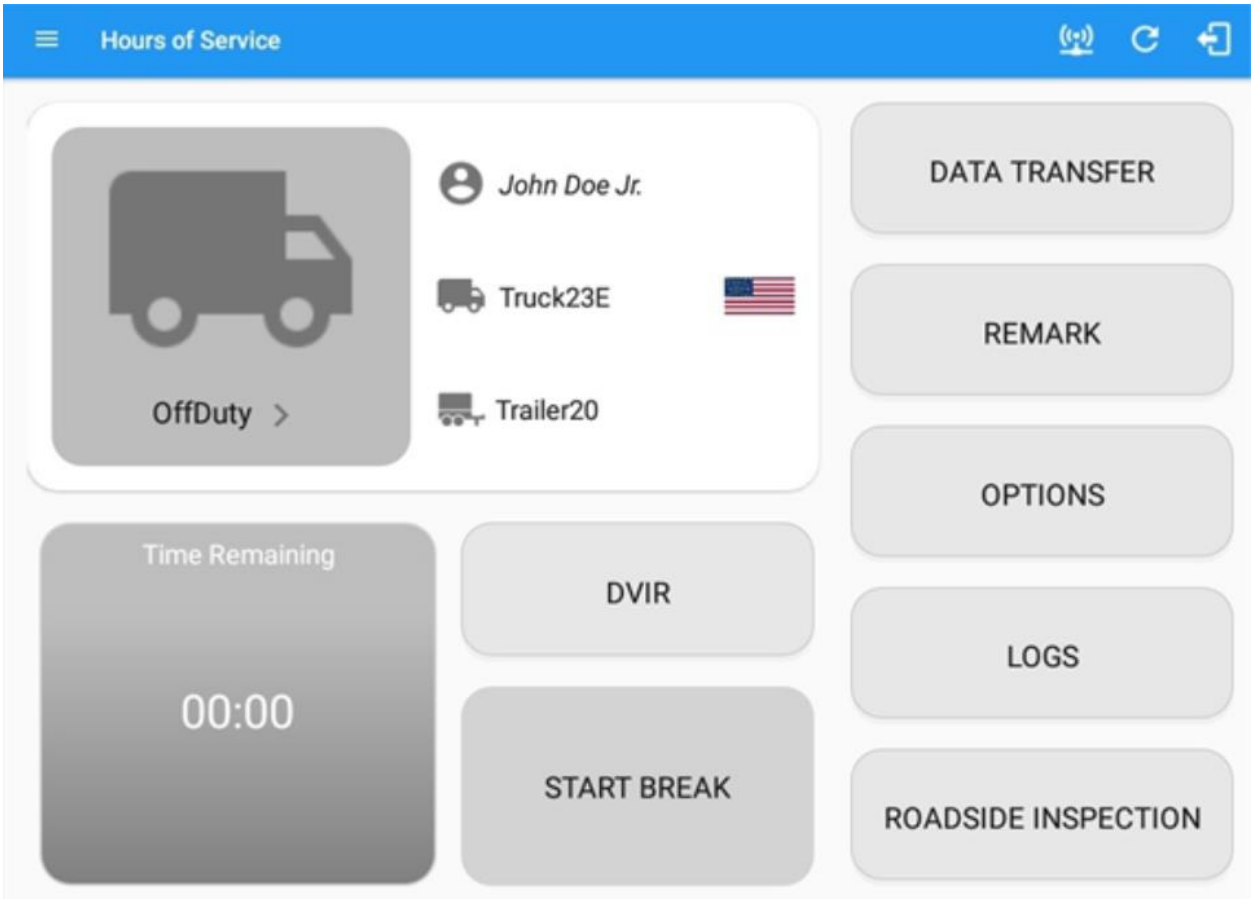
Fuel Receipts ---------- Page 145

Preferences/Settings Menu ---------- Page 151

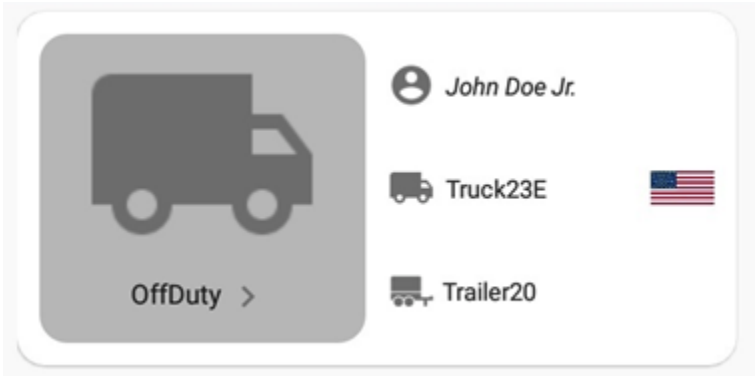
Malfunction and Data Diagnostic Events ---------- Page 179

Main Dashboard

The **Main Dashboard** main screen is where you log your duty status events and which, in turn, determines your compliance with FMCSA Hours of Service Regulations. This screen also serves as your gateway to the rest of the app's features.



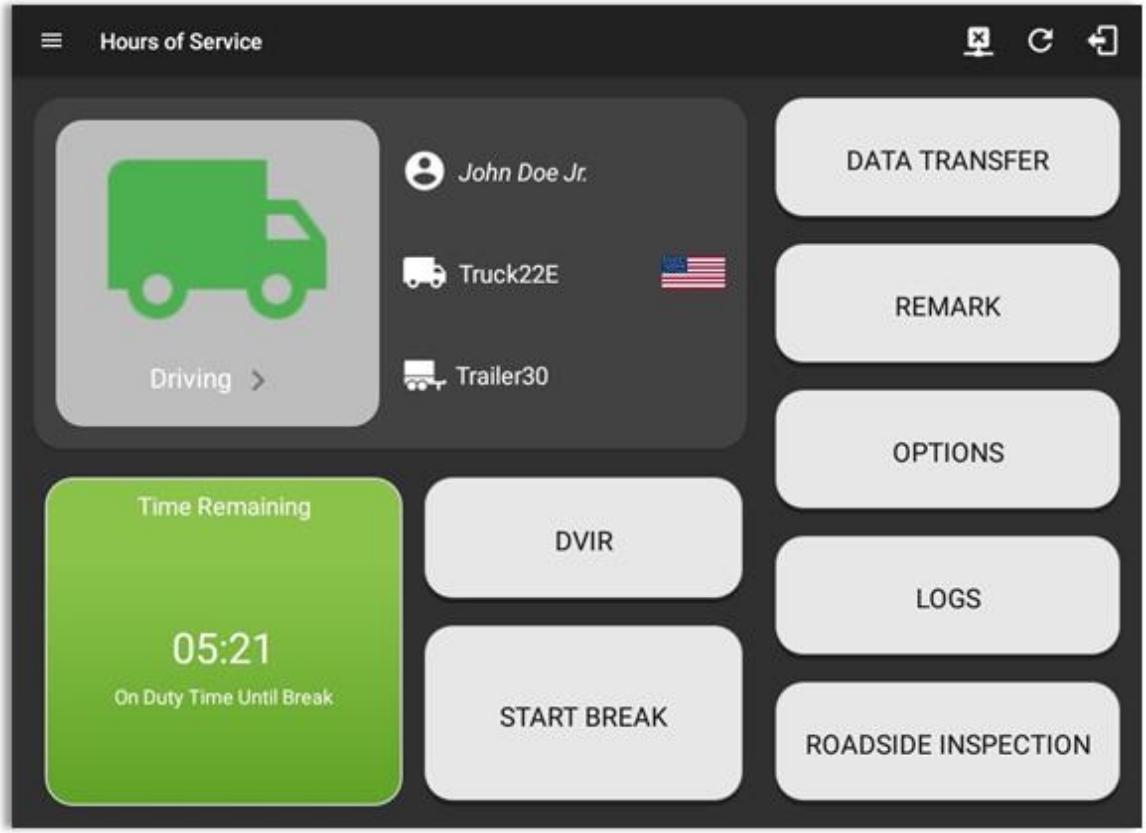
The main screen also provides essential information about the app's user:



Driver Name: Displays the name of the driver who is logged in and whose logs are displayed.

Vehicle Name: Displays the driver's vehicle name.

Trailer Name: Displays the driver's trailer.



Note: The layout shown above is the default arrangement of buttons for the Main Dashboard. The button layout for the Main Dashboard and the Options screen can be configured and rearranged in the portal's **Button Editor**

1. Using Hours of Service Action Bar

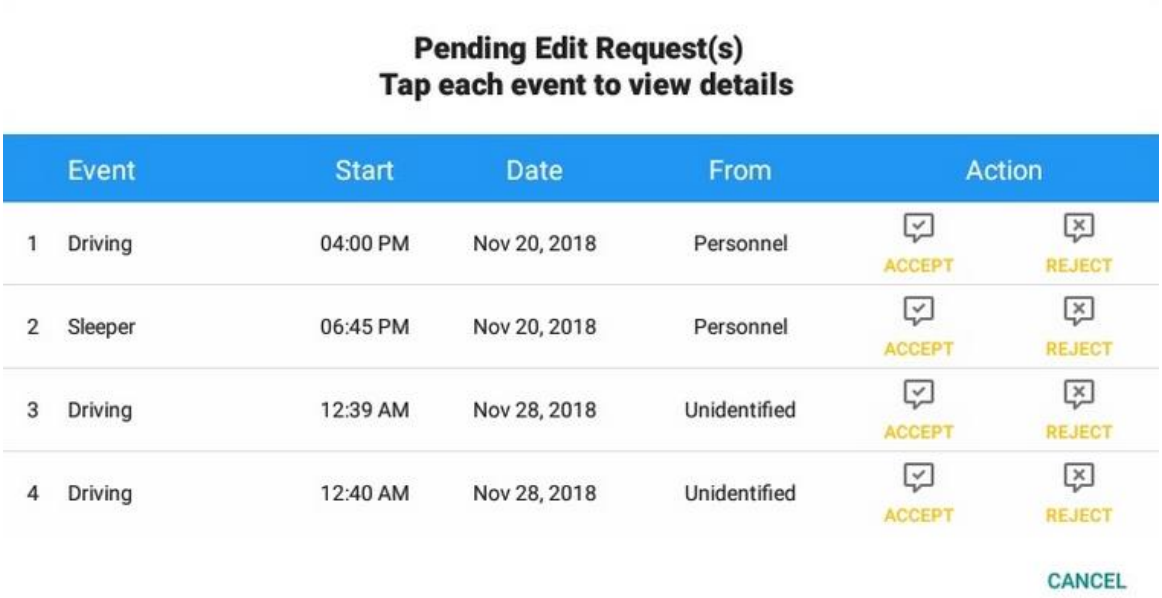
The **Hours of Service Action Bar** is the starting point for navigating to the different pages in the HOS app and is always present in the app's topmost portion.

It features the following main navigational controls of the HOS app:

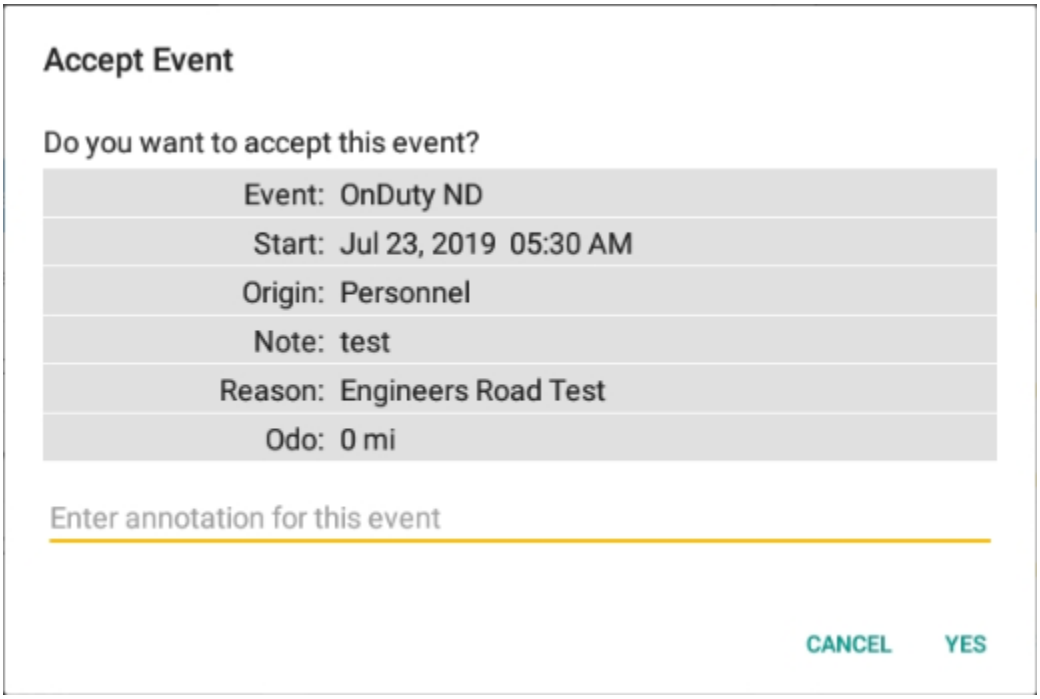
a. **Main Navigation Hamburger Icon:** Tap to open the main navigation menu of the HOS app.

b. **Pending Edit Request Button**: Icon only displays when there are request to edit events from Motor Carrier Personnel and Co-Driver(s). Tap the icon to display the list of pending edit request(s) which driver(s)

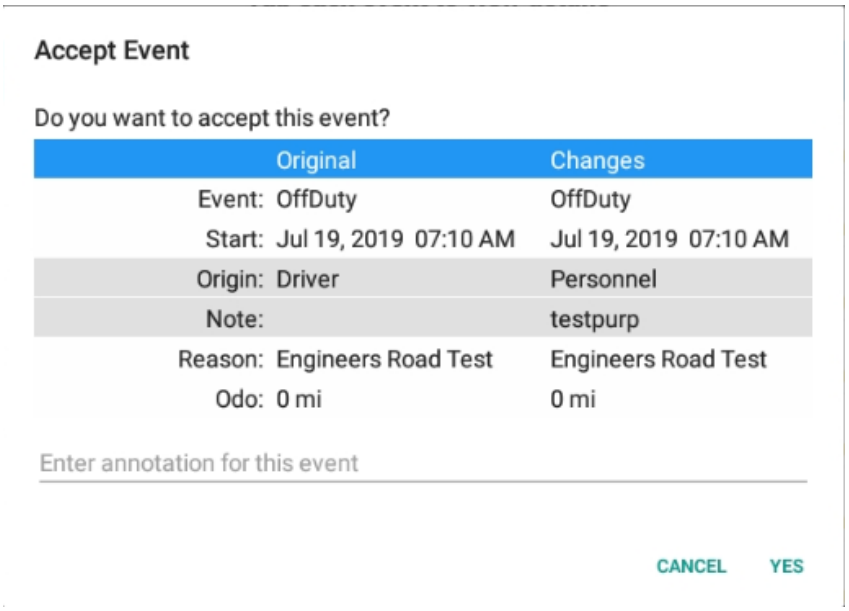
will take action to “accept” or “reject” a specific request. Pending Edit Request(s) display includes requested edits for a day that is beyond the **8 days log for USA cycle** (***14 days log for Canada cycle***).



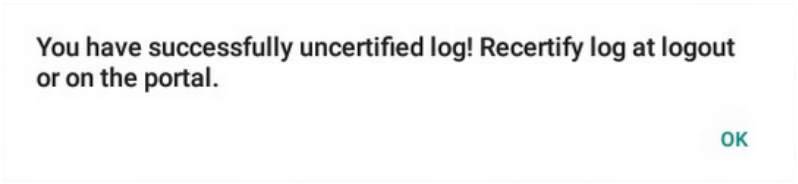
Note: On instances where the vehicle has been moving for more then 3 minutes while there is no driver logged in, the ELD automatically records this activity as "Unidentified Driving Events" under the driver: "Unidentified Driver". These events can be reassigned to actual drivers upon logging in to the app, under Pending Request(s).



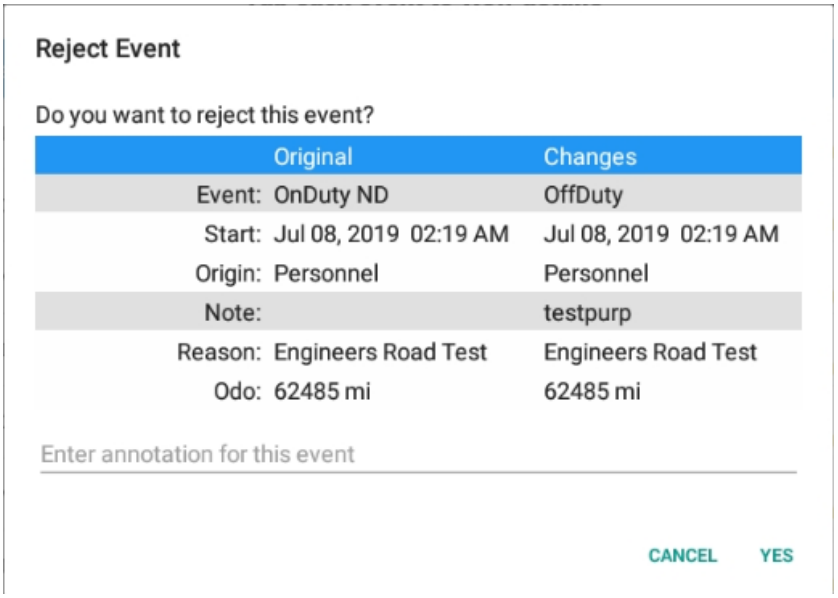
If the driver **accepts** the edit request(s) then the new status will be displayed on the events history list and will replace the old status.



Accepting the requested edits of the day that is beyond the last **8 days log for USA cycle (*14 days log for Canada cycle*)** will display a **warning** dialog informing that driver needs to **recertify** the log at logout on the app or driver can log into the drivers' portal to **certify** the log for that day.



If the driver **rejects** the edit request(s) then it will not replace the original status however the status will still be recorded in the events history list with a note ***Inactive Change Rejected (ICJ)***.



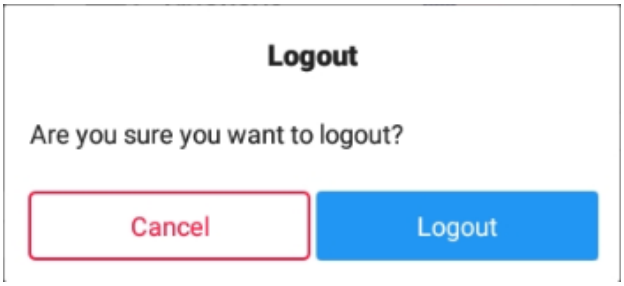
The Reject and Accept Event dialog shows the comparison of the *Original status* **vs** *the changes* (requested edits) made by the Motor Carrier Personnel. Once the edit requests are *accepted*, it will require the driver to fill in the annotation field (**Required, maximum of 60 characters**) to successfully save the changes.On the Main Dashboard, Tap on **Logs** button then edit logs. The driver can check in the events history list for the accepted and rejected event statuses.

Notes:

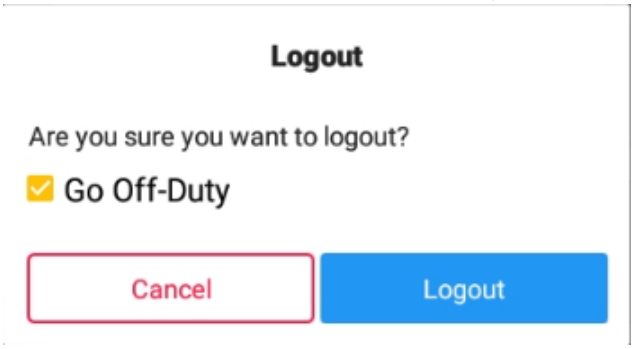
a. *Odometer* field is displayed for edit request(s) made by the Personnel
b. *Vehicle Miles* field is displayed for edit request(s) made by the Unidentified Driver
c. The Unidentified Driving Event pending edit request dialog has additional details like: **From, To** & **Equipment ID** compared to that of the Personnel's pending edit request dialog

c. **Refresh Button:** Tap to manually refresh the data in the HOS app page. Hidden under submenu icon once all icons are present.

d. **Logout Button:** Tap to log out of the app, this will also set your status to Off Duty. Hidden under submenu icon once all icons are present.

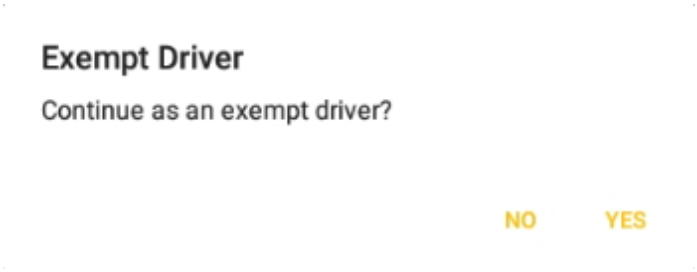


Logging out of the HOS app when the status is "Driving/On Duty" will pop up a different message dialog and will also set the driver status to "Off Duty".

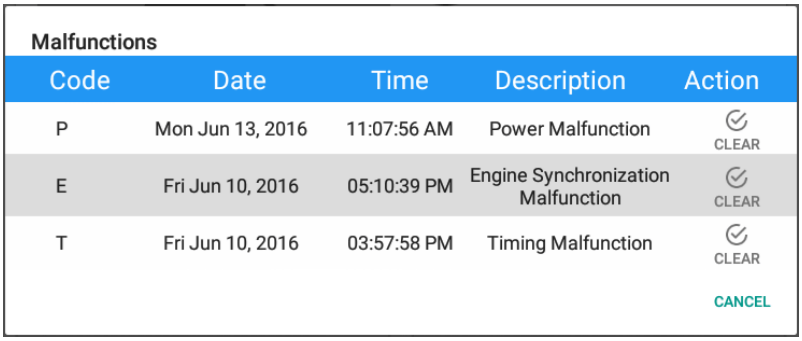


Note: Once the **"go off-duty"** option is checked, all the valid driver that logged into the HOS app will be logged out and the HOS app will be close completely (with no Snaptraq service or VBUS service running in the background). If the Driver is an **Exempt Driver** or a driver that operates under the short-haul exemption **(395.1 (e))**, upon logging in or out, a dialog will display confirming whether the driver chooses to continue as an exempt driver. By selecting the OK button, the "No Logs for Non-CDL-Driver Short-Haul Drivers operating

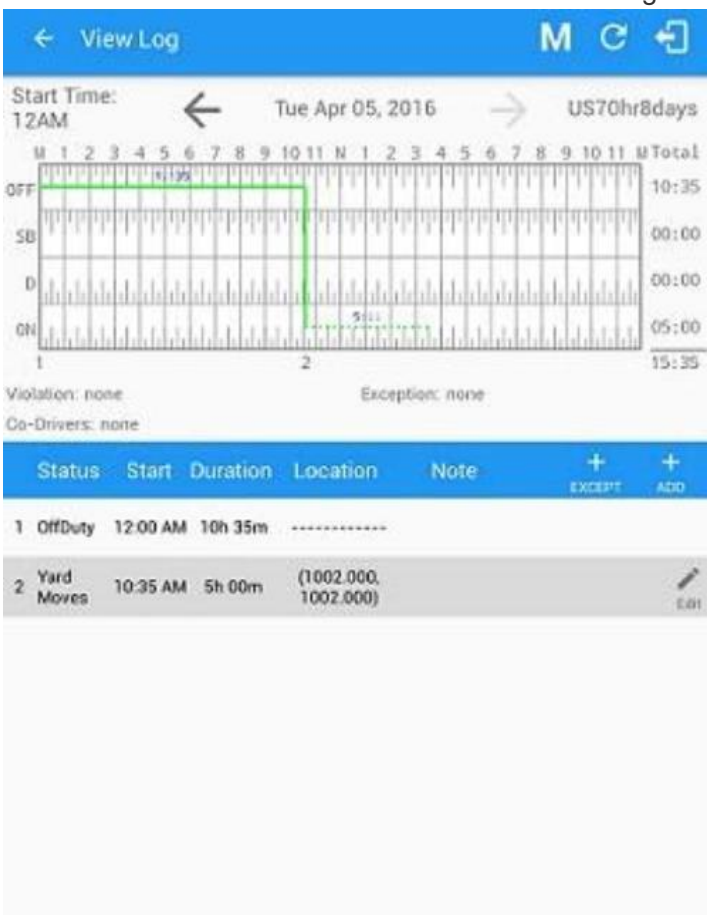
within 150 air-miles” exception will be enabled.



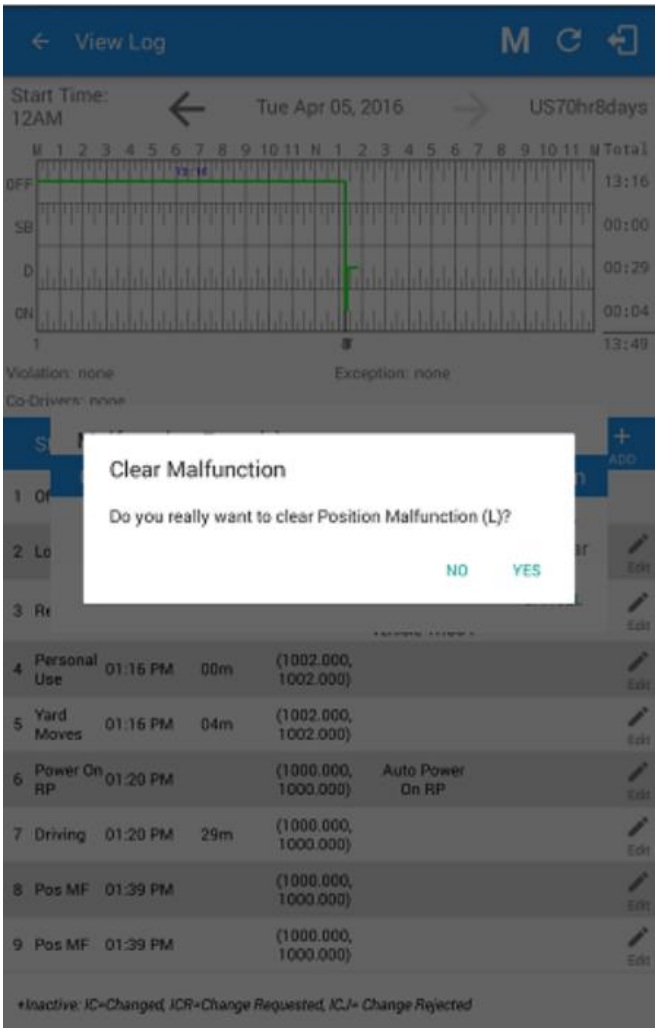
e. **Malfunction Button:** Tap to display the Malfunction Event(s) dialog .



Malfunction and Data Diagnostic icon is displayed always in the toolbar. Malfunction Indicators acquired by the driver will be displayed in the application’s Header which is always visible across all screens. There will also be a notification in the Android toolbar indicating a malfunction.



To clear the malfunction, tap on the Clear button. The Clear Malfunction dialog will then be displayed.



At each instance when an ELD malfunction or data diagnostic event is detected or cleared by the ELD, the ELD records the event.

Note: A Power Malfunction & Diagnostic will be triggered once the device is not connected to a power source and that the battery level is down to 10%.

f. **'VBUS Connection Icon:** Indicates if the device is connected to a VBUS device. and turns to

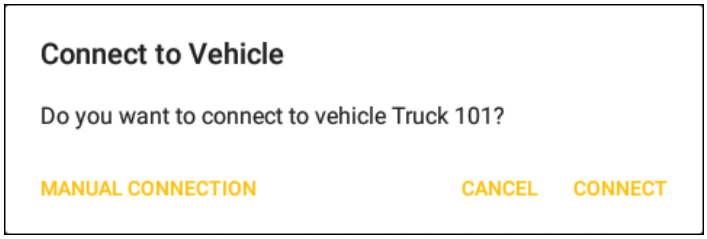
when disconnected. Hence, connection interruptions may occur which will turn into flashing icon while in a reconnecting state.
The VBUS Connection indicator will be displayed in the application's Header which is always visible across all screens.

VBUS Connection bar
The **Connect** button has the same capabilities as the connection icon

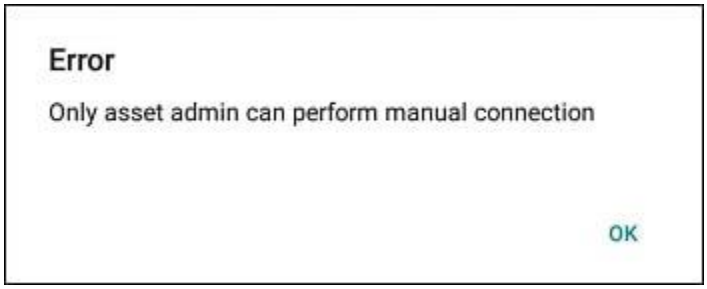
Connection Process

a. Tap the Connect button to display the Vehicle Data Settings and enable VBUS data.
   i. Manual Connection

1. Tap on the Manual Connection button

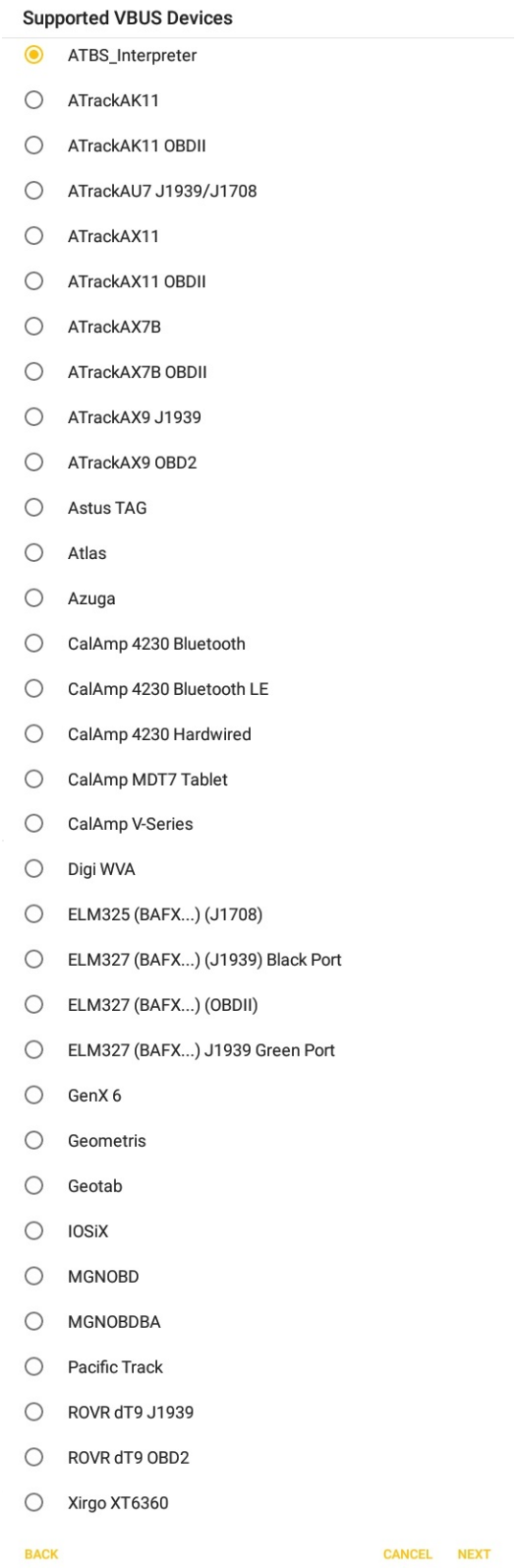


   a. **Note:** When drivers who do not have asset admin permission attempts to perform a manual connection, an error dialog will appear



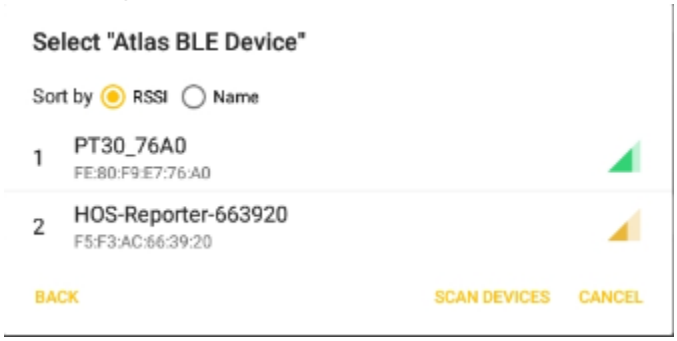
2. List of VBUS devices that would appear in the app will be configured in portal.

3. Select a supported VBUS Device and Tap ‘Next’.



4. ATBS_Interpreter, ATrack AX11 OBDII, ATrack AX7B OBDII, ATrackAU7 J1939/J1708, ATrackAX7 OBD2, ATrackAX9 J1939, ATrackAx9 OBD2, Atlas, CalAmp 4230 Bluetooth, CalAmp 4230 Hardwired, CalAmp MDT7 Tablet , CalAmp V-Series, ELM327 (BAFX,...) (J1708), ELM327 (BAFX,...) (J1939), ELM327 (BAFX,...) (OBDII), Geometris, IOSiX, MGNOBD, MGNOBDBA, Pacific Track, ROVR dT9 J1939, ROVR dT9 OBD2 and Xirgo XT6360 devices connects via bluetooth.

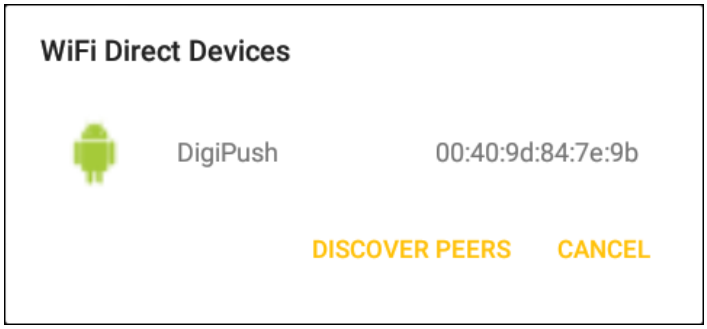
    a. Will display the Bluetooth Permission Request dialog
    b. After accepting the request, the list of Bluetooth devices will display depending on the selected device.



    c. Tap on the device name to display the Connect dialog and establish a connection to the device.

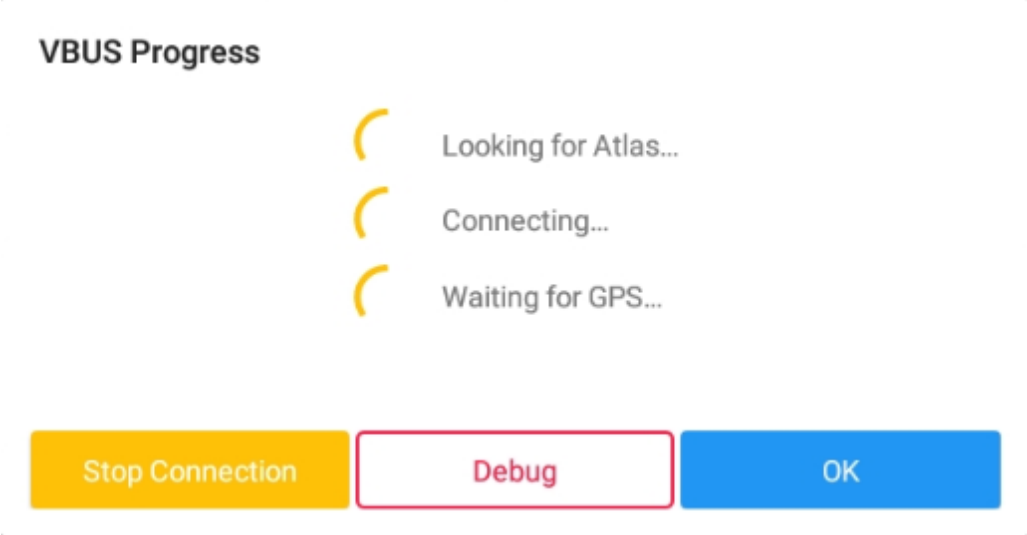
5. DIGI WVA device connects via WiFi.
    a. The ‘Configure VBUS device’ dialog will be displayed.

    b. Configure the device if it will be used for the first time.
    c. Tap on the device name to display the Connect dialog and establish a connection to the device.



d. Enter the PIN for DIGI WVA device configured for PIN Pairing mode or Hold the Digi WVA button down for 3 seconds for Digi WVA device configured for Push Button pairing.

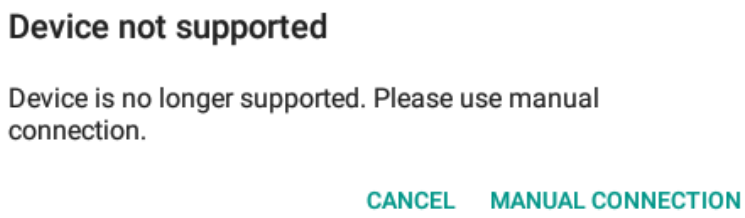
6. After tapping the device name, the VBUS Progress dialog will be displayed along with a progress spinner over the connection icon to have a visible indication of the connection progress. The driver can also enabled to cancel an in-progress connection via the OK and Stop Connection button found in the VBUS Progress dialog.



Notes:

a. VBUS data error dialog will appear when no VBUS data received within 60 seconds.

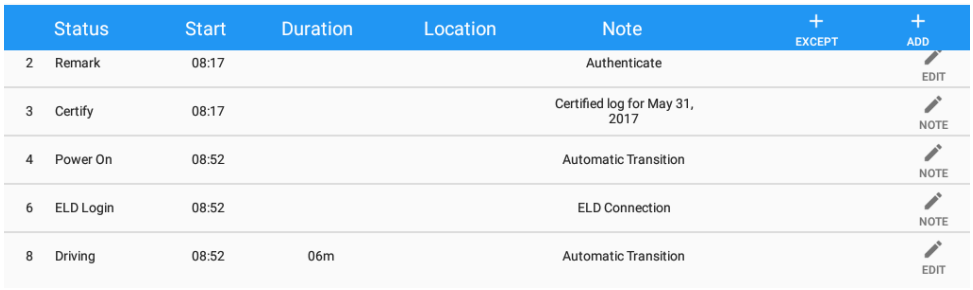
b. If the app attempts to connect to an unsupported device. the app then displays a dialog which warns the user that the equipment has an invalid VBUS device type set and that the default device type is being used. The 'Device Not Supported' dialog will be displayed stating: "Device is no longer supported. Please use manual connection." along with a Cancel and Manual Connection buttons.



c. The app also skip device selection for manual connection if device selected on the portal is only one type of VBUS device.

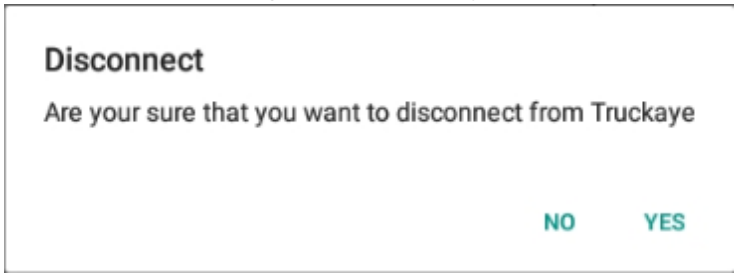
ii. Auto Connection

1. Tap on the Connect button
2. The VBUS Progress dialog will then display
3. Upon establishing a connection to the VBUS device, You should hear a tone letting you know that device is now connected and that an event 'ELD Login' will be recorded in the events list.



b. Disconnect to the device by tapping on the VBUS icon

i. Tap on the Connect button
ii. The Connection Details dialog will then display
iii. Tap on the Disconnect button
iv. The Disconnect dialog will then display



v. Tap on the Yes button to confirm disconnection from the app to the VBUS device
vi. Upon successfully disconnecting to the VBUS device, an event 'ELD Logout' will be recorded in the events list. However, if the connection was drop due to interruptions (low signal & etc.)

which will disconnect the app to the VBUS device, it will not create an 'ELD Logout' event.

	Status	Start	Duration	Location	Note	+ EXCEPT	+ ADD
8	Driving	08:52	10m		Automatic Transition		EDIT
9	Miss Diag	08:52			Missing: Location		NOTE
10	ELD Logout	09:03			ELD Disconnection		NOTE
11	Miss Diag	09:03			Missing: Location		NOTE

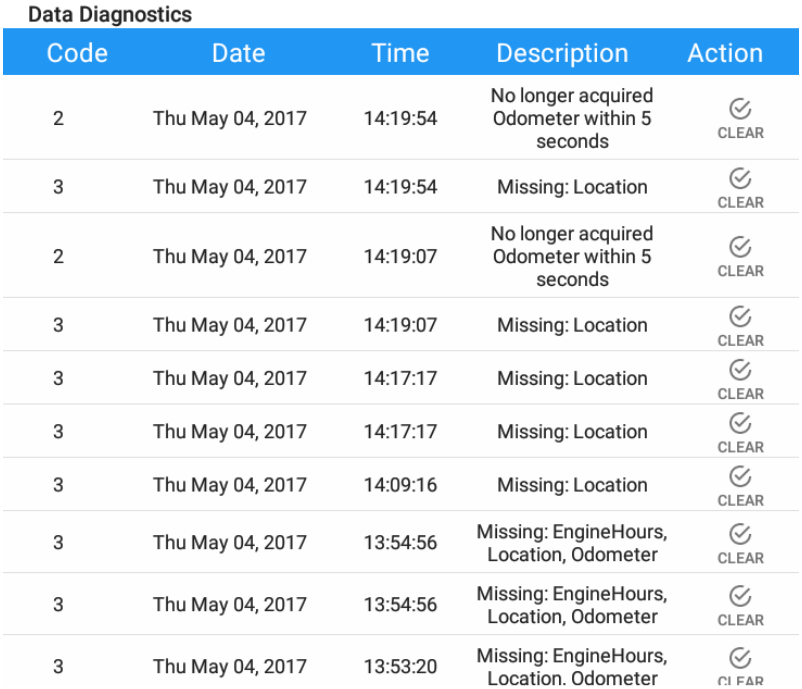
c. Accessing the VBUS Service Debug screen

i. Tap on the Debug button
ii. The VBUS Service Debug screen will then display. It shows the live vbus data which helps the driver monitor the device.

Notes:

d. If the VBUS data is disabled then the following events should not take place:
    i. [locale_translate text ='Detection of any data diagnostic or malfunction events']
e. The ELD Compliance Test should only run when VBUS is connected
f. Also, Upon connection/disconnection to the VBUS device, it logs the connection/disconnection events in the Exceptions.txt file (*found on the device storage under the app name's folder*)

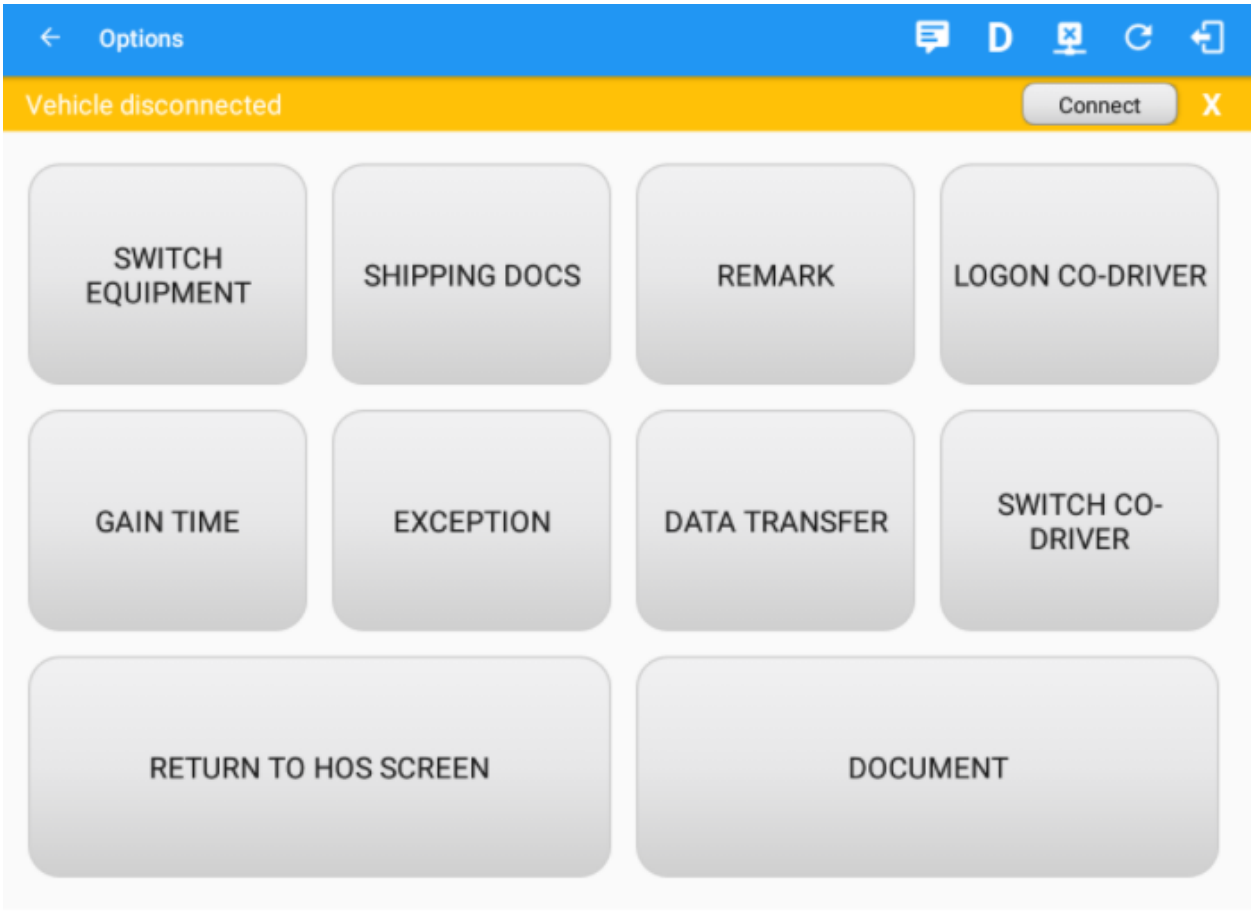
g. **Data Diagnostics Button:** Tap to display the Data Diagnostics Event(s) dialog .



Data Diagnostics

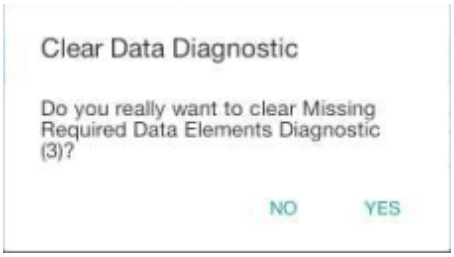
Code	Date	Time	Description	Action
2	Thu May 04, 2017	14:19:54	No longer acquired Odometer within 5 seconds	CLEAR
3	Thu May 04, 2017	14:19:54	Missing: Location	CLEAR
2	Thu May 04, 2017	14:19:07	No longer acquired Odometer within 5 seconds	CLEAR
3	Thu May 04, 2017	14:19:07	Missing: Location	CLEAR
3	Thu May 04, 2017	14:17:17	Missing: Location	CLEAR
3	Thu May 04, 2017	14:17:17	Missing: Location	CLEAR
3	Thu May 04, 2017	14:09:16	Missing: Location	CLEAR
3	Thu May 04, 2017	13:54:56	Missing: EngineHours, Location, Odometer	CLEAR
3	Thu May 04, 2017	13:54:56	Missing: EngineHours, Location, Odometer	CLEAR
3	Thu May 04, 2017	13:53:20	Missing: EngineHours, Location. Odometer	CLEAR

Data Diagnostics Events acquired by the driver will be displayed in the application's Header which is always visible across all screens. There will also be a notification in the Android toolbar indicating a data diagnostic event.



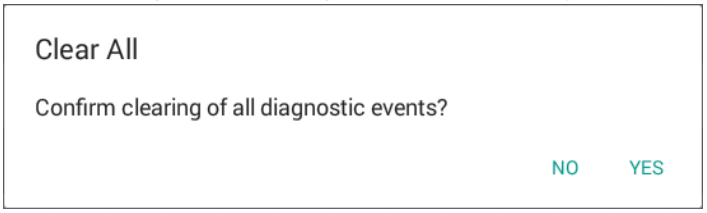
To clear the Data Diagnostics Event, tap on the Clear button.

The Clear Data Diagnostics dialog will then be displayed.



To clear all the Data Diagnostics Events on the dialog, tap on the Clear All button.

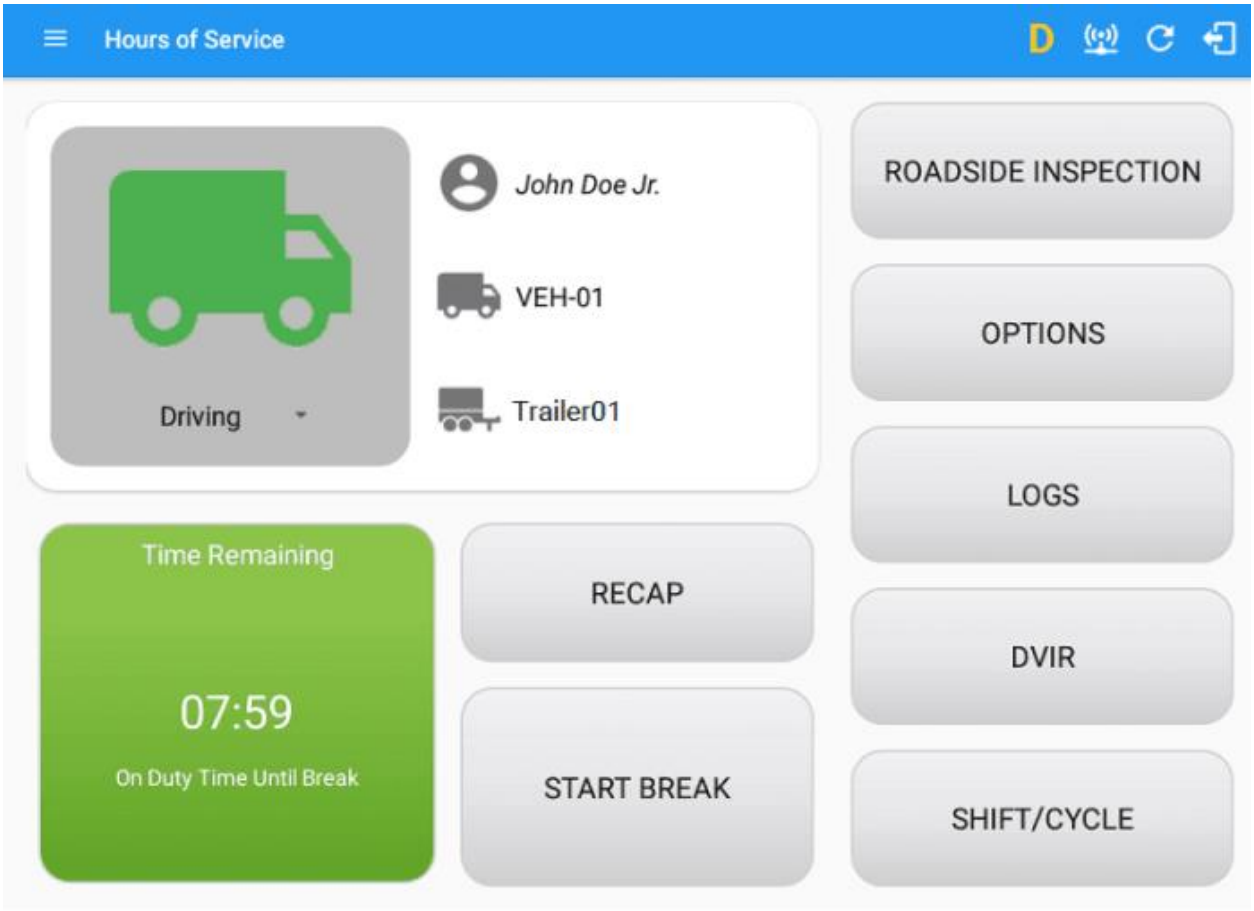
The Clear All Data Diagnostics dialog will then be displayed



At each instance when an ELD malfunction or data diagnostic event is detected or cleared by the ELD, the ELD records the event.

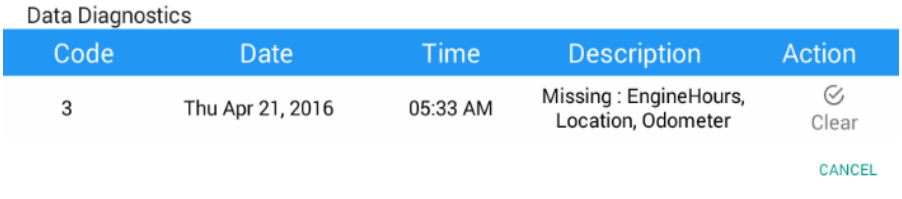
Note:

a. ELD Data Diagnostic status affects only the authenticated user, therefore, the ELD only indicate the active data diagnostics event status applicable to the active driver. Data Diagnostic Event dialog will no longer pop up whenever it occurs hence, the Data Diagnostic "**D**" icon will be in a flashing **amber** color when new data diagnostic events occurred.



The "**D**" icon will only turn back to white once the dialog for the Data Diagnostic List is closed and will flash in **amber** color again once there are new active data diagnostic events.

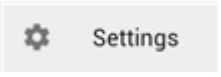
b. Tap on the "**D**" icon on the application header to display the Data Diagnostic dialog. On the diagnostic pop up dialog for Missing Required Data Elements it states the exact missing data elements instead of just generic missing data diagnostic error.

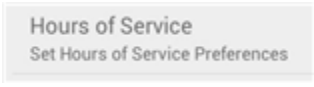


2. Customizing the Hours of Service App Preferences

The HOS apps' settings and preferences can be customized in the Hours of Service App Preferences screen. The following are the steps to navigate to this part of the HOS app:

a. Tap the **Main Navigation Hamburger** Icon or slide to the right to show the main navigation menu.

b. Select 

Settings in the HOS app's main navigation menu and proceed to the 

Hours of Service Preferences screen.

Note: The HOS app preferences/settings are automatically saved.

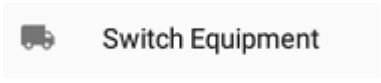
For further information, please proceed to the documentation of the Hours of Service App Preferences/Settings Menu.

2.1. Quick Guide for Setting the Vehicle Name and Trailer Name

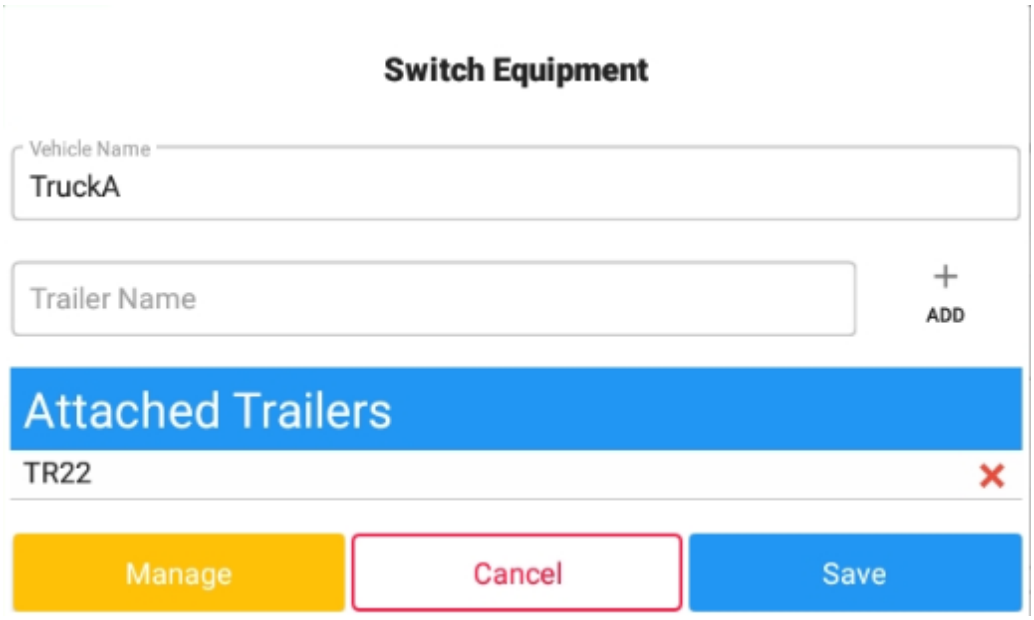
The Vehicle Name and Trailer Name can be customized in the Switch Equipment tab.

Using the Hours of Service Preferences Module At Any Time

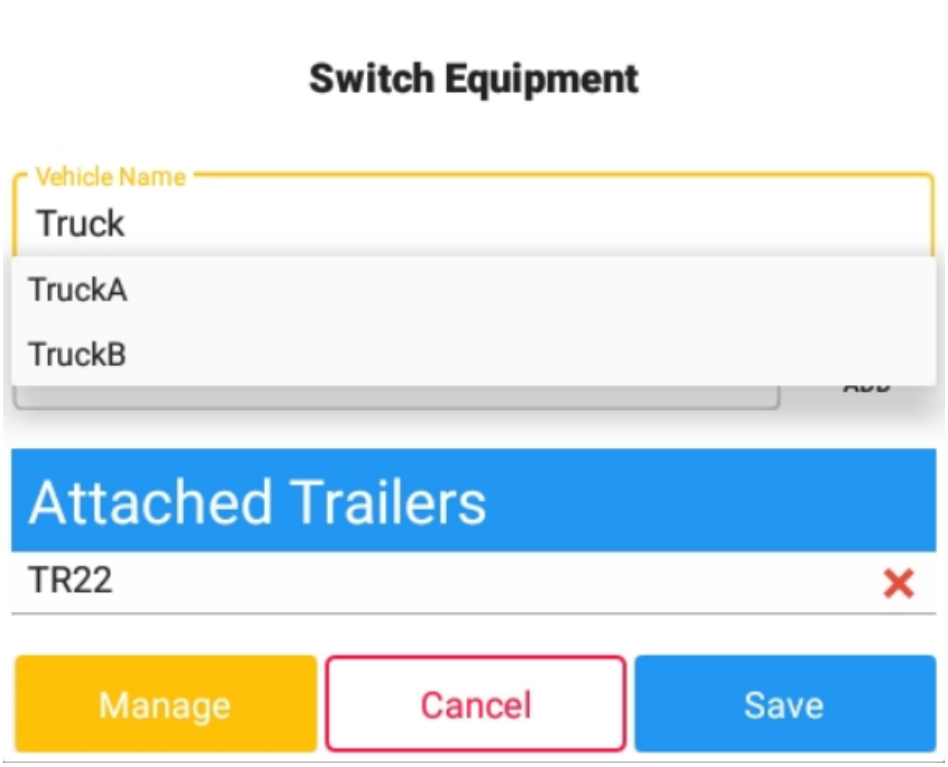
a. Update the **Vehicle Name** and **Trailer Name**: Slide to the right or tap the **Main Navigation Hamburger** icon to show the main navigation menu.

b. Tap on 

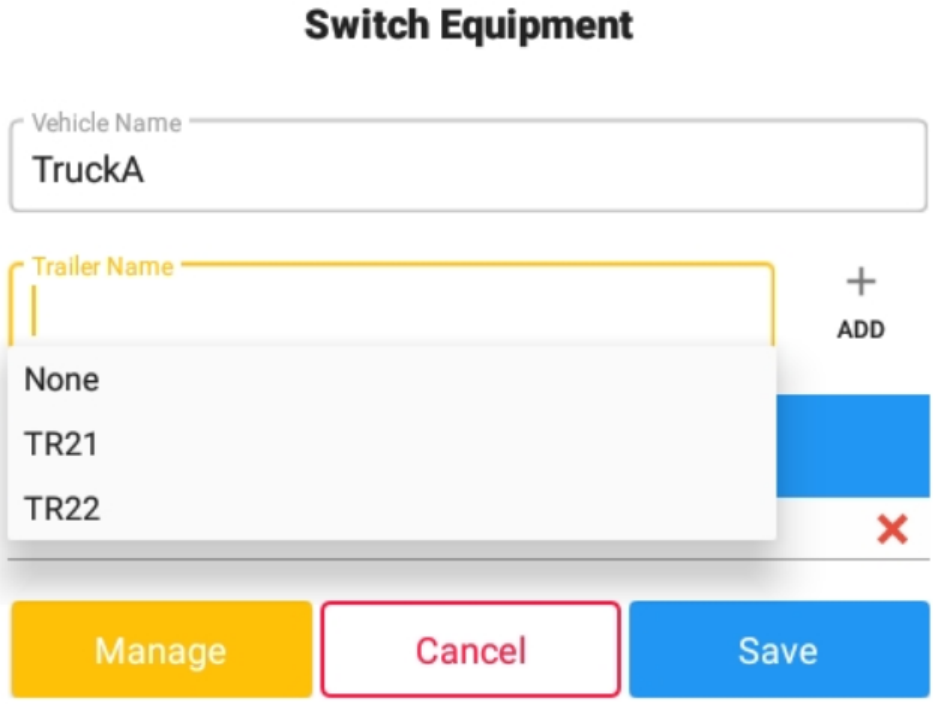
Switch Equipment option in the HOS app's navigation menu, after which a dialog will then be displayed:



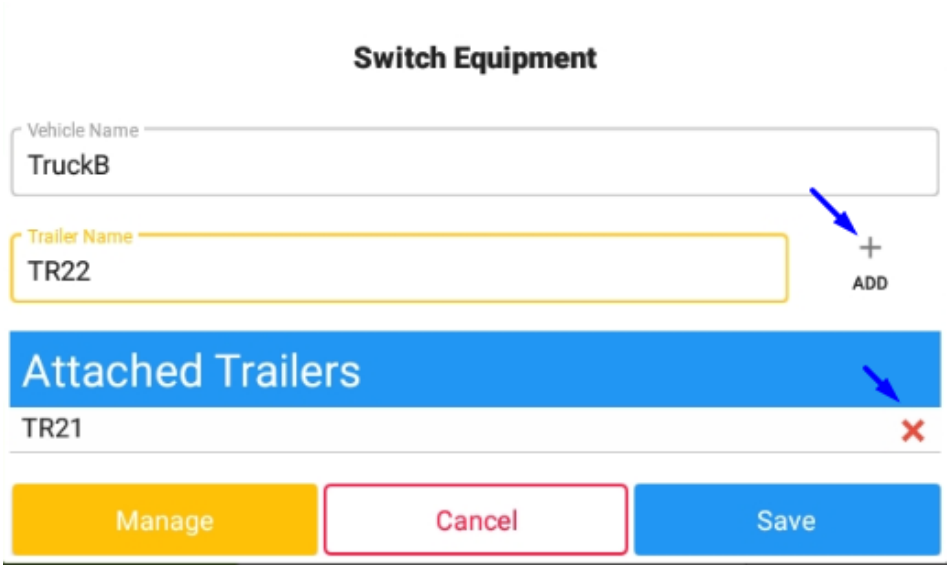
c. Tap on the drop-down list of **Vehicle Name** to select a new **Vehicle**.



d. Tap on the drop-down list of **Trailer Name** to select a new **Trailer**.



e. Tap on the **Add** button to add the selected trailer to the list of **Attached Trailers**. Tap on the **X** button on the right side of the Trailer to remove it from the list.



SWITCH

By tapping the **Switch** button, **Vehicle Name** and **Trailer Name** will then be successfully changed.

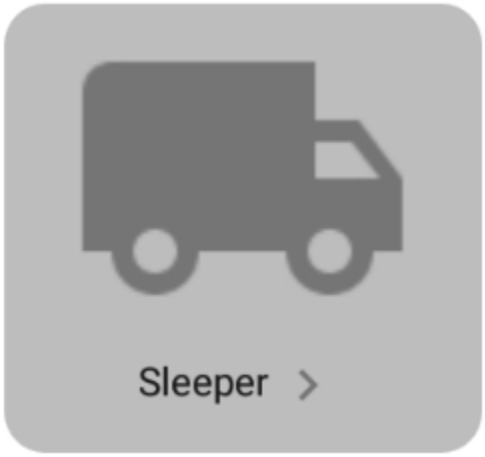
3. Changing the Driver's Duty Status

To change the duty status of the driver, tap the Duty Status button and select the appropriate driver duty status.

- ***Available Duty Status Options***

i. Off Duty

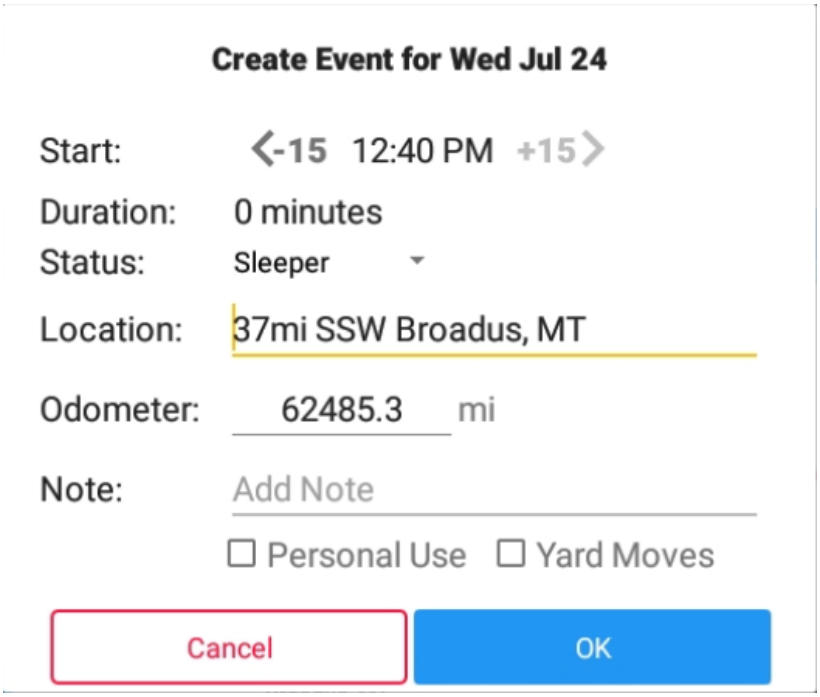
ii. Sleeper (Berth)

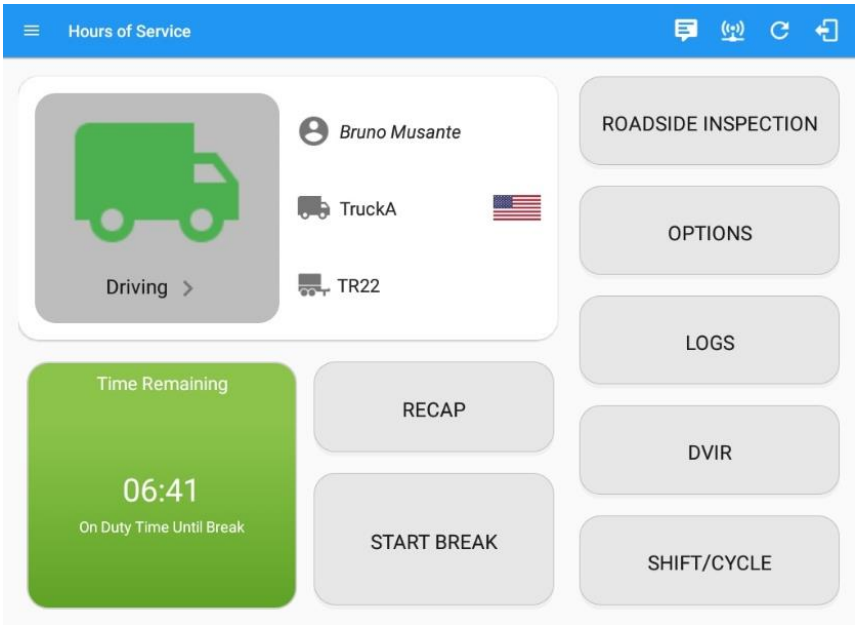


iii. Driving

iv. On Duty ND (Not Driving)

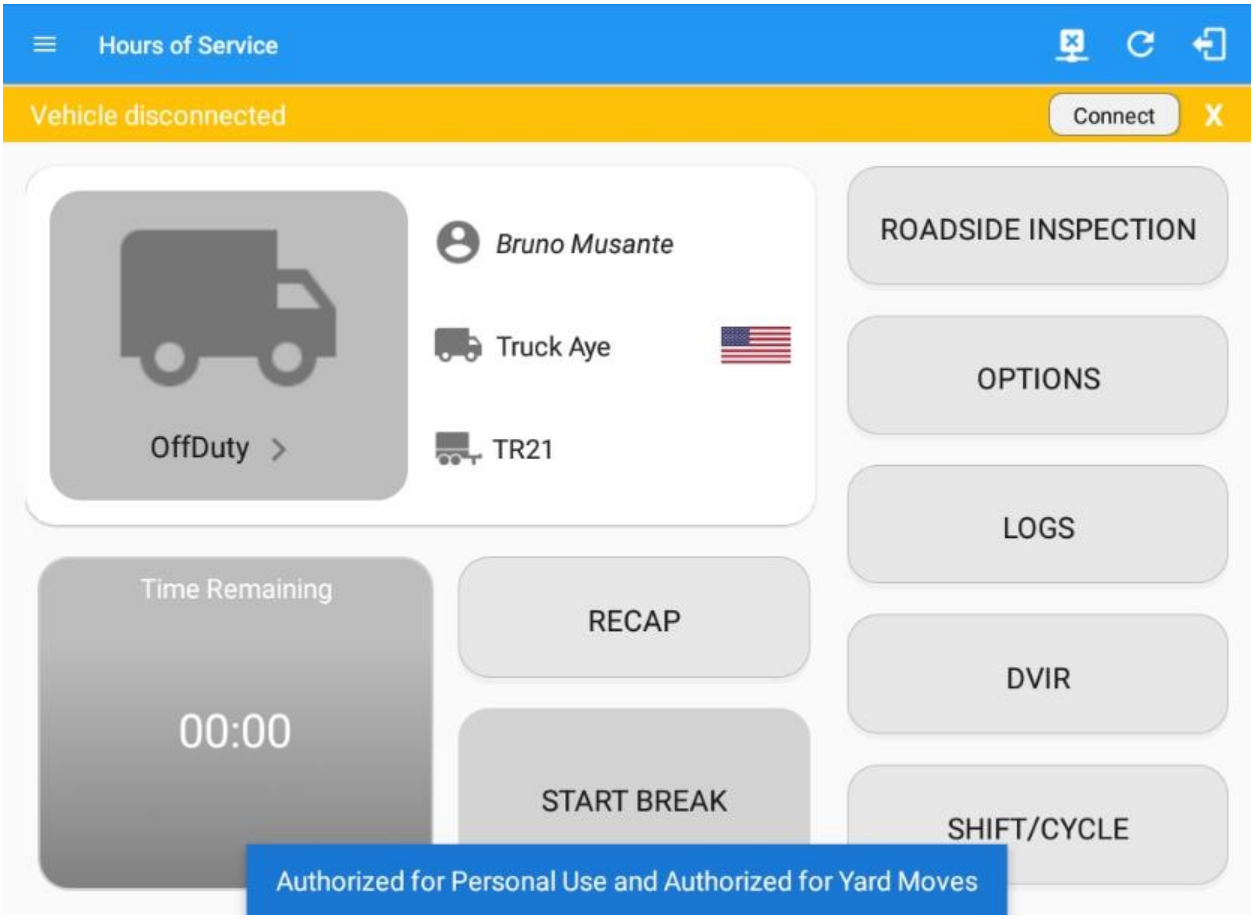
v. Waiting at Site



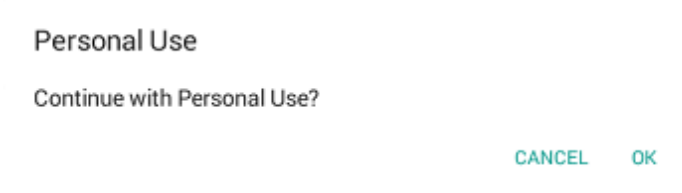


a. Selecting a status will show the **Create Event** pop up dialog. The Start Time is disabled by default to disallow the drivers to edit their Start and End time.
b. You can also change the duty status from this drop-down list.
c. All driving status will enable the following:
    a. **Personal Use** - If this is enabled, the status will be set to Off Duty automatically and will disable the Yard Moves checkbox. Selection of this option will be recorded within the events history list.
    b. **Yard Moves** - If this is enabled, the status will be set to On Duty automatically and will disable the Personal Use checkbox. Selection of this option will be recorded within the events history list.

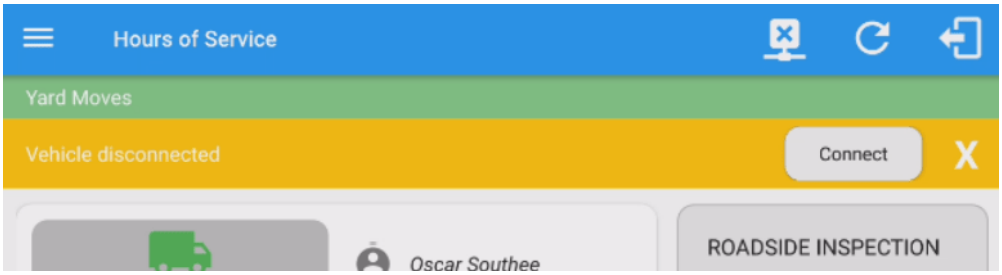
Note: The Personal Use and Yard Moves options only displays when the User Preferences and carrier value is set to true. Upon logging in to the app with the Personal Use and Yard Moves options enabled in the user preferences and account properties, a snackbar will show stating: "**Authorized for Personal Use and Authorized for Yard Moves**"



Once Personal Use is enabled and if the driver's indication is not confirmed by the driver and the vehicle is in motion (*driving status*), the ELD prompts a dialog if the driver wants to continue using authorized personal use. If the driver does not confirm the prompt and status is default to none.



A static notification bar is visible when driver is currently in Personal Use or Yard Moves



d. When changing the driving status to **"Driving"** , a snackbar reminder will launch along with the **INSPECT** link which leads to the DVIR screen, reminding the driver to perform a **Pre-trip DVIR** if he forgot to do so.
e. When the HOS app is able to get a GPS position fix, the **Location** field will be automatically filled in with the current location of the user. You can also manually fill in the **Location** field if you cannot get a GPS fix.
f. You may fill in the **Note** field for your notes or remarks.

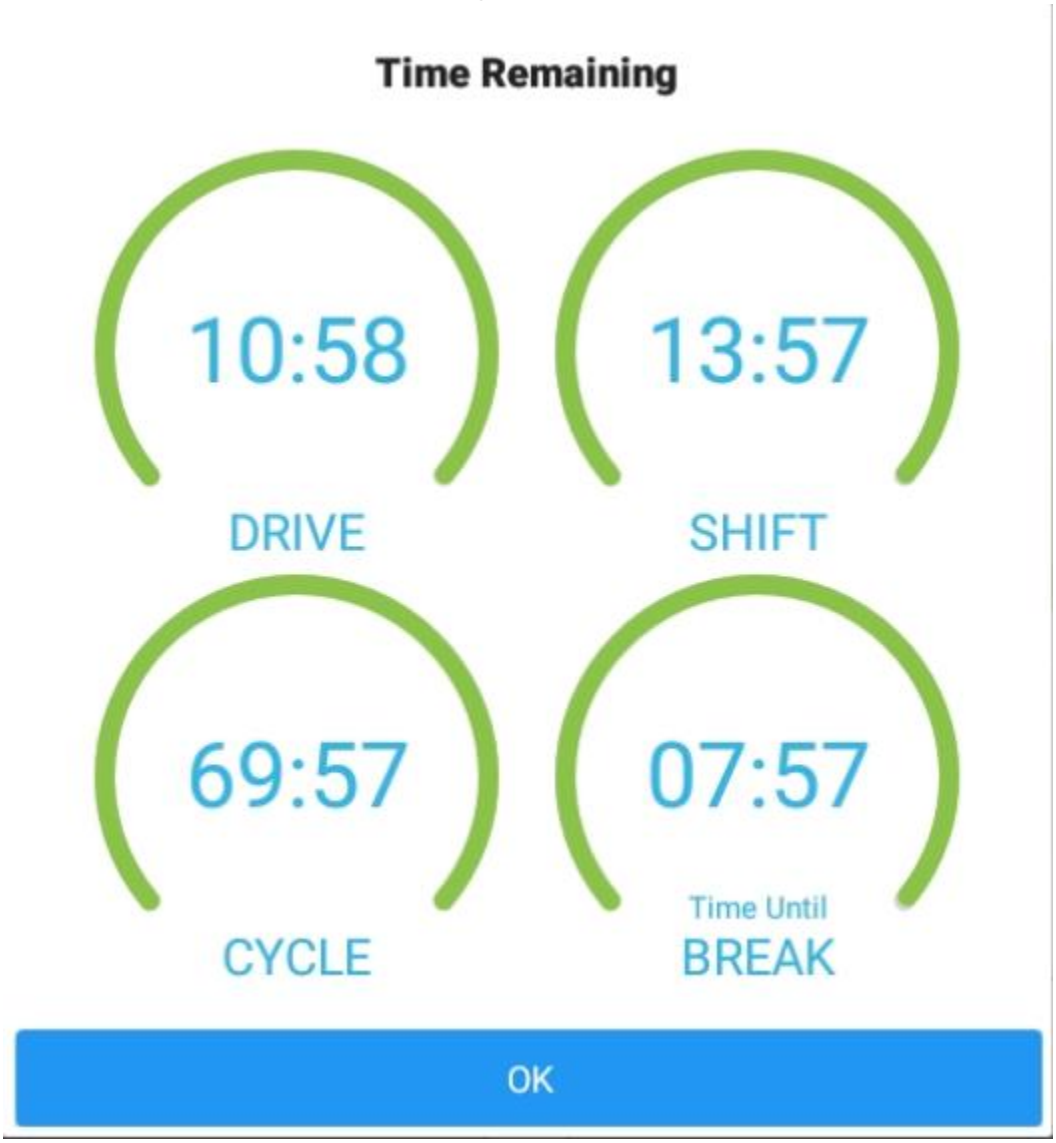
g. After filling in the details of the new duty status, tap the **OK** button to save the new duty status event. You can also select the **Cancel** button to cancel adding the said duty status.
h. **Driving** and **ON Duty ND** will be having **On Duty Time Until Break** remarks in the button

Note: When the HOS app is in the background and a violation occurs, the app launches itself along with a warning dialog for the driver.

4. Familiarizing The Hours of Service Default Dashboard Tiles

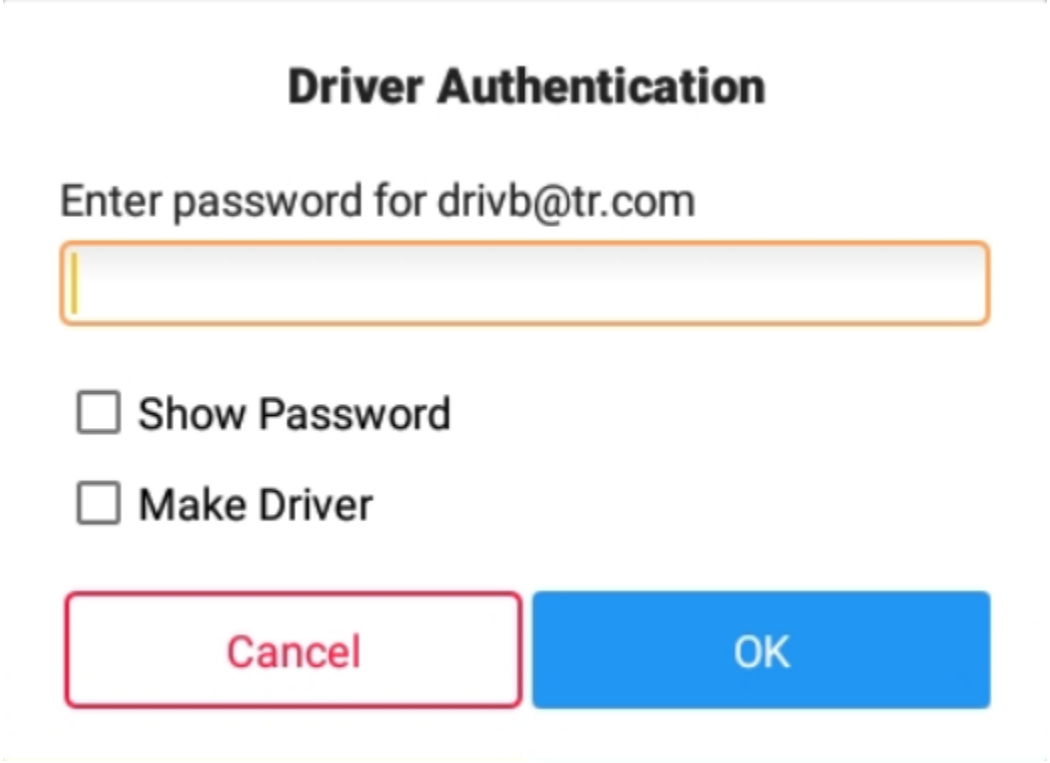
a. **Time Remaining Tile:**
    a. When the **Time Remaining Tile** changes into a **grey color** it indicates that the driver is off duty, sleeper or waiting at well site; when the tile changes into a **green color**, it indicates that the driver's status is driving or on duty; when the tile changes into a **red color**, it indicates that the driver has less than 1 hour left or has already ran out of time.

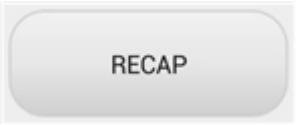
b. Tap the button to view Time Remaining Clocks.



c. If there is a logged in Co-Driver, it is possible for him/her to view the logs and access the application, but with very limited conditions. This can be done by tapping the

button to display the co-driver login screen.



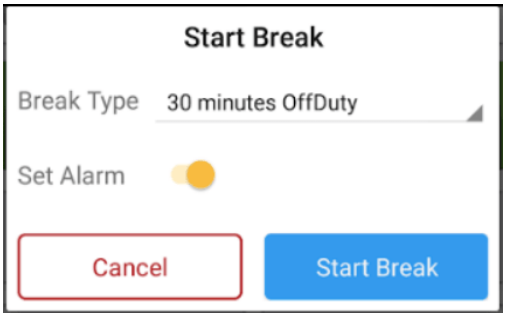
b. **Recap Tile:** 

Tap the button to bring up the recap information for the specified duty day and corresponding cycle data as of the said specified day.

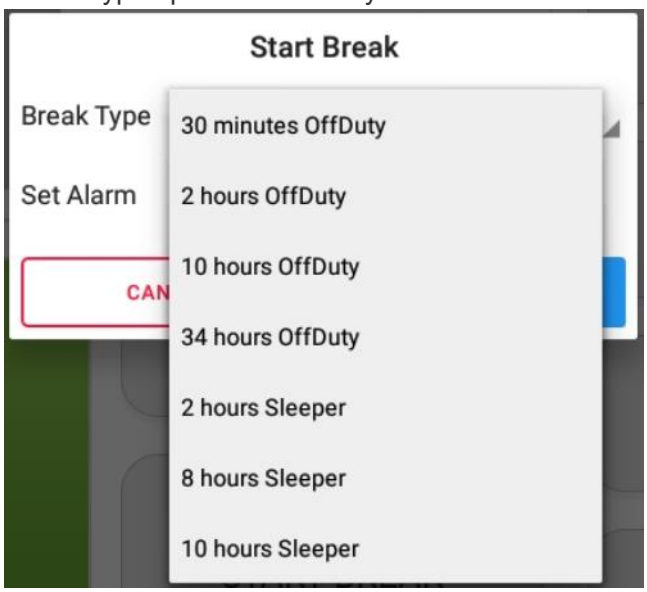
c. **Start Break Tile:**

The Start Break tile will be disabled when the duty status is **Off Duty, Sleeper or Waiting at Well Site**.

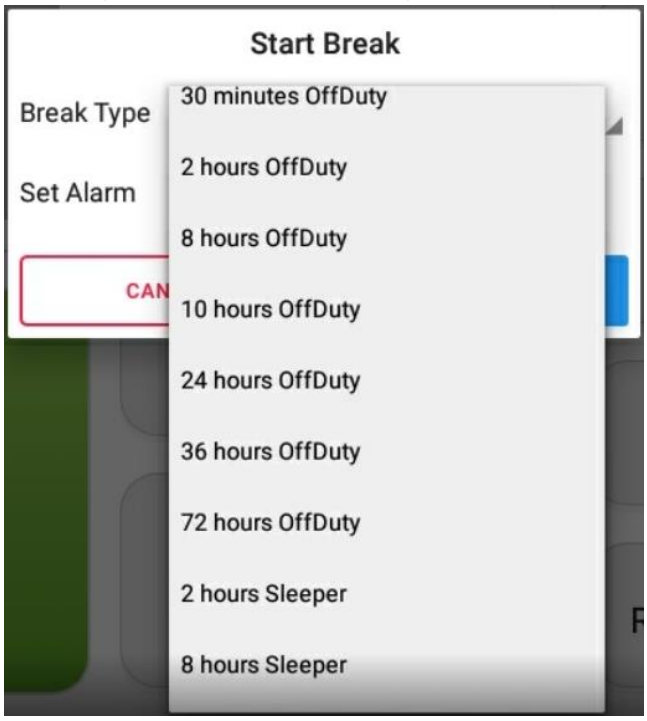
The Start Break tile will be enabled when the duty status is **On Duty or Driving**. Once you tap the Start Break tile, a dialog will then pop-up.



a. You can select which break do you want to start
   i. Break Type option for USA Cycle



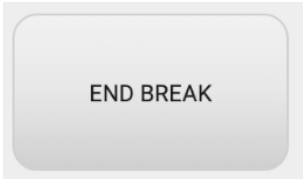
   ii. Break Type option for Canada Cycle



b. You can optionally set an Alarm which will then play an audio alarm along with the a notification to let the driver know that the break is over

Notes:

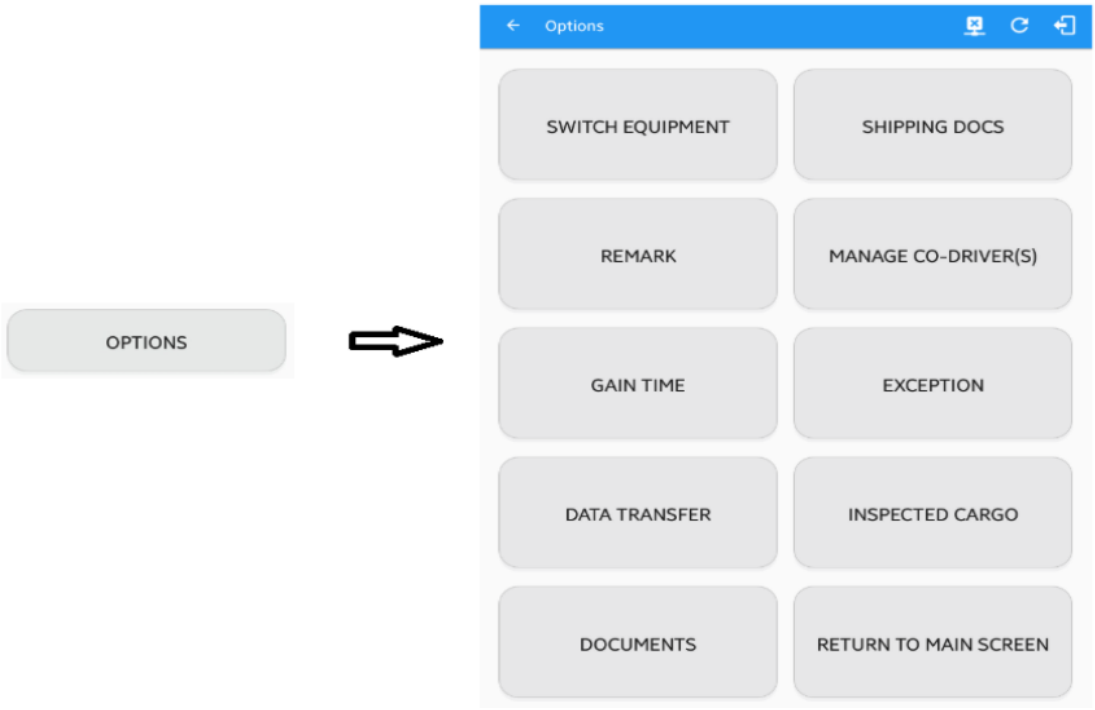
c. If the 'Start Break' button is pressed, then:
   i. It sets the status to OffDuty
   ii. The 'Start Break' button turns to 'End Break'



   iii. The Time remaining button turns to On Break and the second line shows "time remaining 00:00"

d. If the 'End Break' button is pressed, then:
   i. It sets the status to 'On Duty' (if the vehicle is not moving) or 'Driving' (if the vehicle is moving)

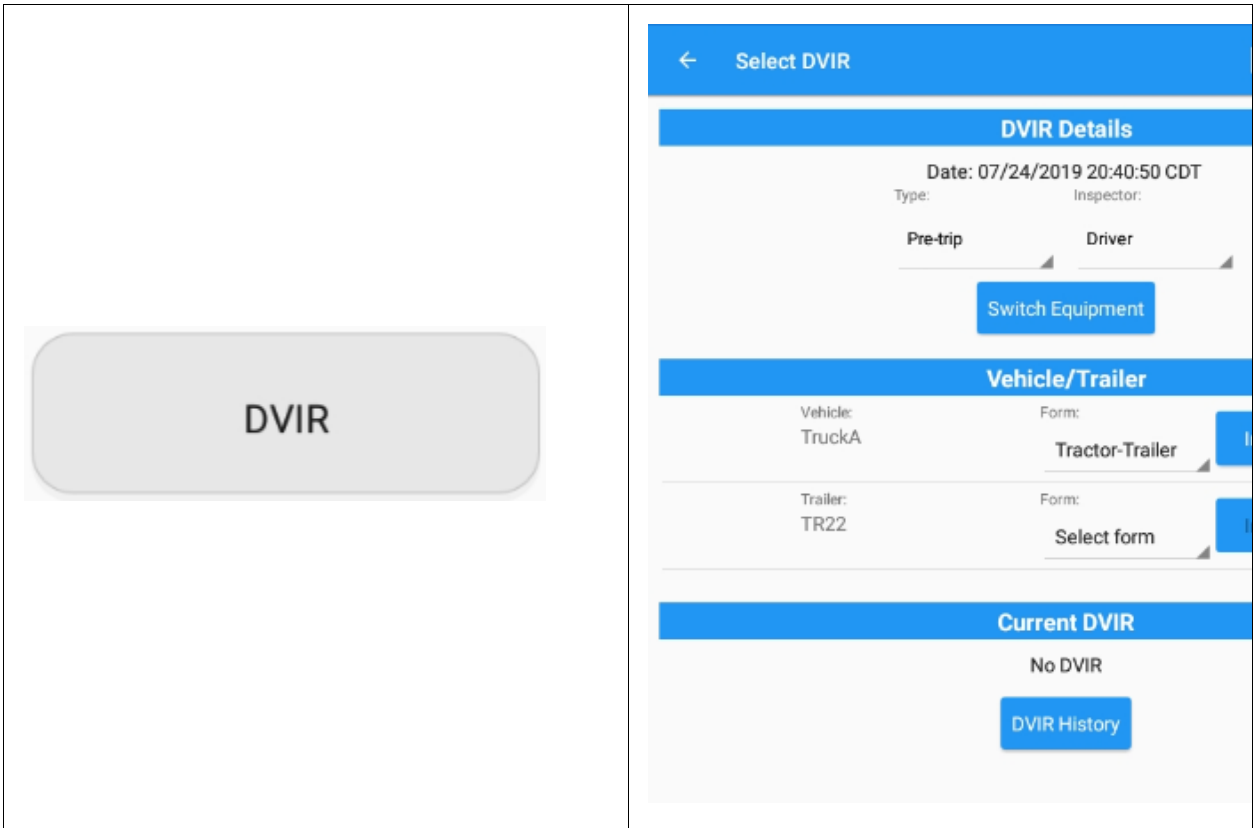
d. **Options Tile:** This will navigate the user to the Options screen.



e.

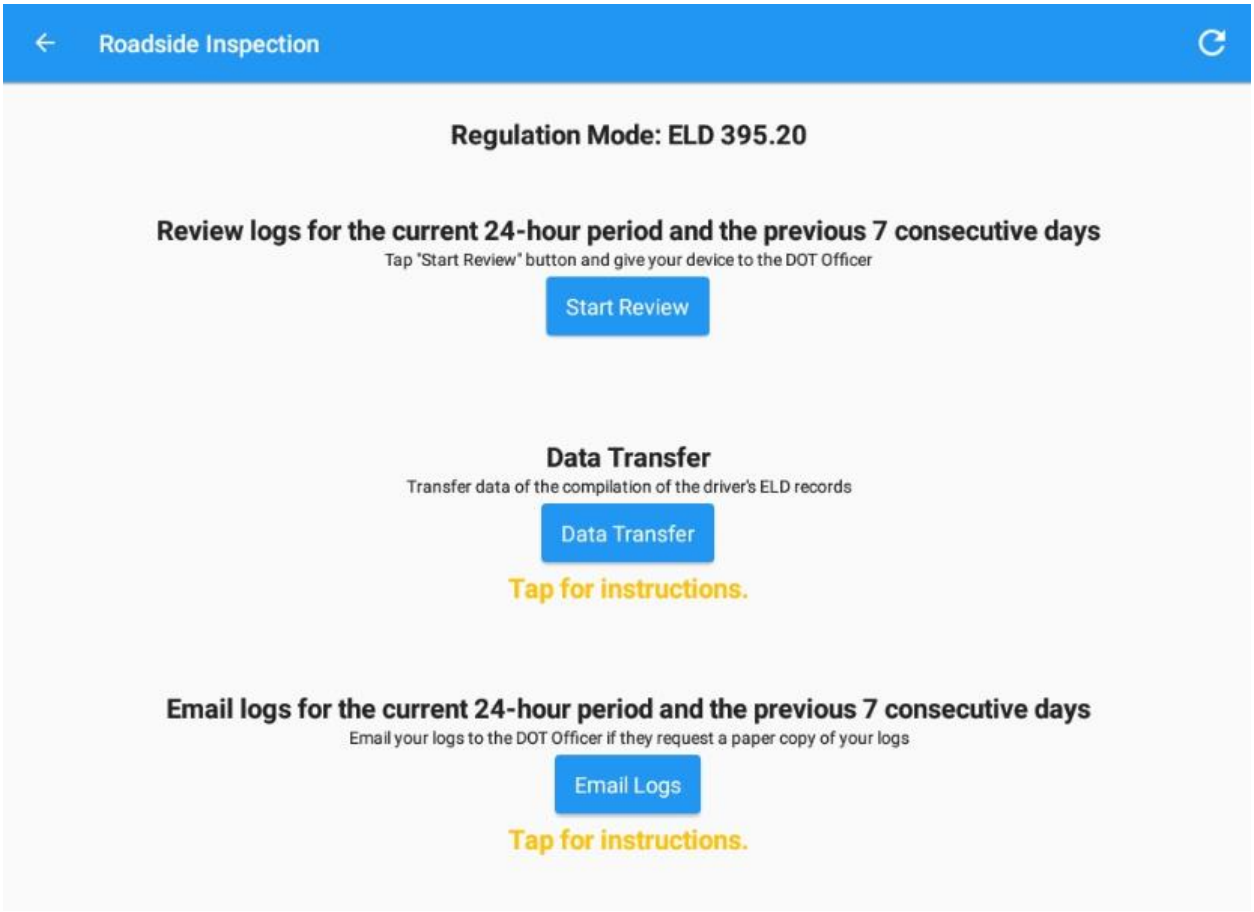
f. **Logs Tile:**This will show the user to open the Driver Logs navigation drawer.

g. **DVIR Tile:** This will navigate the user to the DVIR screen.

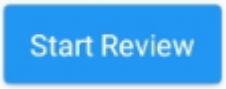


Note: Once a new driver has log on to the HOS app, the forms for the Vehicles/Trailers ID used by the prior driver shouldn't retain. Form fields must be empty.

h. **Roadside Inspection Tile:** The Roadside Inspection feature provides the ability to view the driver daily logs for the past one (1) week. It includes information on the vehicle used, shipments and driving statuses. It also has the ability to send all the logs that have already been certified to an intended recipient.

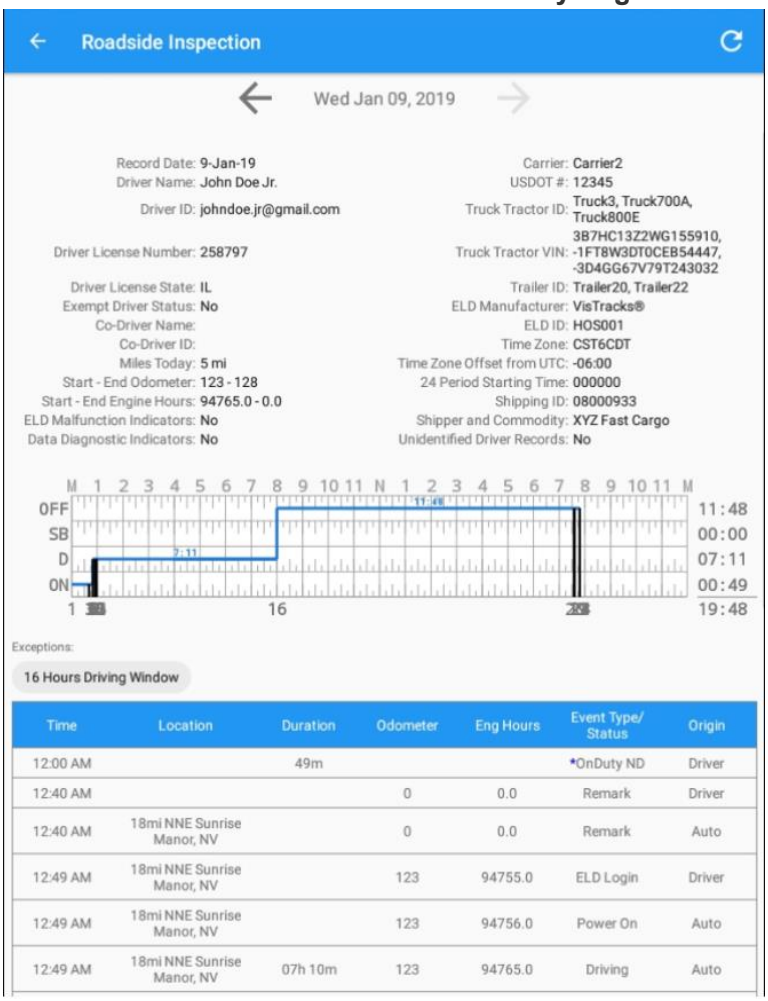


a. Reviewing Logs

i. Tap the 

Start Review button.

ii. You will then be directed to the **Driver's Daily Log** screen.



'**Note:** Vehicle and trailer information is not shown on Roadside Inspection if driver was ***OffDuty*** all day for a specific day.

iii. Tap the **Previous** button to go to the previous log.

iv. Tap the **Next button to go to the next log.**

The Violation circles will not appear on the output of the compliance office and that the red lines shown in the grid chart in the daily log screen will be displayed as a green line when reviewed in the daily logs for the roadside inspection.

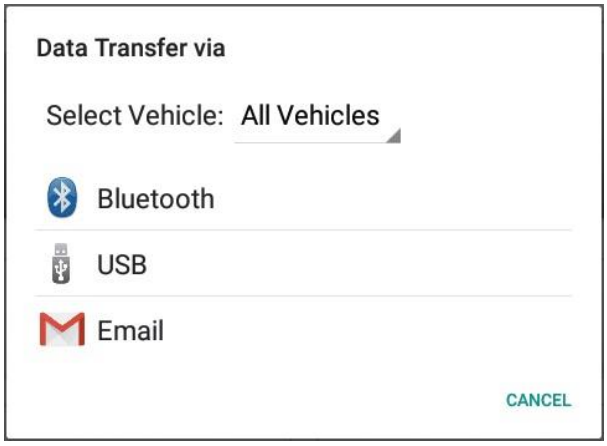
A legend (***Inactive: IC=Changed***, ***ICR=Change Requested***, ***ICJ=Change Rejected***) has been added on the PDF reports located below the events history table when the driver is on ***ELD*** mode. Events that have been edited out and the asterisk annotation is not shown when the driver is on ***AOBRD*** mode.

b. Data Transfer

i. Tap the

Data Transfer button.

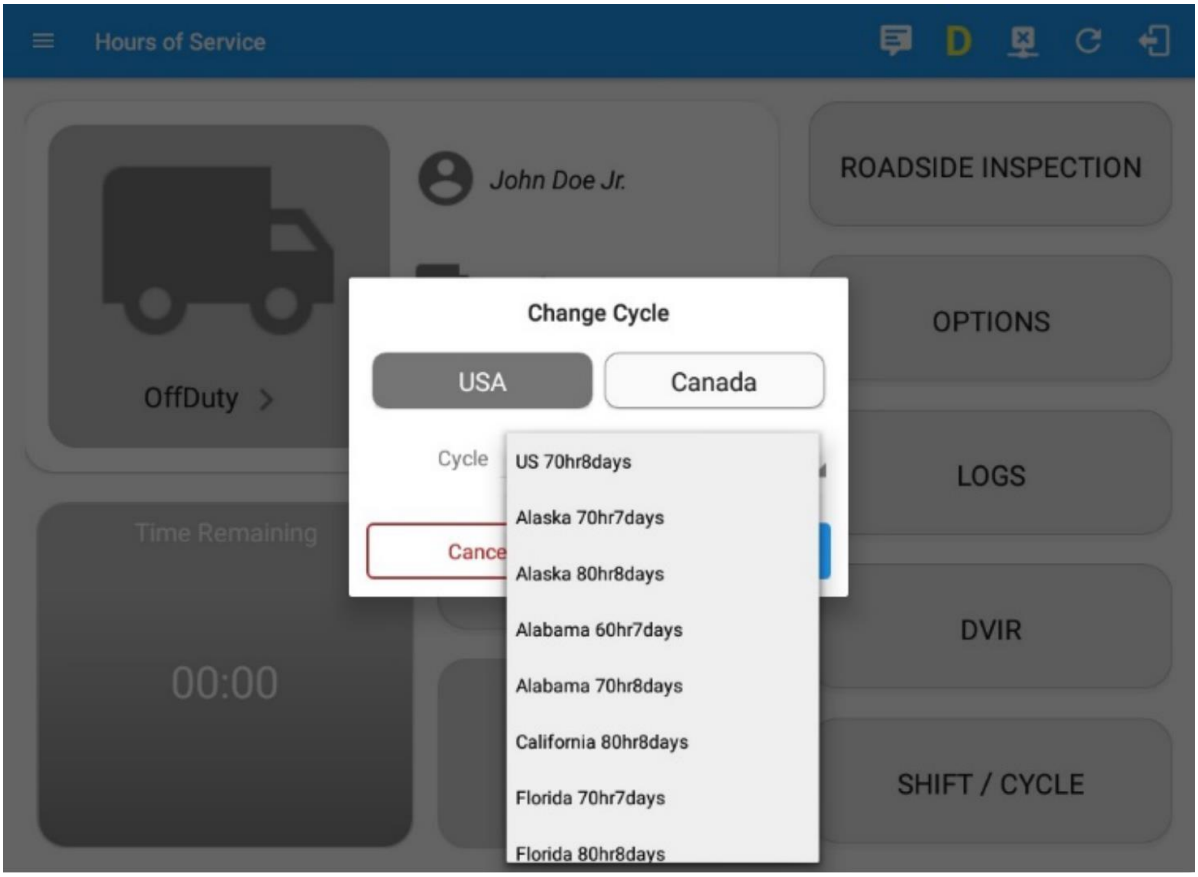
ii. This will show the dialog displaying the supported data transfer options. See the **Data Transfer** section for more details

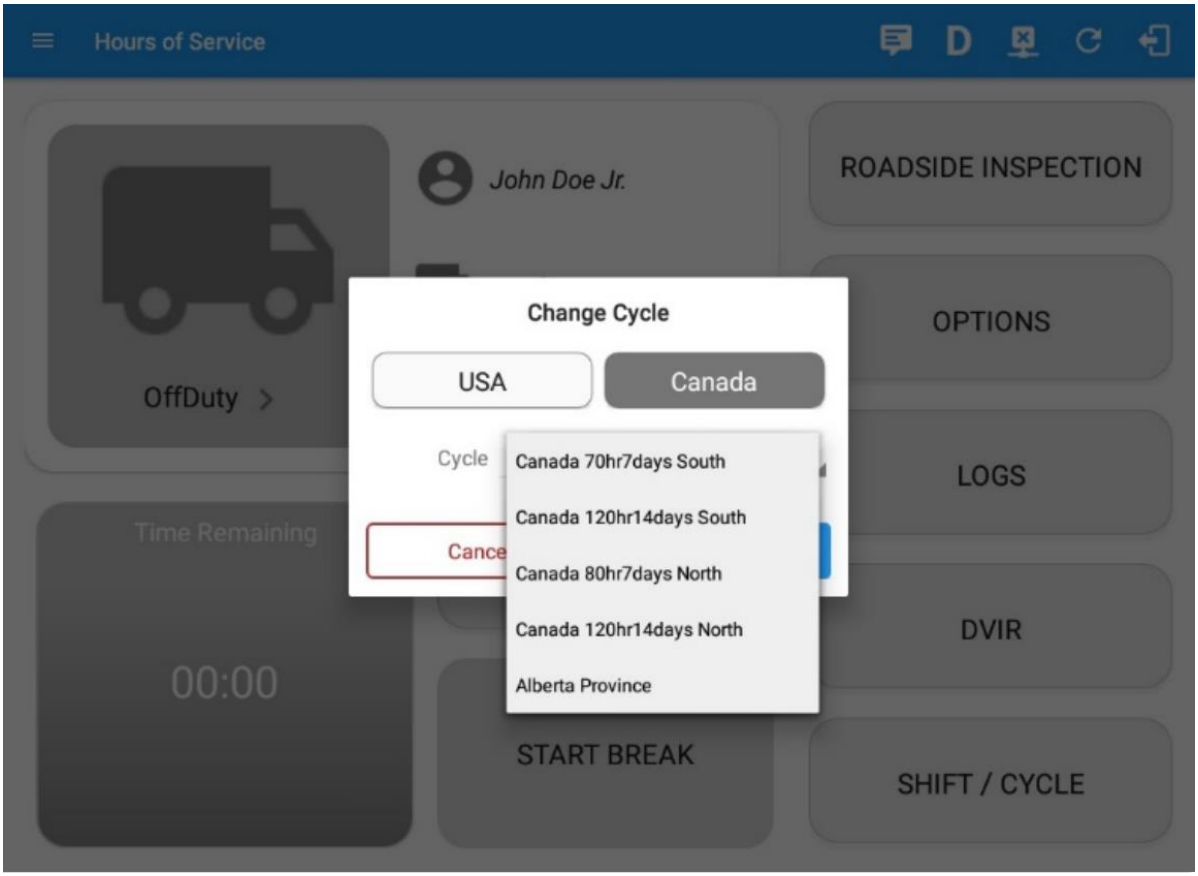


Note: User must provide a password when exiting from the Roadside Inspection screen.

i. **Shift/Cycle Tile:** This will show a dialog displaying the total work hours of driver's current work shift and total working hours that the driver can legally accumulate over a certain cycle or a consecutive multi-day period

j. **Changing the Driver's Ruleset:** The country flag (US or Canadian) indicates the ruleset the driver is currently using. To change the drivers' ruleset, tap the on the country flag and select the appropriate driver country/ruleset from the dialog.

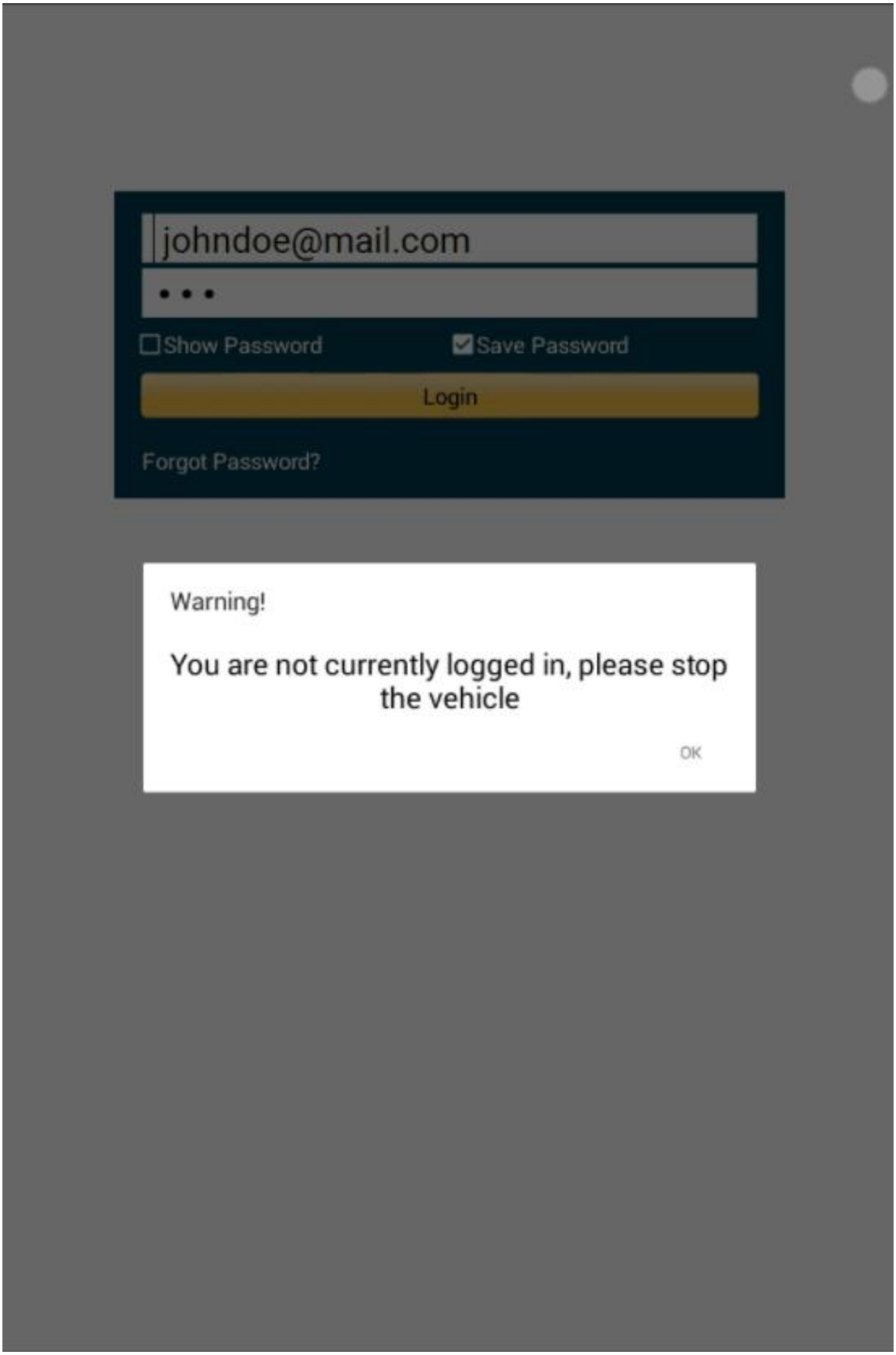

Hours of Service
John Doe Jr.
ROADSIDE INSPECTION
OPTIONS
LOGS
DVIR
SHIFT / CYCLE
OffDuty
Time Remaining
00:00
Change Cycle
USA
Canada
Cycle
US 70hr8days
Alaska 70hr7days
Alaska 80hr8days
Alabama 60hr7days
Alabama 70hr8days
California 80hr8days
Florida 70hr7days
Florida 80hr8days


Hours of Service
John Doe Jr.
ROADSIDE INSPECTION
OPTIONS
LOGS
DVIR
START BREAK
SHIFT / CYCLE
OffDuty
Time Remaining
00:00
Change Cycle
USA
Canada
Cycle
Canada 70hr7days South
Canada 120hr14days South
Canada 80hr7days North
Canada 120hr14days North
Alberta Province

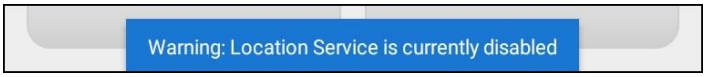
k. **Recap:** Tap the Recap button to bring up the recap information for the specified duty day and corresponding cycle data.

5. Warning Features

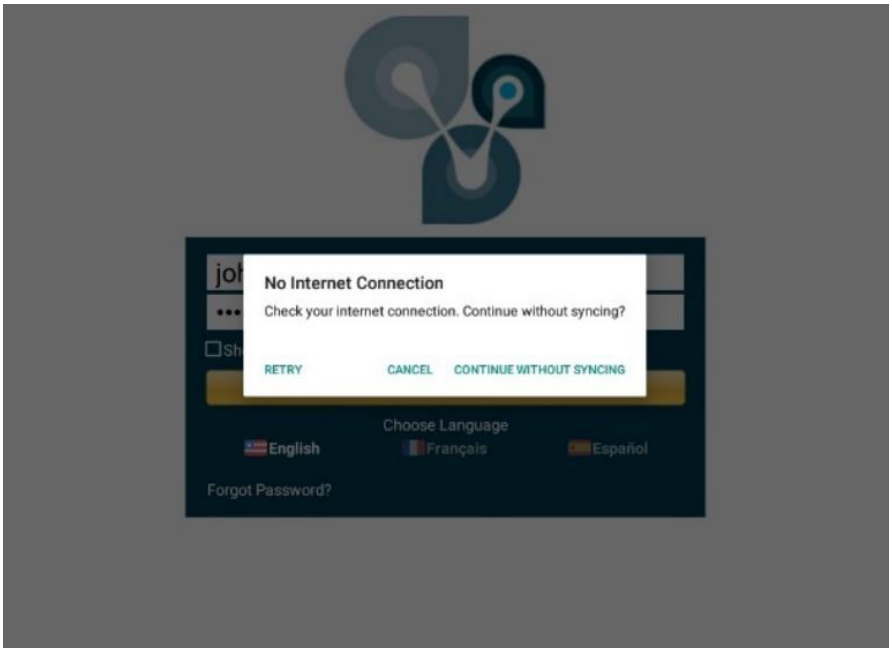
- If the driver logged out from the app and that he does not log onto the ELD, as soon as the vehicle is in motion, the ELD prompts a visual and audible warning reminding the driver to stop and login to the ELD.


johndoe@mail.com
Show Password
Save Password
Login
Forgot Password?
Warning!
You are not currently logged in, please stop the vehicle
OK

- If the driver logged into the application without the Location Services turned on, a snackbar will display on the main dashboard and to other screens as well

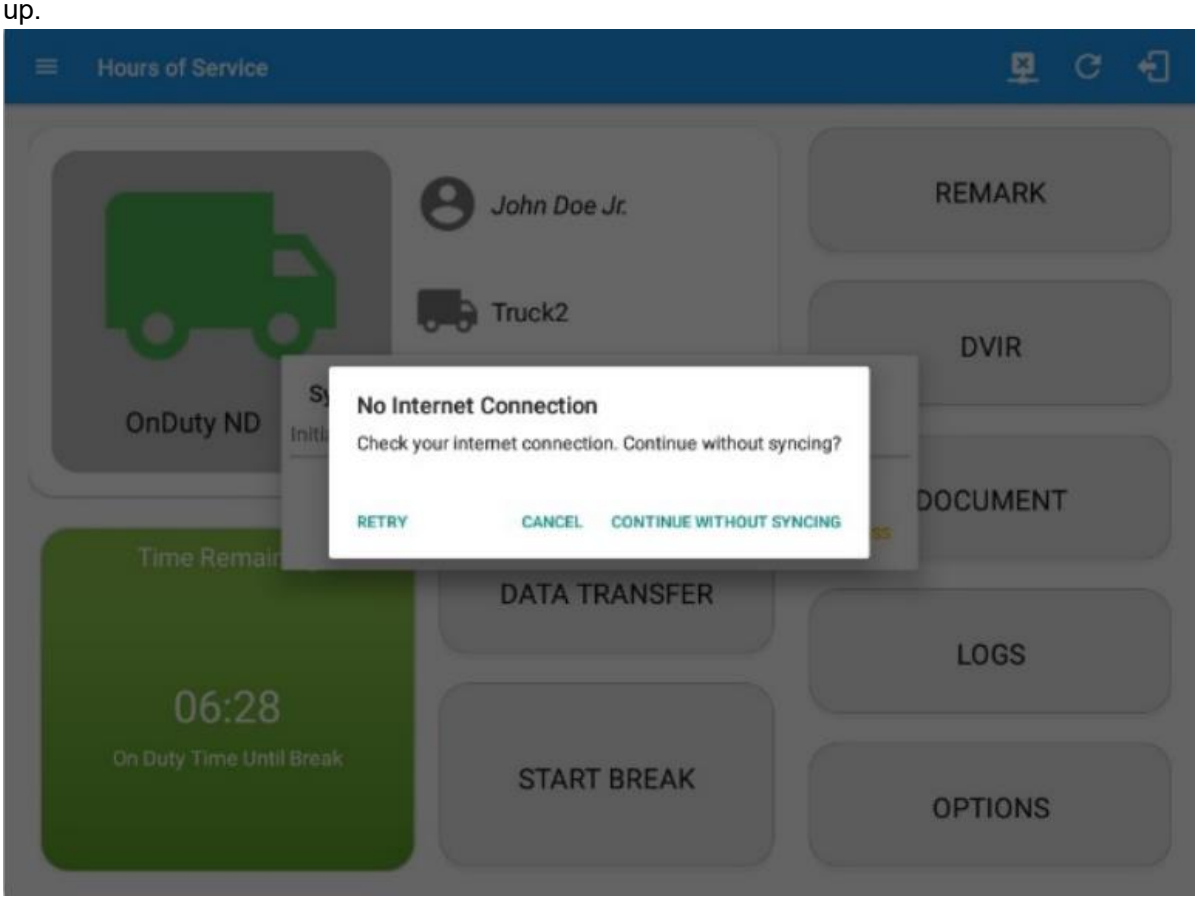


- However, the snackbar will not display to the screens navigated through the Settings menu. The snackbar will no longer display when the Location Services if the device is turned on.
- If a driver logged into the application on a device that he/she has logged in before, the driver can login and logout successfully to the app even when internet connection is not available.



- Eventually when device is connected to network, logs will be automatically synced to the portal.
- Logging into the app when app server is down will prompt a dialog stating that 'Unable to Communicate with HOS server. Check your internet connection displayed'. Driver will be able to log in once the app server is

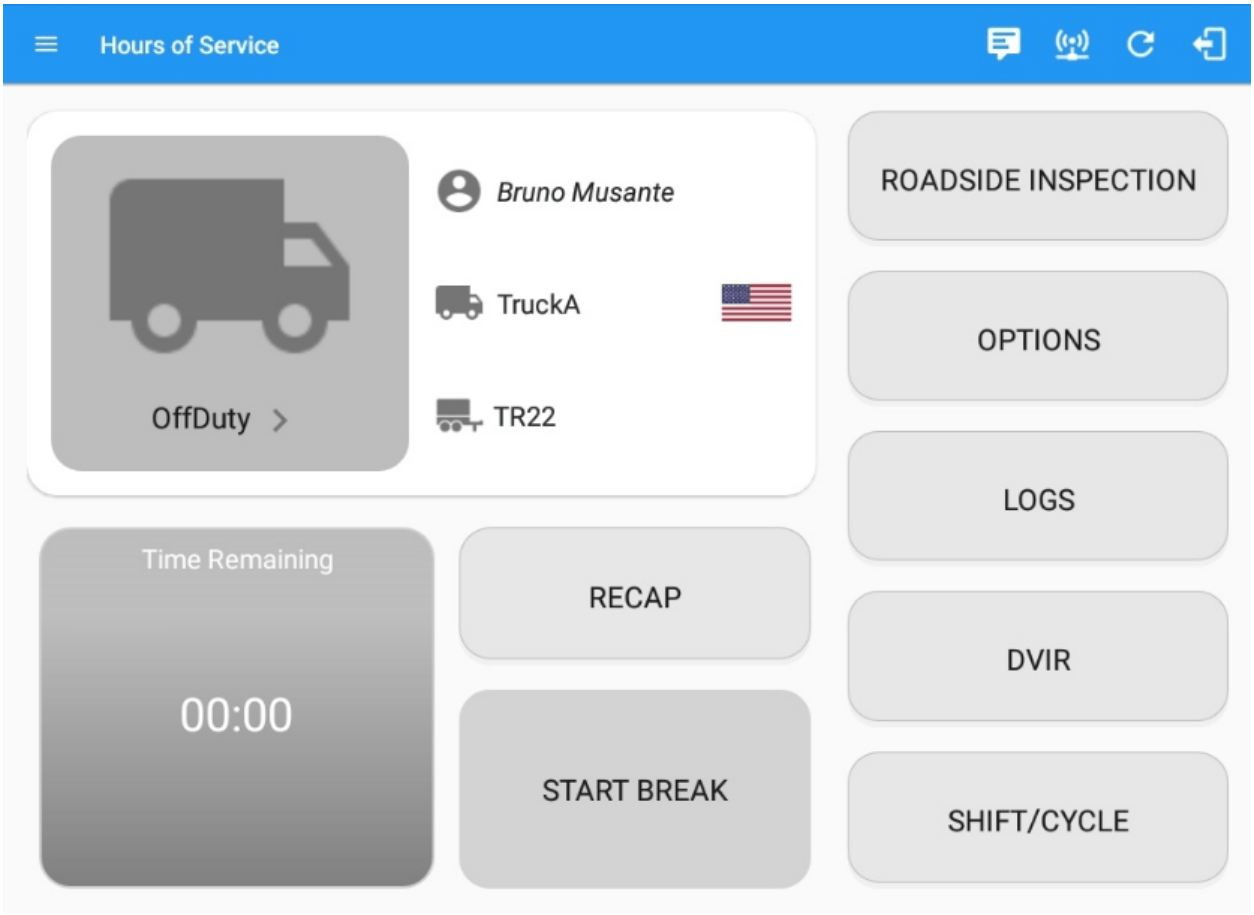
up.



Driver Options

The **Driver Options** menu allows access to various hours of service tasks including the following: management of vehicle/trailer information, adding of documents and remarks, reviewing of logs, and displaying of how much driving time you will gain after off duty.

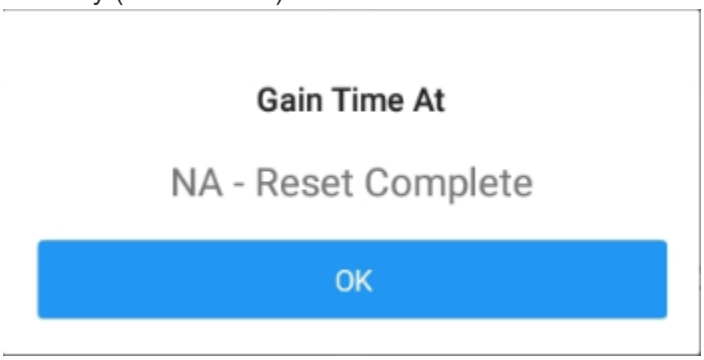
Go to the **Hours of Services Main Screen**.



Tap on the **Options** button from the HOS Main Screen will display the **Options** module.

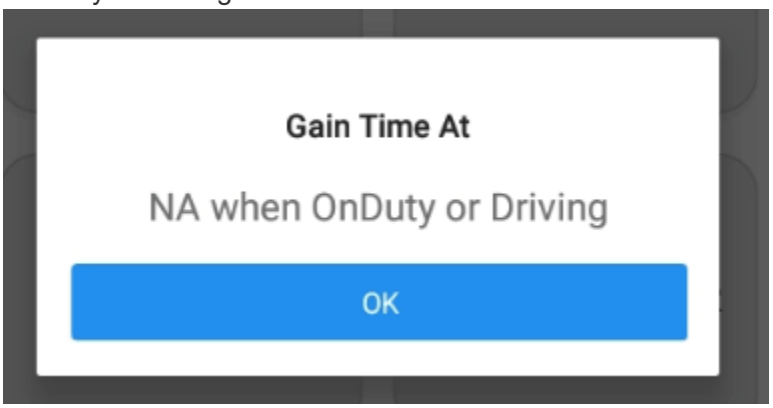
1. **''Switch Equipment' button.**
    a. The Switch Equipment feature allows a driver to easily 'switch' from one vehicle to another. It also assists in monitoring and documenting the vehicles being used as part of their driver logs.
2. **'Gain Time' button**: Displays how much driving time you will gain after going Off Duty.
   The following are the different pop up message dialog for the Gain Time At action:

a. Off Duty (Initial Status)

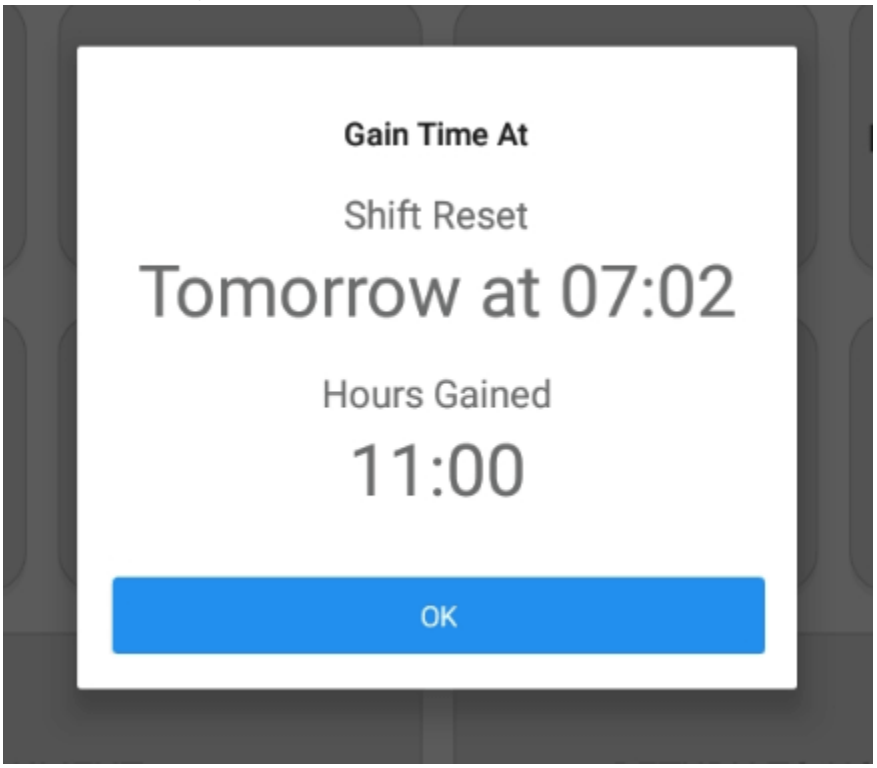


***(Note:** The values change as the status changes.)*

b. On Duty or Driving

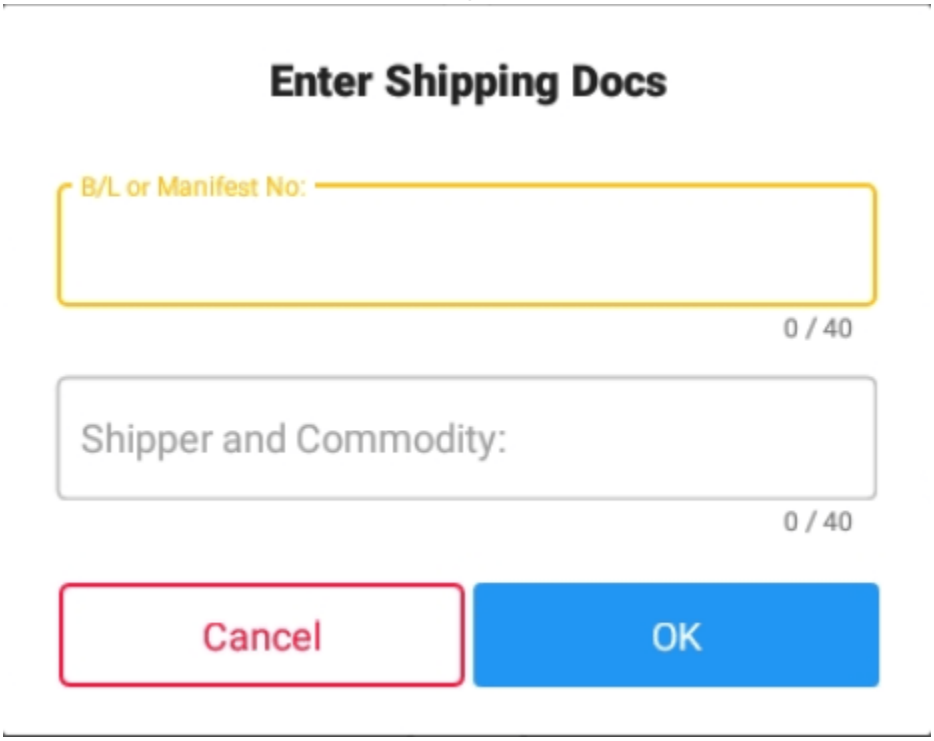


c. Sleeper/Off Duty



3. **'Shipping Docs' button:** This enables you to provide the transport document (manifest) that serves as the detailed summary of all the bills of lading issued by a particular carrier for a particular travel of a particular

vehicle. The information of the shipper (the person or company that sends or transports the products) and raw materials or products sold or bought are also provided.

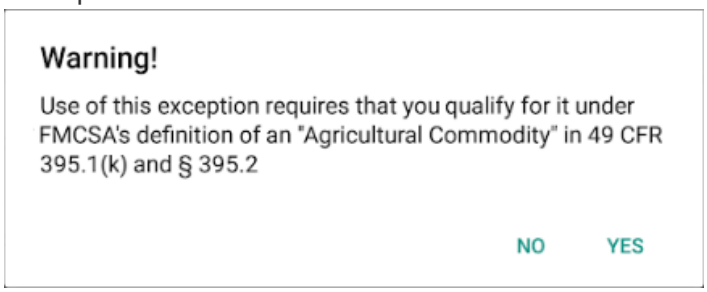


***(Note:** Entered data will be retained within the fields after clicking '**Ok**' button.)*

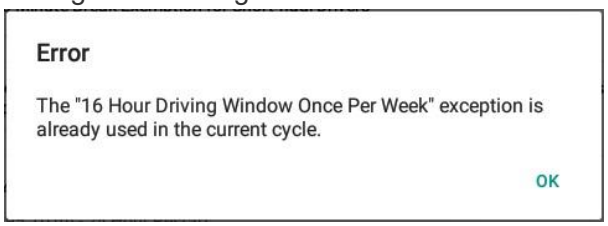
4. **'Exception' button**: The options that will appear here will allow the driver to enable various exceptions from the HOS rules for as long as certain conditions are met as stipulated in the **Hours of Service** section of the **Code of Federal Regulation** (***49 CFR Part 395.1 - Hours of Service of Drivers - Scope of rules in this part***) and other pertinent FMCSA regulations. Tap on the **OK** button to apply your exception/s. You can also select the **Cancel** button to disregard the changes you made.

    a. **Available US Exception Options:**
        i. Relief from Driving rules for State of Emergency - 390.23
        ii. 2 Hour Driving Extension for Adverse Driving Conditions - 395.1(b)(1)
        iii. Relief from all driving rules for Emergency Conditions - 395.1(b)(2)
        iv. Driver-salesperson whose total driving time does not exceed 40 hours in any period of 7 consecutive days - 395.1(c)
        v. Oilfield Operations with 24 hour restart - 395.1(d)
        vi. 30 Minute Break Exemption for Short-Haul Drivers - 395.1(e)(1,2)
        vii. No Logs for CDL Short-haul Drivers operating within 100 air miles (12-hour shift)
        viii. No Logs for Short-haul Asphalt, Ready-Mixed Concrete Drivers or Non-CDL-Drivers operating within 150 air miles (14-hour shift)
        ix. No logs for Agricultural Operations - 395.1(k)

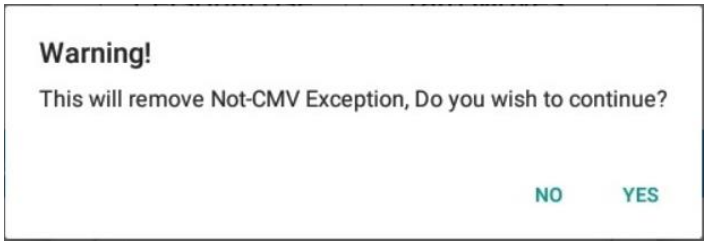
1. **Note:** When a driver enable this exception a confirmation dialog will be displayed with options for ***Yes*** and ***No***.



x. 24 Hour Restart for Construction, Groundwater well-drilling - 395.1(l)(m)
xi. Relief from All Driving Rules for Utility Service Vehicles - 395.1(n)
xii. 16 Hour Driving Window Once Per Week - 395.1(o)
    1. **Note:** This exception can only be used for the last **7 days** or once in every **70hr cycle**, if the driver attempted to enable the exception an error dialog will display stating the following:



    However, it is possible for the driver to add another ***16 Hour Driving Window*** exception when a cycle reset has occurred. Nevertheless the driver will need to wait for the current cycle to end to be able to enable the exception again.
xiii. 30 Minute in-attendance break for HazMat drivers - 395.1(q)
xiv. 30 Minute Break Exemption for Commercial Bees, Livestock Transportation - 395.1(u,v)
xv. 30 Minute OnDuty break for Asphalt drivers
xvi. Hi-rail 2 hour travel exclusion – 395.1(w)
xvii. 30 Minute Break Exemption for Oversize/Overweight Loads - 395.3(a)(3)(ii)
xviii. 30 Minute Break Exemption for Petroleum Tank Drivers – FR Vol83No68
xix. No Logs for Non Commercial Motor Vehicle
    1. **Note:** A warning dialog is displayed upon attempting to add a new event in current time while in **Not-CMV** exception. Tap ***Yes*** button to remove exception or tap ***No*** button to cancel.



xx. Michigan seasonal construction 70/80 and may drive 12 hours during a 16 hour shift (available in ***Michigan Cycles*** only)

xxi. California flammable tank drivers may drive 10 hours within a work shift - 13 CCR 1212.5(a) (available in ***California Cycles*** only)

Add Exception

- [ ] Relief from Driving rules for State of Emergency
  390.23 - State of Emergency
- [ ] 2 Hour Driving Extension for Adverse Driving Conditions
  395.1(b)(1) - Adverse Driving Conditions
- [ ] Relief from All Driving Rules for Emergency Conditions
  395.1(b)(2) - Emergency Conditions
- [ ] Driver-salesperson whose total driving time does not exceed 40 hours in any period of 7 consecutive days
  395.1(c) - Driver-Salesperson
- [ ] Oilfield Operations with 24 hour restart
  395.1(d) - Oilfield Operations
- [ ] 30 Minute Break Exemption for Short-haul Drivers
  395.1(e)(1) - Short-haul No Break
- [ ] No Logs for CDL Short-haul Drivers operating within 100 air miles (12 hour shift)
  395.1(e)(1) - Short-haul CDL No Logs
- [ ] No Logs for Short-haul Asphalt, Ready-Mixed Concrete Drivers or Non-CDL-Drivers operating within 150 air miles (14 hour shift)
  395.1(e)(2) - Short-haul Non CDL/Ready-Mixed Concrete
- [ ] No logs for Agricultural Operations
  395.1(k) - Agricultural Operations
- [ ] 24 Hour Restart for Construction, Groundwater well-drilling
  395.1(l,m) - 24 Hour Restart
- [ ] Relief from All Driving Rules for Utility Service Vehicles
  395.1(n) - Utility Service Vehicle
- [ ] 16 Hour Driving Window Once Per Week
  395.1(o) - 16 Hours Driving Window
- [ ] 30 Minute in-attendance break for HazMat drivers
  395.1(q) - HazMat In-attendance Break
- [ ] 30 Minute Break Exemption for Commercial Bees and Livestock haulers
  395.1(u,v) - Transport of Commercial Bees, Livestock
- [ ] 30 Minute OnDuty break for Asphalt drivers
  FR Vol83No18 - 30 Minute OnDuty Break
- [ ] Hi-rail 2 hour travel exclusion
  395.1(w) - Hi-rail Vehicle
- [ ] 30 Minute Break Exemption for Oversize/Overweight Loads
  395.3(a)(3)(ii) - Oversize/Overweight Loads
- [ ] 30 Minute Break Exemption for Petroleum Tank Drivers
  FR Vol83No68 - Petroleum Haulers No Break
- [ ] No Logs for Non Commercial Motor Vehicle
  - Not-CMV

Enter reason for exception(s)

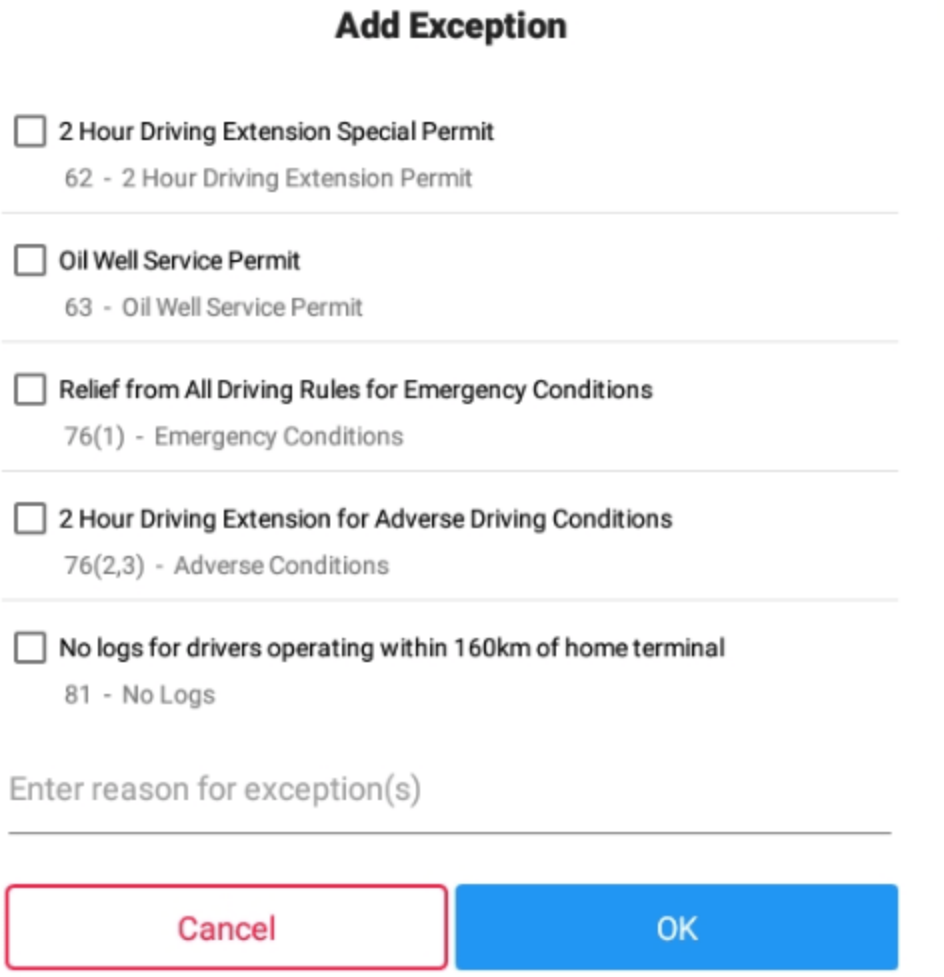
CANCEL OK

US exceptions that are currently suspended by FMCSA:

b. Include Two 1am to 5am Rest Periods for 34-hour Restart
c. Use 168 Hour Rule for 34-hour Restart

Available Canada Exception Options:

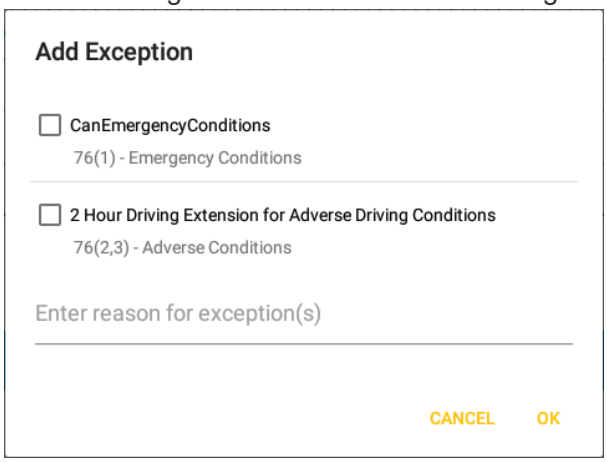
i. 2 Hour Driving Extension Special Permit - Section 62
ii. Oil Well Service Permit - Section 63
iii. CanEmergency Conditions - Section 76(1)
iv. 2 Hour Driving Extension for Adverse Driving Conditions - Section 76(2,3)
v. No Logs for drivers operating within 160km of home terminal - Section 81



Available Alberta Exception Options:

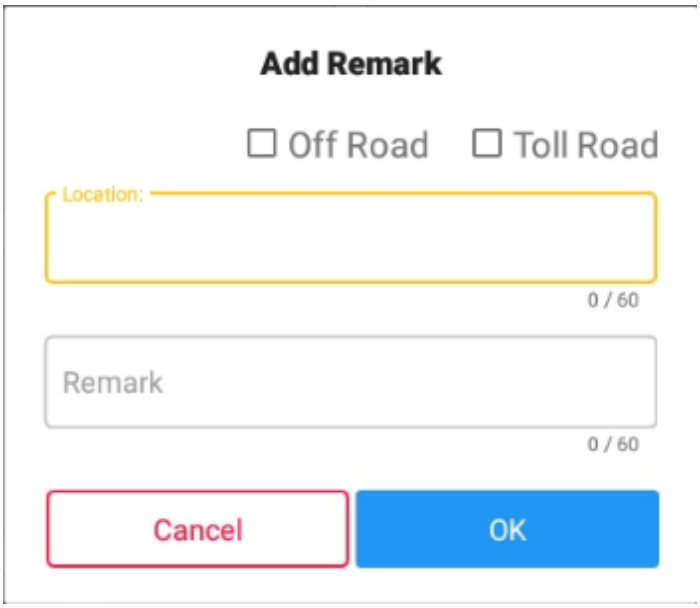
vi. CanEmergency Conditions – Section 76(1)

vii. 2 Hour Driving Extension for Adverse Driving Conditions – Section 76(2,3)



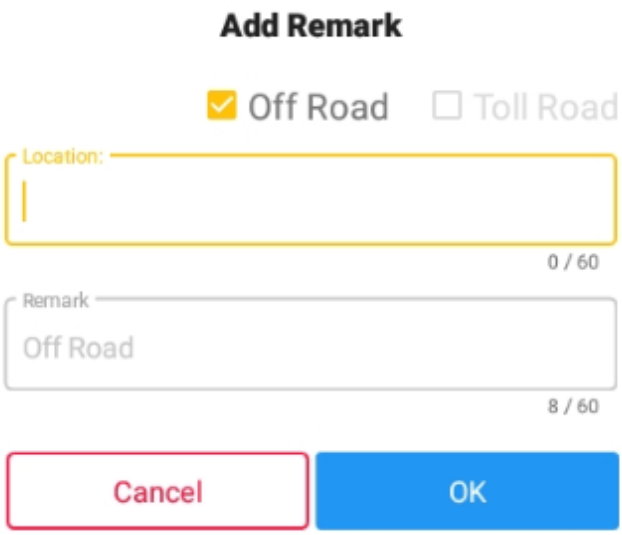
Note: *Exceptions differ by Region.*

5. **'Remark' button**: This is where you can add a particular remarks or comment in a particular location.

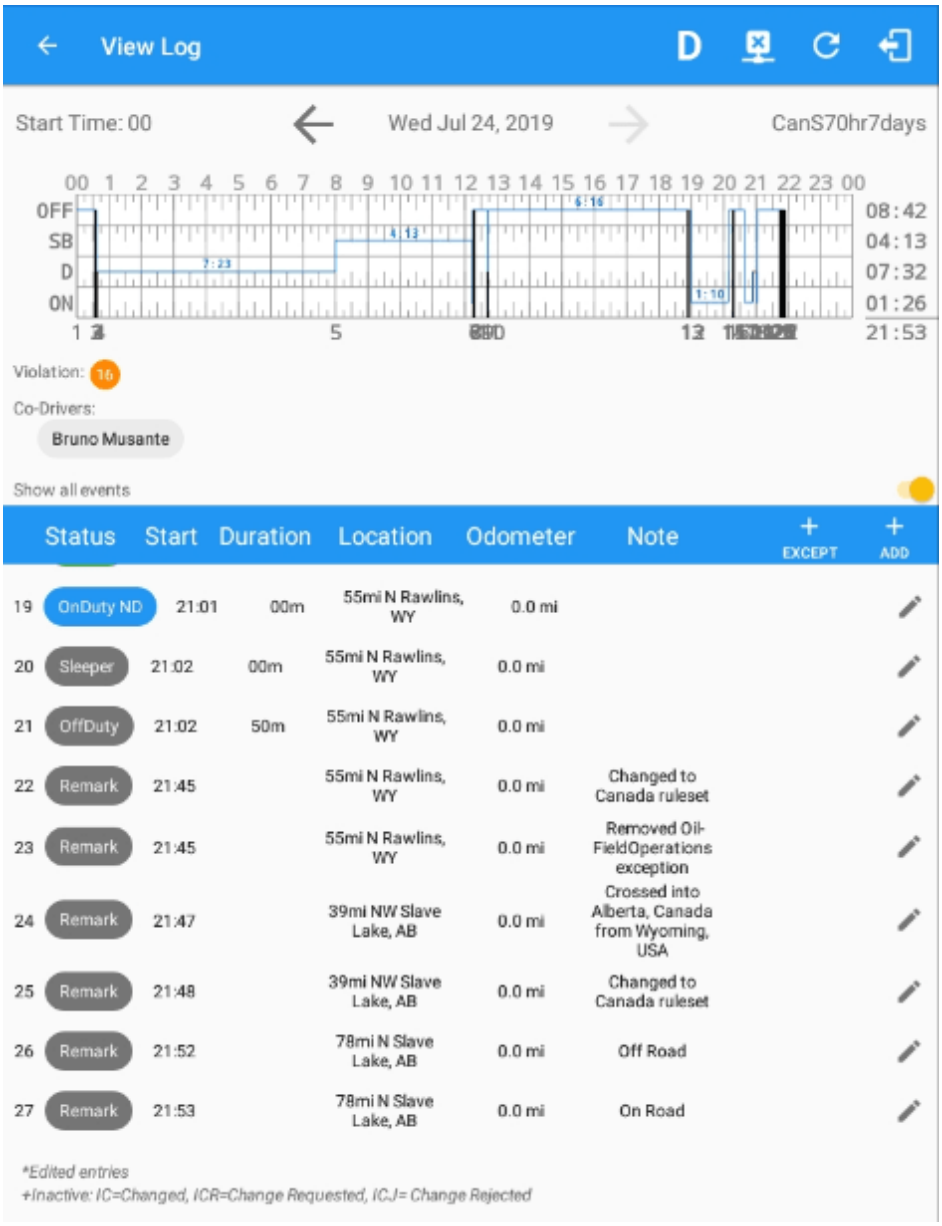


Off Road and Toll Road

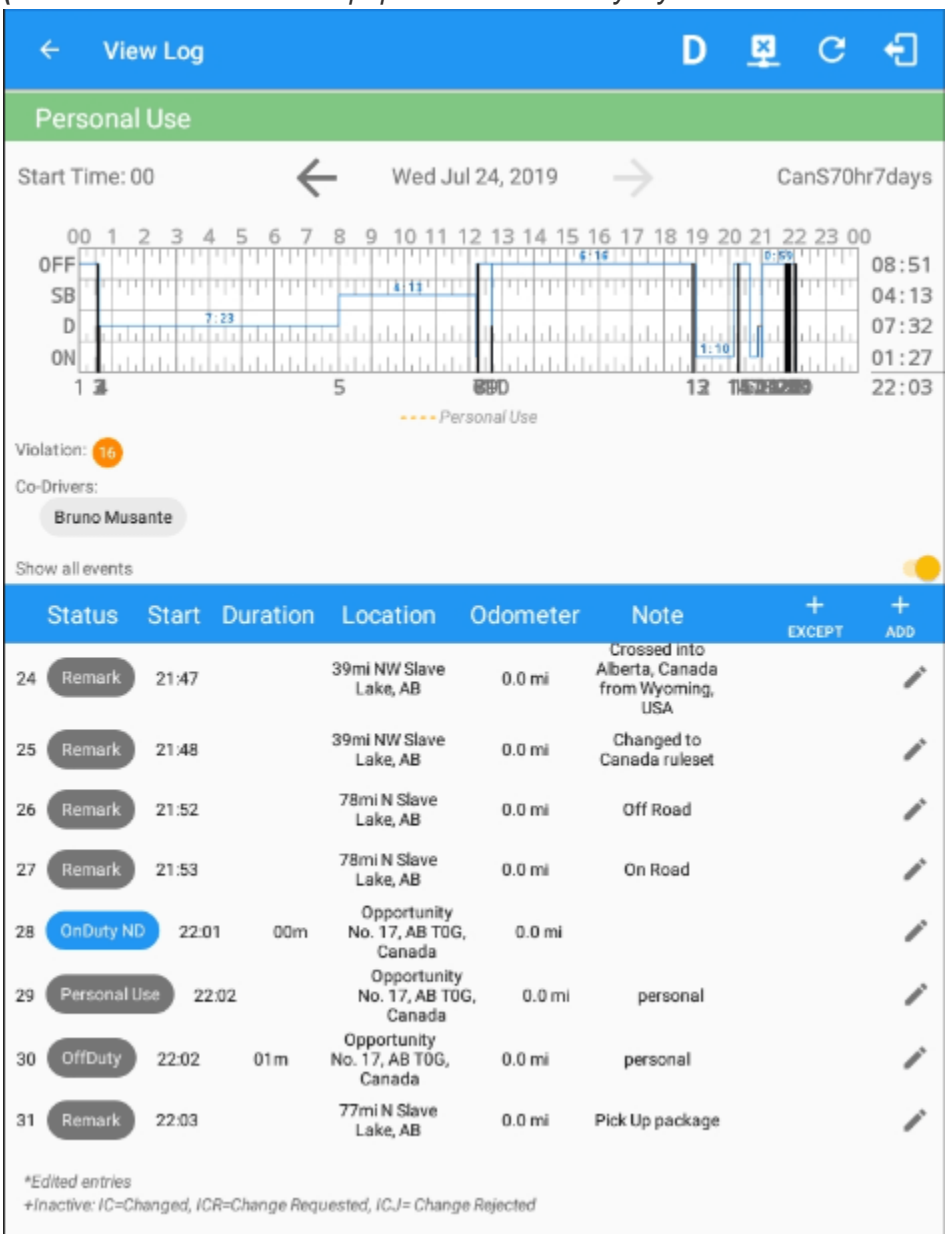
a. You may also enable the **Off Road** and **Toll Road** options. These options are used for the IFTA calculations.



b. Check the options to create a remark with a **Note**: **Off Road** and **On Toll Road**, respectively. To indicate that the driver has entered a normal road again, uncheck the Off Road or Toll Road option. This will create a remark with a **Note**: **On Road** and **End Toll Road**, respectively.

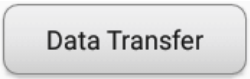

View Log
D
Start Time: 00
Wed Jul 24, 2019
CanS70hr7days
00 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 00
OFF
SB
D
ON
08:42
04:13
07:32
01:26
21:53
Violation: 16
Co-Drivers:
Bruno Musante
Show all events
Status Start Duration Location Odometer Note + EXCEPT + ADD
19 OnDuty ND 21:01 00m 55mi N Rawlins, WY 0.0 mi
20 Sleeper 21:02 00m 55mi N Rawlins, WY 0.0 mi
21 OffDuty 21:02 50m 55mi N Rawlins, WY 0.0 mi
22 Remark 21:45 55mi N Rawlins, WY 0.0 mi Changed to Canada ruleset
23 Remark 21:45 55mi N Rawlins, WY 0.0 mi Removed Oil-FieldOperations exception
24 Remark 21:47 39mi NW Slave Lake, AB 0.0 mi Crossed into Alberta, Canada from Wyoming, USA
25 Remark 21:48 39mi NW Slave Lake, AB 0.0 mi Changed to Canada ruleset
26 Remark 21:52 78mi N Slave Lake, AB 0.0 mi Off Road
27 Remark 21:53 78mi N Slave Lake, AB 0.0 mi On Road
*Edited entries
+Inactive: IC=Changed, ICR=Change Requested, ICJ= Change Rejected

*(**Note:**The location field will populate automatically if your GPS is turned on and a location is detected.)*



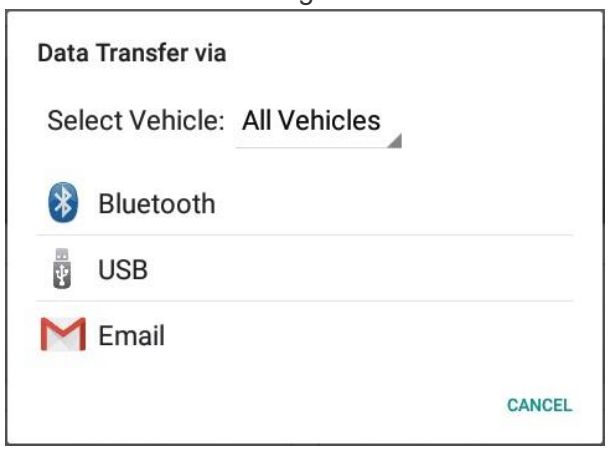
After clicking 'Ok' button, remarks added are seen in the **Driver's Log.**

6. **'Data Transfer' button**: This is where you can display the dialog with the supported data transfer options.

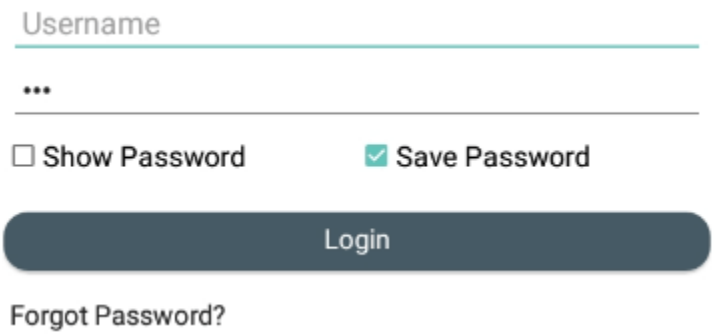
   a. Tap the 

   Data Transfer button.

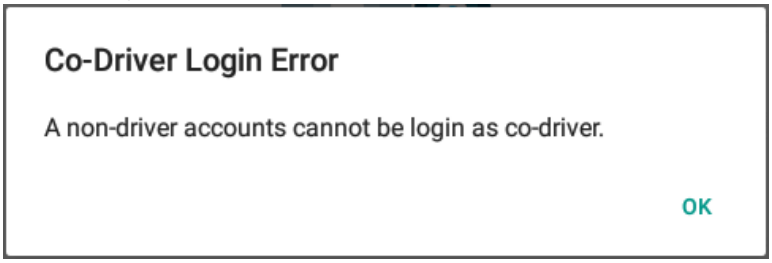
b. The Data Transfer dialog with then be shown. See the **Data Transfer** section for more details.



7. **'Logon Co-Driver' button**: This will allow another driver to log onto the app. Tap **Logon Co-Driver** button, after which the login activity will then be displayed.



Note: Only authenticated users with a driver role are allowed to log-in to the application.

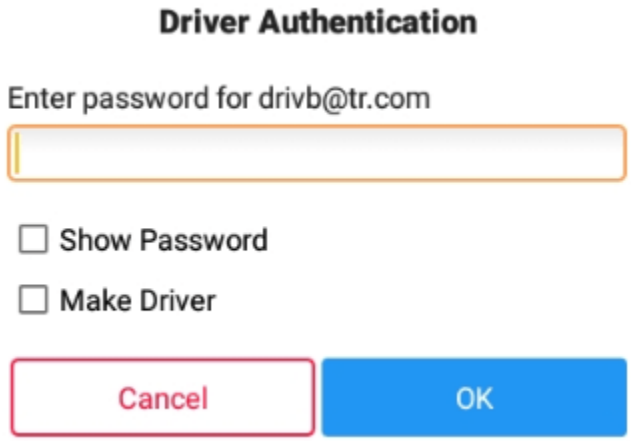


8. **'Switch Co-Driver' button:**This will allow the driver(s) to easily switch driving when on duty.

a. Tap **Switch Co-Driver** button

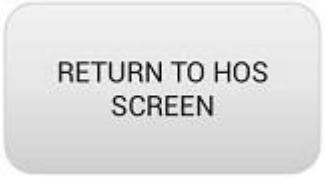
, after which the **Select Driver** dialog will then be displayed.

b. After selecting a driver it will then ask for the password before displaying the Hours of Service Main Screen of the current driver.



Note: By checking the **Make Primary Driver** checkbox, you can set the switching driver to be the primary driver.

9. **'Return to HOS Screen' button**: This allows you to go back to the Main Screen.

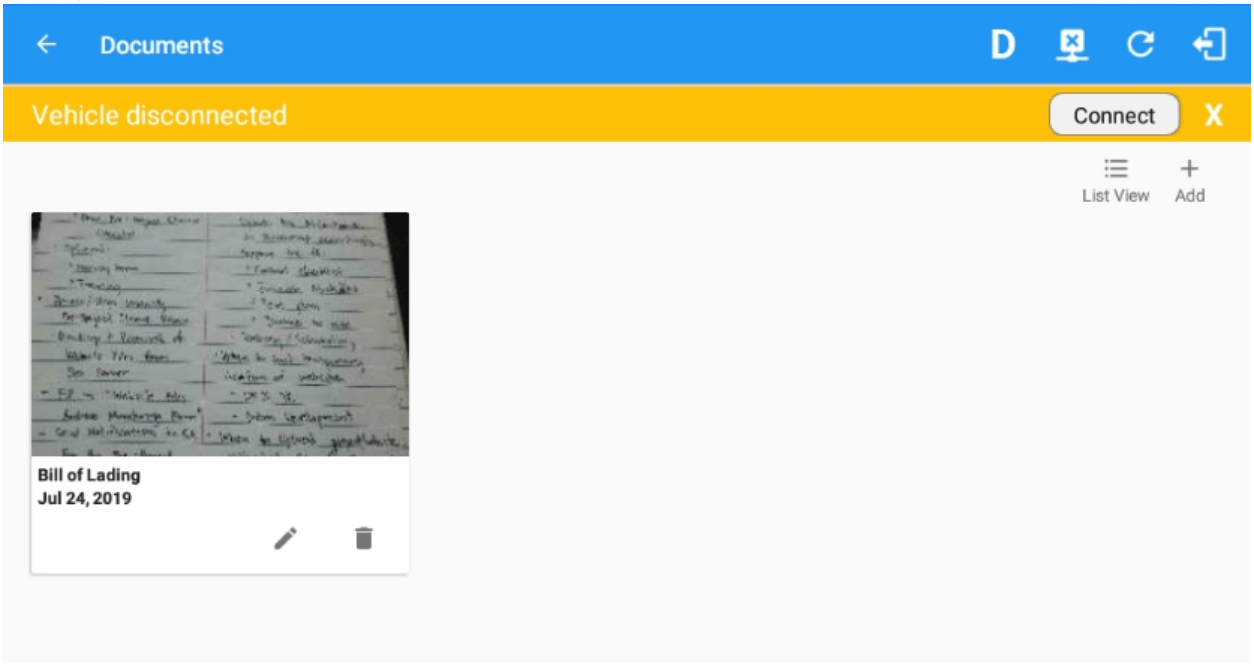
Tap 

button to be able to navigate to the Main Screen.

10. **'Document' button**: The Document's feature provides an easy way to capture and view documents related to hours of service activities. This includes documentation such as bill of lading, fuel receipts, accident photo, etc.

Tap the **Document** button

after which the **Documents** screen will then be displayed.

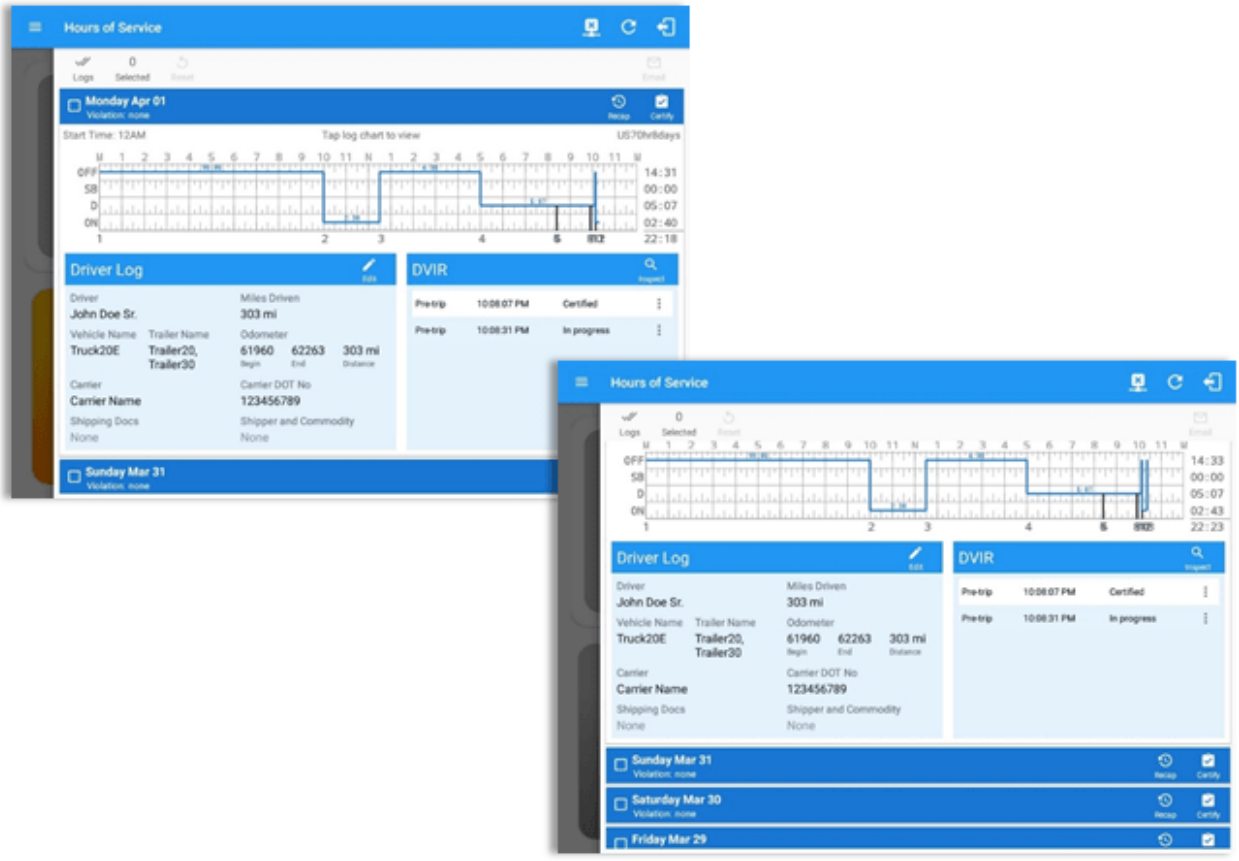


Driver Logs

Selecting the ***Logs*** button from the ***HOS Main Screen*** will display the current days log and provide the ability to navigate backwards to view the previous seven logs:

Scroll the screen to view all of the information, or, tap the log grid to view the log events.

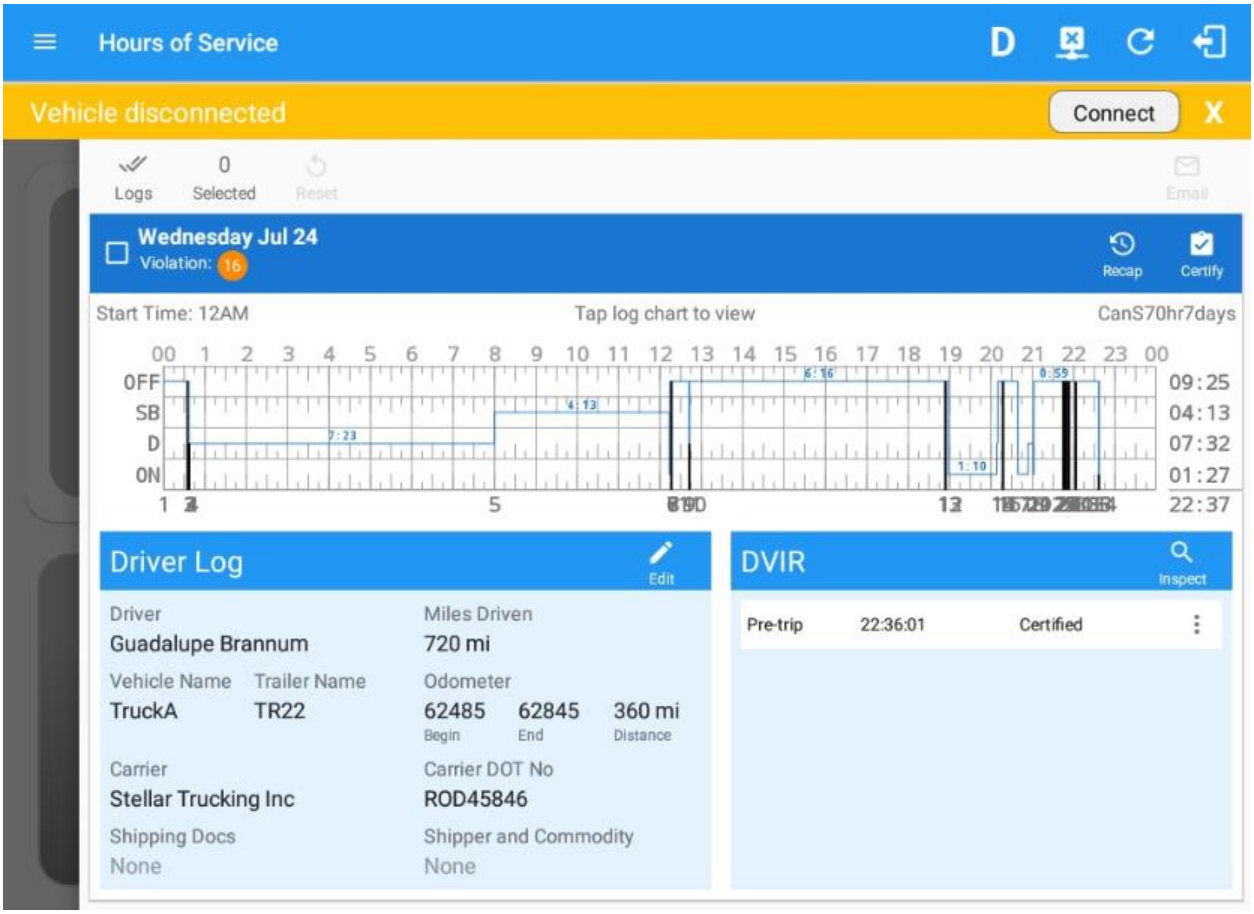
The **Driver Logs** allows you to view and update the electronic recording of your duty status events in the HOS app's online driver logs. This is where you also store shipment data, send the certified logs to its intended recipients and manage other driving duty information. Also this is where you can determine the cycle used and 'Start Hour' time.
Note: The daily log for the current day will be in expanded view by default. The daily driver logs for the previous days will be in collapsed view.



Scroll the screen to view all of the information, or, tap the log grid to view the log events. The daily log for the current day will be in expanded view by default. The daily driver logs for the previous days will be in collapsed view.

To expand or collapse a daily log, tap the Collapsible Menu Header.

Cycles and the ***Start Hour*** time used are also shown in the Log, it is found on the upper right corner just above the ***Grid Chart***.



Tap the **Driver Log Accordion/Collapsible Menu Header** to expand or collapse the driver log entries.

<u>Using the Driver Logs Bulk/Multiple Selection Functions</u>

The first part of the Drivers Log's user interface features controls and information for the bulk/multiple selection features. These controls will allow you to perform features for multiple selected driver logs.

1.

Select All Certified Logs Button: Tap the button to select all certified driver logs.
2.

Selected Certified Logs Counter: This shows the number of selected driver logs.
3.

Reset Button: This clears/deselects all of the selected driver logs.

<u>The Driver Logs Accordion Header Features</u>

1. **Accordion/Collapsible Menu Header:** To expand or collapse a daily log, tap the Driver Logs Accordion/Collapsible Menu Header.

***Note**: Driver Logs title shows the full-time range when the Start Hour time is not zero. You can change the time by going to Settings > HOS Preferences*

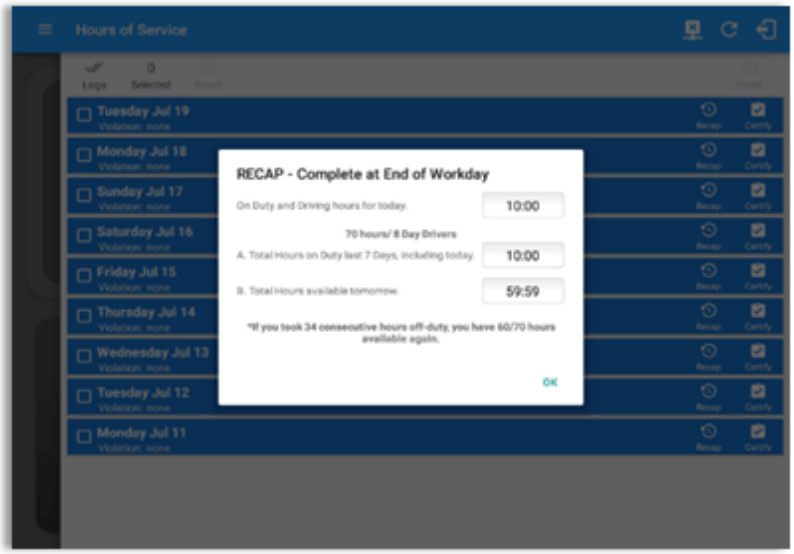
2. **Daily Driver's Log Entry Check-box (Still Uncertified Log):** Tap the check-box to certify the selected daily log.

3. **Daily Driver's Log Entry Check-box (Already Certified Log):** Tap the Edit button to uncertify the selected daily log.

4. **Daily Driver's Title Log (Recertify Log):** When a certified log has been edited in the portal, it prompts the driver to either accept or reject the proposed changes through the "Edit Suggestions" dialog. Once the driver accepts an edit request, it will display a note on the daily driver's title log stating "***Recertify***", which indicates the log needs to be certified again in order to include the records changes.

5.

Recap Button: Tap the Recap button to bring up the recap information and corresponding cycle data for the specified duty day.



Tapping the ***Recap*** button will display a complete recap for the end of the workday including:

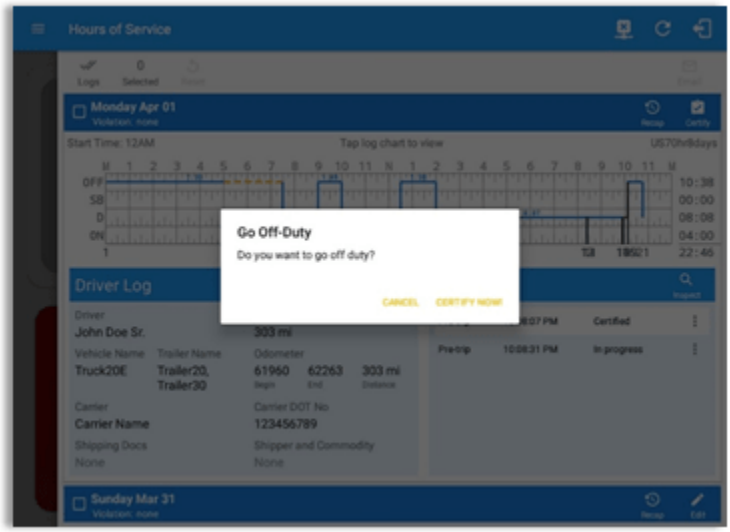
- On Duty & Driving Hours, - Total hours on duty last 7 days (including current day), - Total hours available tomorrow, - Total hours On Duty last 8 days (including current day)

6.

Certify Button: Tap the button to certify the selected daily log.
   a. Select the **Certify Now button**, if the current status is Driving, a dialog will pop-up to confirm changing the status to off-duty.
   b. If there are Pending Edit Requests, the Pending Edit Request dialog will appear prompting the driver to accept or reject the events before certifying the log
   c. Choose the **Cancel button** to cancel changing the status.

Tap the ***Certify Now*** button to confirm you wish to go Off Duty.

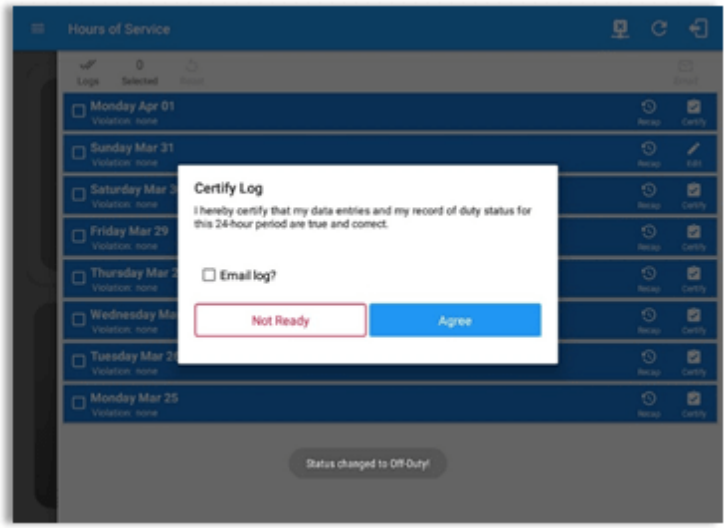
Tap the ***Cancel*** button to cancel changing the status.



Tap to check ***Email log?*** option if you wish to email the certified log to a recipient. Leave it uncheck to continue certifying the log without emailing it.

Tap the ***Agree*** button to confirm certifying a daily log.

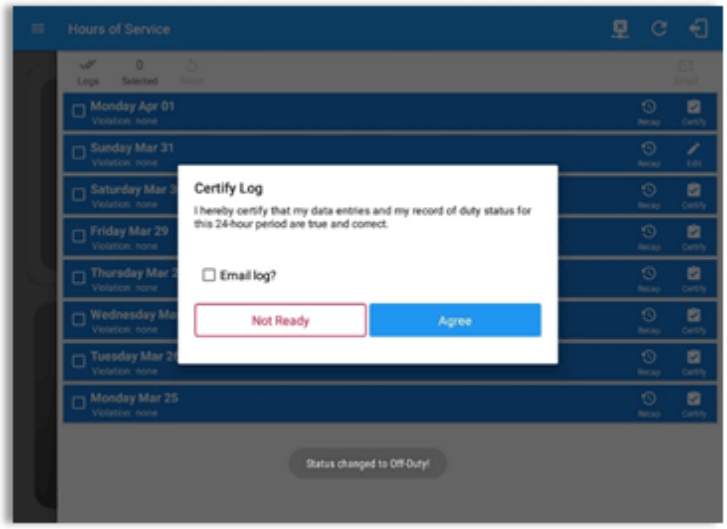
Tap the ***Not Ready*** button to cancel certifying a log.



Tap to check ***Email log?*** option if you wish to email the certified log to a recipient. Leave it uncheck to continue certifying the log without emailing it.

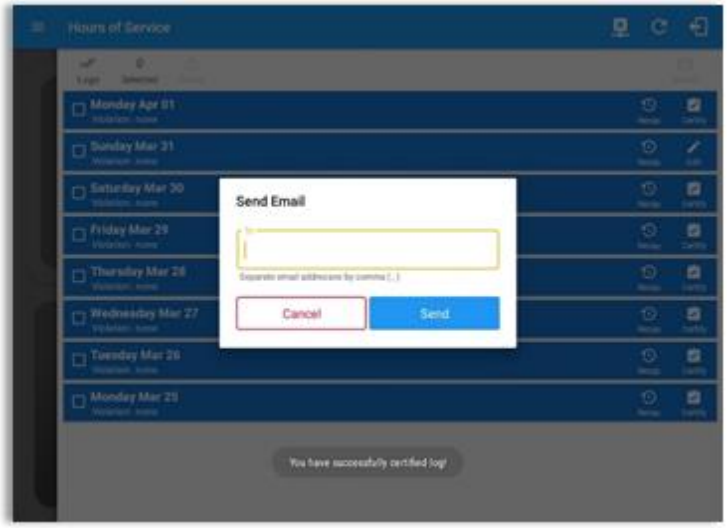
Tap the ***Agree*** button to confirm certifying a daily log.

Tap the ***Not Ready*** button to cancel certifying a log.

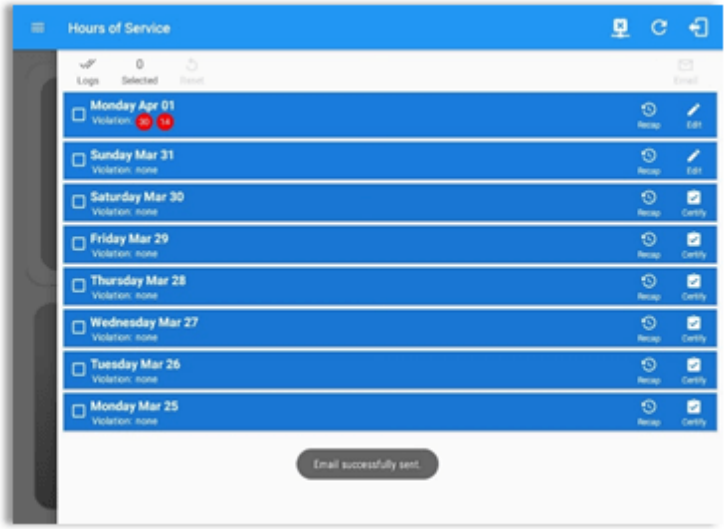


Tap ***Send*** button after successfully entering email recipient(s) for the certified log. Separate by comma for more than one (1) recipient.

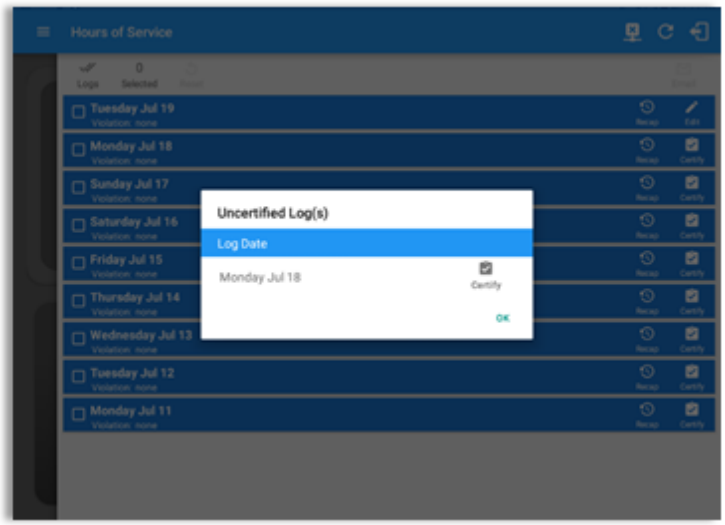
***Note**: Email sender is dependent on what is set on Account Settings > Account controls > App Controls > Email Sender.*



'Email successfully sent' toast message will display below the screen once emailing of certified log is successful.



If the driver did not certify all the daily logs, the ELD will prompt the driver regarding uncertified logs upon logging in and logging out to the app along with the option to certify the relevant days.



***Note**: During log certification, if the PDF upload fails, a copy of PDF file is saved into the PDF Archived folder under the App directory: Internal storage/ [App Name Folder]/PDF Archived/Certified Logs. This can be obtained manually if user reaches to more than two retries of failed upload.*

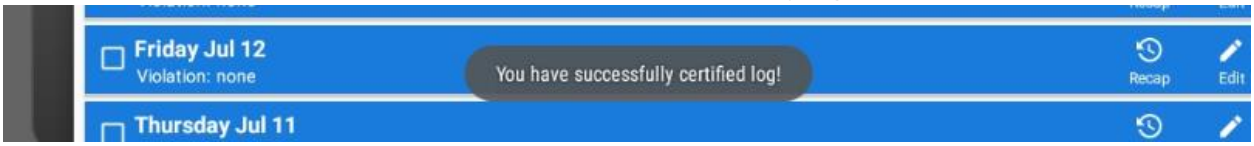
d. The **Daily Log PDF report** will then be generated.

e. The application also supports generation of the Driver's Daily Log when in Offline mode. These logs are then stored locally in the **App Name**'s directory, same location as to where the DVIR Reports (pdf) are stored.

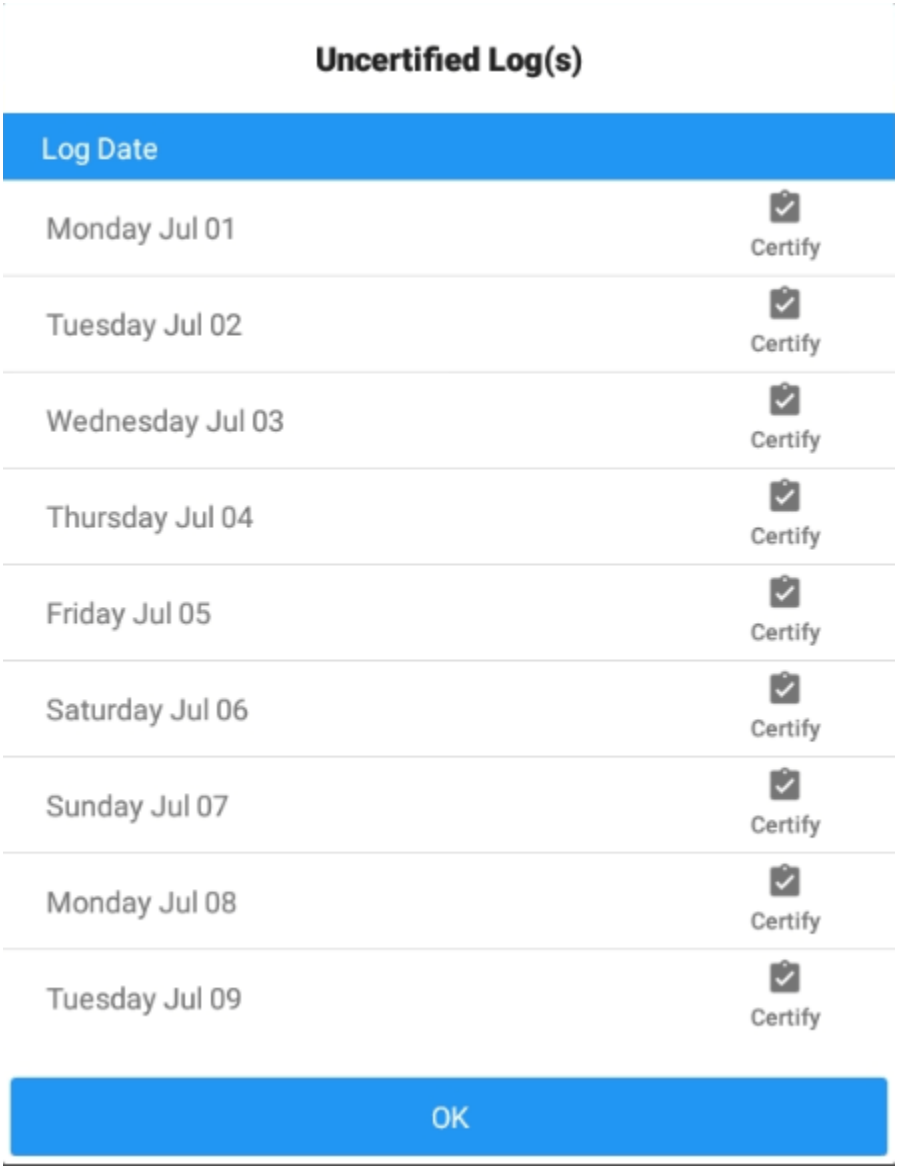
Note:

Per FMCSA ELD rule 395.15 (c) (11) The names of the co-drivers are displayed and are listed either on the same line as the list of Violations and Exceptions or below it. Also the Vehicles/Trailers used by the driver(s) are also displayed. *Click here to view a sample of the Daily Log PDF report.*

f. Tap the **OK** button to confirm the certification of the driver's daily log.



g. However if the driver did not certify all the daily logs, the ELD prompts the driver upon logging in and logging out to the app when there's a past recorded log that are not yet certified.



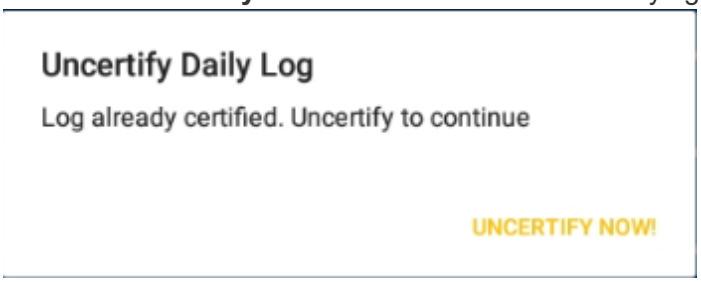
h. Tapping on the Certify button will display the certify dialog. Upon certifying the driver's daily log(s) it will create a Certify event with a remark which states: "**Certified Log <date of the log>** " and will be recorded and displayed on the Edit Logs screen.

7.

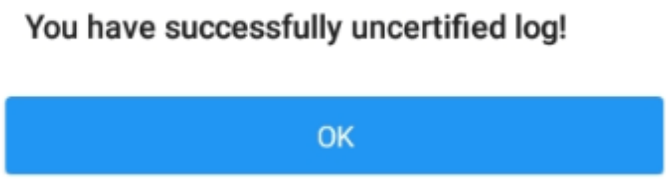
Edit Button: Tap the button to uncertify the selected daily log and reopen the said log for editing.

Note: Only driver logs that have not yet been certified can be edited, If a user wants to edit an entry for a day that's already certified, a warning dialog will launch the "uncertify dialog" before letting the edit occur.

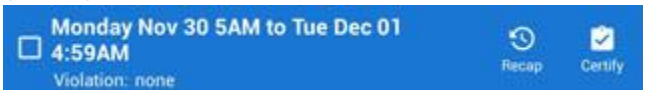
a. Select the **Uncertify Now button** to confirm uncertifying a daily log.



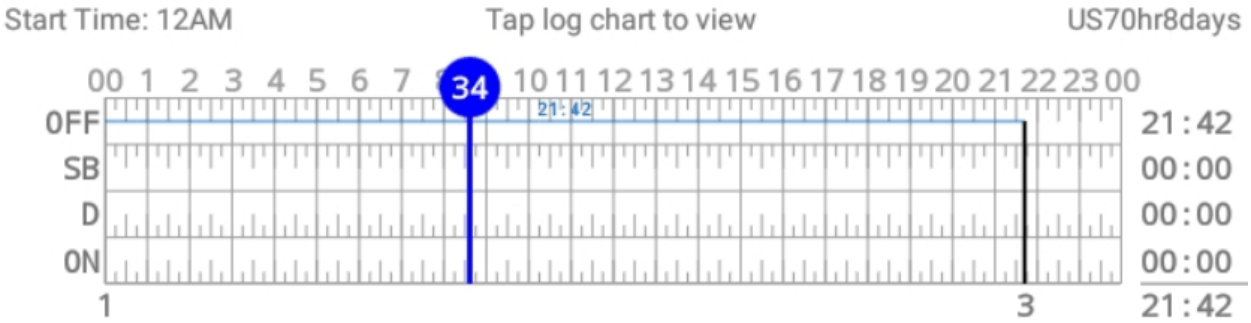
b. Tap the **OK** button to confirm the uncertification of the driver's daily log.



8. **Daily Driver Logs Full Time Range:** Displays when the **Start Hour** value is not set to zero or default (12AM).

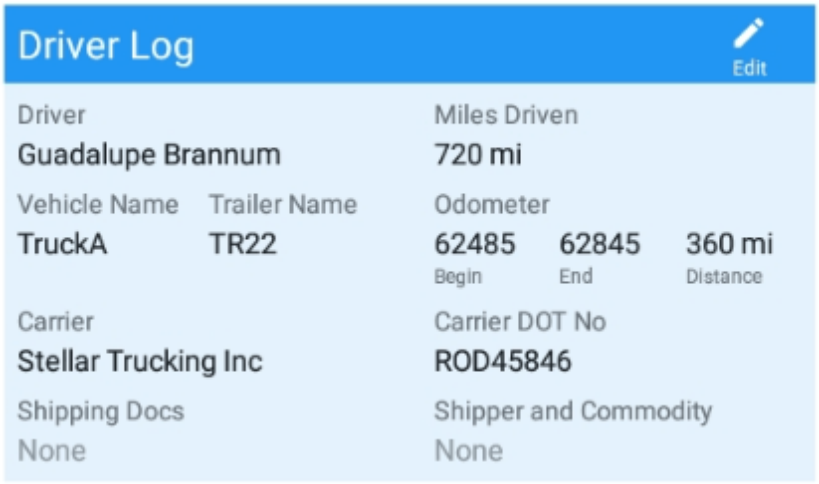


<u>The Driver Logs Accordion - Expanded View Features/Editing a Driver Log</u> Daily Driver's Log Chart: Tap the driver's log chart to start editing it.



*For further information on how to update driver logs, please proceed to the **Hours of Service App Edit Driver's Log** help screen.*

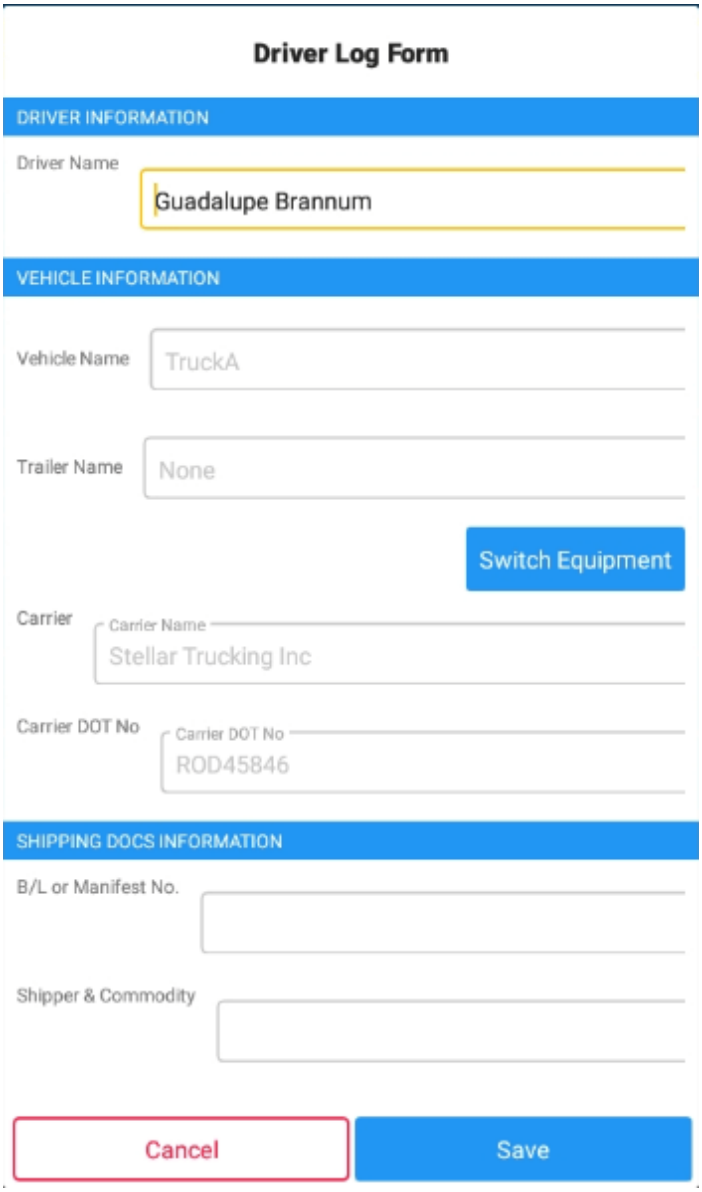
Daily Driver's Form: This is where you can view the other required information that should be in the driver's daily log.



The following are the information you can view:

1. **Driver Information**
    a. **Driver Name** - This shows the name of the driver.
    b. Vehicle Information
        i. **Vehicle Name** - This displays the Vehicle ID.
        ii. **Trailer Name** - This is where you can view the Trailer ID.
        iii. **Carrier** - This displays the name of the carrier. Driver can change their carrier (*for driver who drives for more than one fleet or DOT number*) if the are allowed to do so. This permission can be enabled in **driver settings > Allow Carrier Change** option.
    c. Shipping Information
        i. **Shipping Docs** - This is where you can view the bill of lading or manifest number.
        ii. **Shipper & Commodity** - This displays the shipper name and the type of commodity which the shipment contains.
2.

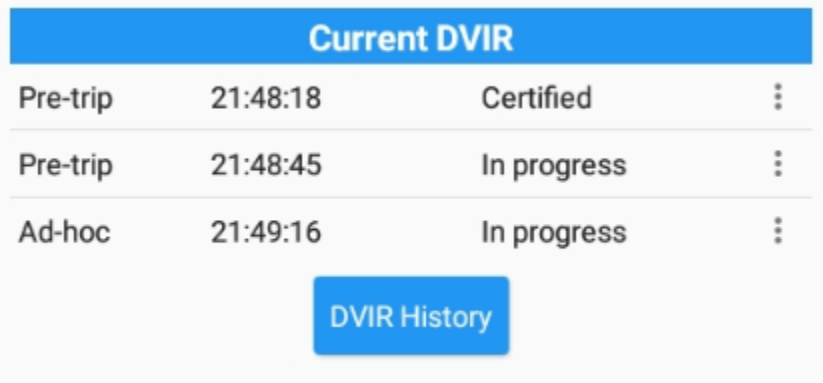
Edit Daily Driver's Log Form Button: Tap this button to bring up the **Driver Log Form** which is the form where you can update the other required information that should be in the driver's daily log.



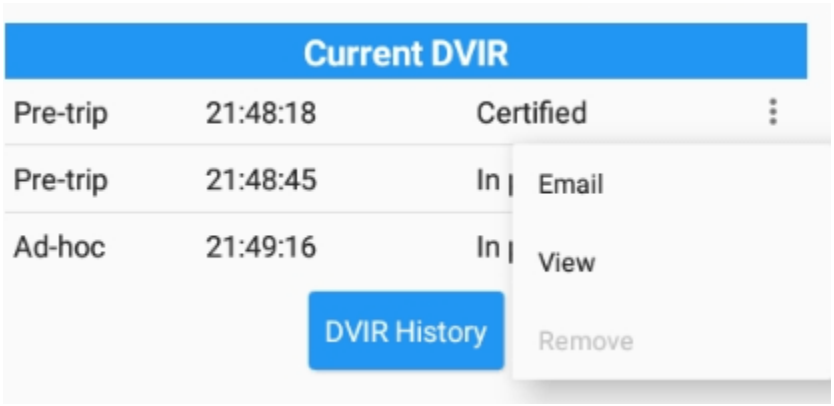
The following fields and button can be seen within this form:

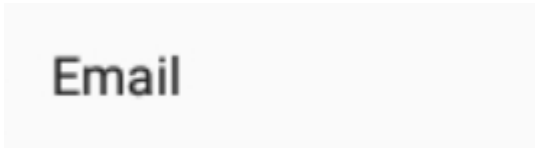
a. **Driver Name** - This is where you fill in the name of the driver.
b. **Vehicle Information**
    i. **Vehicle Name** - This field indicates the Vehicle Name.
    ii. **Trailer Name** - This field indicates the Trailer Name.
    iii. **SWITCH EQUIPMENT**- Tap this to launch the Switch Equipment dialog and change the Vehicle Name and Trailer Name.
    iv. **Carrier** - This field indicates the name of the carrier. This is not editable
    v. **Carrier DOT No.** - This field indicates the DOT No. of the carrier. This is not editable
c. **Shipping Information**
    i. **B/L or Manifest No.** - This is where you input the bill of lading or manifest number.
    ii. **Shipper & Commodity** - This is where you key in the shipper name and the type of commodity which the shipment contains.

3. **DVIR:** This is where you can view a list of the DVIR conducted during the selected working day.

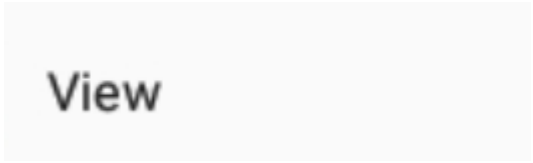


   a. Tap the ⋮ icon to open the pane for the Email and View options.

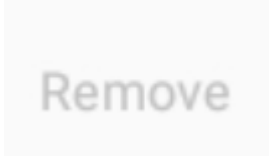


   b. Tap the 

Email Button to send the completed vehicle inspection to an intended recipient.

   c. Tap the 

View Button to view the vehicle inspection details.

   d. Tap the 

Remove Button to remove the inspection (**Note:** You can only remove In Progress vehicle inspection.)

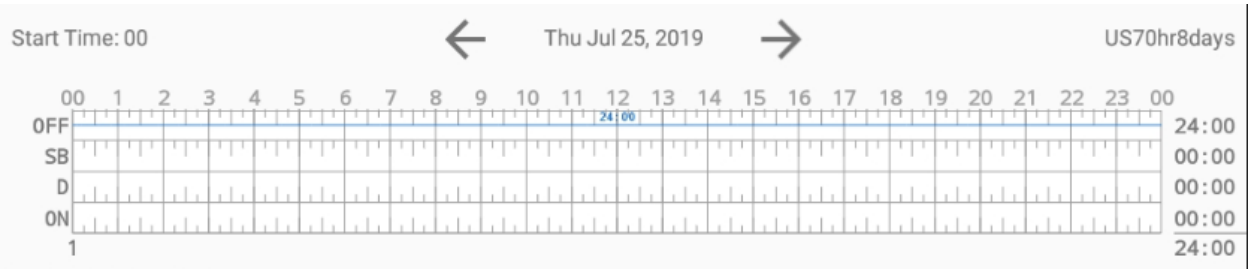
4.

DVIR Button: Tap this button to bring up the DVIR screen of the HOS app which is where you can perform a DVIR. *For more information on how to manage DVIR, please proceed to the **Hours of Service DVIR** help screen.*

Editing a Driver Logs

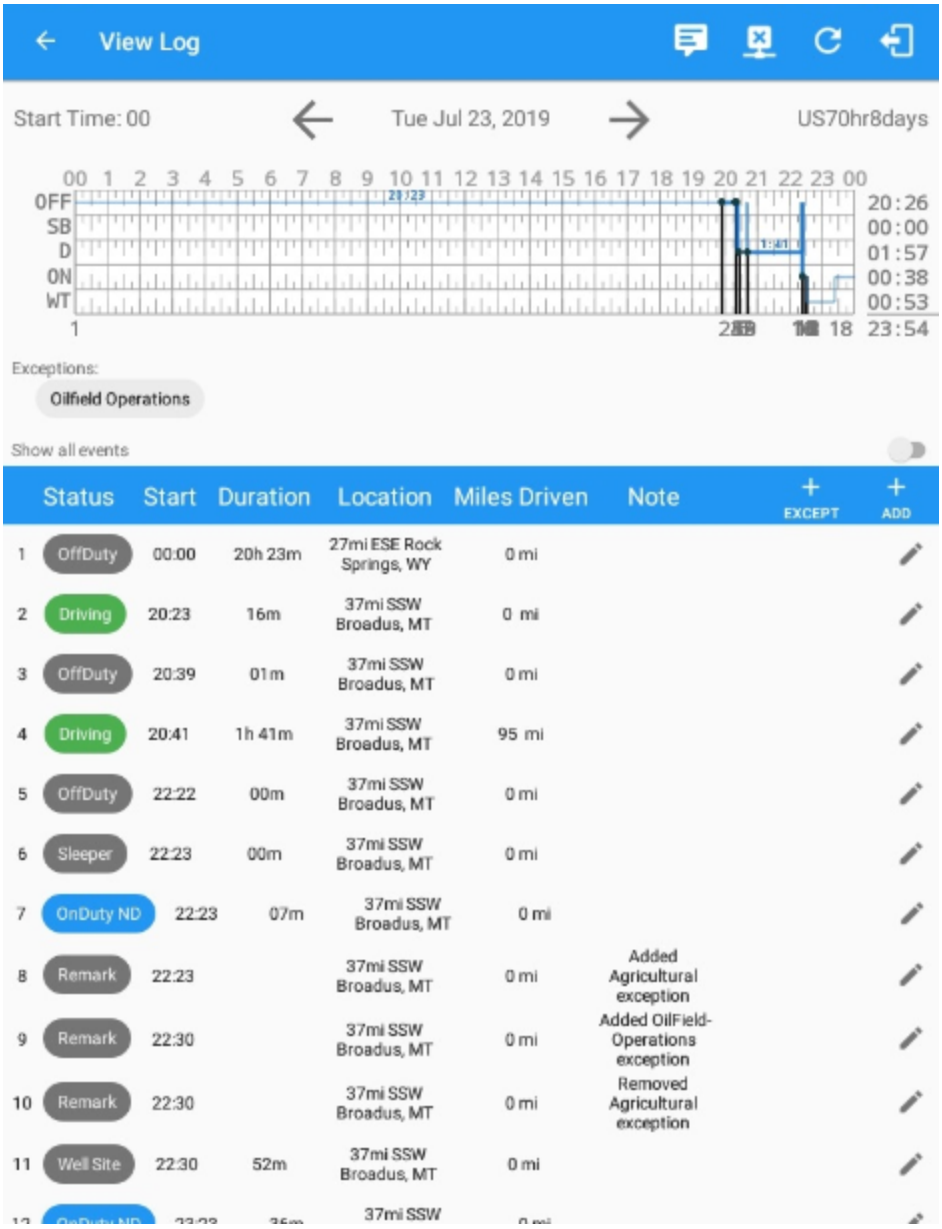
The **Edit Log** screen can update/correct the driver's or driving duty data entries logged through the HOS app. It can also view the history of an edited log.

1. **Daily Driver's Log Chart:** Touch the driver's log chart to start editing it.

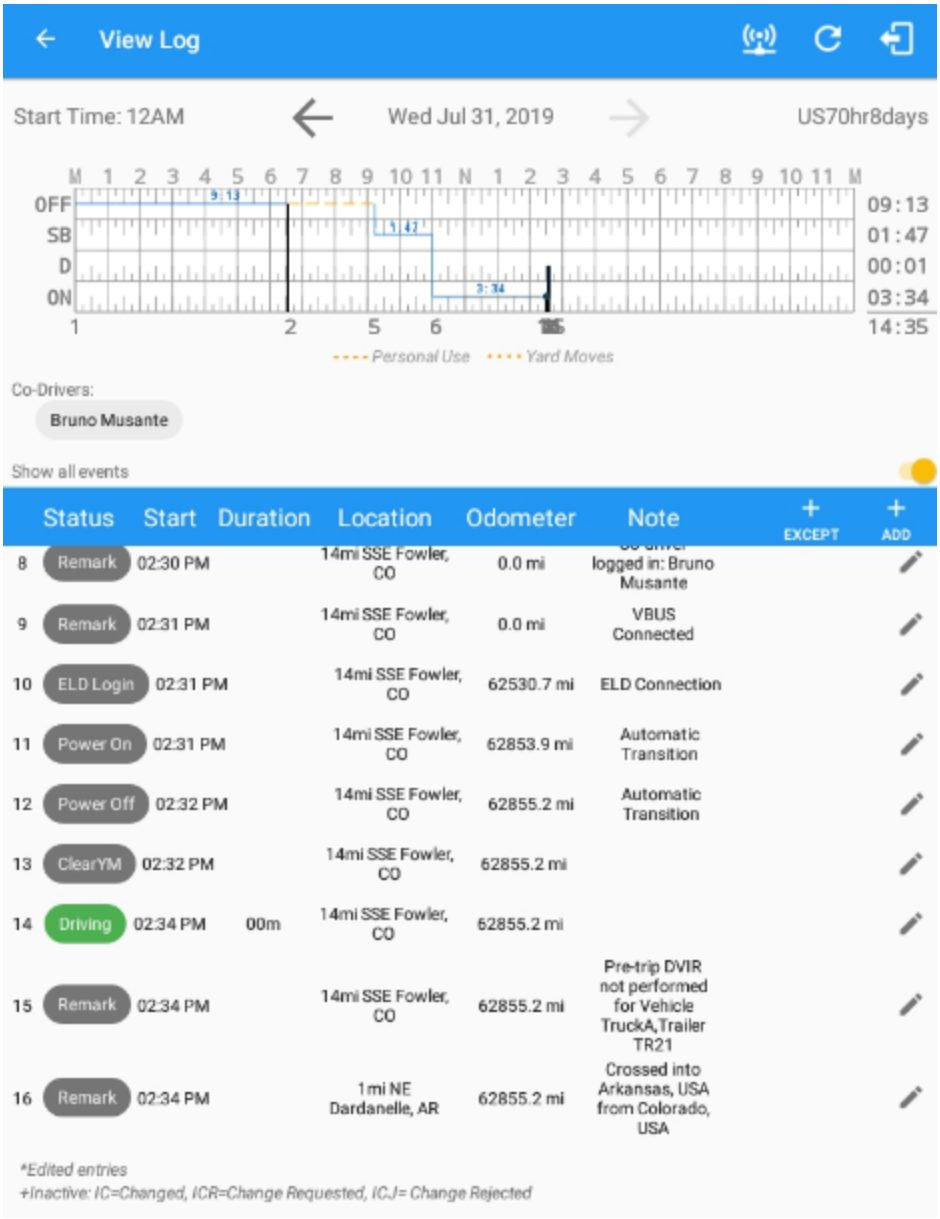


   a. You can navigate through the daily driver logs by selecting either the Previous Day or Next Day Button.
   b. You can also view the cycle used and the Starting Hour of the day set by the carrier which is placed just above the grid chart

   - By default, secondary events are not displayed and only primary events can be viewed in the Event History List.



You can show all events by tapping the Show All Events option.



- You can add exceptions by tapping the

Add Exception Button.
The **Exception Pop-up Dialog** will then appear where you select as to which exception the driver will use.

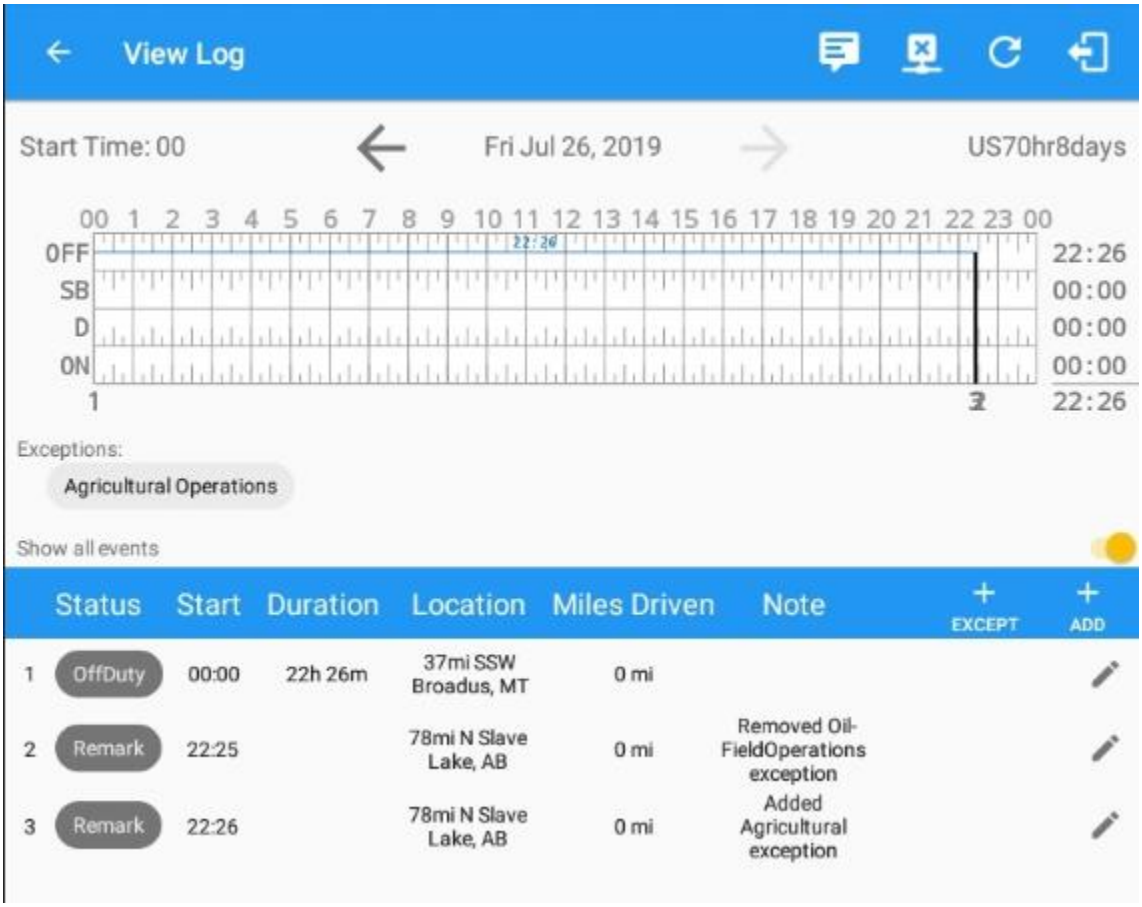
Add Exception

- [ ] Relief from Driving rules for State of Emergency
  390.23 - State of Emergency
- [ ] 2 Hour Driving Extension for Adverse Driving Conditions
  395.1(b)(1) - Adverse Driving Conditions
- [ ] Relief from All Driving Rules for Emergency Conditions
  395.1(b)(2) - Emergency Conditions
- [ ] Driver-salesperson whose total driving time does not exceed 40 hours in any period of 7 consecutive days
  395.1(c) - Driver-Salesperson
- [ ] Oilfield Operations with 24 hour restart
  395.1(d) - Oilfield Operations
- [ ] 30 Minute Break Exemption for Short-haul Drivers
  395.1(e)(1) - Short-haul No Break
- [ ] No Logs for CDL Short-haul Drivers operating within 100 air miles (12 hour shift)
  395.1(e)(1) - Short-haul CDL No Logs
- [ ] No Logs for Short-haul Asphalt, Ready-Mixed Concrete Drivers or Non-CDL-Drivers operating within 150 air miles (14 hour shift)
  395.1(e)(2) - Short-haul Non CDL/Ready-Mixed Concrete
- [ ] No logs for Agricultural Operations
  395.1(k) - Agricultural Operations
- [ ] 24 Hour Restart for Construction, Groundwater well-drilling
  395.1(l,m) - 24 Hour Restart
- [ ] Relief from All Driving Rules for Utility Service Vehicles
  395.1(n) - Utility Service Vehicle
- [ ] 16 Hour Driving Window Once Per Week
  395.1(o) - 16 Hours Driving Window
- [ ] 30 Minute in-attendance break for HazMat drivers
  395.1(q) - HazMat In-attendance Break
- [ ] 30 Minute Break Exemption for Commercial Bees and Livestock haulers
  395.1(u,v) - Transport of Commercial Bees, Livestock
- [ ] 30 Minute OnDuty break for Asphalt drivers
  FR Vol83No18 - 30 Minute OnDuty Break
- [ ] Hi-rail 2 hour travel exclusion
  395.1(w) - Hi-rail Vehicle
- [ ] 30 Minute Break Exemption for Oversize/Overweight Loads
  395.3(a)(3)(ii) - Oversize/Overweight Loads
- [ ] 30 Minute Break Exemption for Petroleum Tank Drivers
  FR Vol83No68 - Petroleum Haulers No Break
- [ ] No Logs for Non Commercial Motor Vehicle
  - Not-CMV

Enter reason for exception(s)

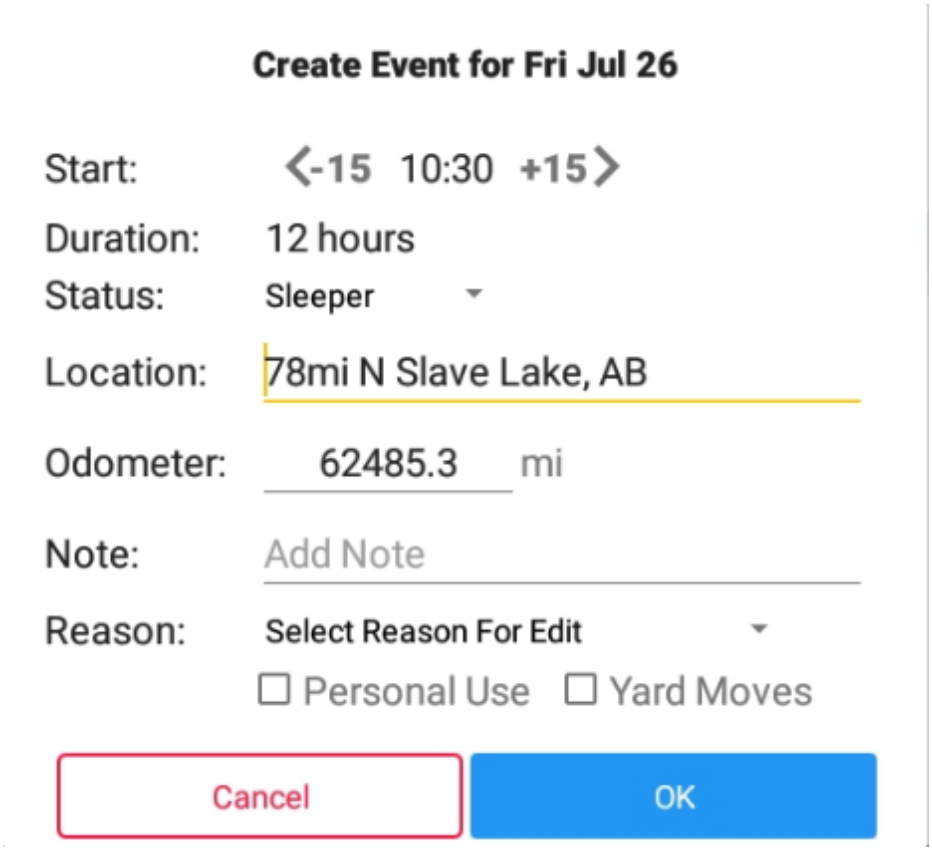
CANCEL OK

When adding an exception, the reference is displayed below the log grid and that it creates a remark event when an exception has been added. Also it creates another remark event when an exception is removed (or disabled).



Note for the remark states: "Exception added: " example: "*Exception added: 395.1(d)*" and "Exception removed: " example: "*Exception removed: 395.1(d)*"

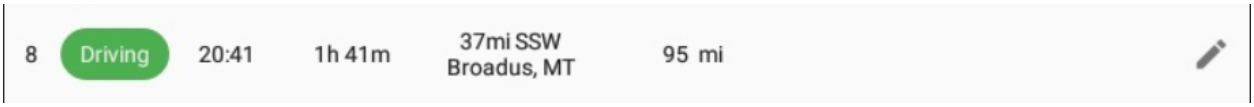
- You can add new events by tapping the ADD **Add Events Button**. The **Create Event Pop-up Dialog** will then appear where you can input the details of the new event.



Notes:

- The current status of the app is disabled to prevent adding the same status consecutively.
- The backward and forward time arrows are being disabled to prevent time from going before or after the current day. (eg. 12:00AM – 11:59PM)
- The driver is allowed to add or edit an event in the app if '**Allow ability to edit logs** option in portal->settings->account setting under Portal Controls and '**Allow ability to edit logs**' in Drivers Management page are enabled.

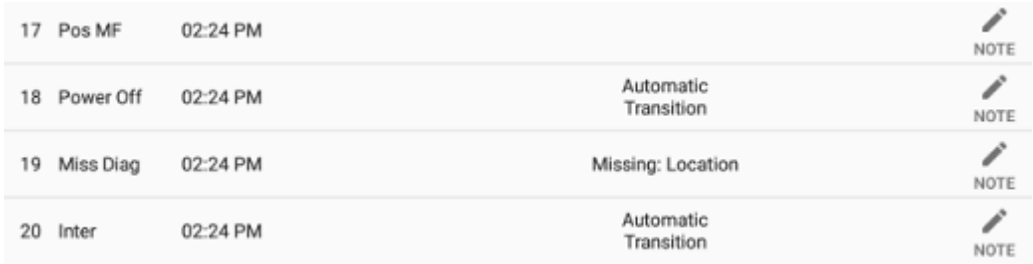
- Select the **Edit Log Button** of the driver log event that you wish to edit.



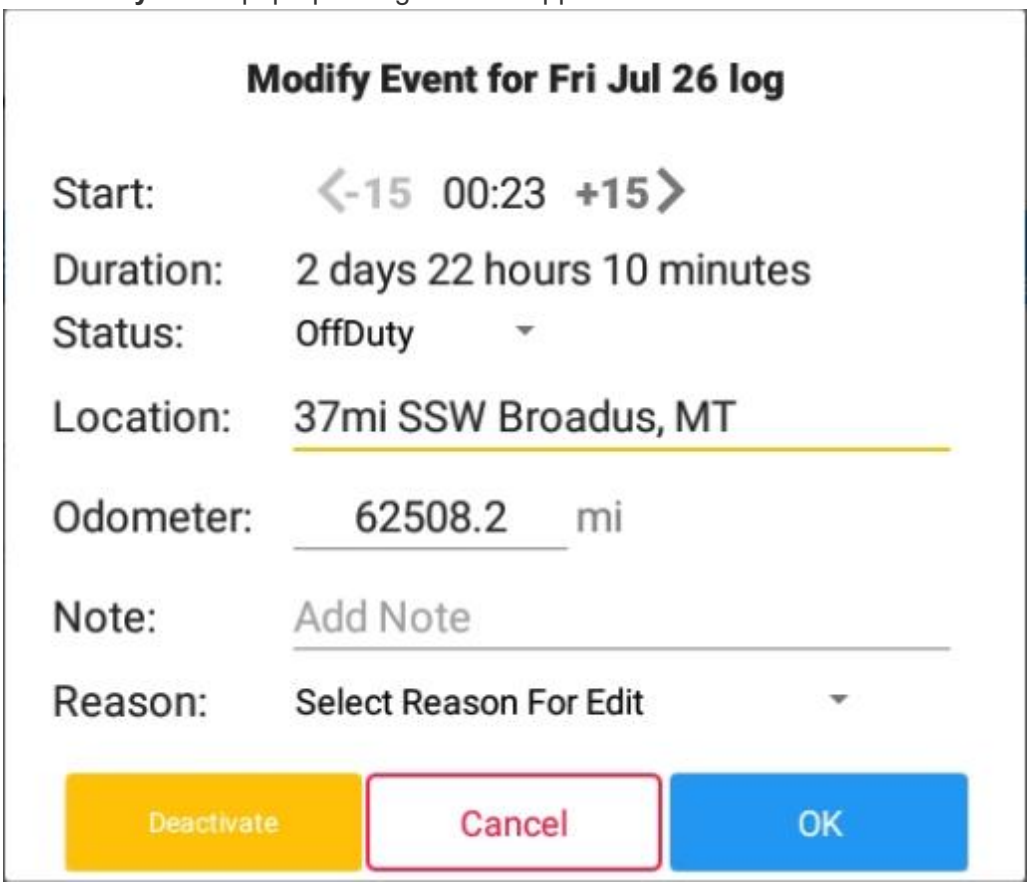
Note: The Edit Log Button will show **NOTE** instead of **Edit** because the driver will only be able to add a note to the following events:

- Intermediate log
- Login/logout
- CMV Engine power up/shut down

- Malfunctions and diagnostic events

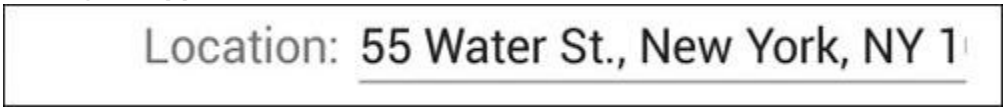


- The **Modify Event** pop-up dialog will then appear.



- You can update the duty status from the **Status Drop-down List**.

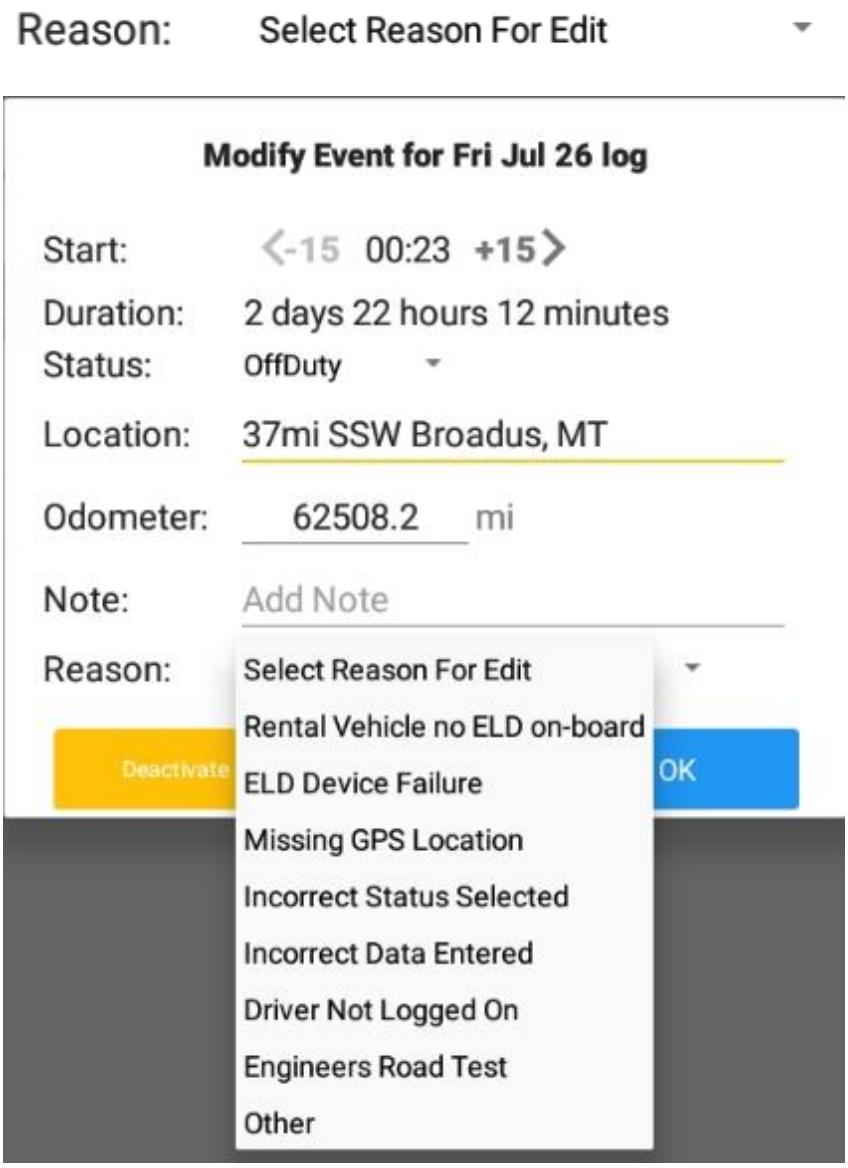
- You can also manually update the **Location** field.
- Location will be displayed as street address if driver is in **Canadian** cycle or vehicle used is in **AOBRD** mode and '***Display Street Address for AOBRD Mode***' option is enabled in ***Account Settings*** > ***App Controls***.



- You may fill in the **Note** field for your notes or remarks.

In creating or editing an event status, the ELD requires annotations to be 4 characters or longer, including embedded spaces if driver annotation is required and driver is prompted by the ELD. If the driver enters an annotation with less than 4 characters then a warning dialog will prompt the driver.

- Tap **Reason** dropdown selection to select a reason for updating the log.



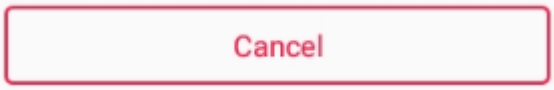
Note: Adding/Editing a current/previous record should not require a reason or a note, However, if a record is being added/edited in the previous logs then the Note field should not be empty and must contain at least 4 characters.

- You may fill in the **Odometer** field for your odometer value.

Note: When the Odometer value was supplied for a previous driving status the value entered is carried over to the new driving status when making a status change. Hence, the Odometer value entered for the current day will set as the Begin Odometer value.

- Touch the

OK Button to save the changes you made to the duty status event.

  You can select the 

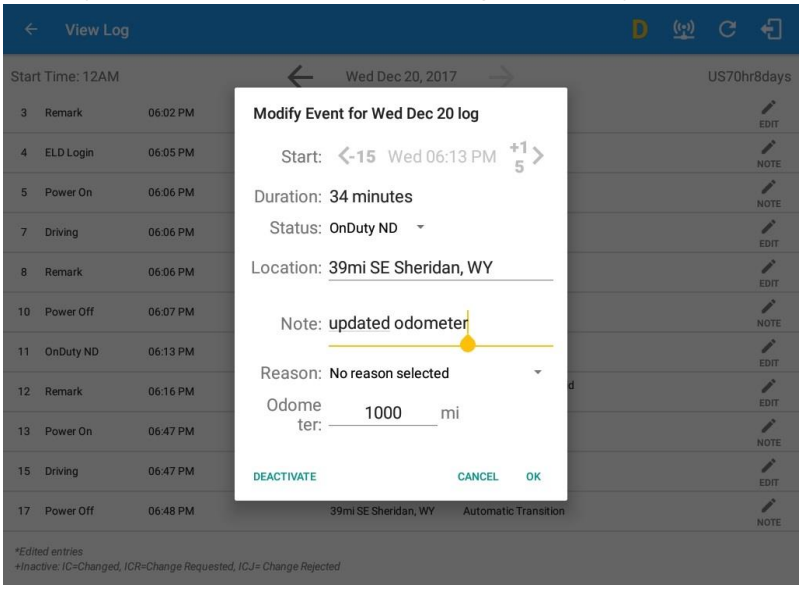
Cancel Button to cancel the updates to the said duty status or

  the

Deactivate Button to deactivate said event.

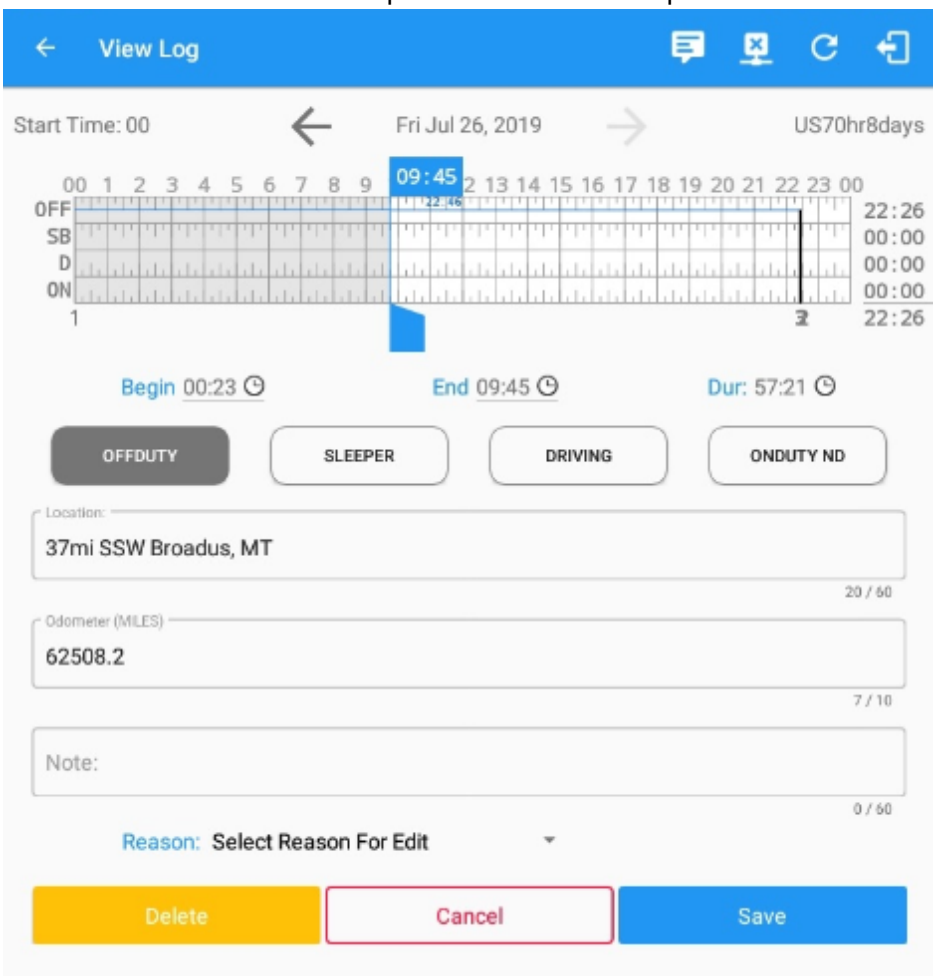
Notes:

- When the driver is in AOBRD mode then the edit **"*"** sign & events will not be displayed in the **Edit Logs** screen and on the **Certified PDF logs**.
- Regardless if the vehicle currently used is in AOBRD or ELD mode, driver can be able to edit the Auto OnDuty ND event the same with editing a manually created events.

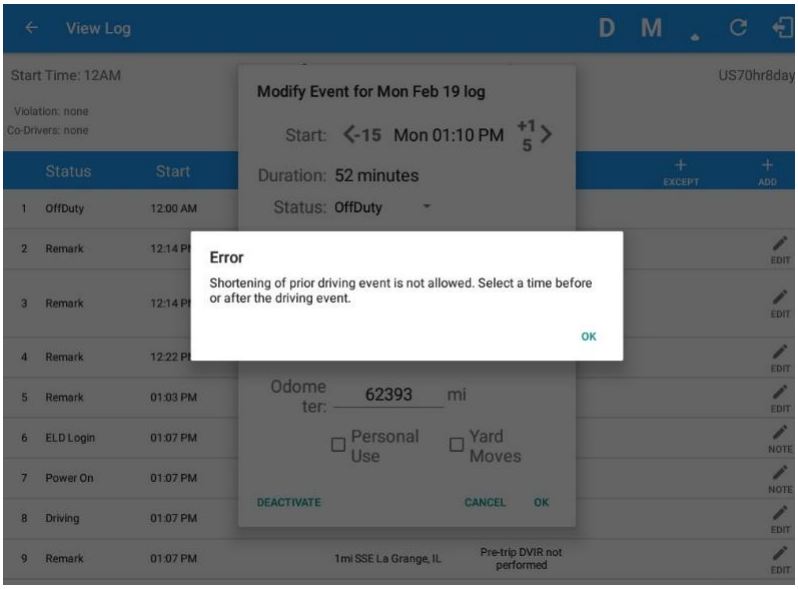


- When Use GridView Editing is enabled in Settings->HOS Preferences, a grid view editing will display upon tapping Edit button to any of the existing log events. User can then make any required changes, select a

reason for the edit from the drop down list and then tap the Save button to save the changes.



- **Display Street Address** option will allow drivers to select where to get the location if it is the actual location or the nearest City with 5,000 population when in AOBRD mode. The option will only display for drivers that have permission which is set by the personnel in the portal->Account Settings under App Controls > 'Display Street Address for AOBRD mode'.
- Attempt to create or edit an event such as Off Duty, On Duty, Sleeper Berth in the middle of an automatically Driving event is not allowed, instead an error dialog is displayed stating "Error: shortening of prior driving event is not allowed. Select a time before or after the driving event.". Editing the event can only be allowed if the set start time is the time after the app has lost VBUS connection or when Bluetooth device is disabled.

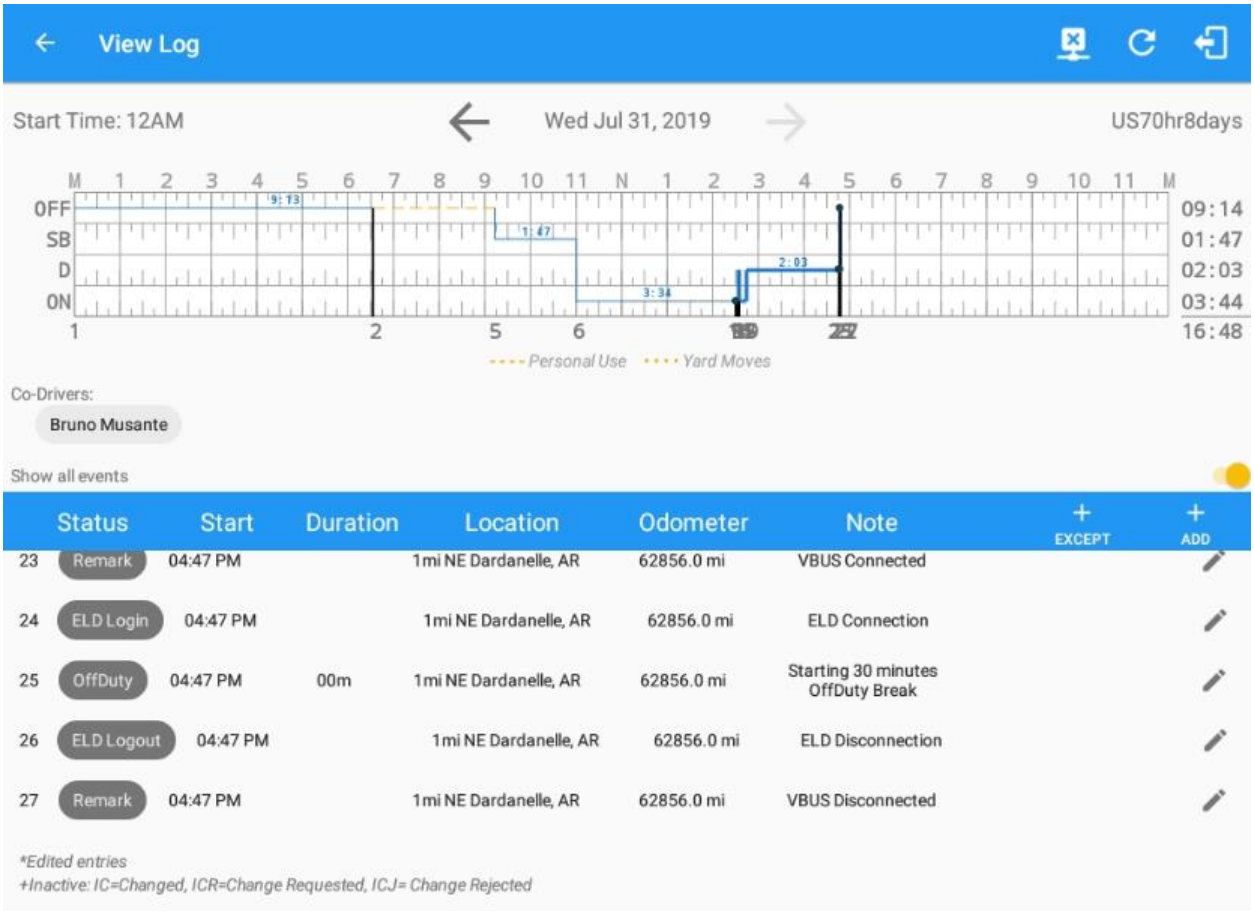


- Personal Use and Yard Moves options are not displayed when editing an event (both via Legacy Editing and Grid View Editing mode)

Created Events

Upon logging in and logging out of the HOS app, as well as connecting and disconnecting to a VBUS Device, new event types will display on the Event History List. The New Event Types are as follows:

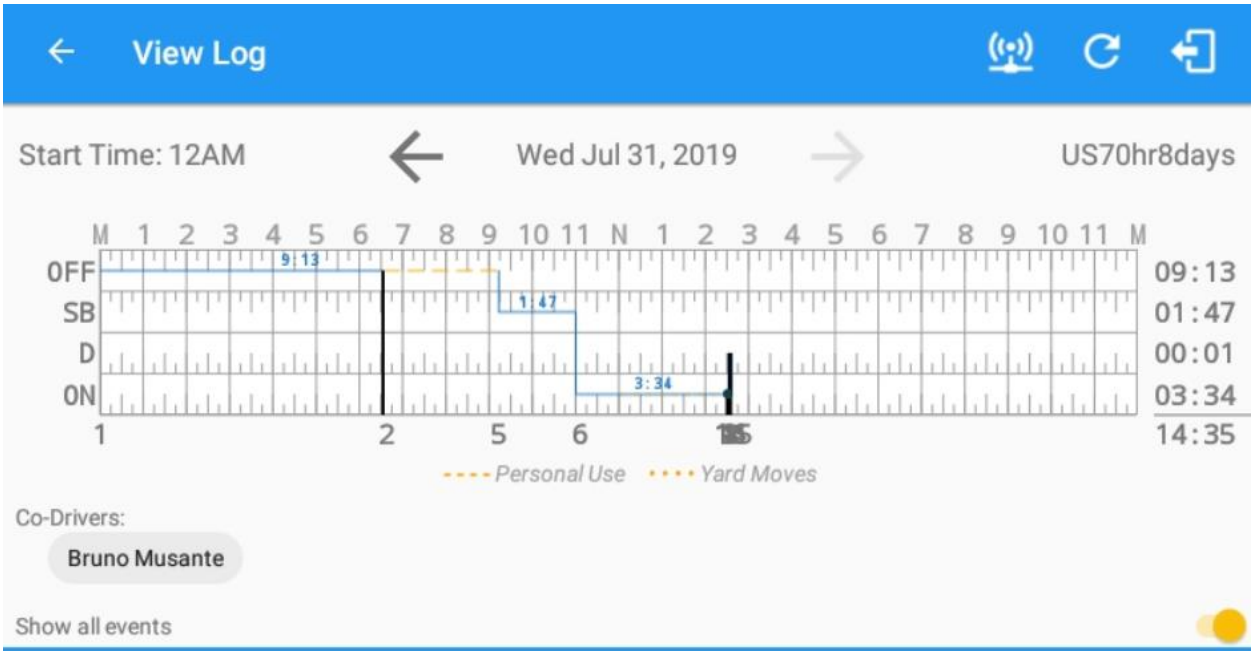
- Certify
- Remark - with a note of “Authenticate” (if logging in) or “Unauthenticate” (if logging out)
- ELD Login - event that will be recorded when app is connected to VBUS Device
- ELD Logout - event that will be recorded when app is disconnected to VBUS Device

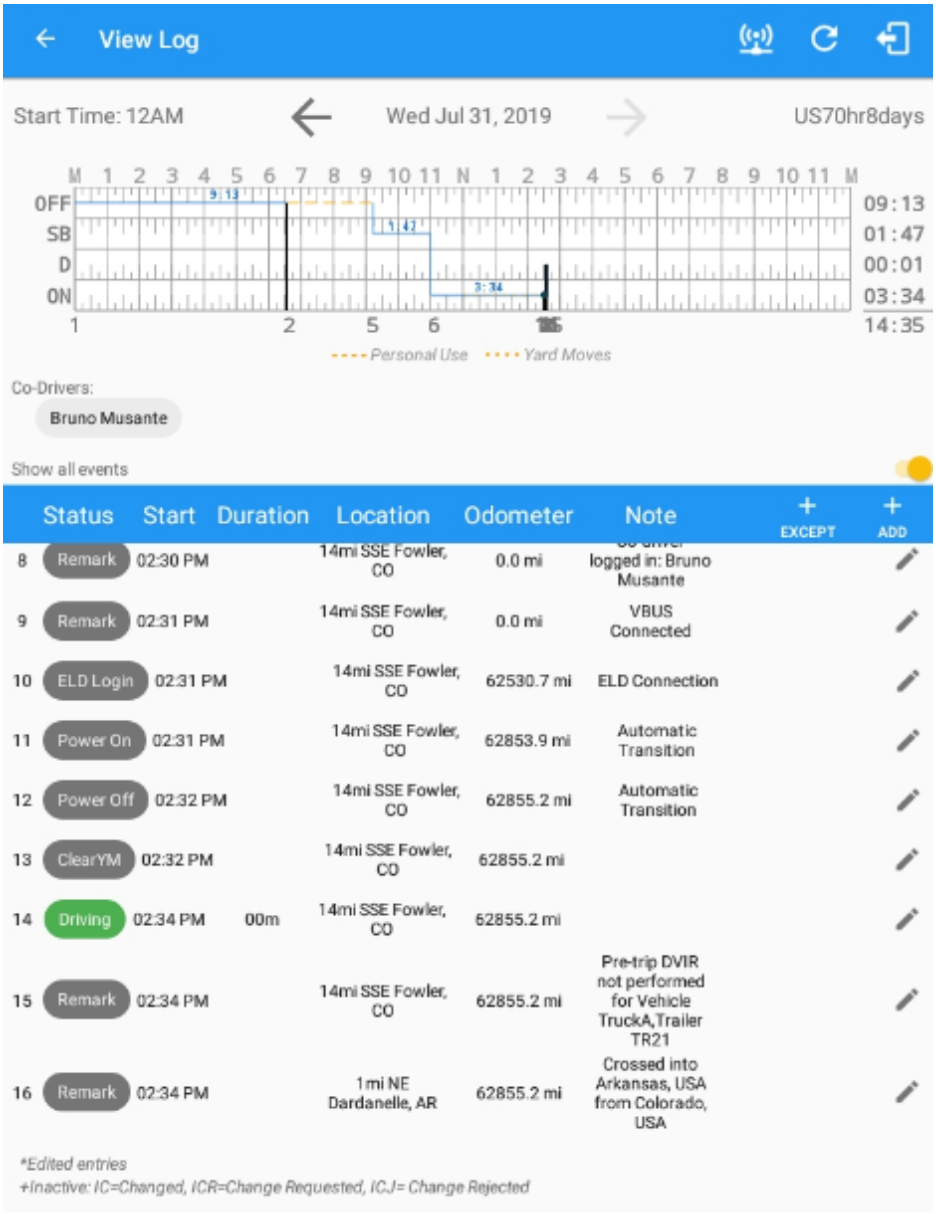


Note: Auto events created are recorded in the app with a note stating: "**Automatic Transition**"

- **Personal Use** - If this is enabled, the status will be set to Off Duty automatically and will disable the Yard Moves checkbox. Selection of this option will be recorded within the events history list.
- **Yard Moves** - If this is enabled, the status will be set to On Duty automatically and will disable the Personal Use checkbox. Selection of this option will be recorded within the events history list.

Note: Not all of the events statuses are displayed on the grid chart. ***Personal Use*** and ***Yard Moves*** are also displayed on the grid chart as an **Amber** color line to be visually different with the other event statuses, **a dashed line** represents the ***Personal Use*** event and **a dotted line** represents the ***Yard Moves*** event. The legends for ***Personal Use*** and ***Yard Moves*** event will only display when the said events occurred. A driver's indication that the CMV is being operated for authorized personal purposes may span more than one CMV ignition on cycle if the driver proactively confirms continuation of the personal use condition prior to placing the vehicle in motion when the ELD prompts the driver at the beginning of the new ignition power on cycle. In addition, upon disabling the events "***Personal Use***" or "***Yard Moves***", it records a new event on the list stating "**ClearPC** or **ClearYM**" which indicates the clearing of the option for **Personal Use** and **Yard Moves**. Thus, it will not reflect on the grid chart.


View Log
Start Time: 12AM
Wed Jul 31, 2019
US70hr8days
M 1 2 3 4 5 6 7 8 9 10 11 N 1 2 3 4 5 6 7 8 9 10 11 M
OFF
SB
D
ON
9:13
1:47
3:34
09:13
01:47
00:01
03:34
14:35
1
2
5
6
Personal Use
Yard Moves
Co-Drivers:
Bruno Musante
Show all events

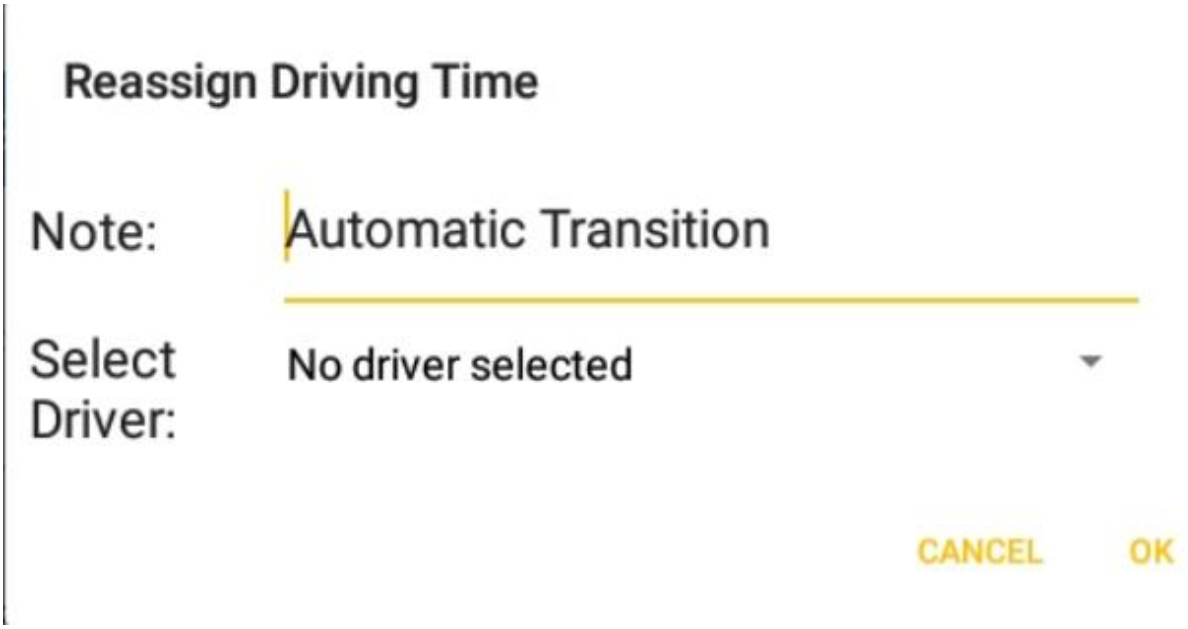


Note: When a co-driver is log into the HOS app, the co-drivers name is displayed on the daily logs which is placed right below the grid chart.

Re-assigning driving time to a co-driver

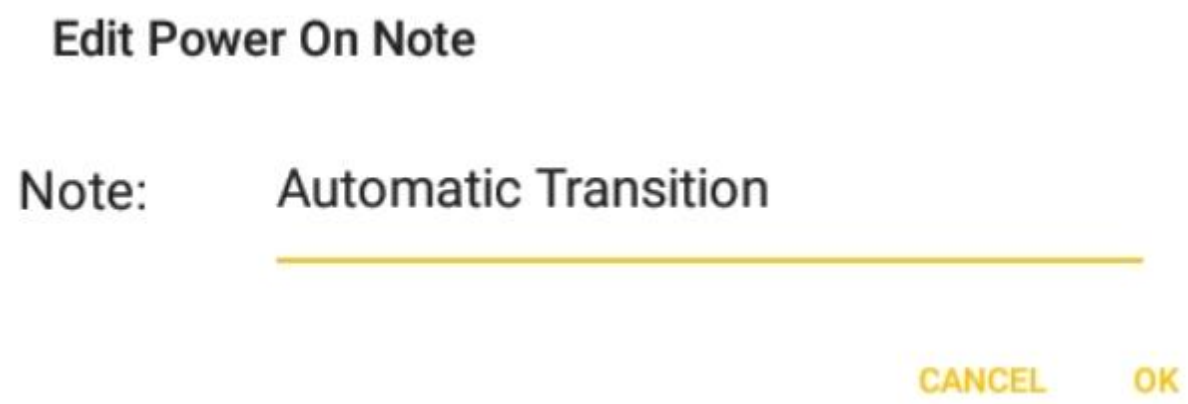
The Primary driver is allowed to re-assign his driving status/time to his co-driver (if the co-driver logs in).

- Tap the Edit icon on the edit logs screen to re-assign the status



- You will need to login the Co-Driver to make it active.
- You can also check on the event history list of the co-driver to confirm that the status is re-assign.
- When back to main driver, check also the event history list of the main driver to confirm that the driving status is no longer there.

Note: Only driving events that are created automatically can be reassigned, non-driving events such as Login or Power On can only be annotated.



Crossing Boundaries

The border crossing calculation uses the VBUS GPS coordinates if they are available, and the android coordinates if they are not. The following instances happens when the driver crossed boundaries between Canada and US (vice versa):

a. If the GPS coordinates are changed to a different state or province, a remark event will be recorded in the driver log.

	Status	Start	Duration	Location	Odometer	Note	+ EXCEPT	+ ADD
8	Remark	02:30 PM		14mi SSE Fowler, CO	0.0 mi	logged in: Bruno Musante		
9	Remark	02:31 PM		14mi SSE Fowler, CO	0.0 mi	VBUS Connected		
10	ELD Login	02:31 PM		14mi SSE Fowler, CO	62530.7 mi	ELD Connection		
11	Power On	02:31 PM		14mi SSE Fowler, CO	62853.9 mi	Automatic Transition		
12	Power Off	02:32 PM		14mi SSE Fowler, CO	62855.2 mi	Automatic Transition		
13	ClearYM	02:32 PM		14mi SSE Fowler, CO	62855.2 mi			
14	Driving	02:34 PM	00m	14mi SSE Fowler, CO	62855.2 mi			
15	Remark	02:34 PM		14mi SSE Fowler, CO	62855.2 mi	Pre-trip DVIR not performed for Vehicle TruckA,Trailer TR21		
16	Remark	02:34 PM		1mi NE Dardanelle, AR	62855.2 mi	Crossed into Arkansas, USA from Colorado, USA		

*Edited entries
+Inactive: IC=Changed, ICR=Change Requested, ICJ= Change Rejected

b. If the current location is in Canada, the driving rules will automatically switched to Canadian rules; similarly, if the location is in the US, the driving rules automatically switched to US rules.
c. If there is a co-driver logged in, both the remark and the rules changes will be occurring for them as well.

Note: These remark events will be reflected in the portal's Logs Tab

DVIR

Creating Your Pre/Post Trip Vehicle/Trailer DVIR

The DVIR feature provides a way for you to create online DVIR reports while in the field. This helps to ensure that your vehicle conforms to the FMCSA's safety regulations.

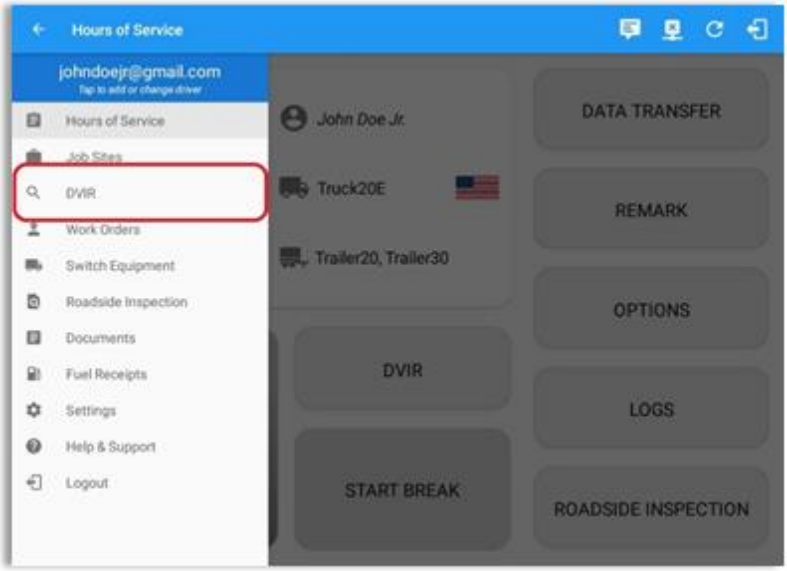
Driver can have a DVIR feature only if they have DVIR product enabled as allowed feature on their driver's account.

Different ways to go to DVIR Page:

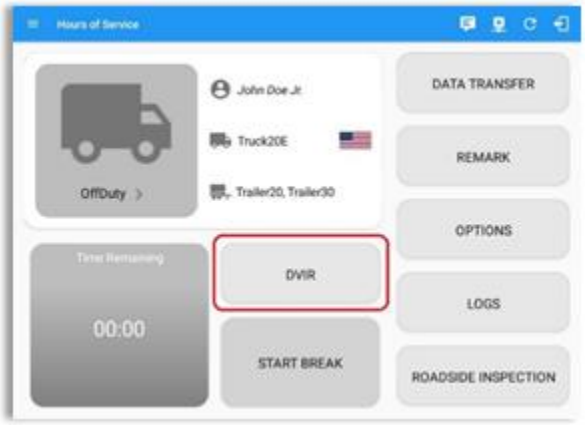
1. **Main Navigation Menu**

1. Slide the screen from left to right to show the ***Main Navigation*** Menu
Or
2. Tap the ***Main Navigation Hamburger icon*** to show the ***Main Navigation Menu***

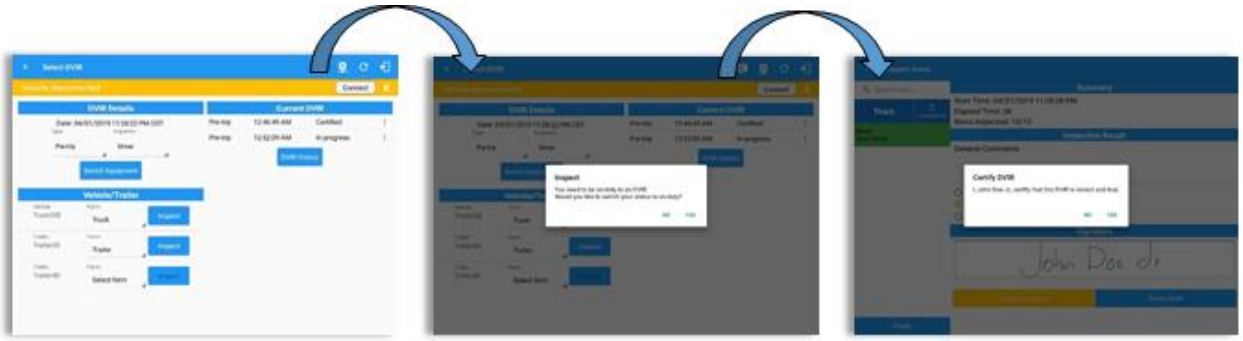
Tap the ***DVIR*** option within the ***Main Navigation Menu***



1. **DVIR Button**
    i. Go to **Hours Of Service Main Screen.**



From the ***Hours of Service Main Screen***, tap the ***DVIR*** button to display the ***DVIR*** screen.

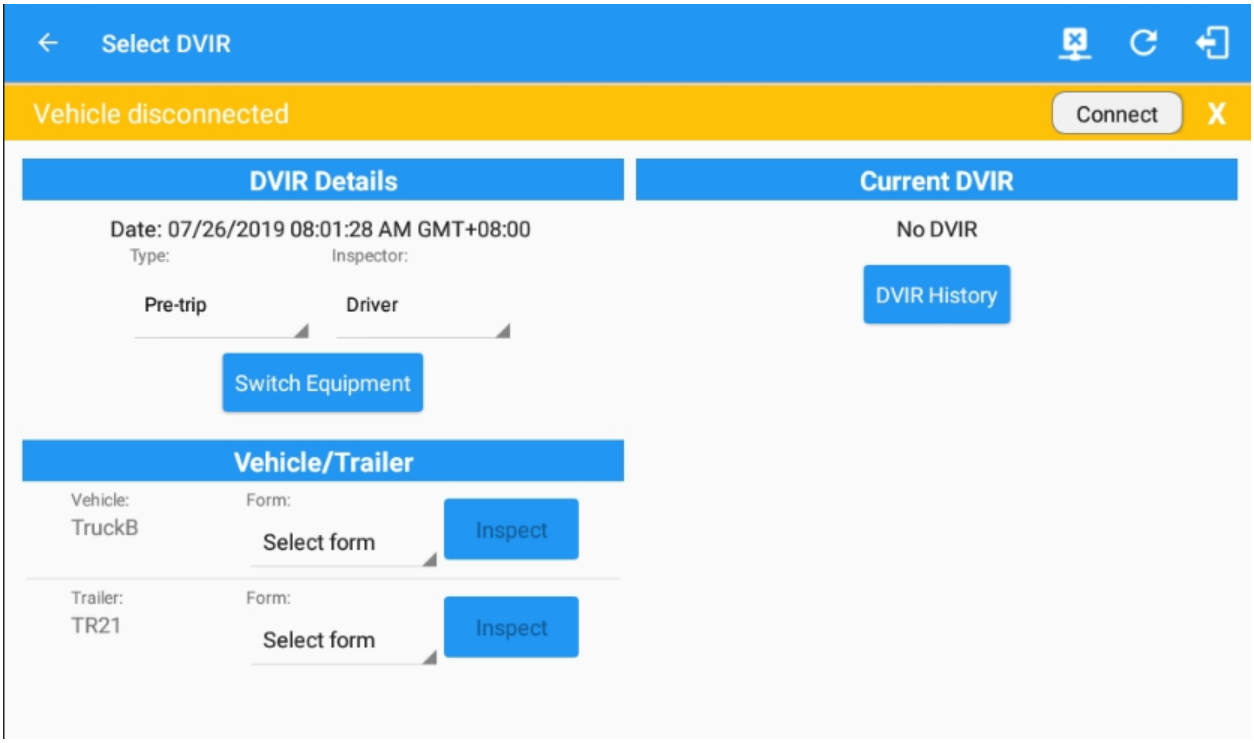


Notes:

b. When a driver manually/automatically change to 'Driving' event without completing the Pre-trip DVIR, a toast message will be displayed at the bottom of app stating: "*Please perform a Pre-trip DVIR*".
c. It will also create a 'Remark' event with a note '*Autogenerated: Pre-trip DVIR not performed.*'
d. The Remark event will be created once after it detects or when a first Driving event on the shift cycle is created.
e. Also, an **alert** is sent only once for each vehicle or trailer that begins to drive without having done a Pre-Trip DVIR.

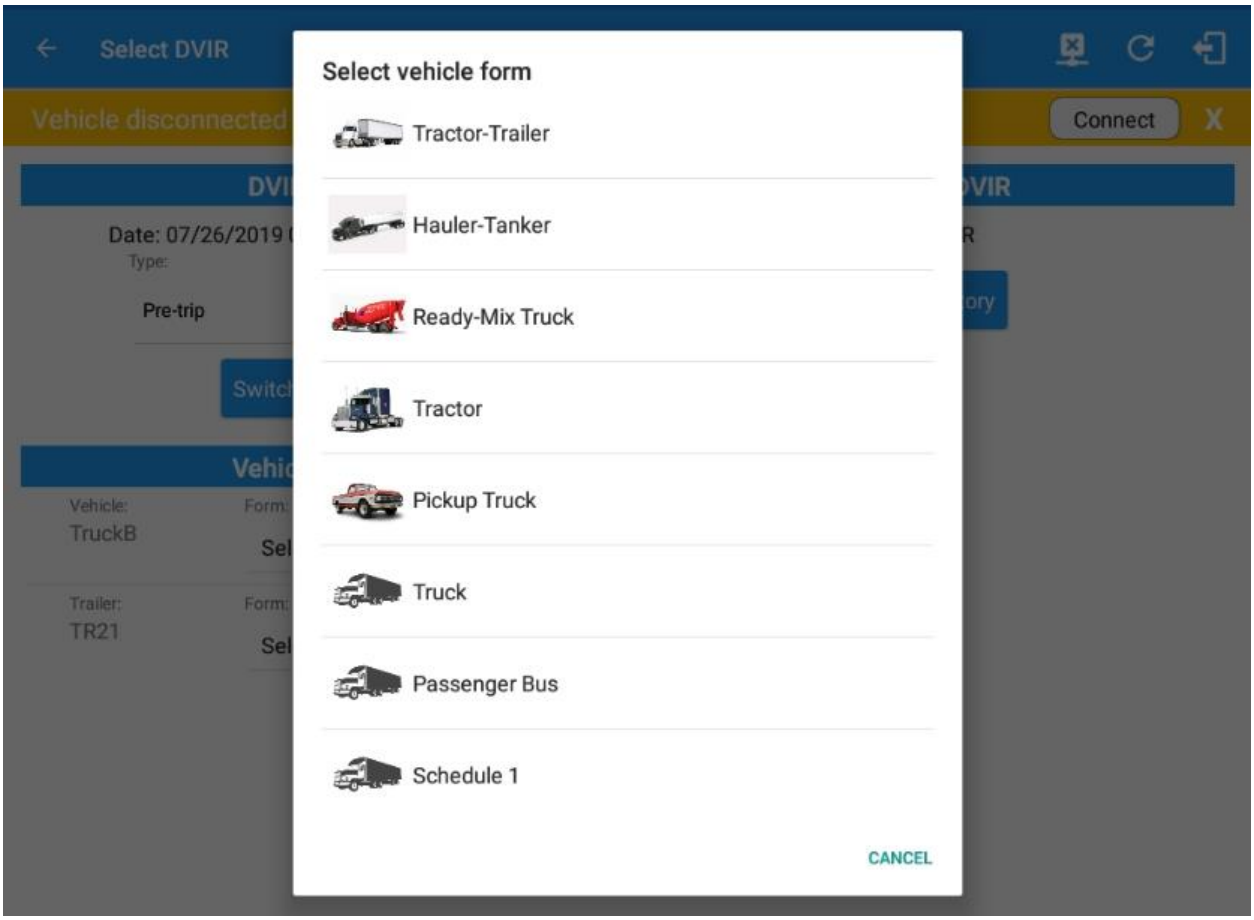
Setting Up Your DVIR Type

1. You can select a **DVIR Form** from the drop downs (Vehicle/Trailer).

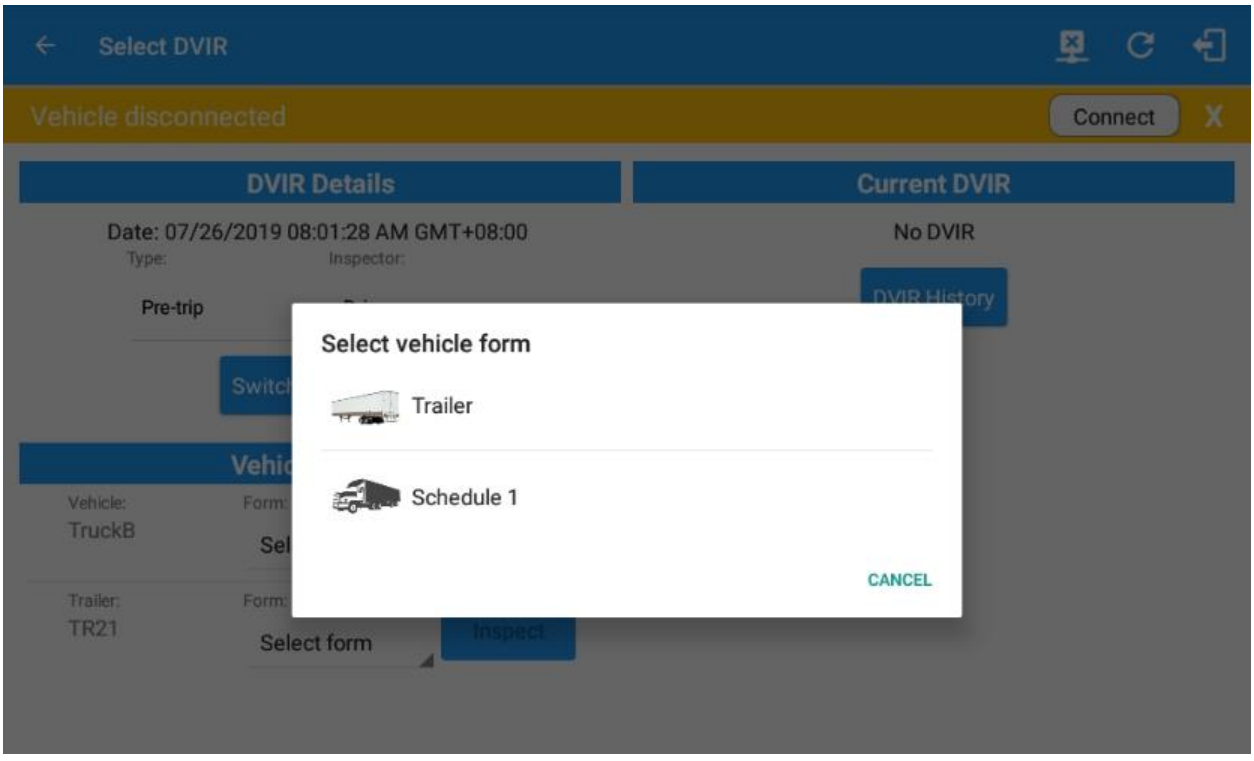


Note: Highlighted text only displays when conducting an inspection for the first time and that no DVIR forms are associated to the current equipment used.

a. Vehicle Form

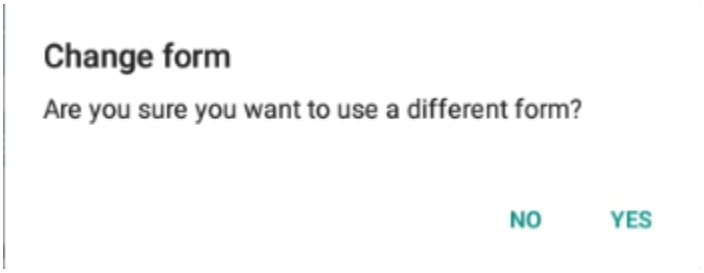


b. Trailer Form



Notes:

c. Some Equipment has an associated form, so whenever the driver tries to change the form a pop up dialog will show. Clicking 'OK' will automatically change the forms used with the associated ones.

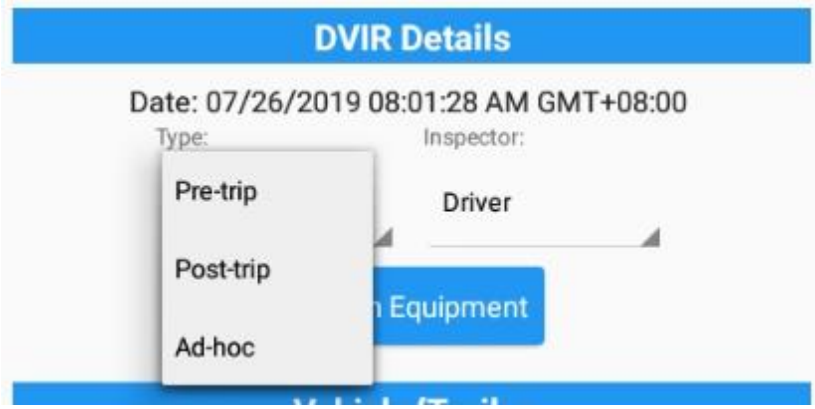


d. Once a new driver has logon to the app, the forms for the Vehicles/Trailers ID used by the prior driver shouldn't retain. Form fields are empty.

e. The application also supports generation of the DVIR Reports when in Offline mode. The DVIR Reports are then stored locally in the **App Name**'s directory, same location as to where the Driver's Daily log PDFs are stored.

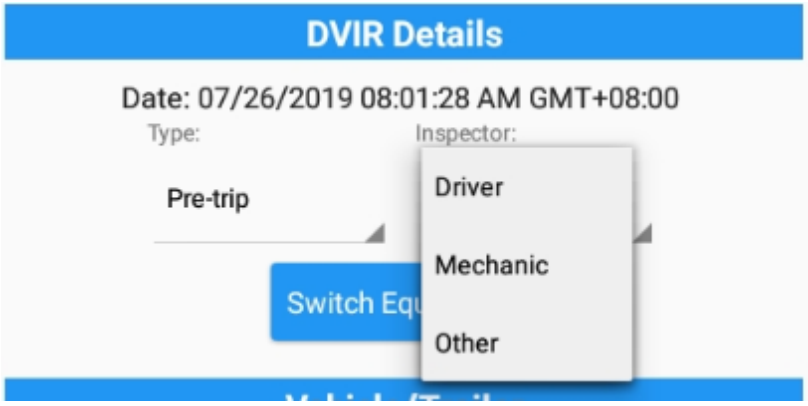
2. Choose the appropriate **DVIR Type** from the following options:

a. **Pre:** A DVIR conducted before driving the CMV.
b. **Post:** A DVIR conducted after driving a CMV.
c. **Ad Hoc:** Any DVIR conducted in any other period than the ones specified above.



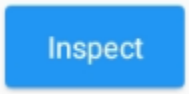
3. Choose the appropriate **Inspector Type** from the following options:

a. **Driver:** The current driver conducted the DVIR.
b. **Mechanic:** A mechanic conducted the DVIR.
c. **Other:** Another personnel conducted the DVIR.



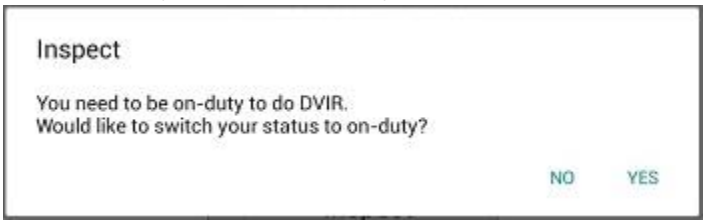
Starting Your DVIR

Tap the **Inspect Button** to start the inspection, you will be directed to the **DVIR Page**.

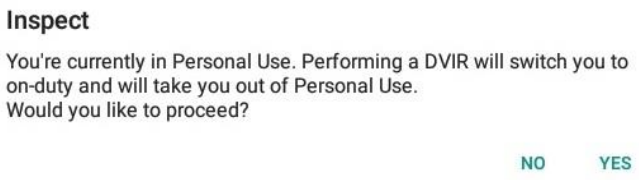


Note: However, a dialog as shown below will display that will ask confirmation to switch you to On Duty status to do DVIR if current duty status is in Off Duty or will take you out to Personal Use if current status is Off Duty under Personal Use.

- If current duty status is Off Duty



- If current duty status is Off Duty under Personal Use

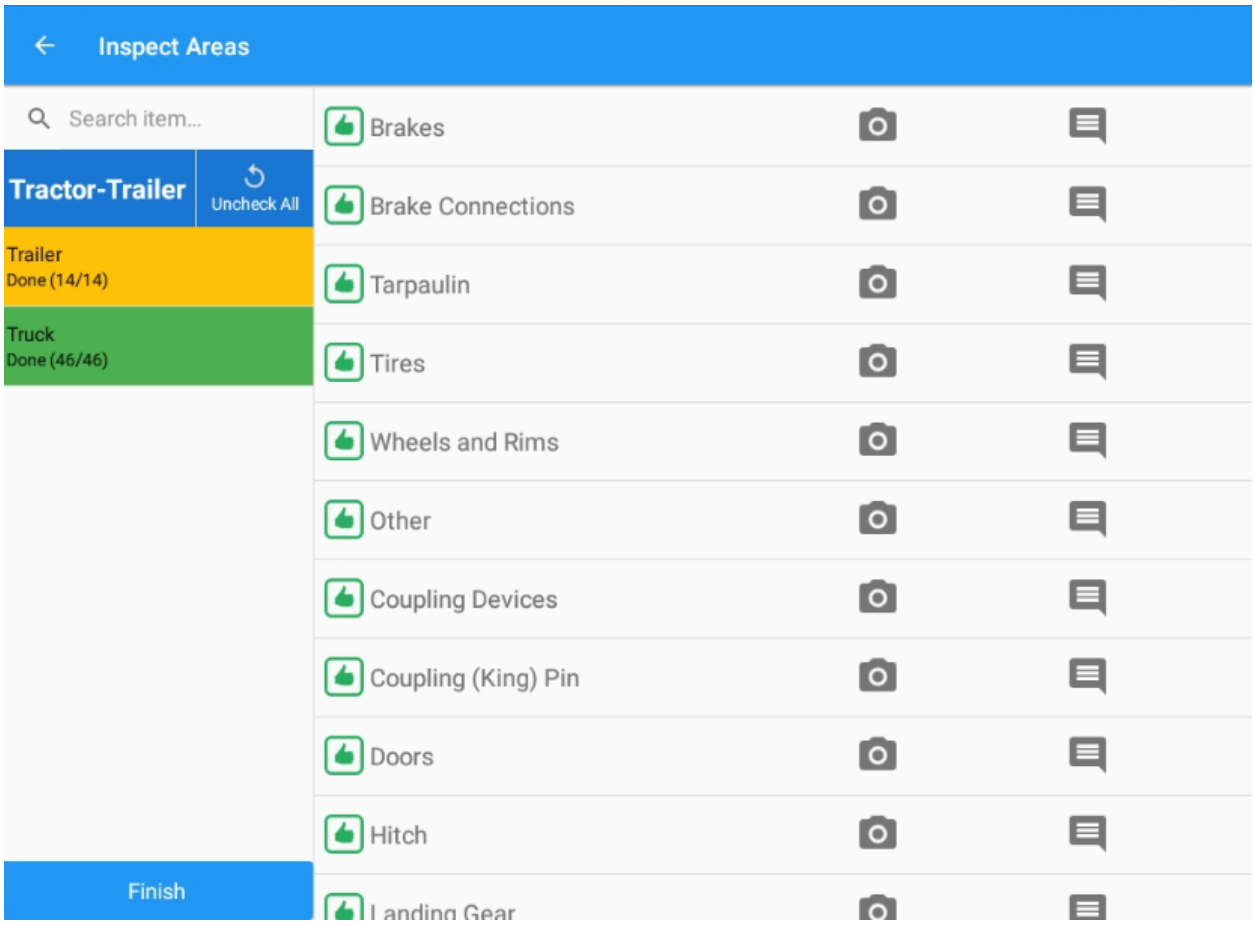


Completing the First DVIR Area

- The 1st **DVIR Area** is selected by default, you can also tap its corresponding tab to display the DVIR items under this area.
- You can select the status of each **DVIR Item** by tapping their respective tri-state check-boxes.
- Tap the unselected check-box once or select the green **Thumbs Up** Icon to specify that the item is in a good condition.
- Tap the unselected check-box twice or select the red **Thumbs Down** Icon to specify that the item is in a bad condition.
- Tap the unselected check-box thrice or select the

Not Applicable Icon to specify that the item is not applicable for the current DVIR.

- A "**Check All**" button will appear if it is enabled in your account to check all points automatically.

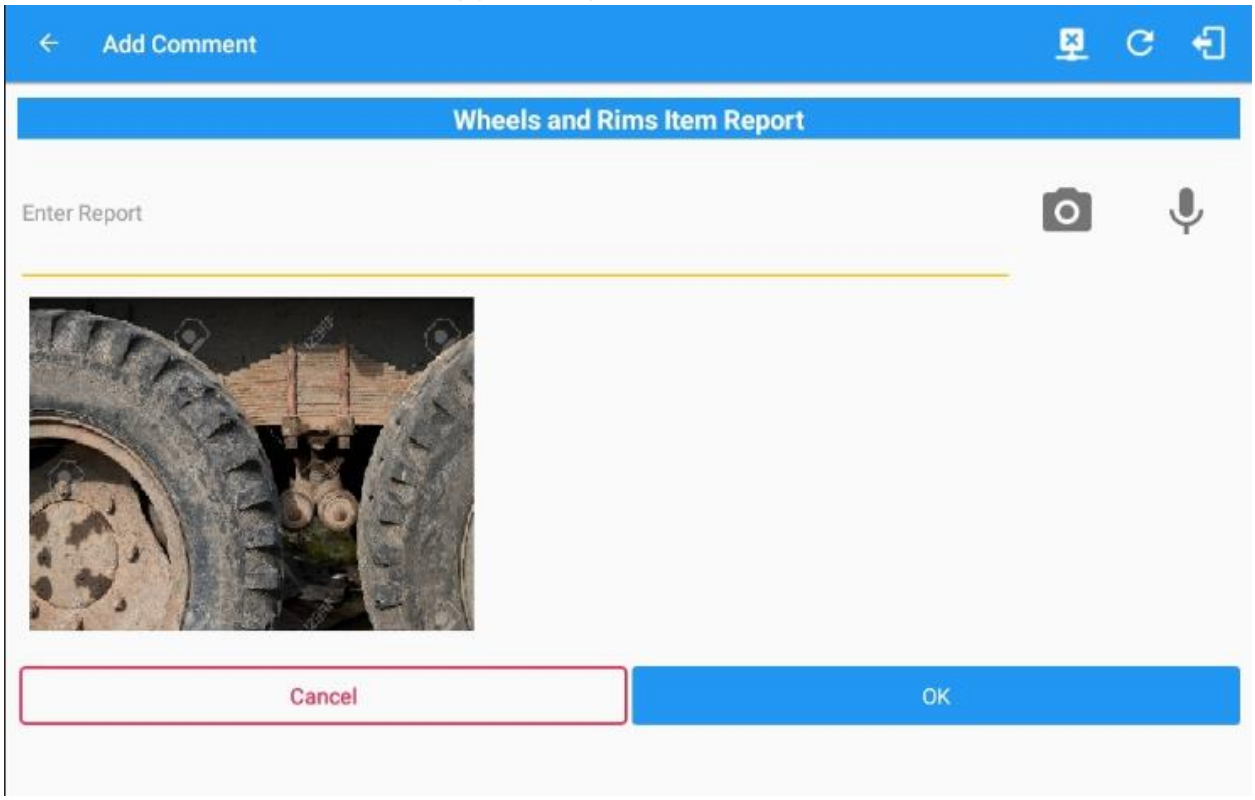


- If you wish to capture an image of the DVIR item, you can tap on the **Camera Button**.
- The Camera app will then appear, proceed to take a picture of the DVIR item.

- After tapping the **Capture Image Button**, select the **Save** button to save the image and add it to your item report. You can also discard the captured image by selecting the **Cancel** button.

- You may add comments or remarks for an DVIR item by tapping the **Comments Button**.
- Fill in the **Enter Report Field** for your comments or remarks.
- Tap the **Camera Button** to add more images to the item report.
- Select the **Voice Dictation Button** to use voice dictation feature instead in adding your comments or remarks.

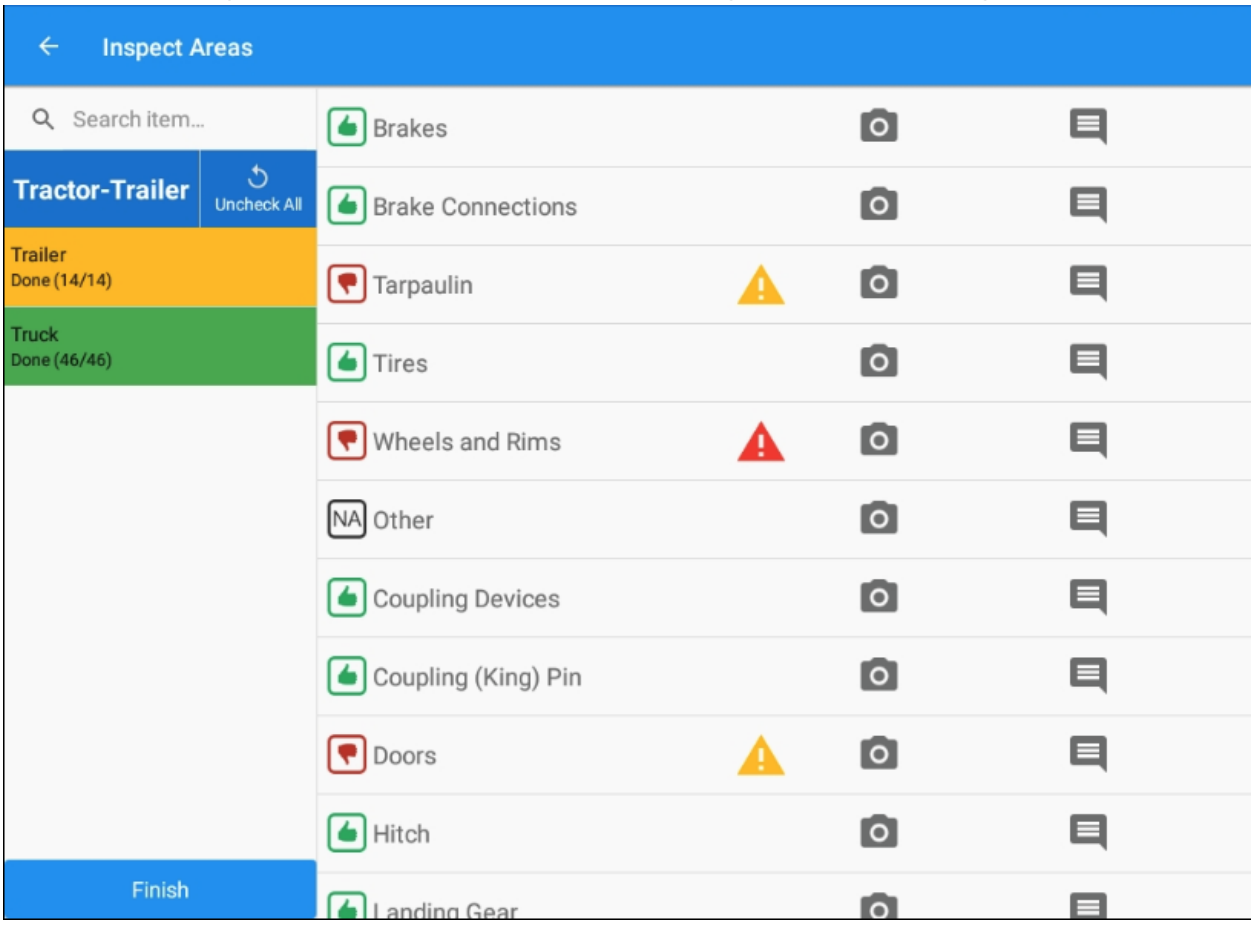
- Tap on the **OK** button to finish adding your images and comments or remarks.



Completing the Succeeding DVIR Areas

Note: All DVIR items under all DVIR categories and areas must be updated before you can finish your DVIR Report.

- Complete updating the status of the other DVIR items using the same preceding steps.

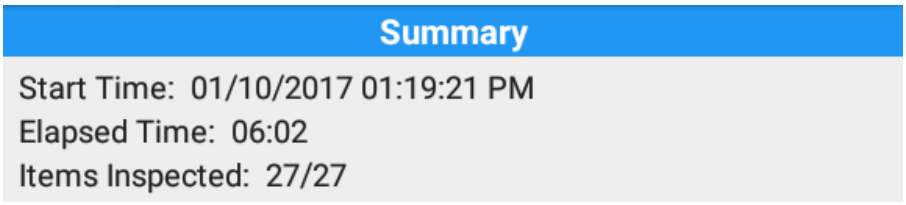


Finishing/Certifying Your DVIR

Select the **Finish** tab.

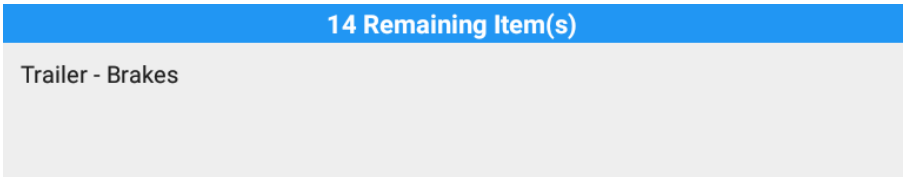
The following information will then be displayed:

- **Summary**

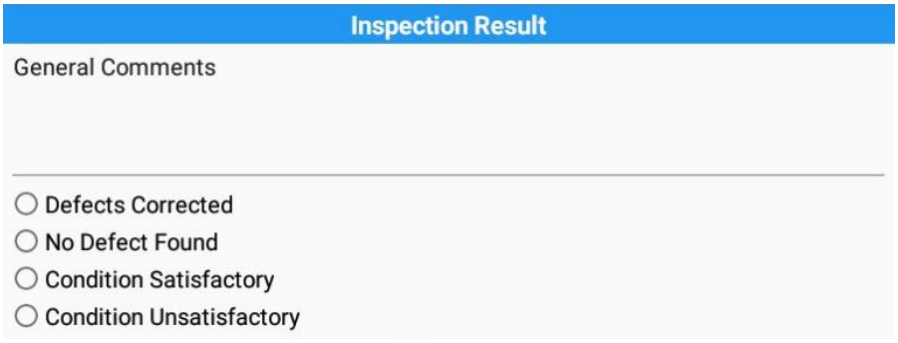


  - **Start Time** - The date and time the DIVR started.
  - **Elapsed Time** - The duration of the current DVIR.
  - **Items Inspected** - This is a counter for the number of items already inspected.

- **Items Remaining** -It will be present if you have not yet updated all of the DVIR items, this will show the item/s that are still to be inspected.

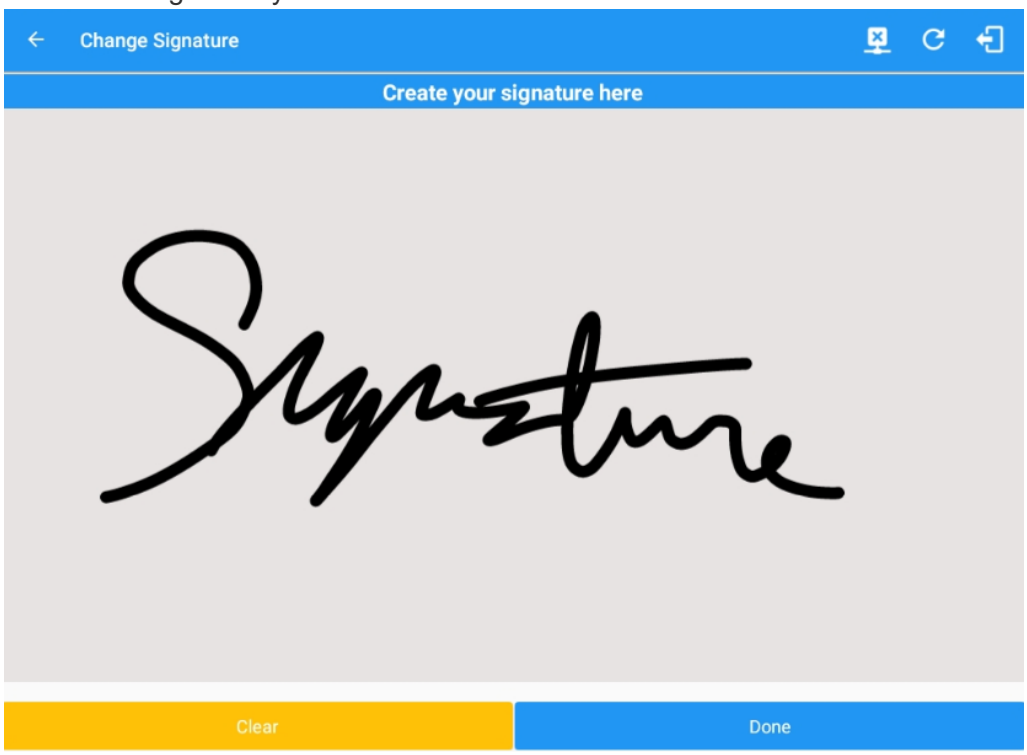


- **Final Items** - You may wish to accomplish these ones as part of your DVIR Report.
  - **General Comments** - This is where you key in your general DVIR Report comments. The status of these check-box items will also be reflected in the DVIR Report:



    - **Defects Corrected**
    - **No Defect Found** *(Note: 'No Defect Found' option is only available for Canadian cycle drivers)*
    - **Condition Satisfactory**
    - **Condition Unsatisfactory**
- **Signature**
  - **For drivers** - You may wish to change your signature by tapping the **Change Signature Button**.
  - **For mechanics and other inspectors** - You may create your signature by tapping the Change Signature Button.

- Select the **Done Button** to save your signature. You may also select the **Clear Button** to discard the signature you made.



- Tap the **Finish DVIR Button** to finish the current vehicle DVIR.

- Finally, after reviewing all of the DVIR details, you can select the **OK Button** to certify the DVIR. You can also cancel certifying the DVIR by selecting the **Cancel Button**.

- After successfully certifying the DVIR, a 'Remark' event will be created in the Edit Logs screen stating the completion of Pre/Post/Ad-Hoc DVIRs. Sample note: *Completion of Pre-Trip DVIR for <EquipmentName>*

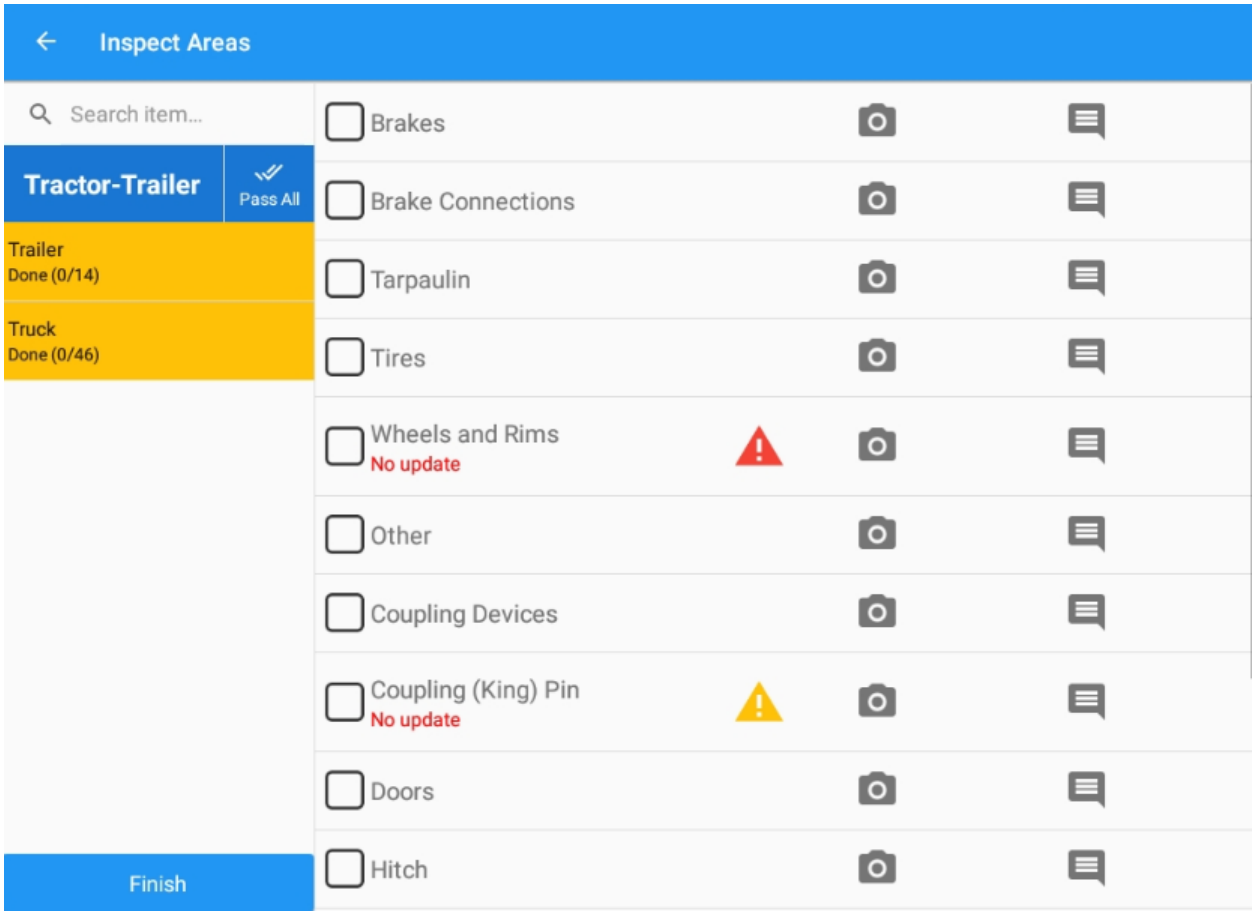
Deleting Vehicle DVIR

1. Go to **Current DVIR** section. This is where you can view a list of the DVIR conducted within the DVIR screen.

2. Tap the Email **Email Button** to send the completed DVIR to an intended recipient.
Tips: *You can only email a Certified DVIR.*
3. Tap the View **View Button** to view the DVIR details.
4. Tap the Remove **Remove Button** to remove the DVIR.

Note: List of completed/in-progress DVIR are ordered to show the most recent DVIR(s) first and the oldest ones last.

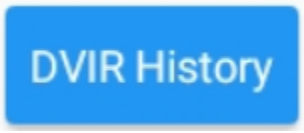
- **Highlighting Previously Failed DVIR** Previously failed DVIR points are highlighted in **RED**.



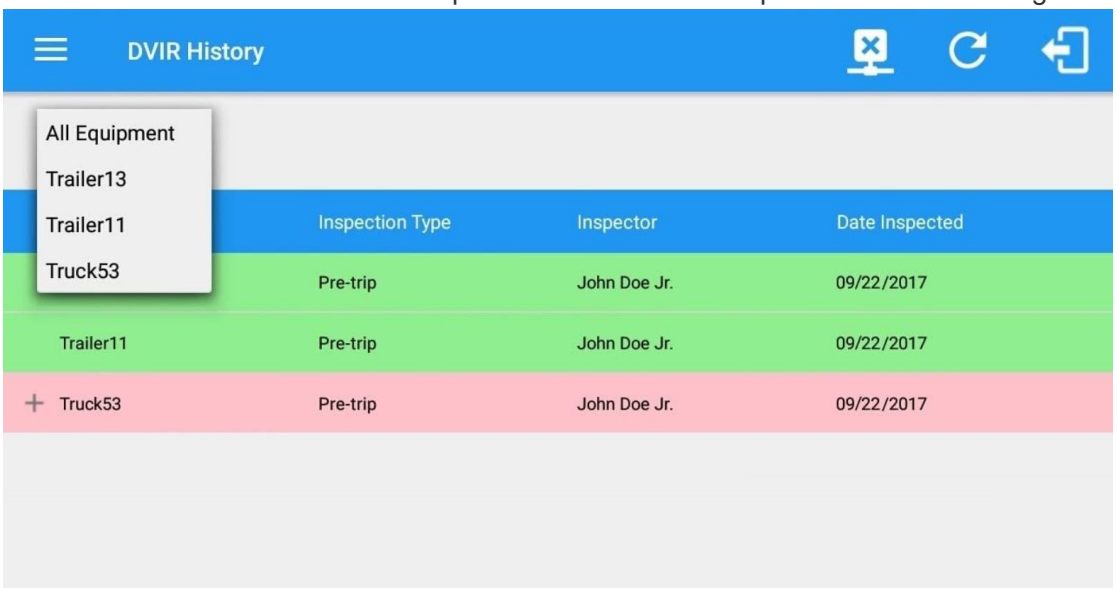
Below the inspection point displays the text stating id the points have been updated or not.

Viewing the DVIR History

1. Tap the **DVIR History** button



2. In the DVIR History screen, you can view all the DVIRs done to all the Vehicles and Trailers you are currently using. You can also select a specific Equipment from the drop down (All Equipment).
3. A DVIR that does not have failed inspection items will show up with a **GREEN** background.



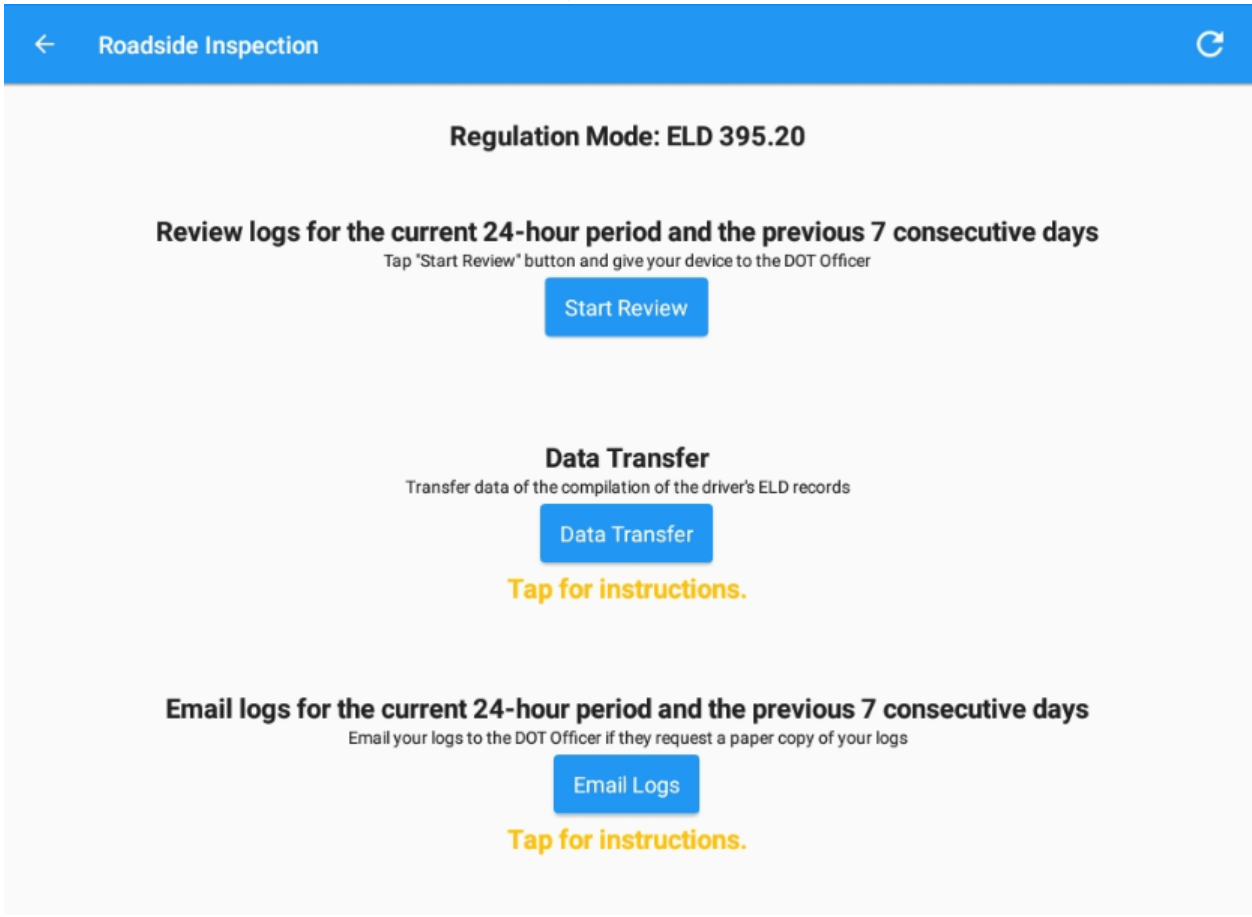
4. A DVIR with failed inspection items will show up with a **RED** background.
5. To view the failed inspection items, tap on the **+** icon below its name. Inspection items that have been repaired will have a repaired status and repair comment on the right side.

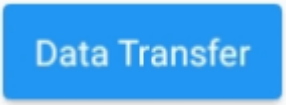
Data Transfer

This will show the dialog displaying the supported data transfer options. The ELD provides a standardized single-step compliation for the driver's ELD records and initiation of the data transfer to authorized safety officials when requested during a roadside inspection.

The following are the different ways to access the Data Transfer dialog

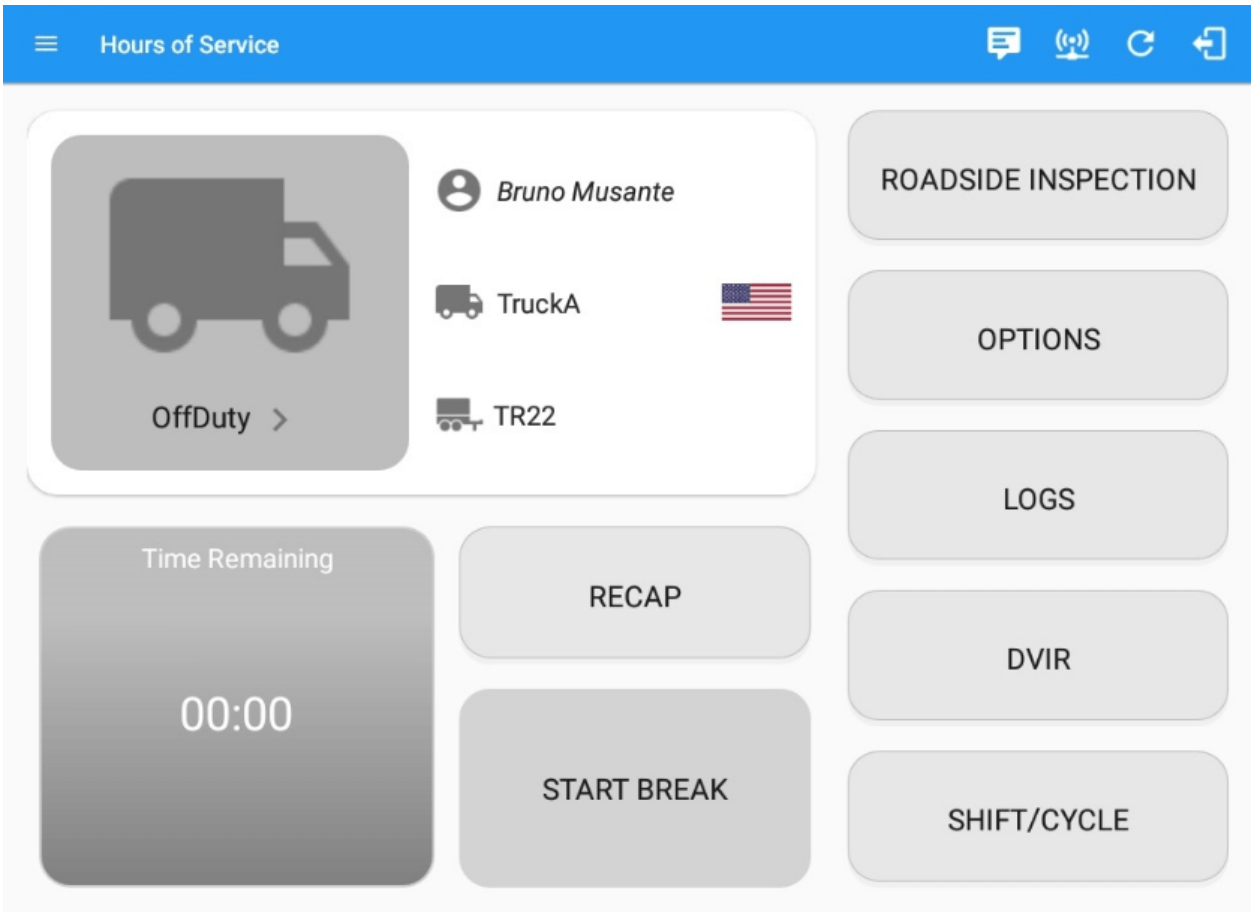
1. **Main Navigation Menu**
    a. Swipe in from the left edge of the screen, or tap the **Main Navigation Hamburger** icon to show the main navigation menu.
        i. Tap the **Roadside Inspection** option in the Main Navigation Drawer, after which the roadside inspection screen will then be displayed.



    b. Tap the 

 Data Transfer button.
2. **Driver Options**

a. Go to the **HOS Main Dashboard.**



b. Tap the **Options button.**

c. Tap the **Data Transfer button.**

Transferring Data

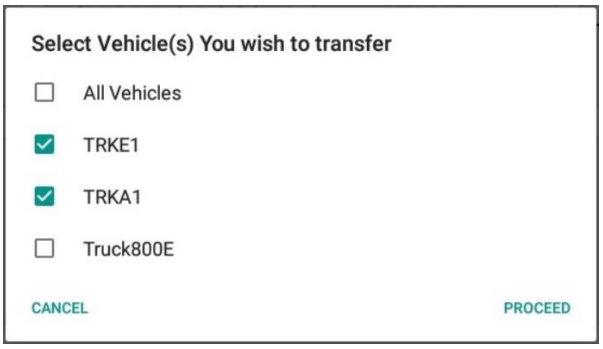
1. Once the **Data Transfer** button is tapped, a selection of the supported data transfer options by the ELD will prompt to the user.
   a. On ***Android*** the supported data transfer options are ***Email*** and ***Web Service*** only.

   b. On ***iOS*** the supported data transfer options are ***Email*** and ***Web Service*** only.

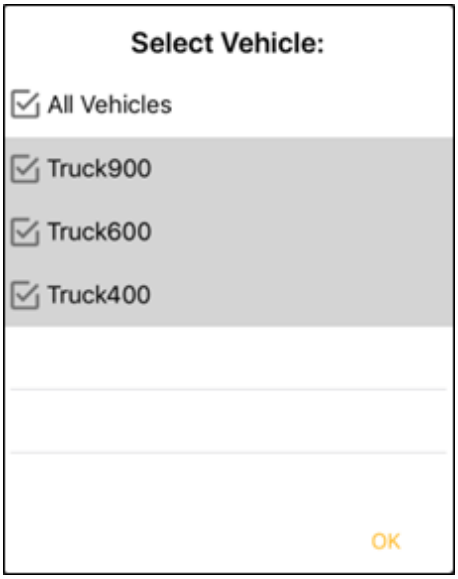
2. **Select Vehicle** – this option enables the ELD to produce a data file or a series of data files of ELD records for a subset of its vehicles used by the driver.

   a. Tap the Select Vehicle menu to show the list of vehicles used by the driver.

b. The ‘All Vehicles’ option will only display on the list when the driver has already driven multiple vehicles for the day.
c. For Android app, list of vehicle/s are displayed in checkboxes. After selection of vehicle(s), it will then prompt the Data Transfer dialog to select data transfer options: Bluetooth, USB, Email or Web Service.



d. For iOS app, list of vehicle/s are displayed in checkboxes. The app allows to select specific vehicle(s) to be included in ELD output file. The list of vehicles displayed are the vehicles that the driver used within the current cycle.
e. Select or deselect vehicle or vehicles by tapping the checkbox button. Tap OK button to save selection.

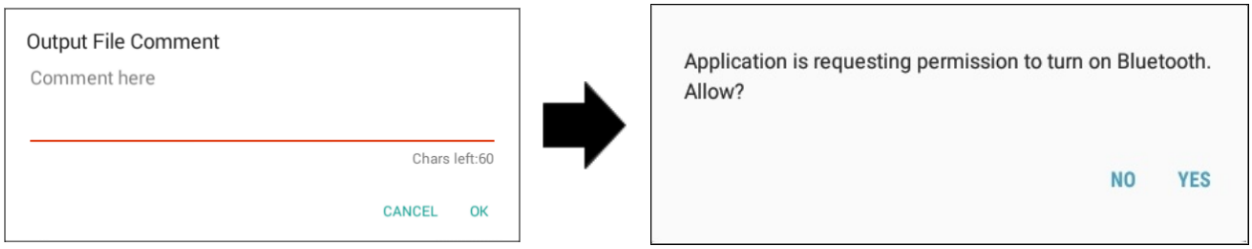


Note: ***All Vehicles*** option will only display on the list when the driver has already driven multiple vehicles for the day.

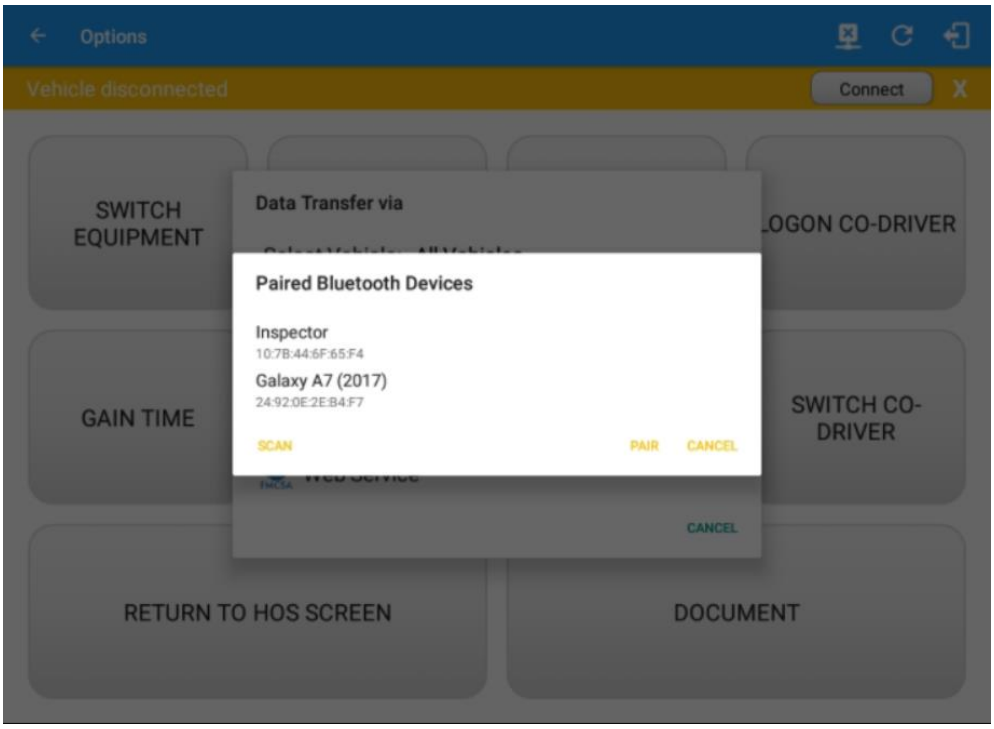
3. **Output File Comment** – After selecting a data transfer option, the ELD prompts the output file comment in which the driver may or may not input as specified in section 4.3.2.5. The ELD accommodates the entry of an output file comment up to 60 characters long

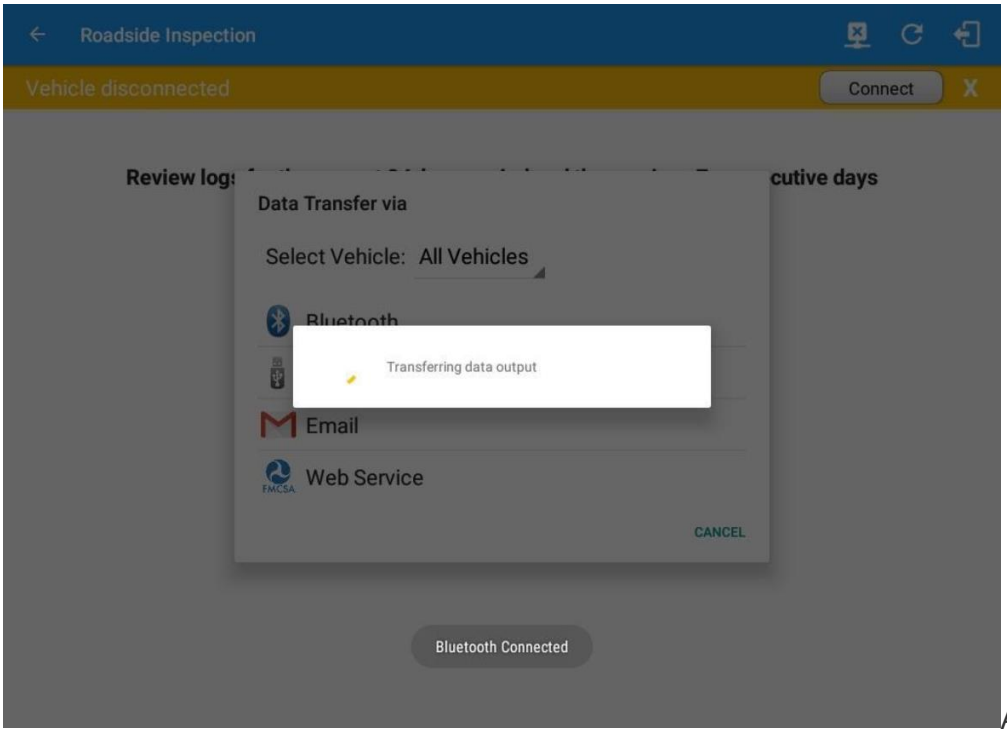
Upon confirmation, the ELD generates the compliant output file and performs the data transfer.

a. **Transfer via Bluetooth** – this option enables the user to transfer files through Bluetooth tethering. The ELD prompts the output file comment in which the driver may or may not input as specified in section 4.3.2.5. After the input, if Bluetooth is not yet turned on, a prompt will appear asking you to turn it on.

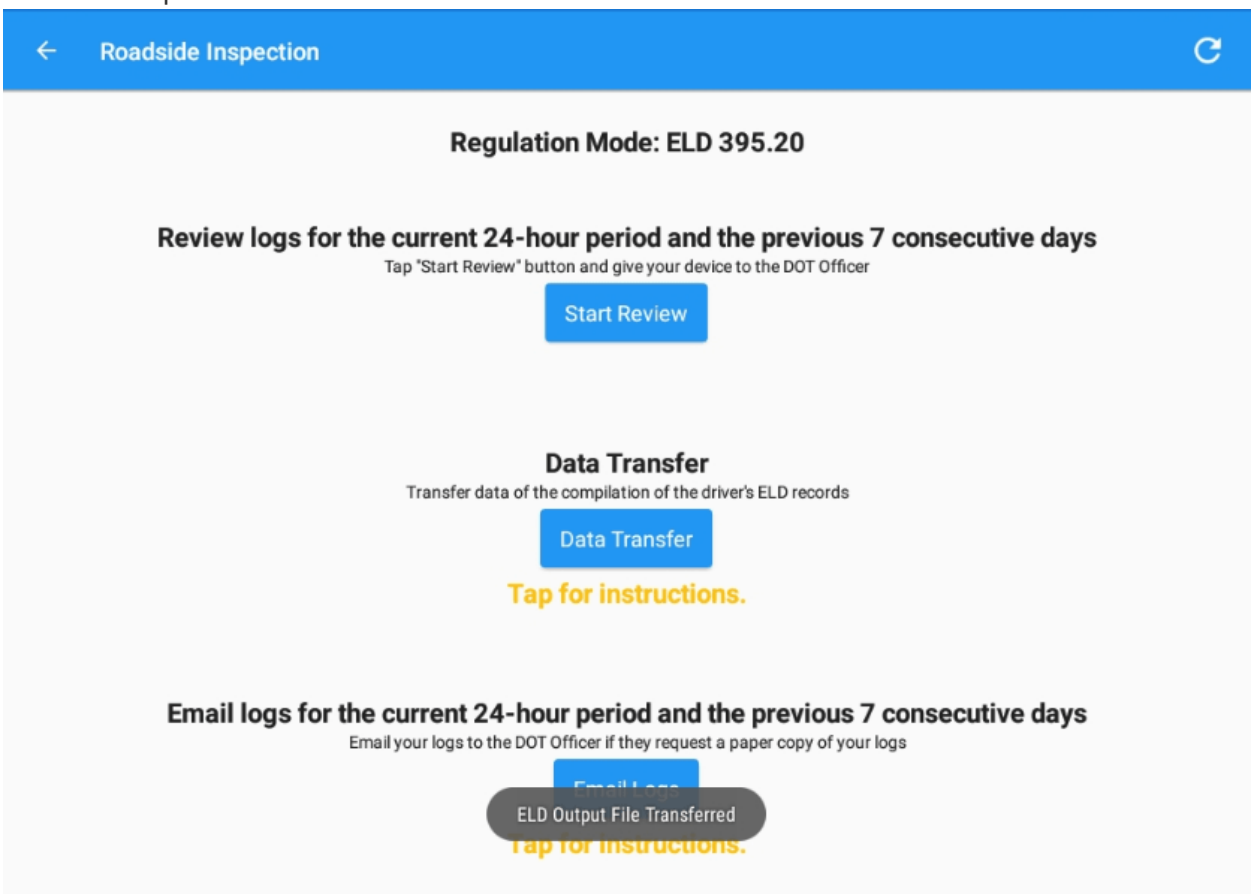


You will then be asked to pick the device to which the data will be transferred via Bluetooth Tethering.

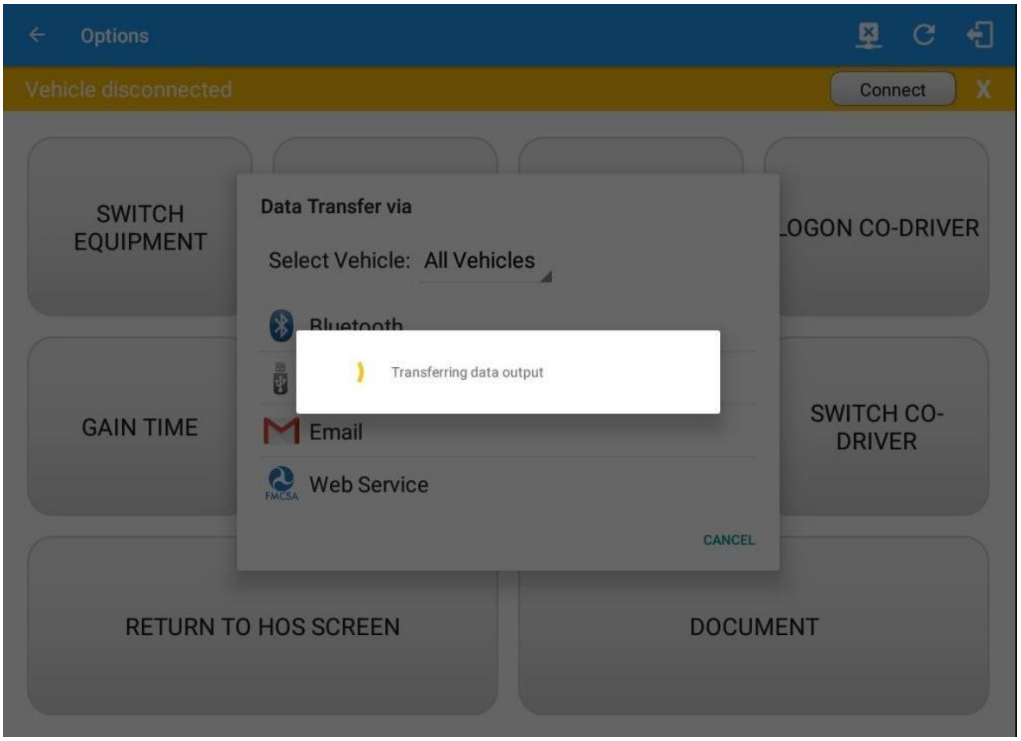




After the data transfer process is successful, a toast message will display at the bottom of the screen stating that the ‘ELD Output File Transferred’.

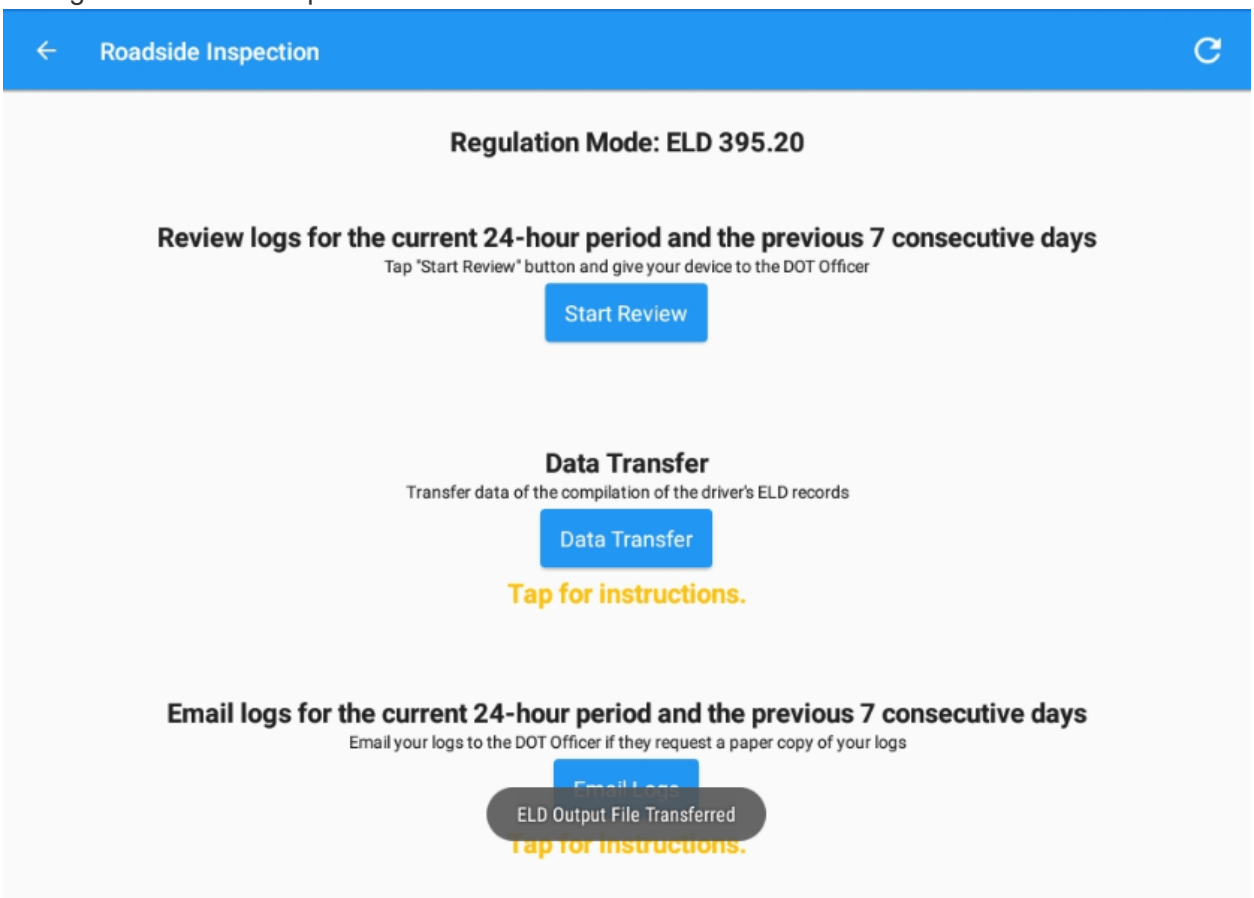


b. **Transfer via Email** – this option enables the user to transfer files through email. The ELD output file transferred is encrypted using AES-256 in FIPS Publication 197. Before sending, the ELD prompts the output file comment in which the driver may or may not input as specified in section 4.3.2.5.

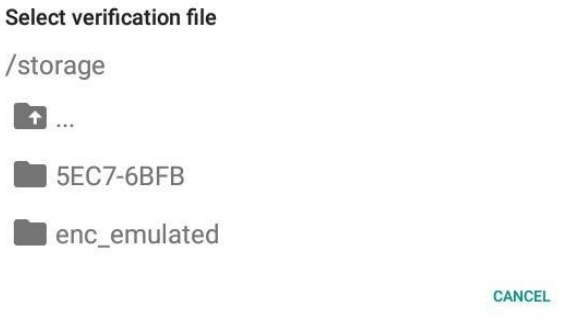


After the data transfer process is successful, a toast message will display at the bottom of the screen

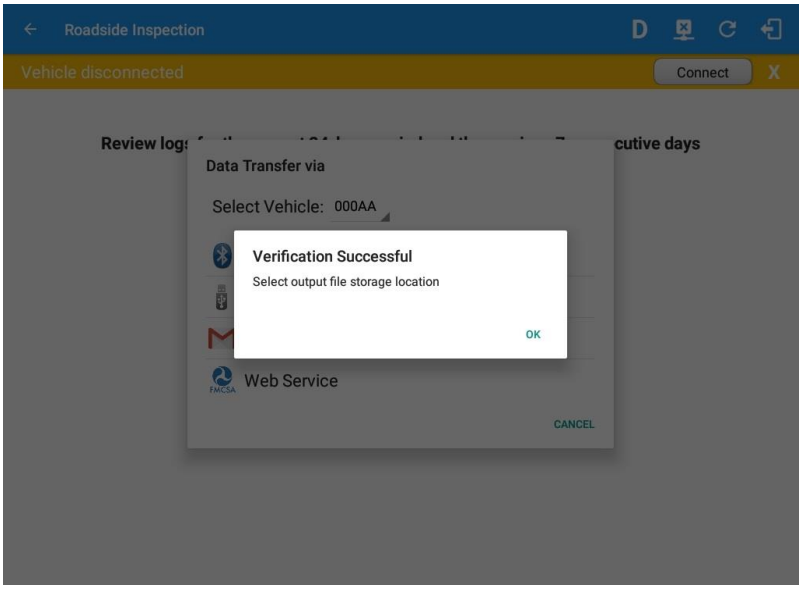
stating that the ‘ELD Output File Transferred’.



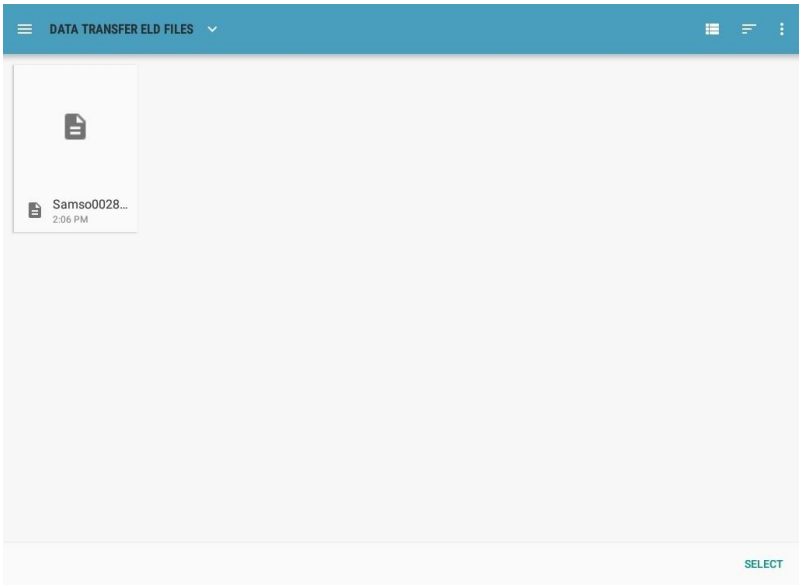
c. **Transfer via USB (Android Only)** – this option enables the user to transfer files through USB (external devices). However, prior to saving the driver’s ELD file to an external storage/device, the ELD must read a verification text file from the USB device provided by the Authorized Safety Officials. This can be done by selecting the path where the verification file is located on the Safety Official’s USB device.



If the verification process is successful, a ‘Verification Successful’ dialog will display.

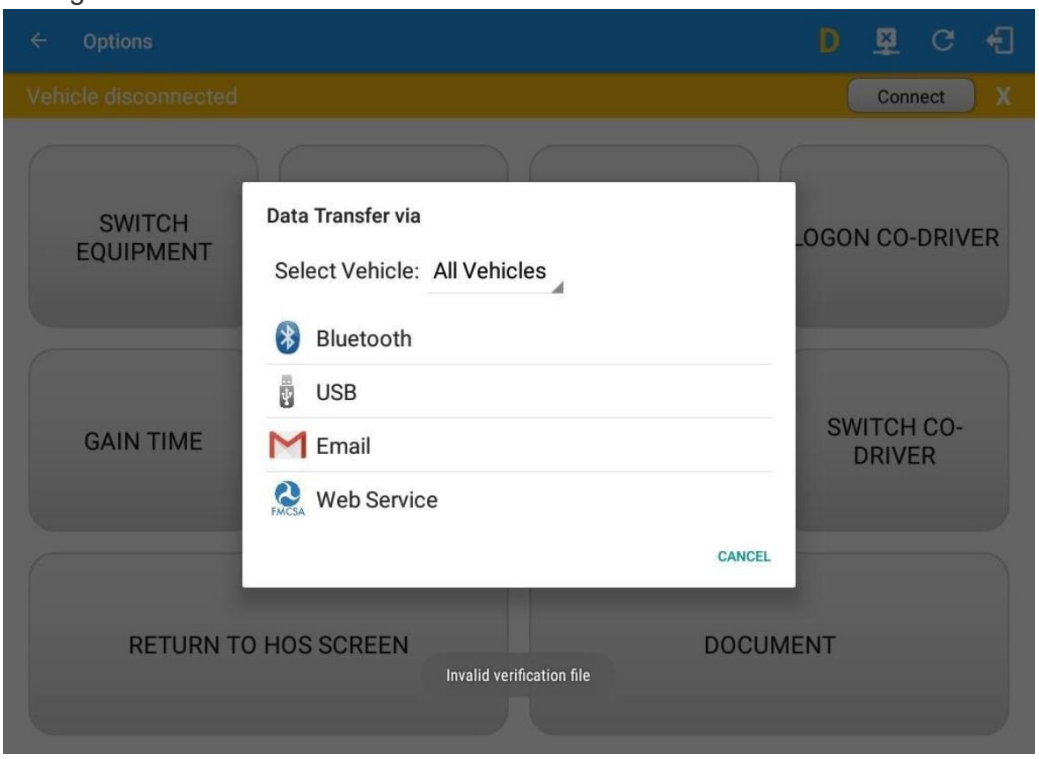


Once ‘OK’ button is tapped, then the driver can now select on where to save the ELD file.

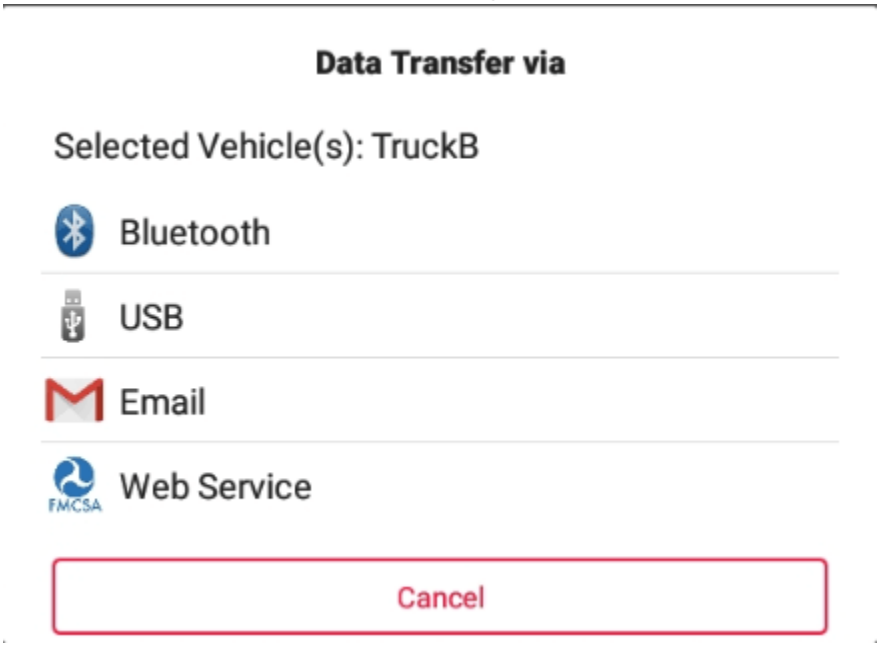


Note: You cannot transfer a file via USB when the verification file on the device is not the same as the verification file on the inspector’s USB drive. If this issue occurs a toast message will display

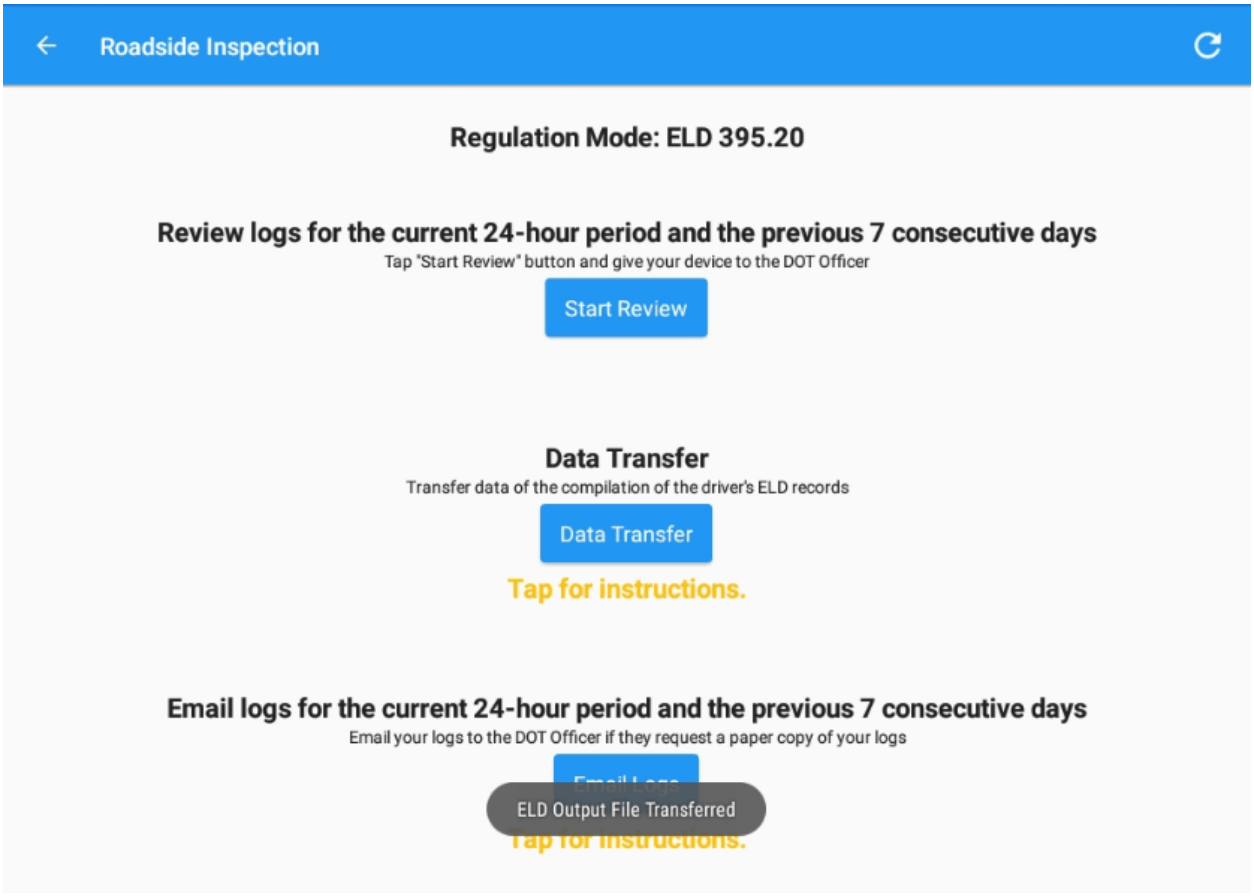
stating ‘Invalid verification file’.



d. **Transfer via Web Service** – this option enables a user to submit ELD output files, and verify that ELDs’ certificate, ELD identifier and Registration ID are still valid.

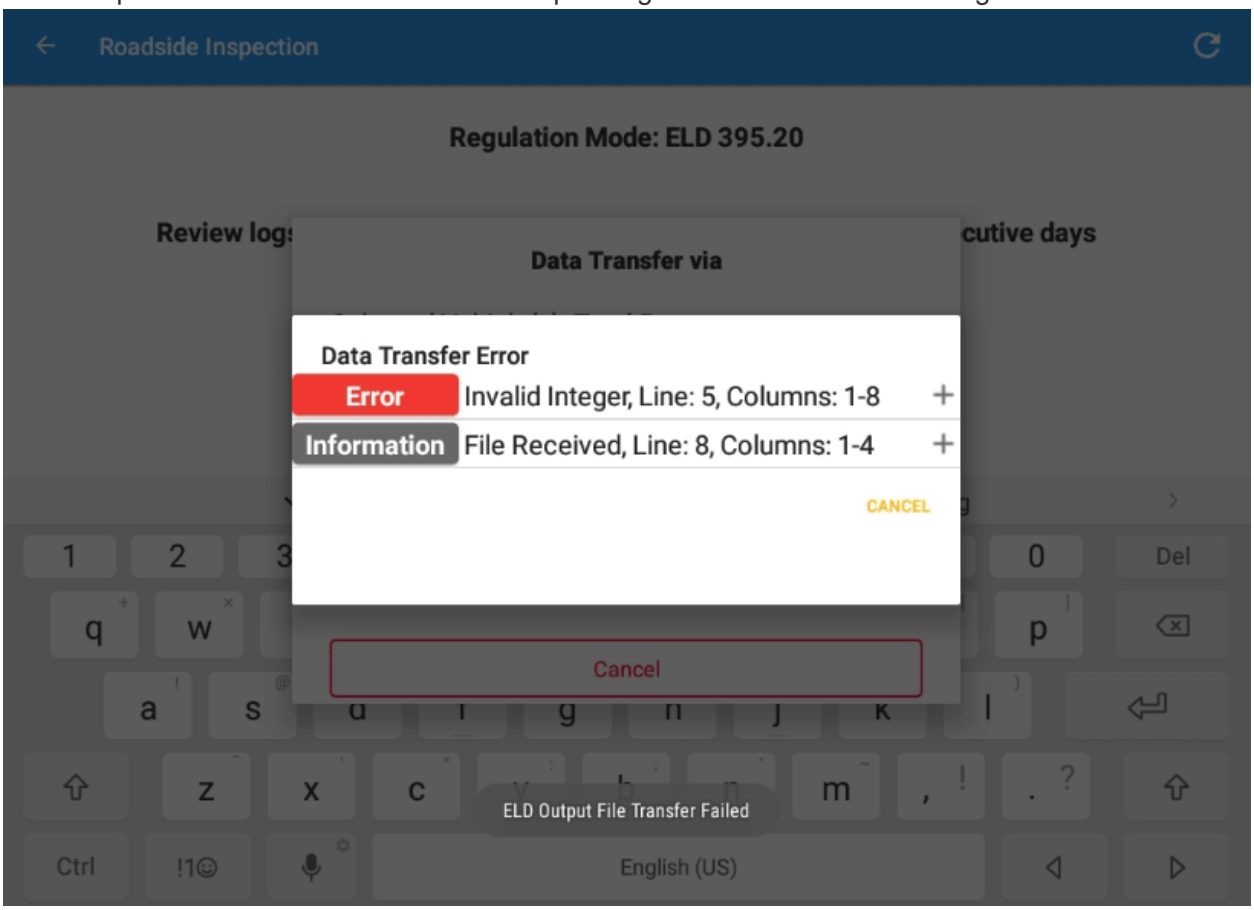


After the data transfer process is successful, a toast message will display at the bottom of the screen stating that the ‘ELD Output File Transfered’.



Note: If data transfer is not successful, a toast message will then display at the bottom stating that

‘ELD Output File Transfer Failed’ with corresponding data transfer error messages.



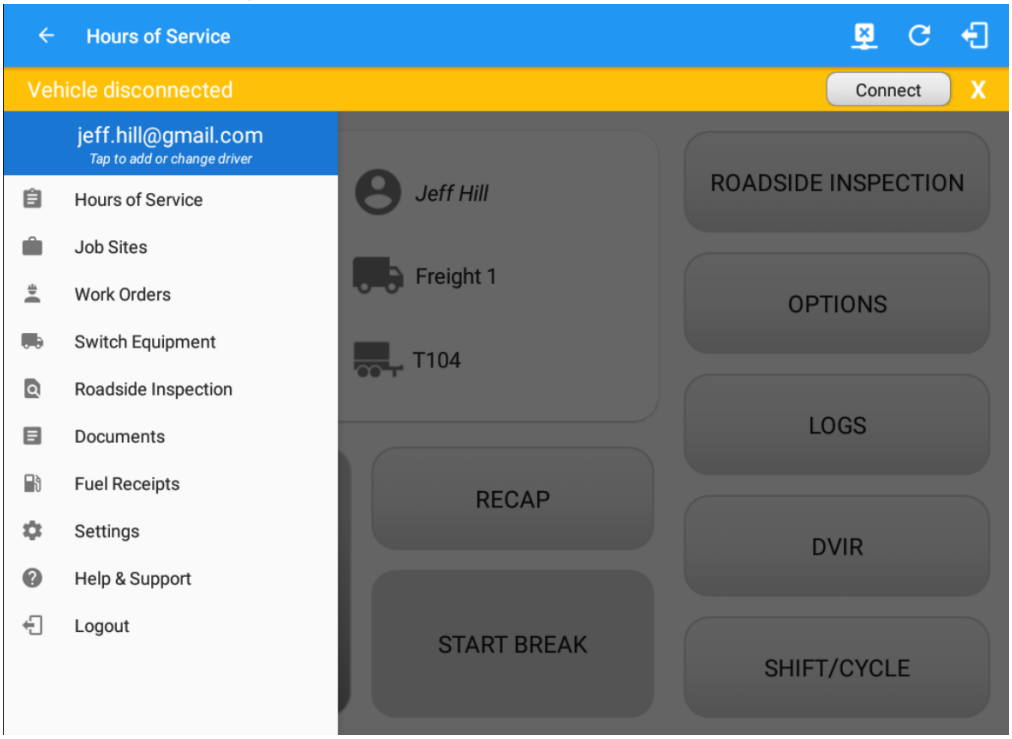
Switch Equipment

The Switch Equipment feature allows a driver to easily 'switch' from one vehicle to another. It also assists in monitoring and documenting the vehicles being used as part of their driver logs.

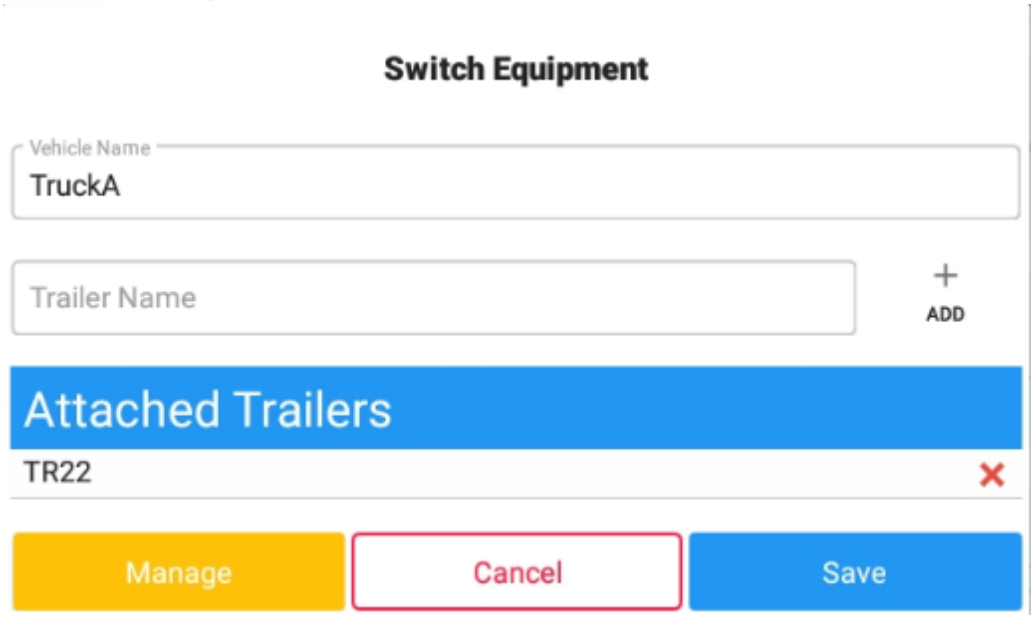
The following are the different ways to perform a Switch Equipment action:

1. **Main Navigation Menu**

a. Swipe in from the left edge of the screen, or tap the **Main** **Navigation Hamburger icon** to show the main navigation menu.



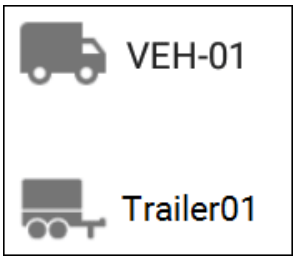
b. Touch the **Switch Equipment** option in the Main Navigation drawer after which the Switch Equipment dialog will then be displayed.



c. Note: the list of equipment are displayed in an alphabetical order

2. **Main Dashboard Vehicle/Trailer icons**

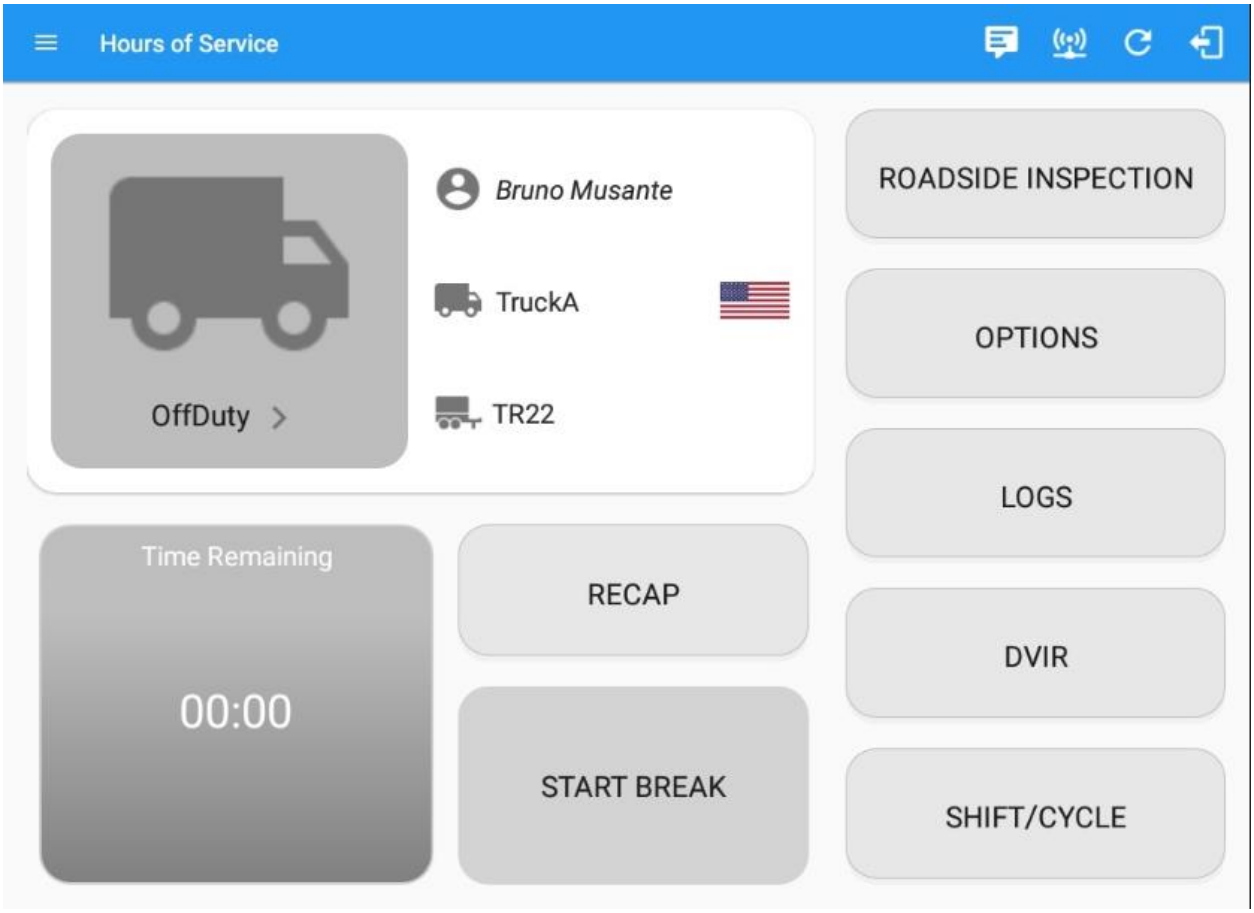
a. Touch the **Vehicle/Trailer** icons in the Main Dashboard screen.



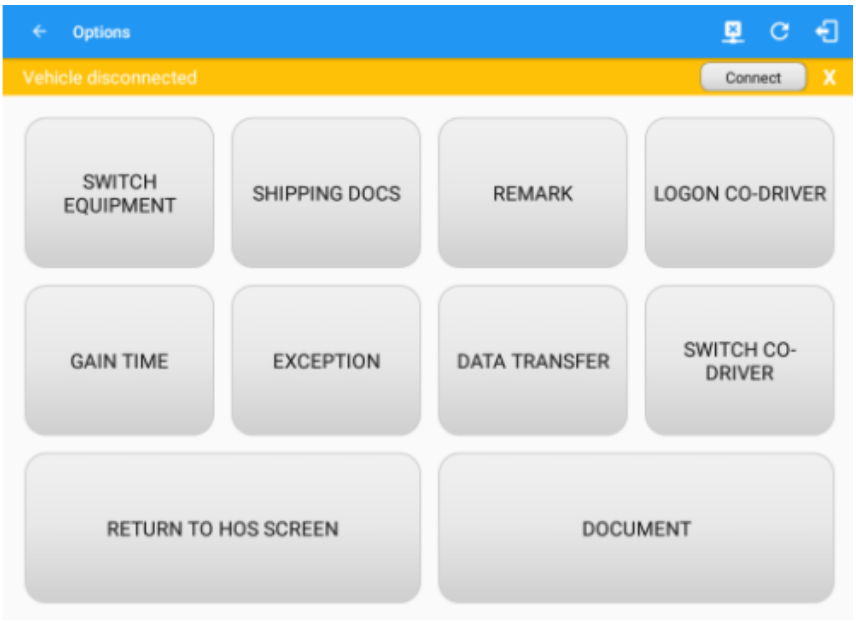
b. After which the **Switch Equipment** dialog will then be displayed.

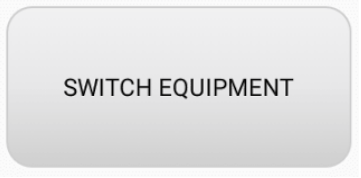
3. **Switch Equipment Button (Options)**

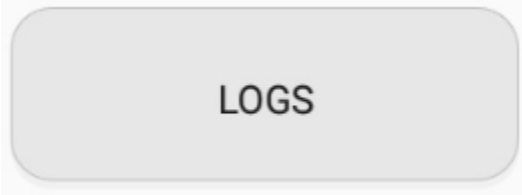
a. Go to **Hours of Service Main Screen.**



b. Tap the **Options** button.



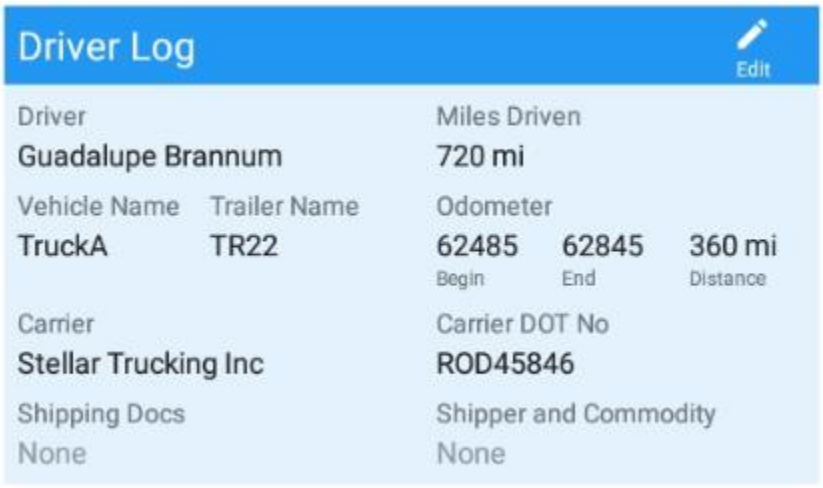
c. Tap the **Switch Equipment** button. 

4. **DVIR Screen**
   a. Swipe in from the right edge of the screen or tap the **Logs** button 

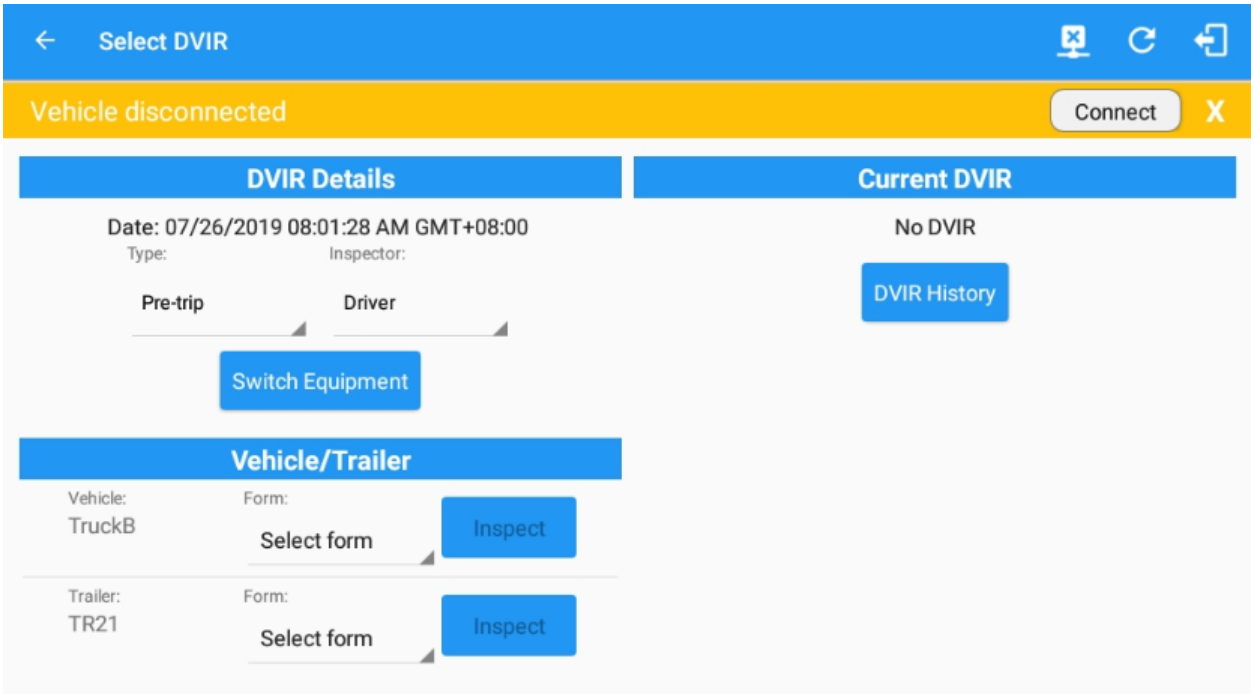
to show the Driver Logs Drawer.

b. Tap the **Inspect** button

of a specific driver log.

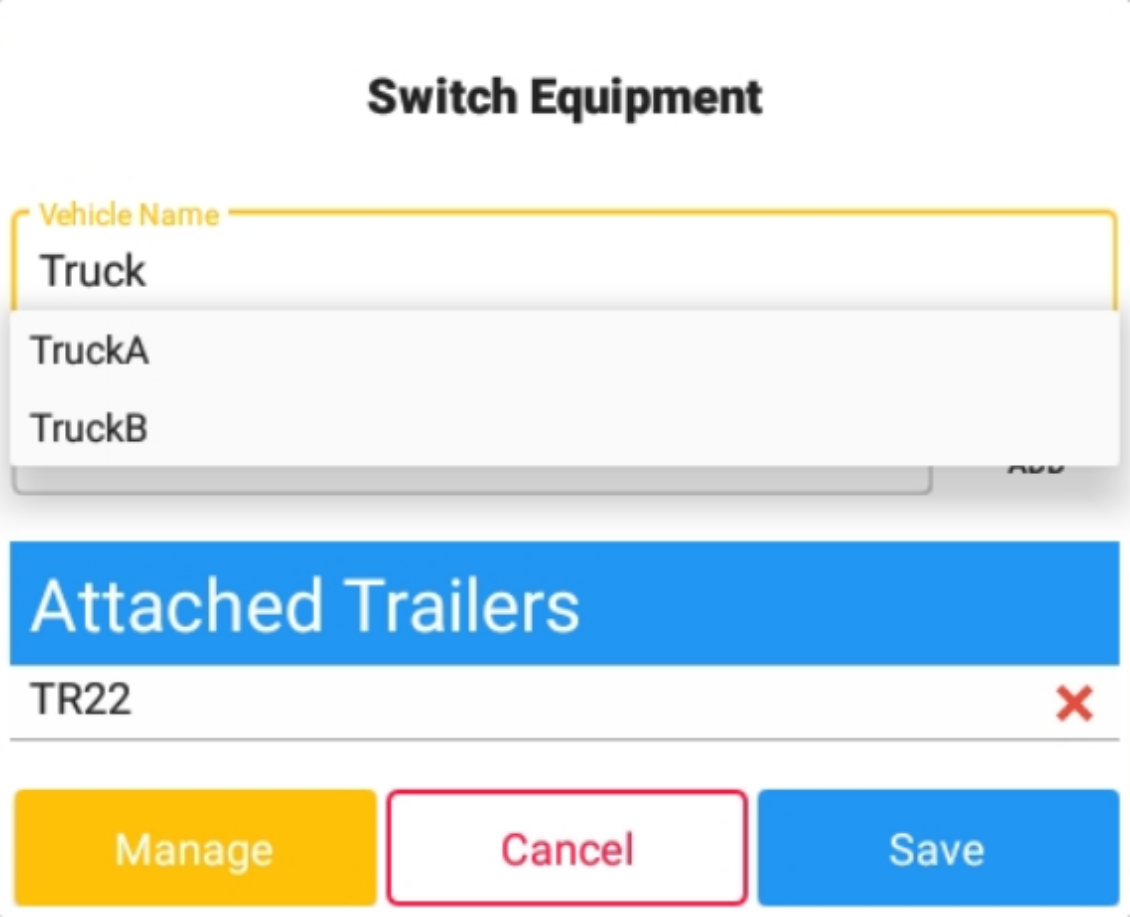


c. Tap the **Switch Equipment** button.

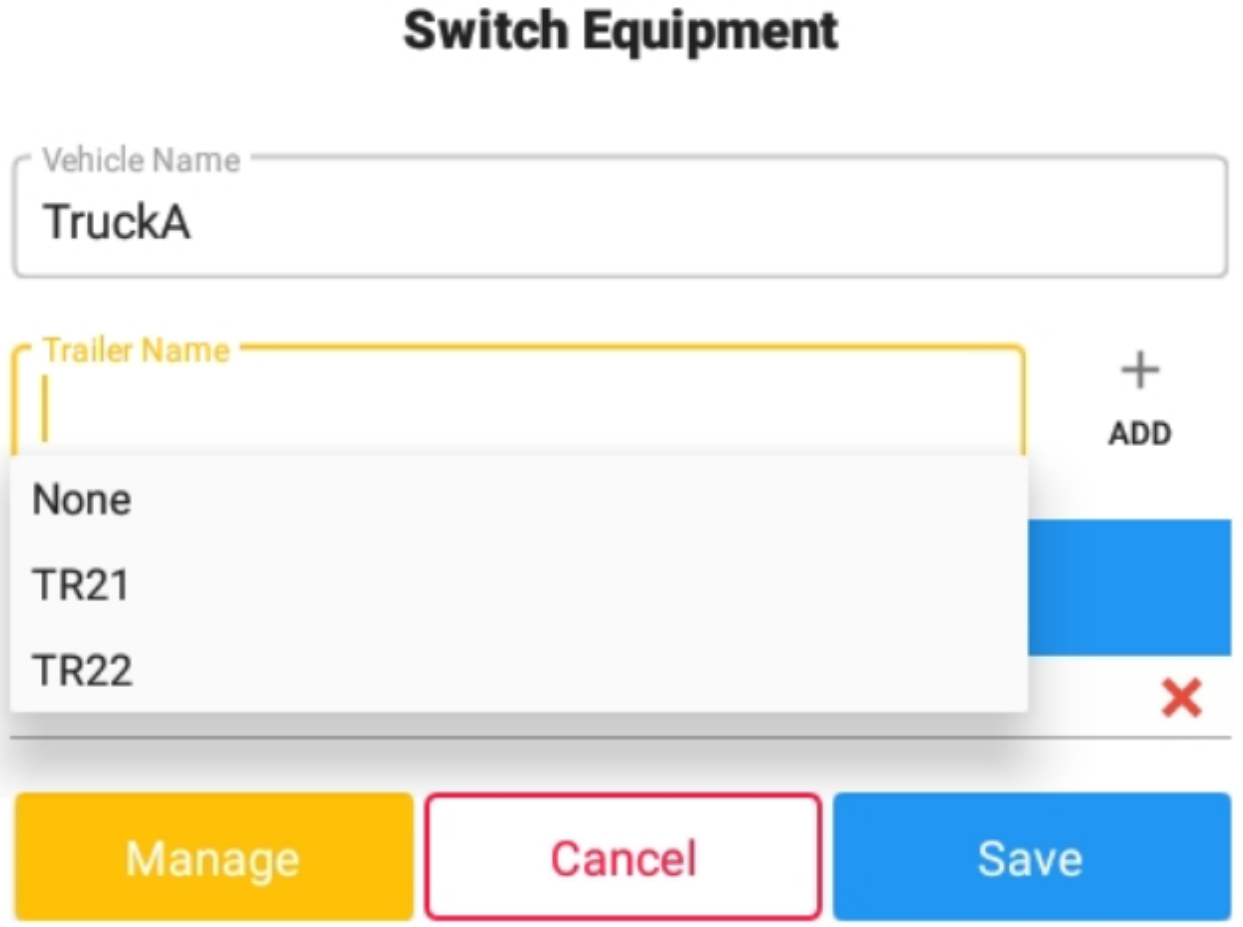


Switching Equipment

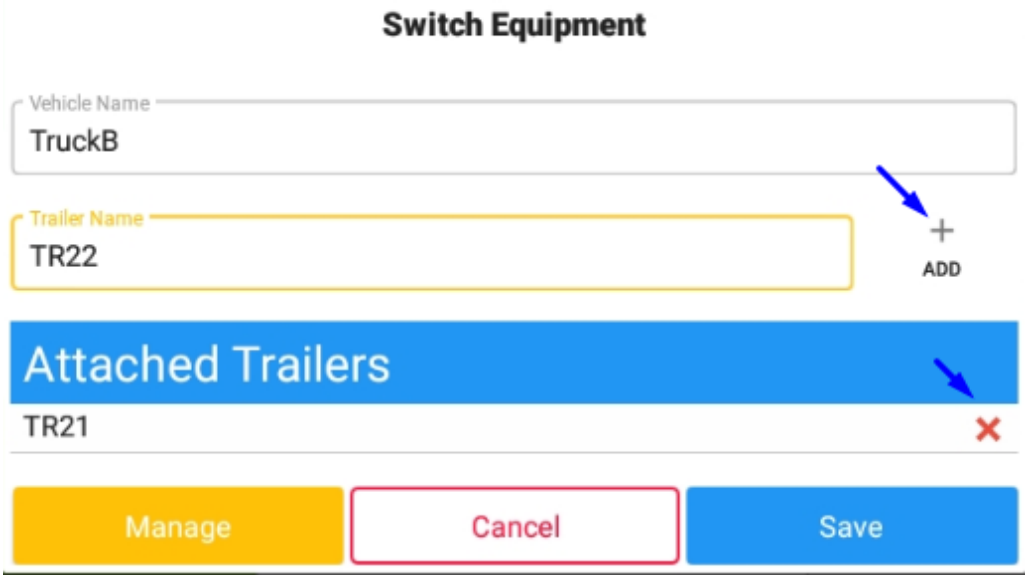
1. Select Vehicle from **Vehicle Name** drop down list.



2. Select trailer from **Trailer Name** drop down list.



3. Tap on the **Add** button to add the selected trailer to the list of **Attached Trailers**. Tap on the **X** button on the right side of the Trailer to remove it from the list.



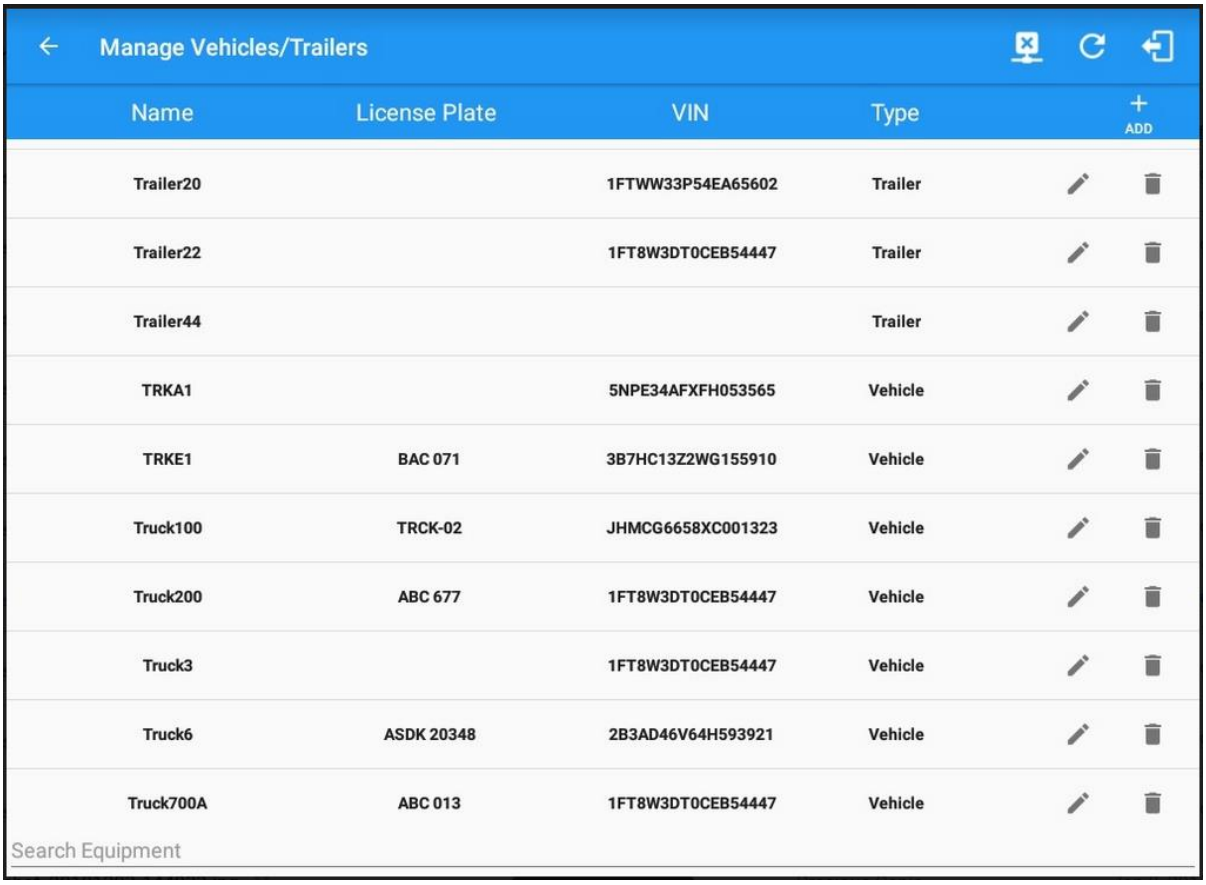
4. Tap the **OK** button to switch equipment successfully. To exit Switch Equipment form, tap the **Cancel** button.

   Note: When the vehicle is in motion, neither the main driver nor a logged in co-driver is allowed to switch trucks.

Managing Vehicles/Trailers

You can ***add***, ***update*** and ***delete*** Vehicles/Trailers by tapping the

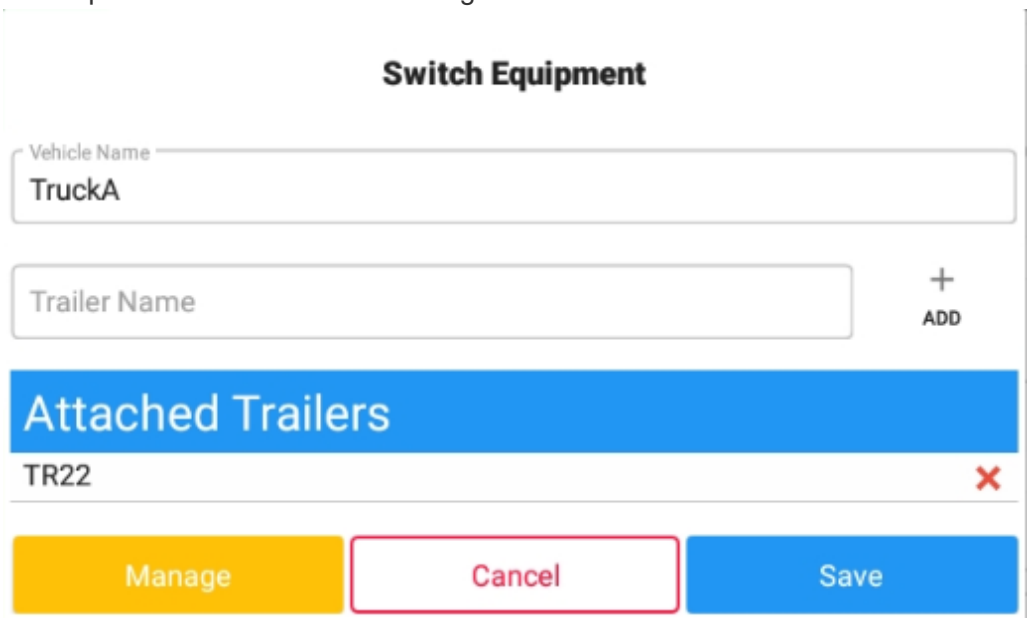
Manage button which will then display the ***Manage Vehicles/Trailers screen***.



Note:

- The '**Manage**' button is only available given a situation, that the driver is an asset admin and that the ***Allow drivers to manage equipment*** option is both enabled in account settings and driver settings (*found in Account Settings Page > Portal Controls and Driver Management Page*). Otherwise, the button will not be available on the Switch Equipment dialog. Driver can then add, edit or delete equipment via app depending

on the permission set on driver setting.



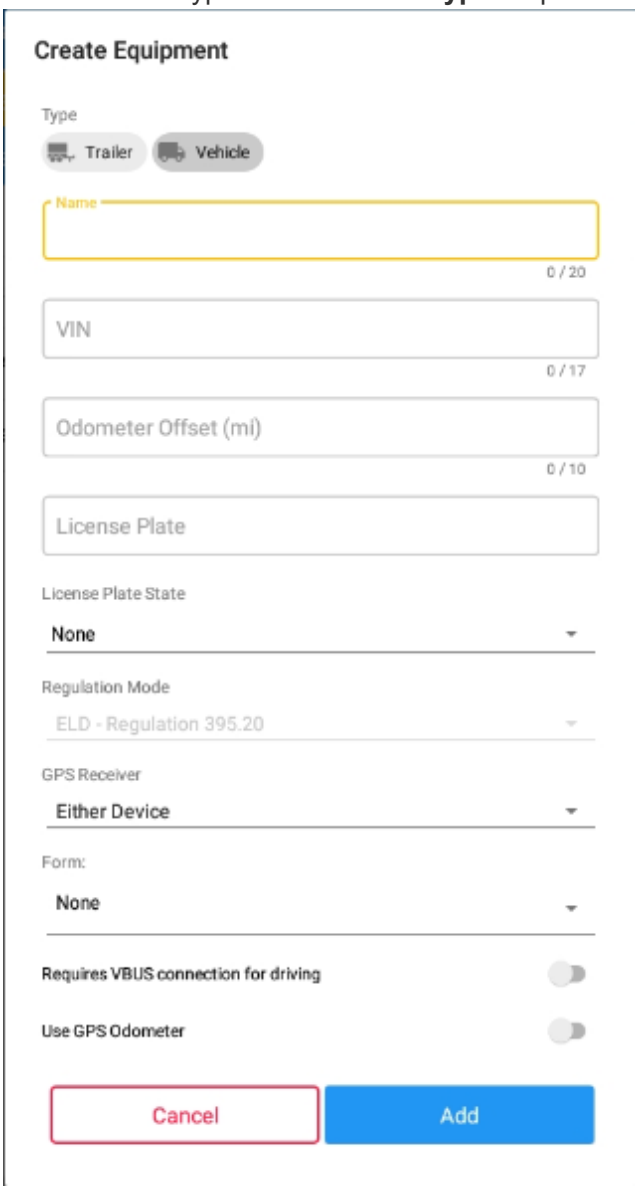
1. **Adding Vehicle/Trailers**

   a. Tap the

Add button.

   b. Fill in the vehicle name in the **Vehicle Name** field.
   c. Fill in the VIN in the **VIN** field.
   d. Fill in the License Number in the **License Plate** field and its state in the **License Plate State**

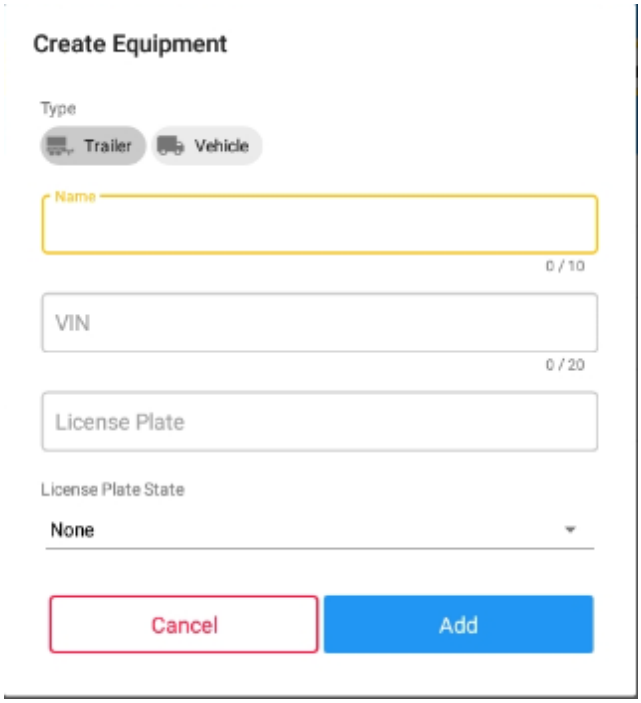
e. Select vehicle type in the **Vehicle Type** drop down list.



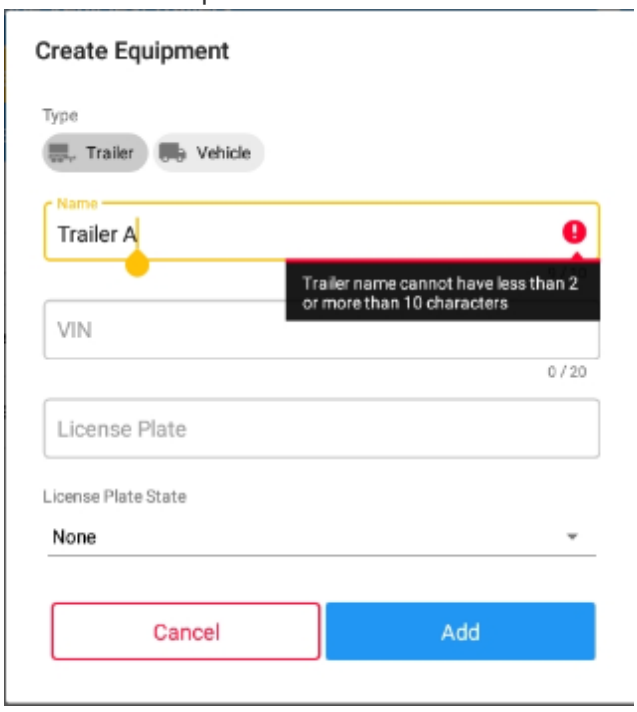
f. Then, tap the **Add** button to successfully add the vehicle/trailer. You can also cancel adding the vehicle/trailer by tapping the **Cancel** button

Note:

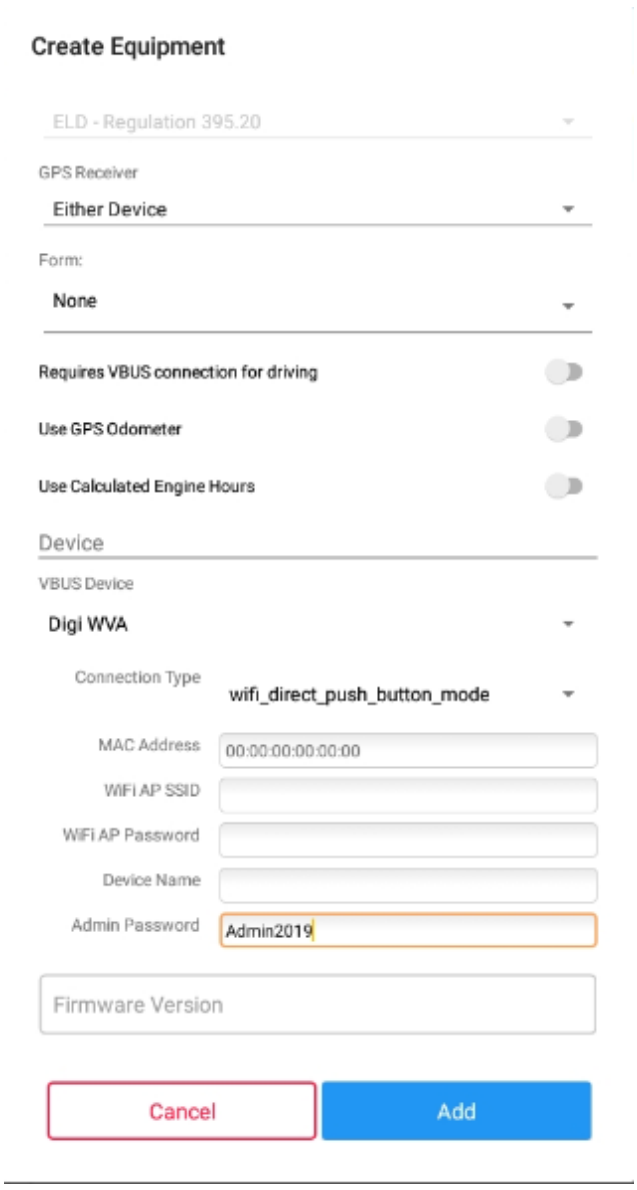
i. When creating/modifying an equipment with a selected type of "**Trailer**", the VIN field is also enabled but is not required when saving. VIN field does not require valid format.



ii. When creating/modifying a **Trailer**, the name must only contain alphanumeric characters, must not have spaces nor exceed 10 characters.

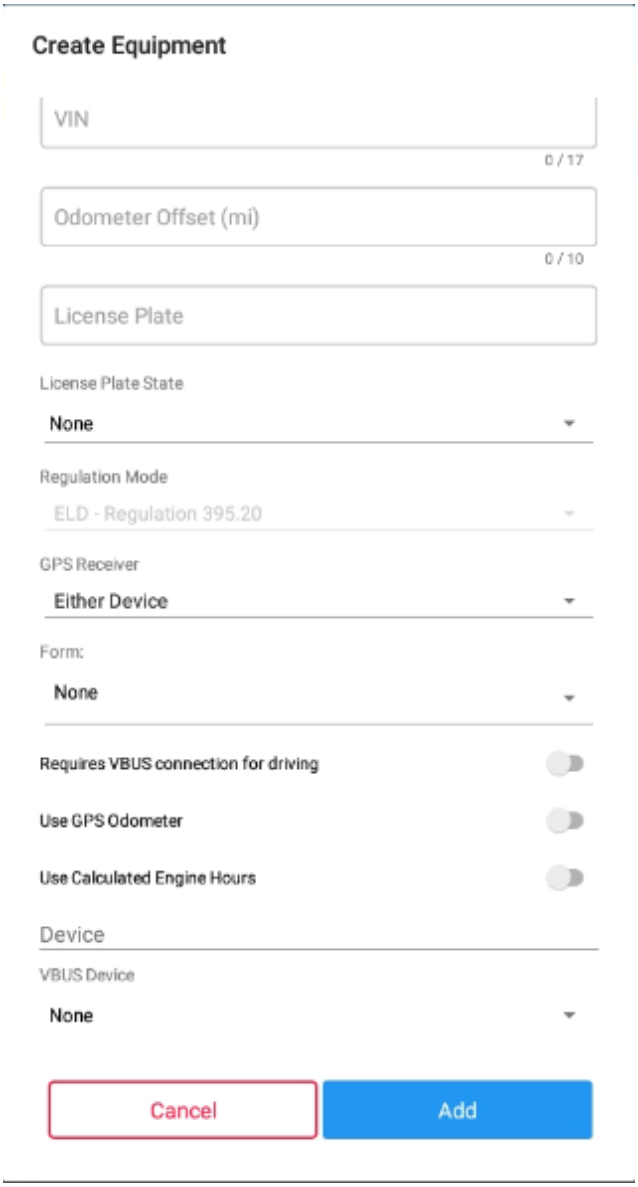


iii. When creating/modifying an equipment with a selected type of “**Vehicle**”, and the Connection Type is ”Digi WVA”, then the admin password field is required.



iv. However, if no device was selected during the creation of the equipment, the default selected device option is set to “None” and all the other fields on the ELD configuration section will be

hidden.



v. When a vehicle does not provide engine hours and odometer values, switch on the **Use GPS Odometer** and **Use Calculated Engine Hours**

vi. When establishing a connection to the VBUS device, the **Vehicle VIN** is one of the required data elements that needs to be present in all logs and DVIRs. Currently the app initially uses the VIN if it is present in the data set received from the device. However, If the app cannot acquire the VIN from the VBUS device then it uses the one present in the Equipment which will be auto converted to capital letters when saved.

vii. A Regulation Mode option to switch between 395.15 (AOBRD) and 395.20 (ELD) support is available. When 395.15 (AOBRD) mode is selected it turns off all 395.20 (ELD) features. It simply records the drivers' events regardless to the FMCSA rules. By default, **ELD** is set as the regulation mode for all new equipment.

viii. Drivers on the app cannot change the Regulation Mode unless the driver is allowed to do so by enabling the account control within the Account Settings under App Controls > '**Allow drivers to specify vehicle HOS Regulation Mode (AOBRD or ELD)**'.

ix. When in AOBRD mode, disable the data transfer button in the Options screen and changed the button to ‘Email Logs’ in the Roadside Inspection

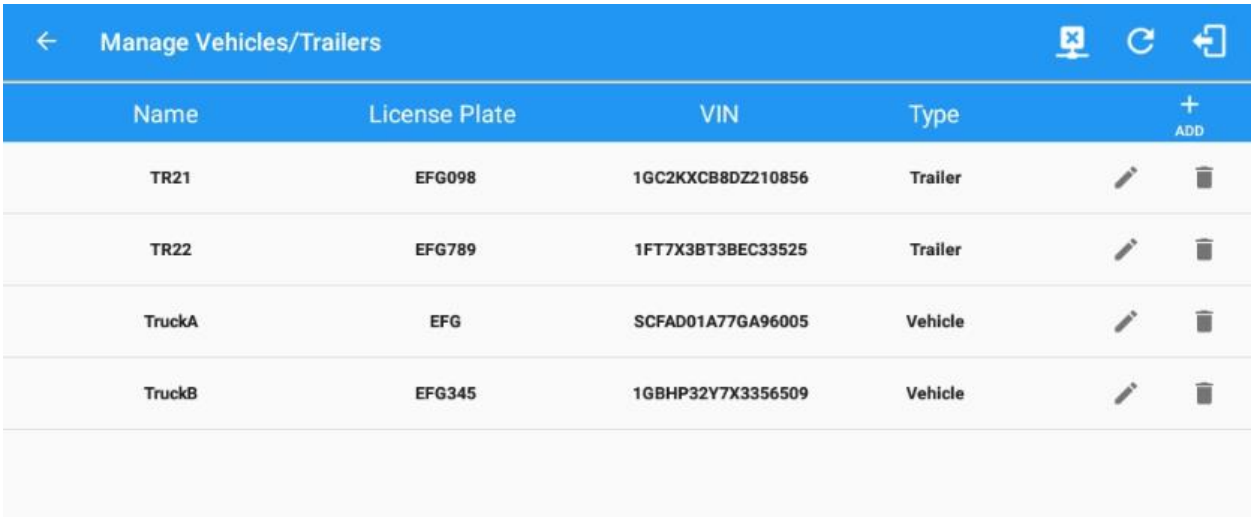
x. GPS Receiver option allows the user to change how to get the device GPS positions. The GPS Receiver settings can be set in a specific vehicle in the portal's **Equipment Management** page.

xi. An **Odometer Offset** allows driver or personnel to adjust the odometer so that the driver will see an odometer that will match their dashboard, rather than the engine odometer. Possible scenario is when the engine is replaced and the value is not yet synchronized.
Notes:
- Odometer offset does not affect app screens like Roadside Inspection and Cerified Logs PDF.
- If the saved offset is 100, and the logs have odometer values of 10, 20, 30, 40, will display to the driver 110, 120, 130, 140 (Odometer + Offset).
- If the offset is 100, and the driver edits an event to change the odometer from 140 to 130, will display 130 - 100 (the Offset) or 30 to the log.
- Negative entry for odometer offset field is allowed.

xii. **Firmware version** can be manually populated. For some VBUS device, it is already pre-populated.

2. Updating Vehicles/Trailers

a. Tap the **Edit** button to edit Vehicle/Trailer.

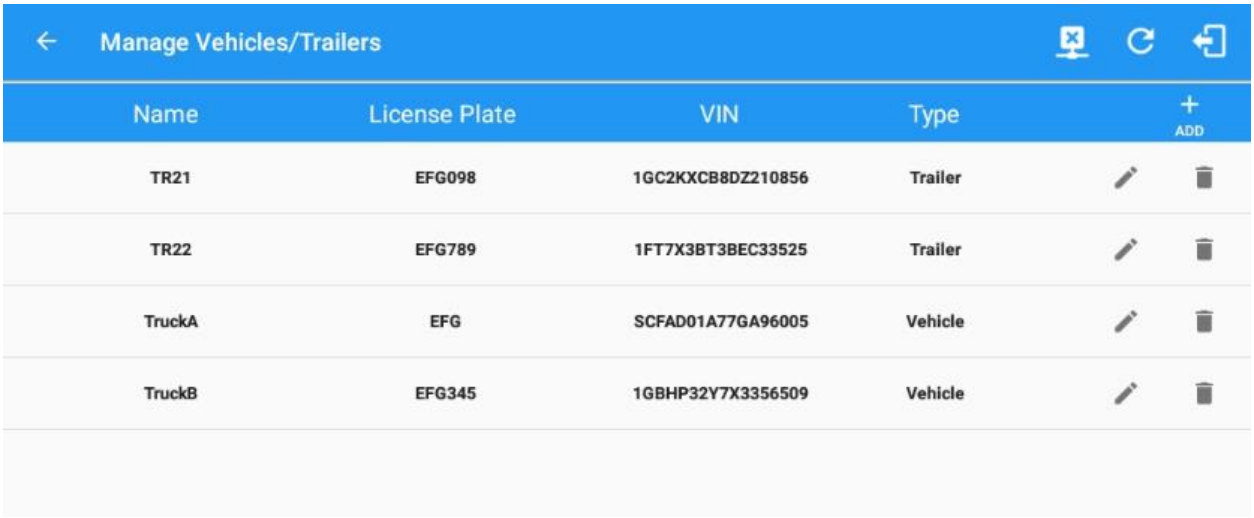


b. Update the appropriate fields in the **Edit Vehicle/Trailer** form.

c. To save the changes you made, tap the **Save** button. You can also cancel modifying the Vehicle/Trailer by tapping the **Cancel** button.

3. **Deleting Vehicles/Trailers**
   Tip: The current selected Vehicle/Trailer can't be deleted

a. Tap the **Delete** button.



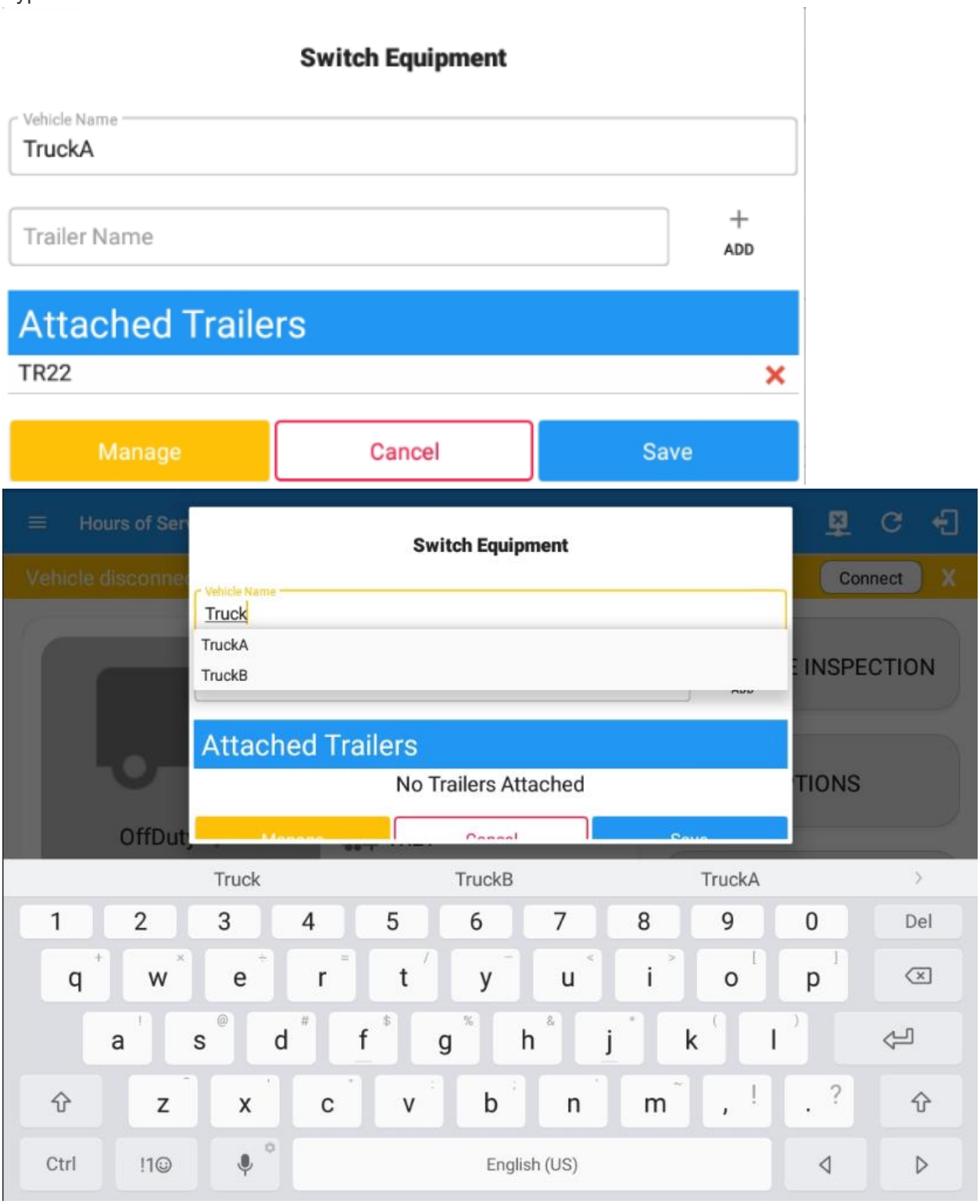
b. To successfully remove the vehicle/trailer, tap the **Delete** button. You can also tap the **Cancel** button to cancel deleting the vehicle/trailer.

4. **Searching Vehicles/Trailers**

On the Switch Truck dialog the driver is allowed to filter the vehicle and trailer list through text entry, *ex: typing in 'Trailer 8'* and seeing a list of the trailers that begin with the number 8. This feature is only available for customer who have hundreds/thousands of trailers

Note: Text entry availability starts if the total number of trailers/vehicles reached 100 or more.

a. Type in the vehicle/trailer name on the vehicle/trailer field



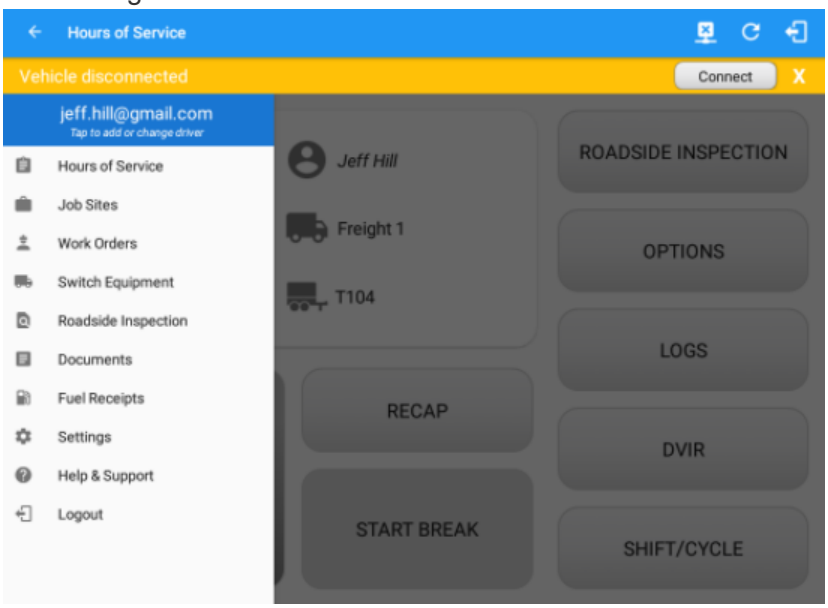
Switch Driver

The **Switch Driver** feature allows for easy switching of drivers.

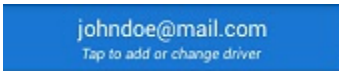
The following are the different ways to perform a Switch Driver action:

1. **Main Navigation Menu**

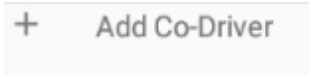
   a. Swipe from the left edge of the screen, or tap the **Main Navigation Menu icon** to show the Main Navigation Menu.



   b. Tap on the highlighted portion on top stating "*Tap to add or change driver*"



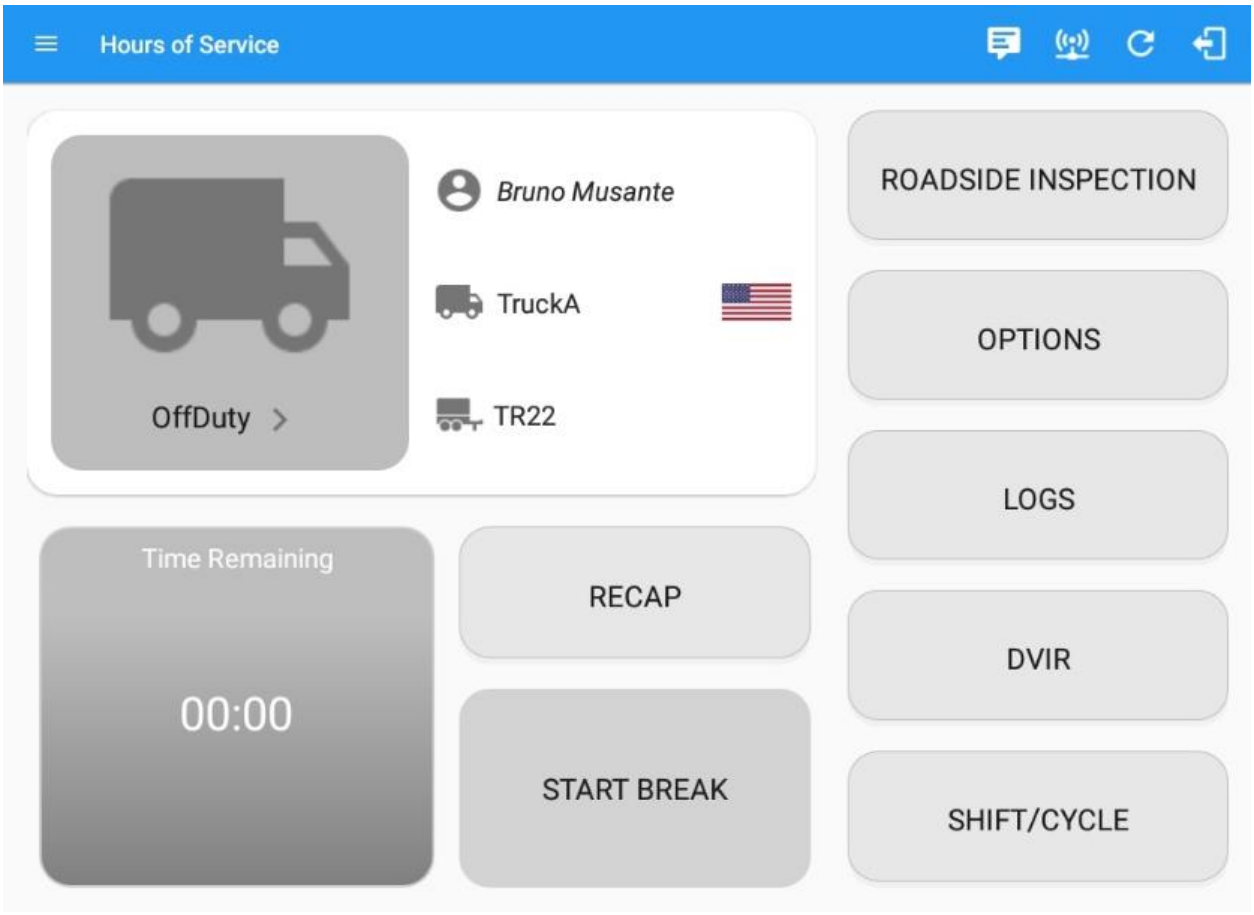
   after which the 'Switch Driver' screen will then be displayed.

   c. Tap the 

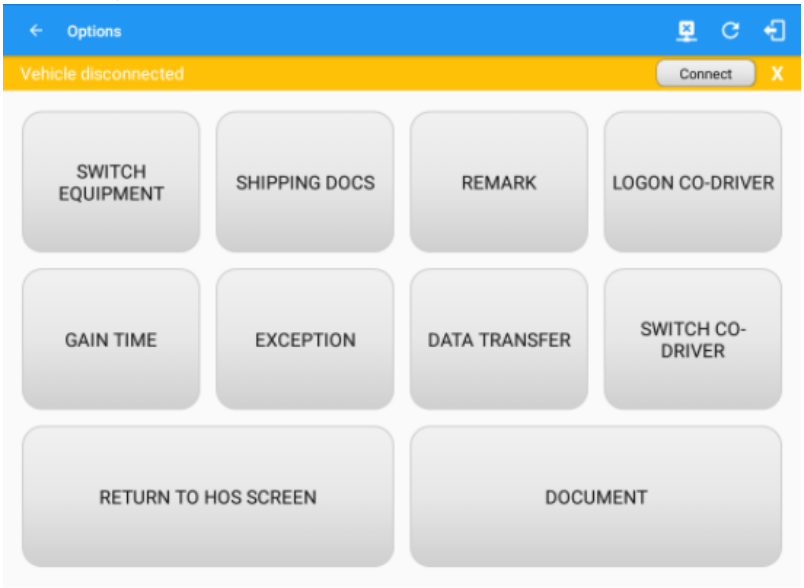
   to add another driver, this will redirect the HOS app to the login screen.

2. **Switch Co-Driver button (Options)**

a. Go to **Hours of Service Main Screen.**

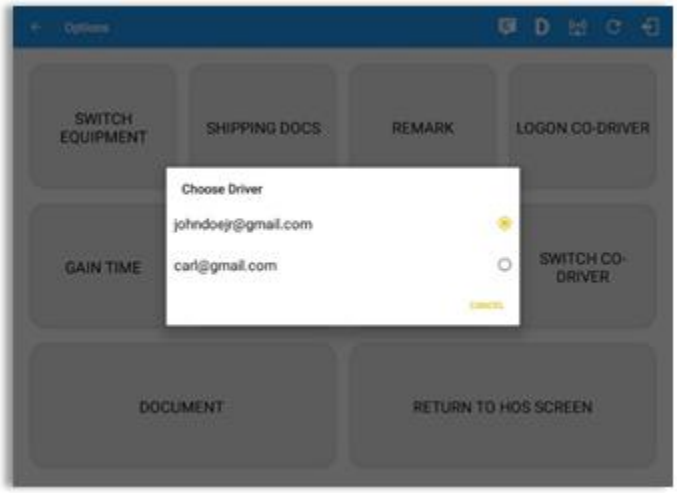


b. Tap the **Options** button. After which the **Options** screen will then be displayed.

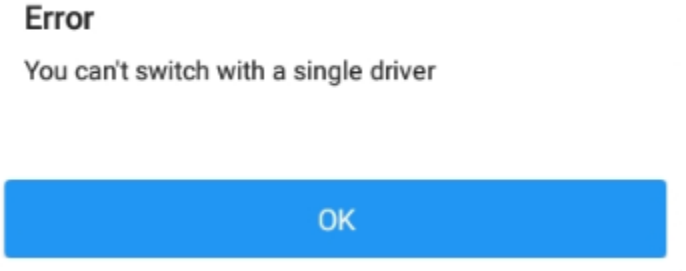


c. Tap the **Switch Co-Driver** button.

d. From within the **Choose Driver** dialog, tap the driver's name who you wish to switch to. Tap the CANCEL button to return to the Options screen.



Note: If there are no other drivers who are currently logged into the HOS app, a popup dialog will show.



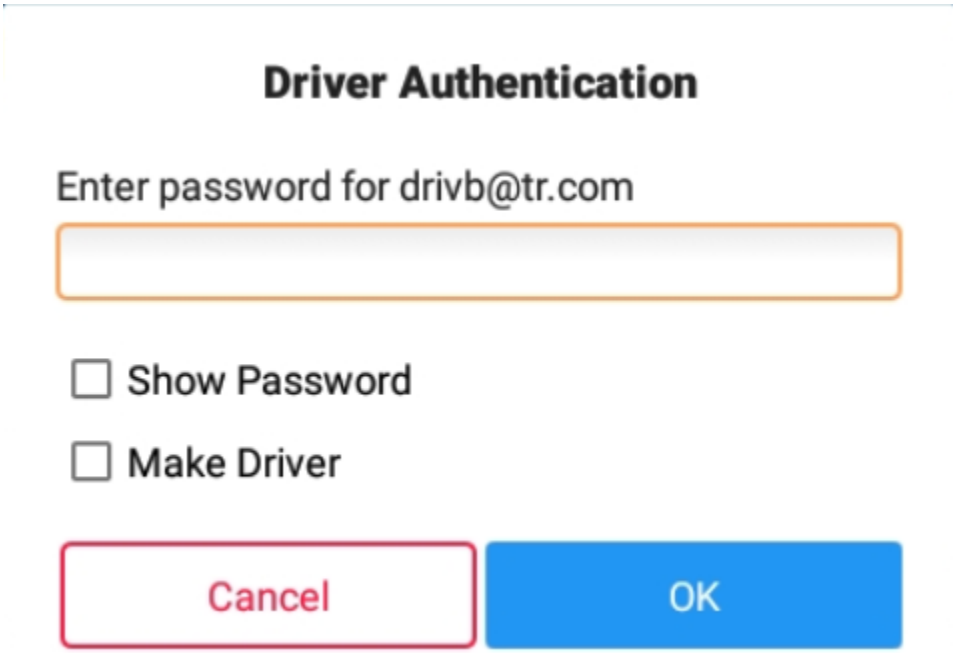
You can also add a driver by tapping the

LOGON CO-DRIVER button.

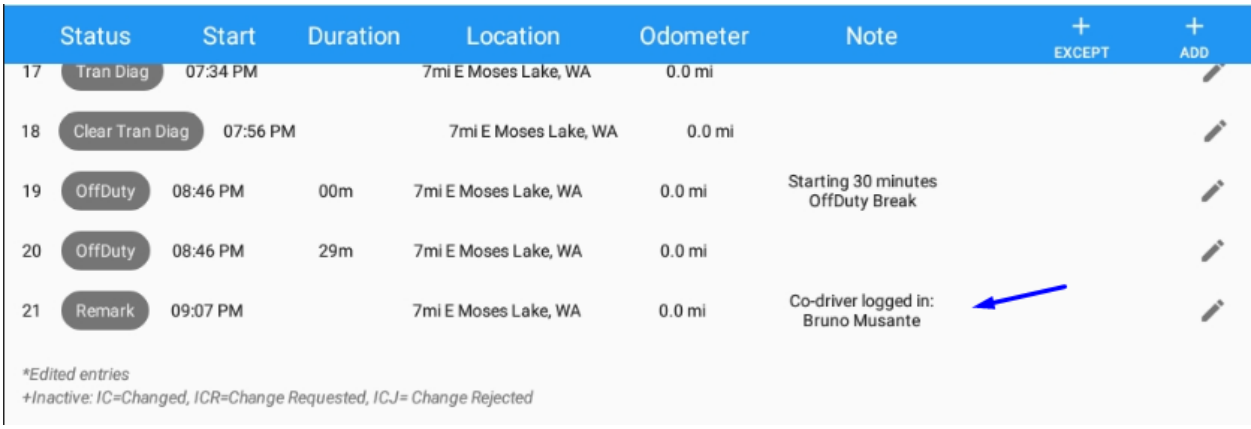
Notes:

i. Personnel accounts cannot be Co-Drivers. Only authenticated users with a Driver role are allowed to log-in as Co-Driver.

ii. The Co-Driver must enter his/her Username & Password and then tap the Login button to continue, he/she will then be logged on successfully and the Hours of Service Main Screen will display their log details.
iii. Displaying the Team Driving buttons such as 'LOGON CO-DRIVER' and 'SWITCH CO-DRIVER' are based on the value set on its account property. Having a value of **false** will disable the buttons and will not display it.
iv. When logging in a Co-Driver, the default Truck and Trailer value will be the current **Truck** and **Trailer** value of the Main Driver.
v. Also the HOS app will always ask for the password every time a co-driver switch to active .



- By checking the **Make Primary Driver** checkbox, you can set the switching driver to be the primary driver.
- In addition, the Co-Driver's name is displayed in the daily logs which is placed under the grid chart.



(Per FMCSA, (a) ELD must provide an account secure access to data recorded and stored on the system by requiring user authentication during system login. Driver accounts must only have access to data associated with that driver, protecting the authenticity and confidentiality of the collected information.)

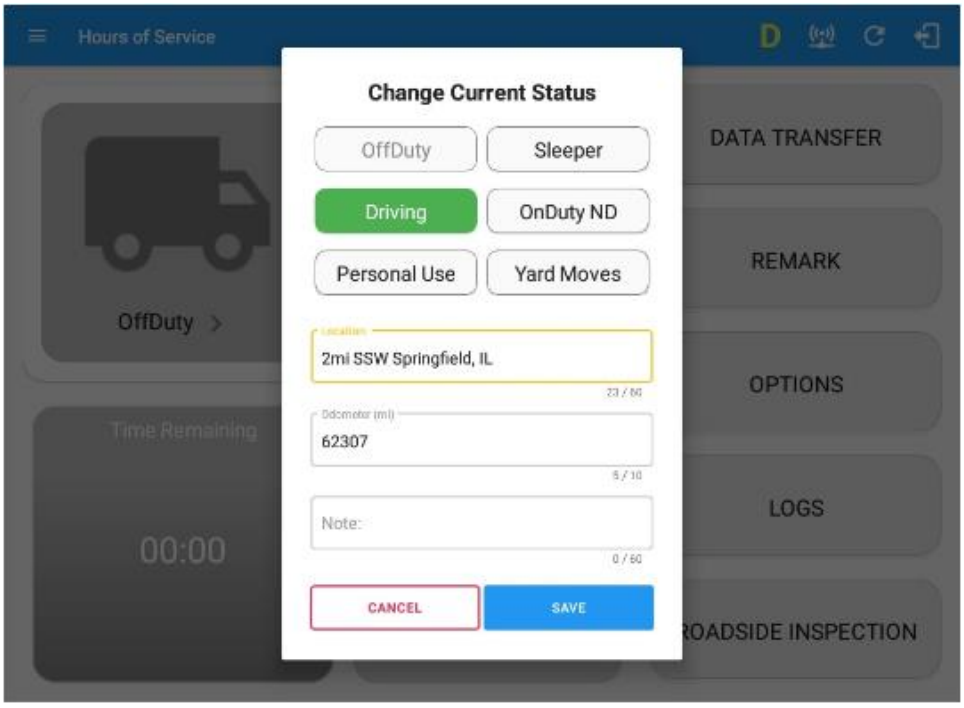
Team Driving

Team Driving is the ability for two or more drivers to work in tandem which enables them to cover longer routes in a shorter amount of time. This also enables them to deliver goods/products to customers in the fastest amount of time possible while minimizing driver fatigue and other safety risks.

Each driver can login to the app and can monitor his daily working status as given in the example below:

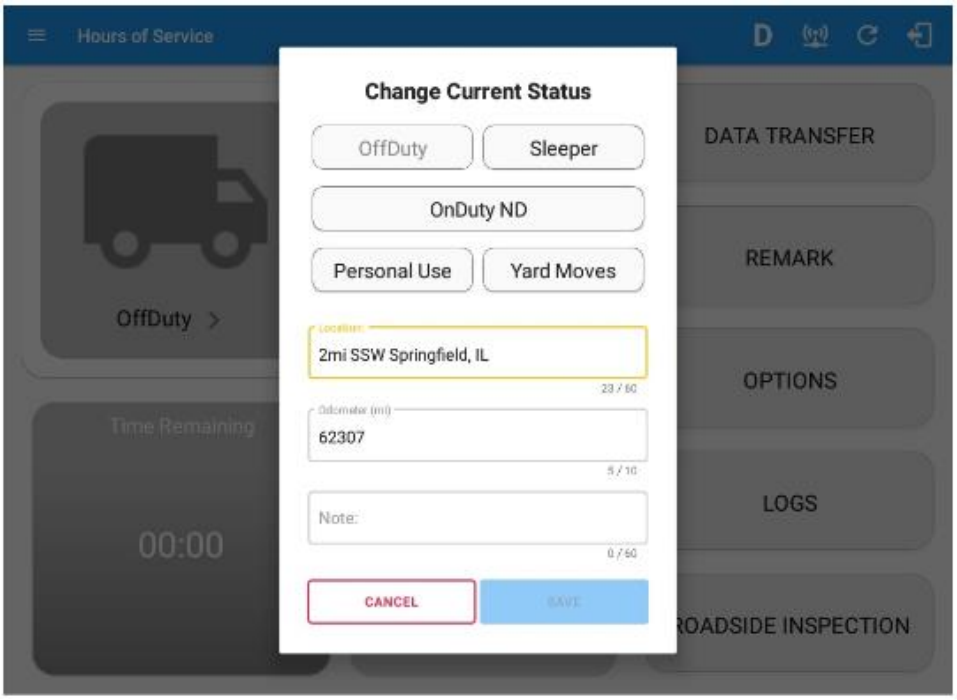
1. Tap on the ***Change Current Status*** button.

2. Select ***Driving*** as the driver duty status from the status options.

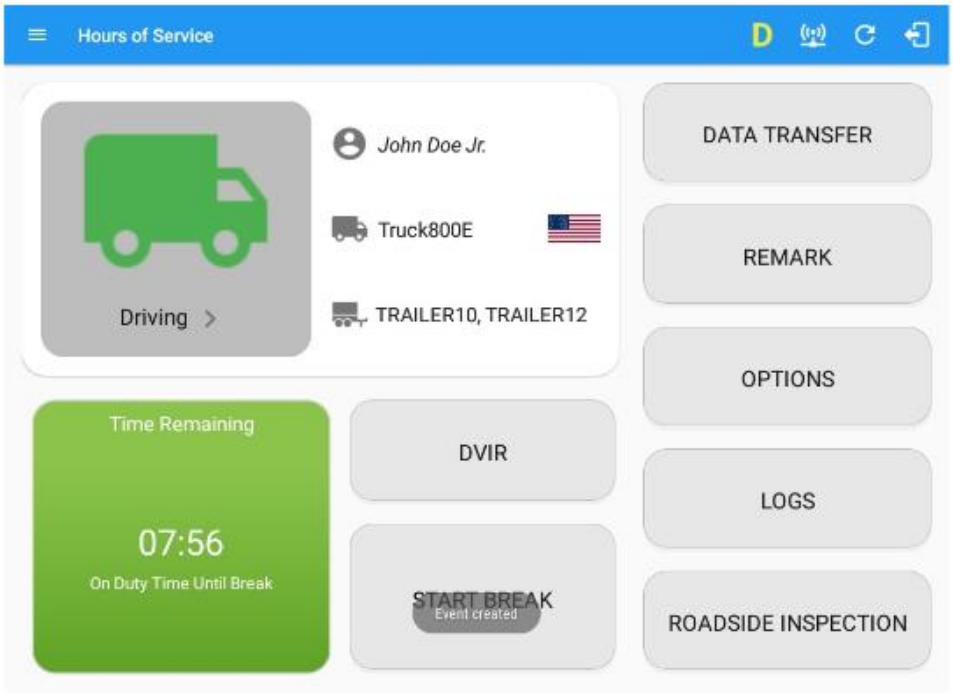


Note: The ***Driving*** status option is only available for the main Driver (currently using the application). The

Driving status option is not available for the Co-Driver on a Review Mode.



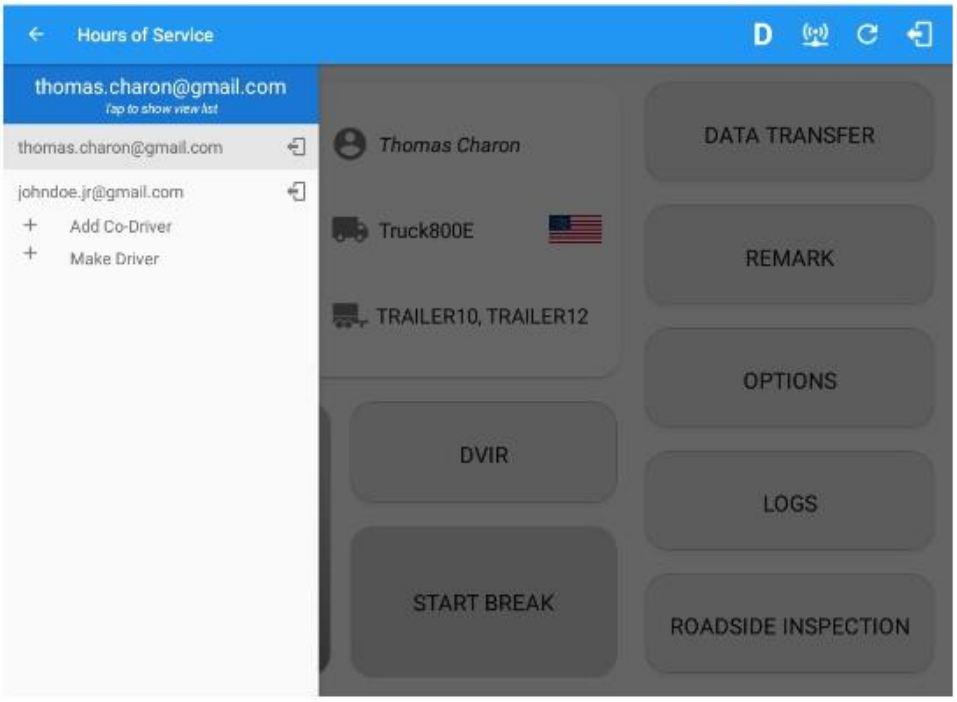
3. Tap ***SAVE*** button and status will be changed successfully.



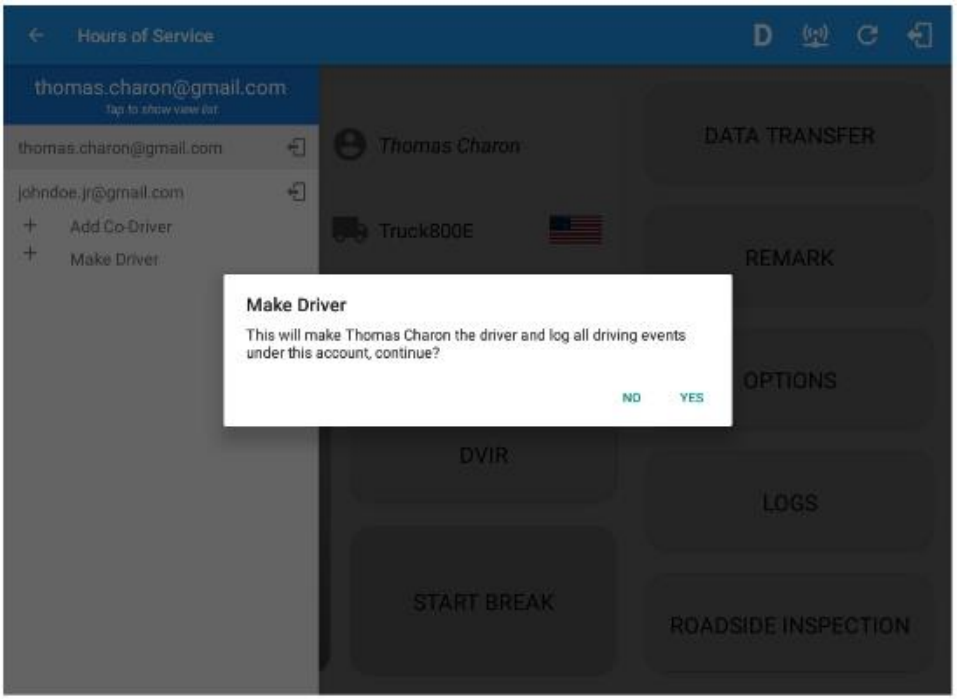
Make Driver

When a Co-Driver is on Review Mode and that the vehicle is not in motion, the ***Make Driver*** option is available to make the Co-Driver as the main Driver.

- **Logging in a Co-driver**
  (See ***Switch Driver Tab*** for the steps.)



- Tap on the ***Make Driver*** button to display the Make Driver dialog with a Yes or No confirmation.



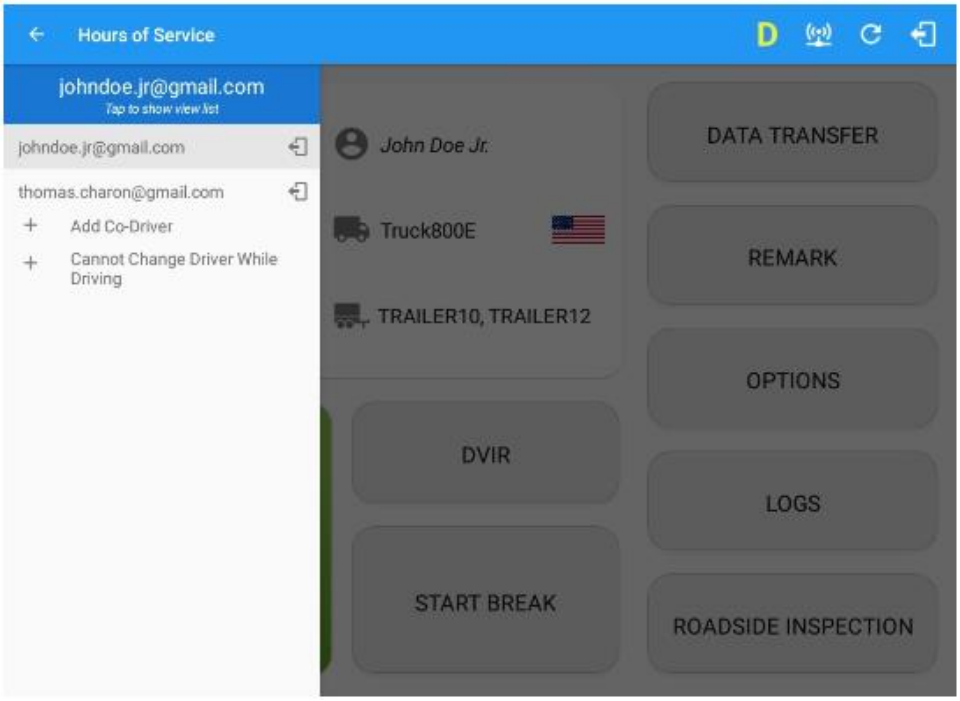
  - If ***Yes*** is tapped

    - It will restart the vbus service again then makes the Co-Driver as the main Driver.
    - When the Co-Driver is now the main Driver, the Make Driver option will no longer be available for the said account.

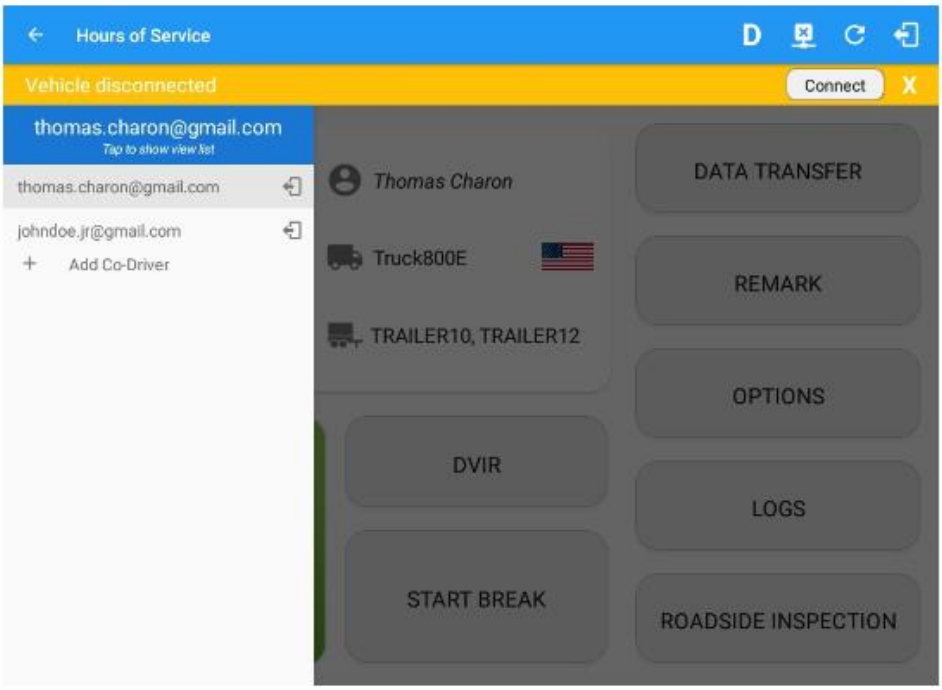
- If ***No*** is tapped
    - It will close the dialog

Notes:

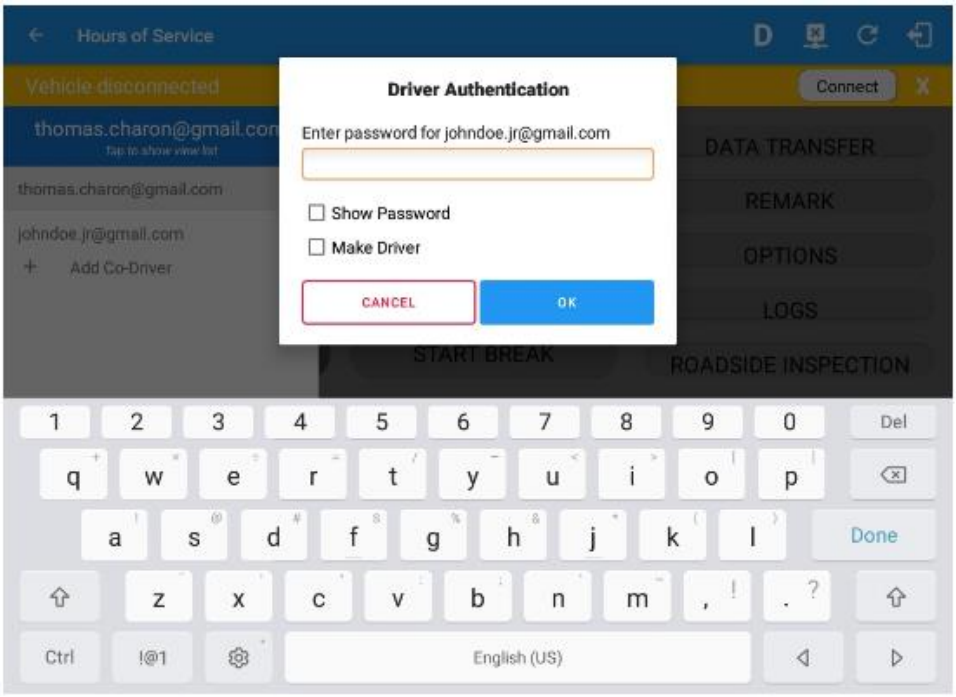
- The ***Make Driver*** option will not display if the main Driver (currently using the application) status is Driving. Instead, it will display *Cannot Change Driver While Driving*.



- Switch back to the main Driver's account. On the Driver's list, the ***Make Driver*** option is not visible.



- But when tapping the Co-Driver's email address and current status of the main Driver is not in Driving, the ***Make Driver*** option is available within the Driver Authentication dialog.

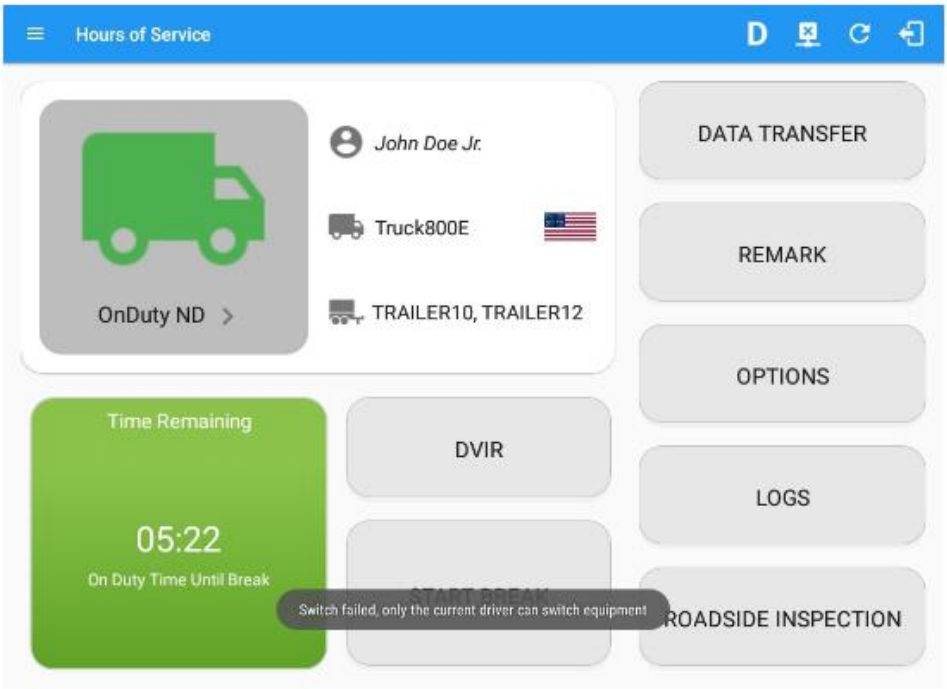


Logging in as Review Mode

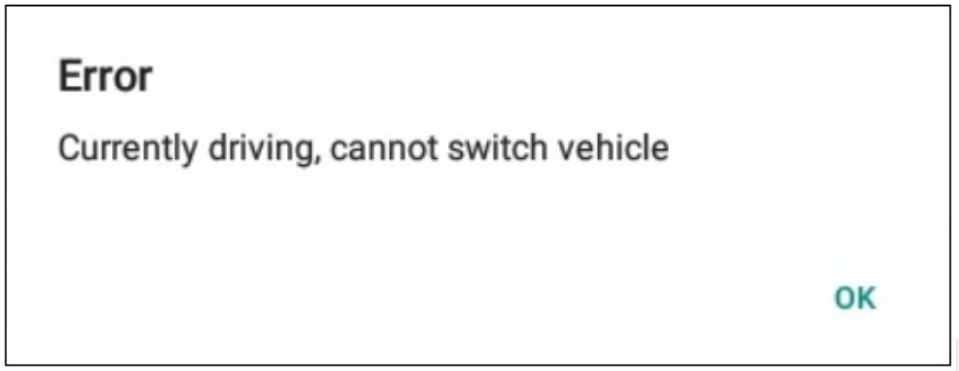
In Team Driving, a Co-Driver is allowed to review his data by logging in as Review Mode.

a. Restrictions

a. Driving Notifications and alerts will not pop-up, anything which relates to the main Driver.
b. The lock screen is disabled even if the vehicle is in motion.
c. Switching of vehicles is prohibited, attempts to switch vehicle while:
    i. the vehicle is not in motion, will display a toast message stating, *Switch failed, only the current driver can switch equipment*.



ii. the vehicle is in motion, will display an error message stating, *Currently driving, cannot switch vehicle*.



Note: The switch truck option in the left menu is no longer available.

d. Changing the current event status to Driving is not allowed. Therefore, the Driving event status is no longer available on the status options.
e. The Vehicle Data Settings is no longer available in Review Mode, to prohibit updates on the preferences related to background services (vbus preferences, tracking preferences, etc.).
f. Accepting a Requested Driving event is also not allowed. Attempts to accept or reject the Driving event will display an error dialog stating, *Only Primary Driver can switch to Driving as current status.*

b. Access

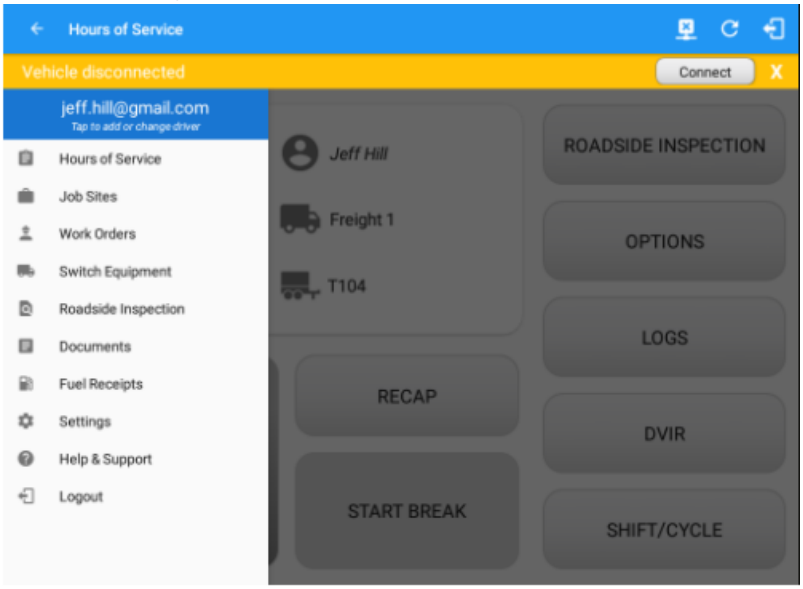
a. The Co-Driver logging in the Review Mode can still receive Pending Edit Requests.
b. Notifications and alerts for Malfunctions and Data Diagnostics events are still available.
c. Modifying the previous logs are still allowed.
d. Can still change the current event to *OnDuty ND*, *OffDuty*, *Sleeper Berth* except for Driving event.

Documents

The Document's feature provides an easy way to capture and view documents related to hours of service activities. This includes documentation such as bill of lading, accident photo, etc.

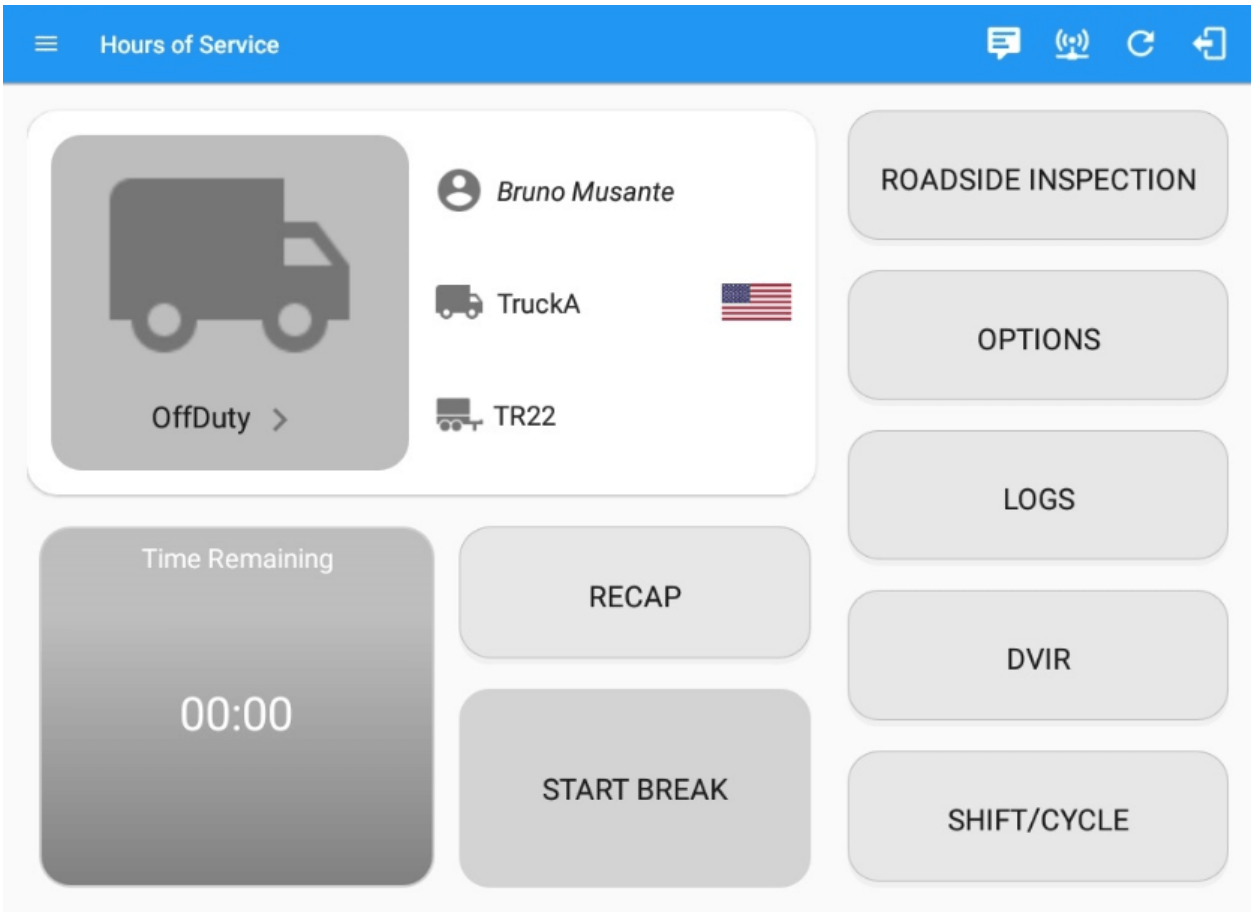
The following are different ways to go to the Document's Screen:

1. **Main Navigation Menu**
    a. Swipe in from the left edge of the screen, or tap the **Main Navigation Hamburger** icon to show the main navigation menu.
    b. Tap the **Documents option** in the Main Navigation Drawer, after which the documents screen will then be displayed.

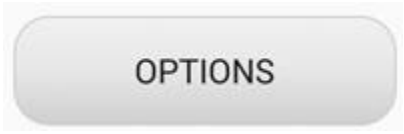


2. **Driver Options**

- Go to **Hours of Service Main Screen.**

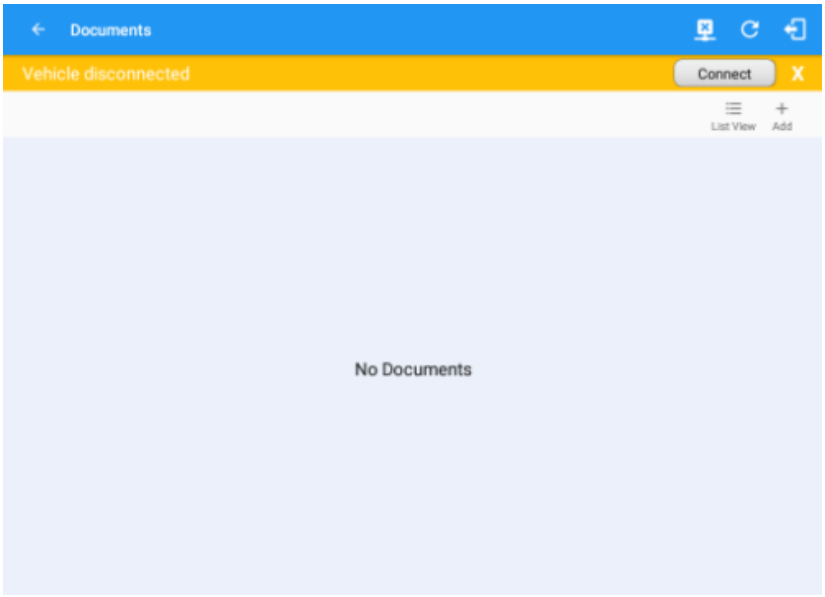


- Tap the **Options** button.



- Tap the **Add Document button.**

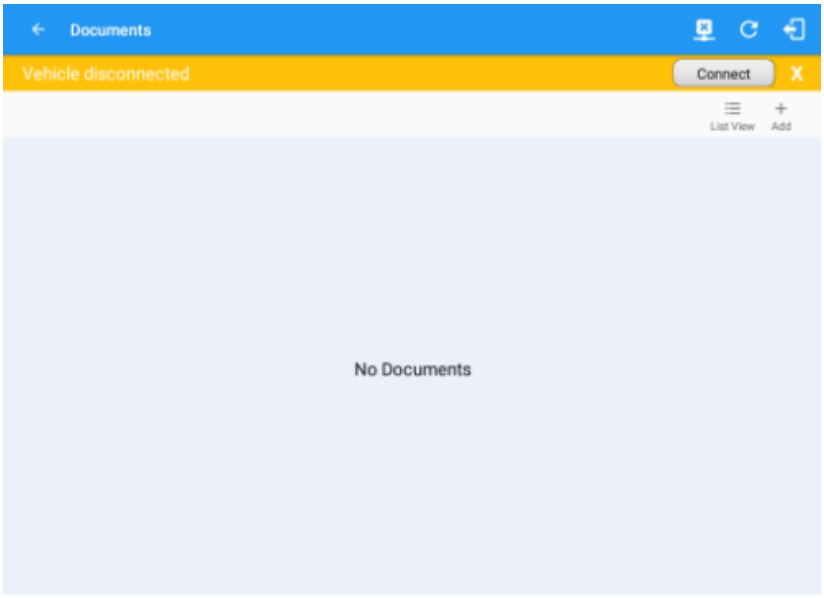
- After which the **Documents** screen will then be displayed.



Tip: You can change the documents' view to either **"List View"** or **"Grid View".**

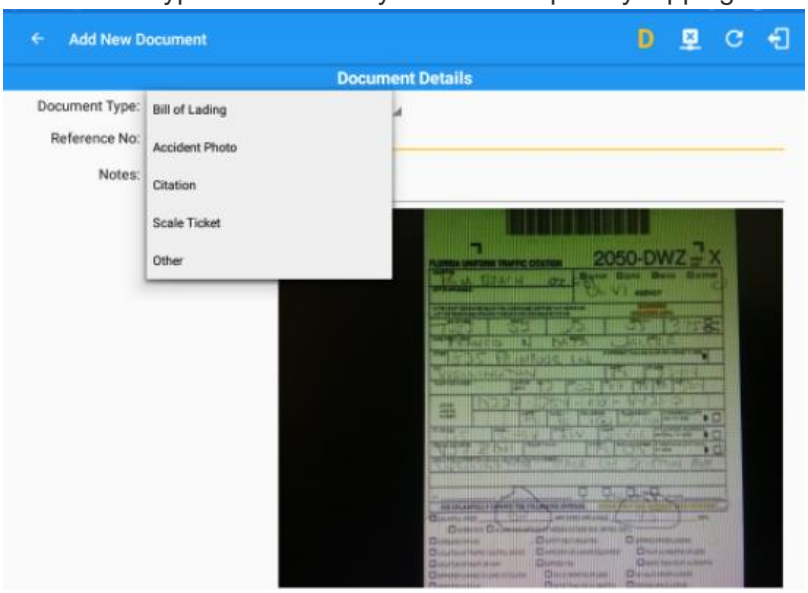
Adding Documents

1. Tap the Add **Add** button.

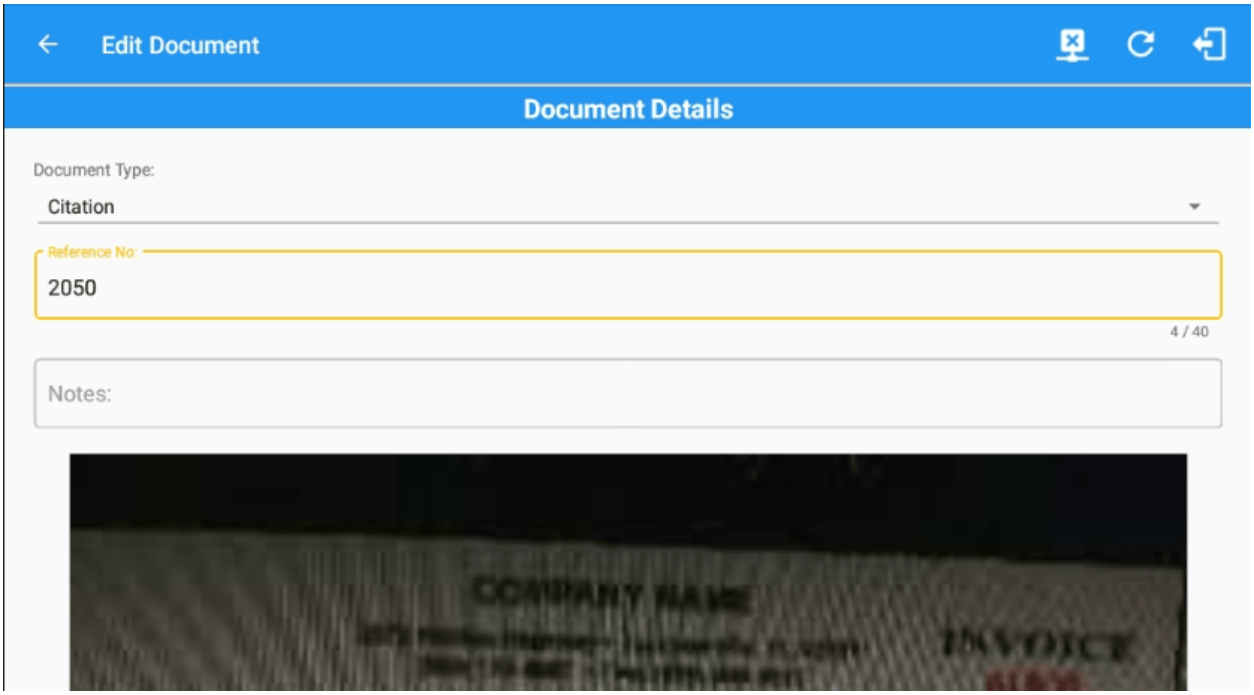


2. The camera app will then appear to take a picture of the document.
3. After tapping the **Capture Image** button, select the **Check** mark button to save the image and add it to your document. You can also discard the captured image by selecting the **X** mark button.

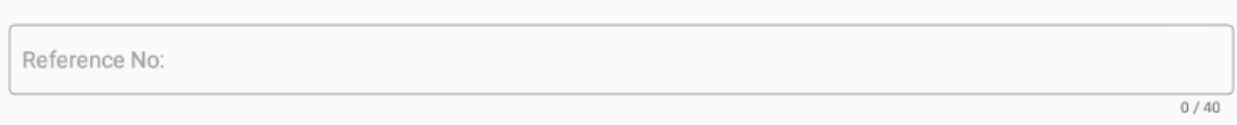
4. Select what type of document you wish to report by tapping the **Document Type** drop down list.



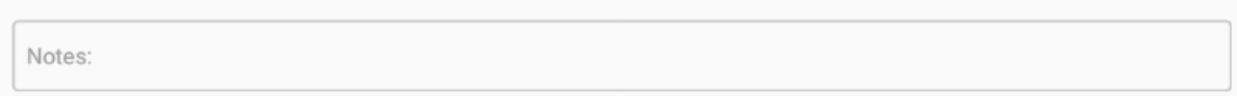
5. Provide the document information



   i. Fill in your reference number in the **Reference No.** field.



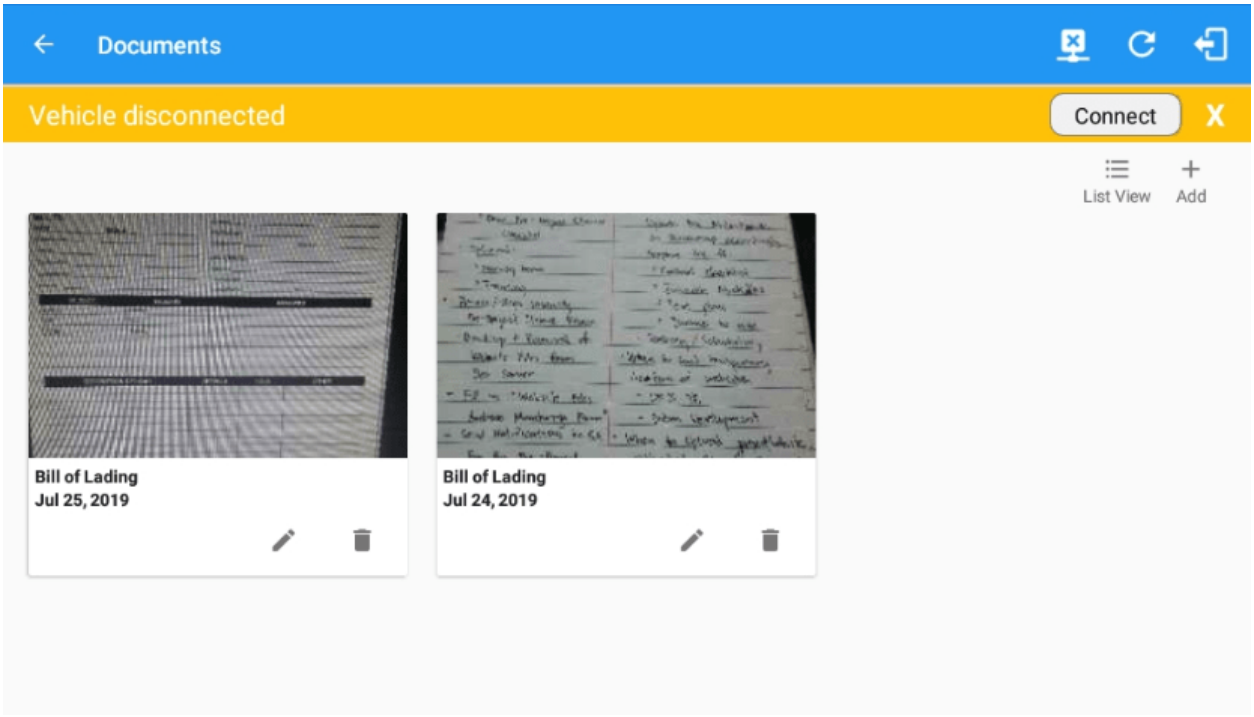
   ii. Fill in the **Notes** field for your notes/remarks.



iii. After filling in all the fields you can now tap the OK **button** to successfully add the document.

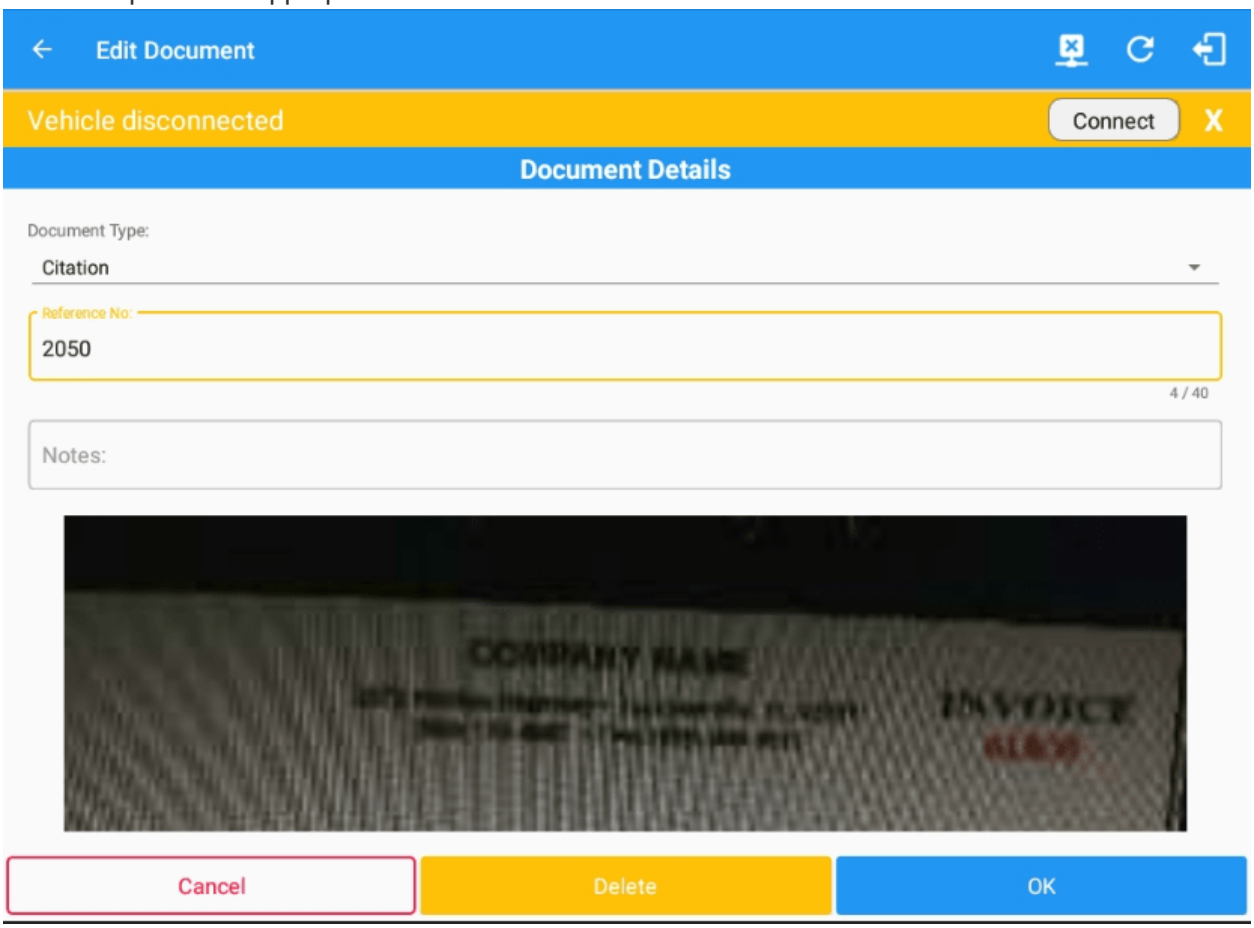
You can also tap the Cancel **button** to cancel adding the document.

Updating and Deleting a Document



1. **Updating a Document**
    a. Tap the **Edit** button of a specific document.

b. You can update the appropriate areas on the **Edit Document** screen.



c. Tap the

Ok button to save the changes you made in the document.

Tap the

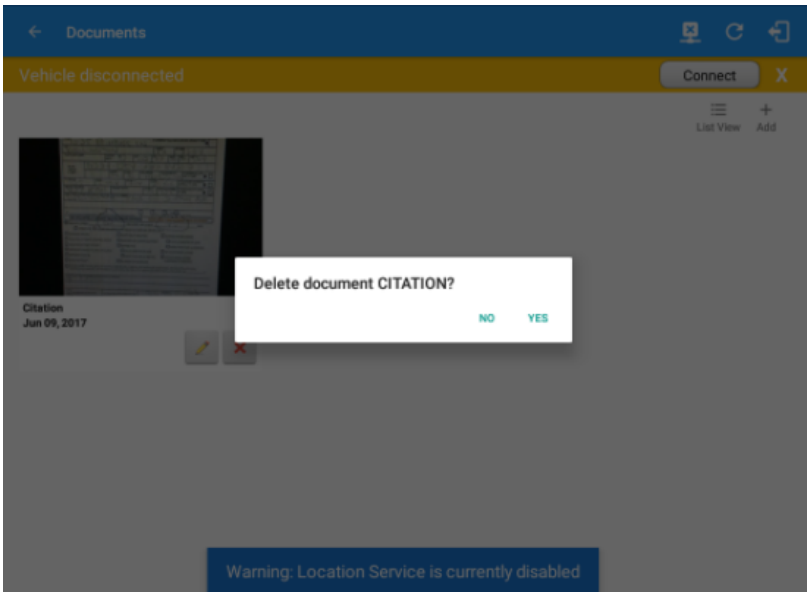
Cancel button to cancel modifying the document. You can also delete the document by tapping the

Delete button.

2. **Deleting a document**

a. Tap the **Delete** button of a specific document.

b. A message dialog will prompt asking for a confirmation either you want to successfully delete the document or not.



c. Tap the **Yes** button to successfully delete the document. You can also tap the **No** button to cancel deleting the document.

Fuel Receipts

The Fuel Receipt's feature provides an easy way to capture and view fuel receipts purchased related to hours of service activities.

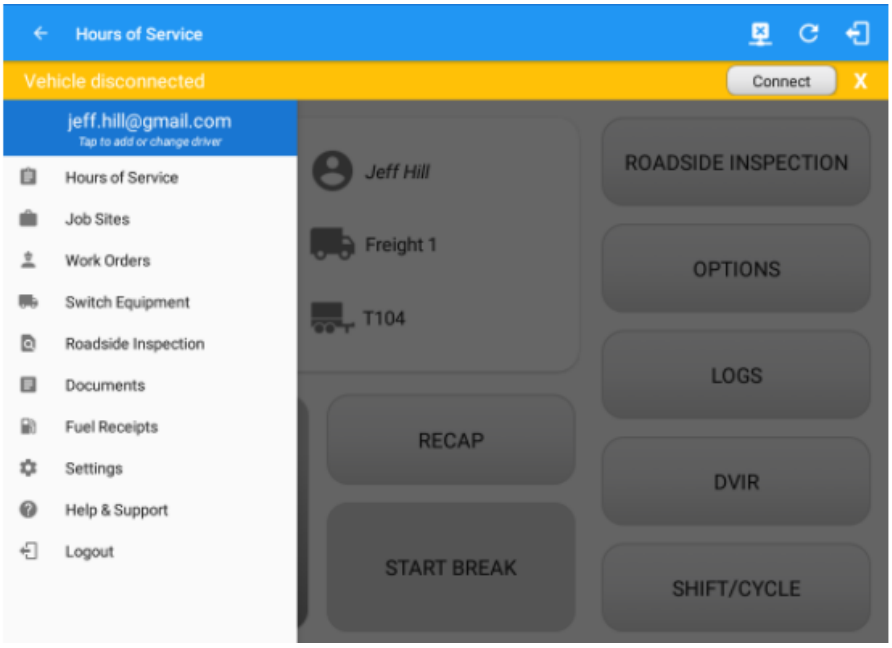
1. **Main Navigation Menu**

1. Slide the screen from left to right to show the **Main Navigation Menu.**

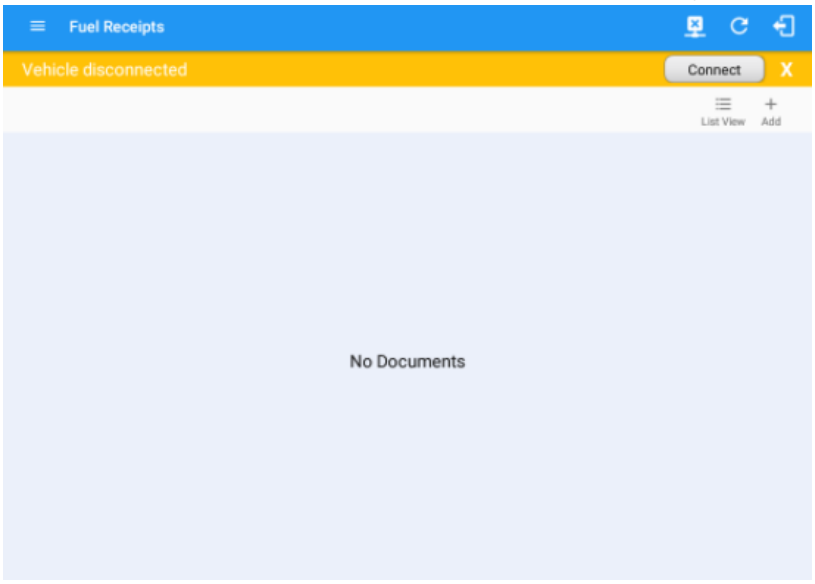
or

2. Tap the **Main Navigation Hamburger** icon to show the Main Navigation Menu.
3. Tap on the Fuel Receipts button from the Main Hours of Service Menu.

Note: *Fuel Receipts tab will not be available for driver whose account does not have a State Mileage feature enabled on portal.*



- After which the **Fuel Receipts** screen will then be displayed.

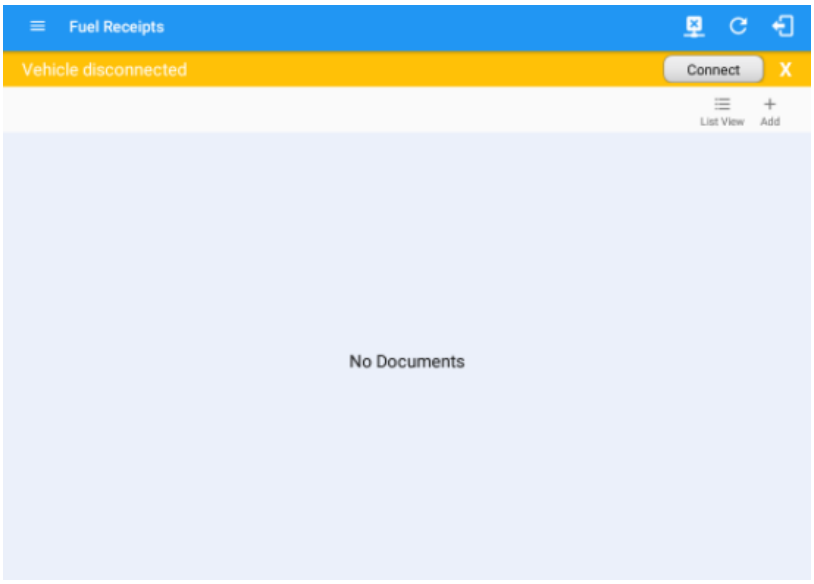


Tip: You can change the documents' view to either **"List View"** or **"Grid View".**

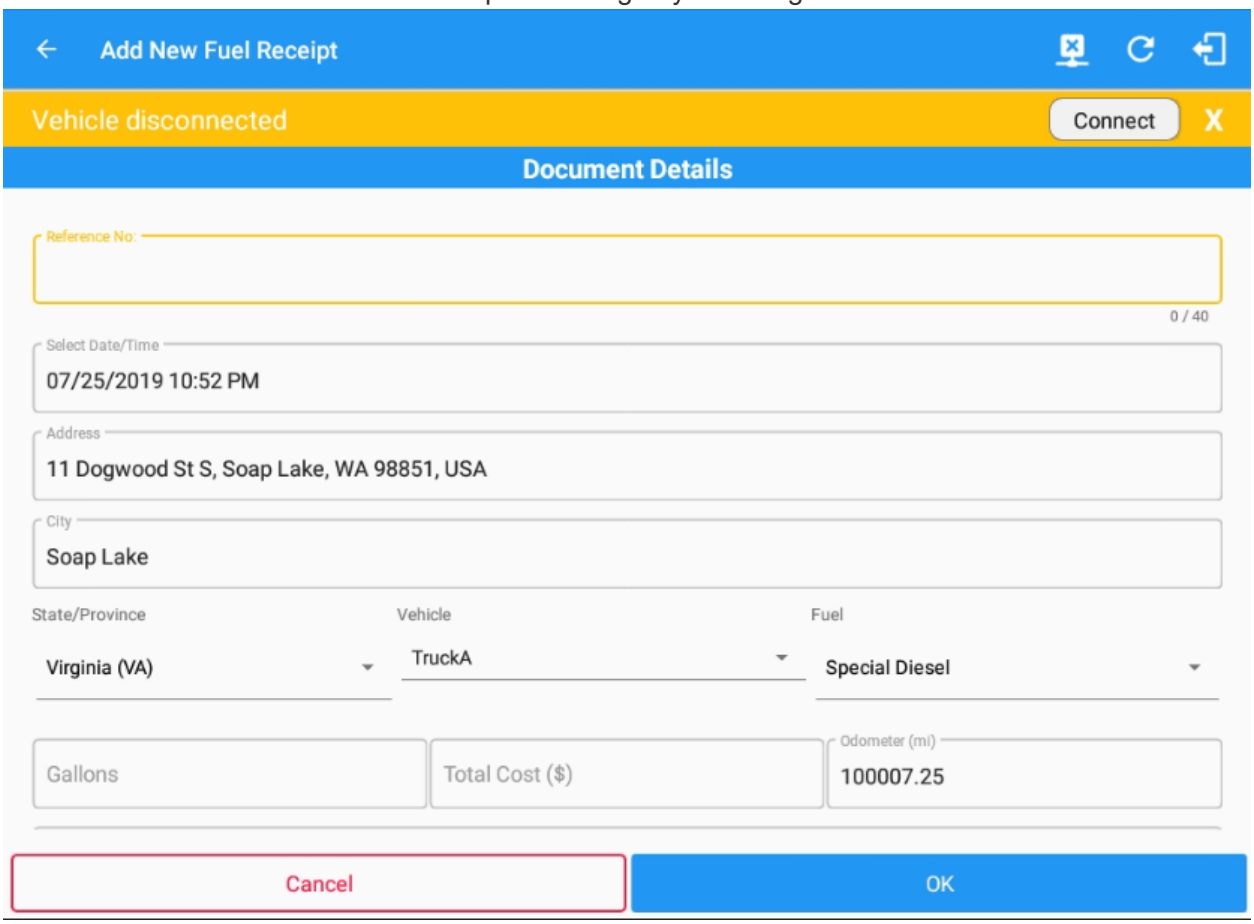
<u>Adding a Fuel Receipt</u>

1. Tap the

Add button.



2. The camera app will then appear to take a picture of the fuel receipt.
3. After tapping the **Capture Image** button, select the **OK** button to save the image and add it to your document. You can also discard the captured image by selecting the **RETRY** button.



Note: *Address*, *City* and *State/Province* are pre-populated when location is captured. Unlike adding

a document (*e.g Citation or Bill of Lading*), additional fields will be displayed when adding a Fuel Receipts.

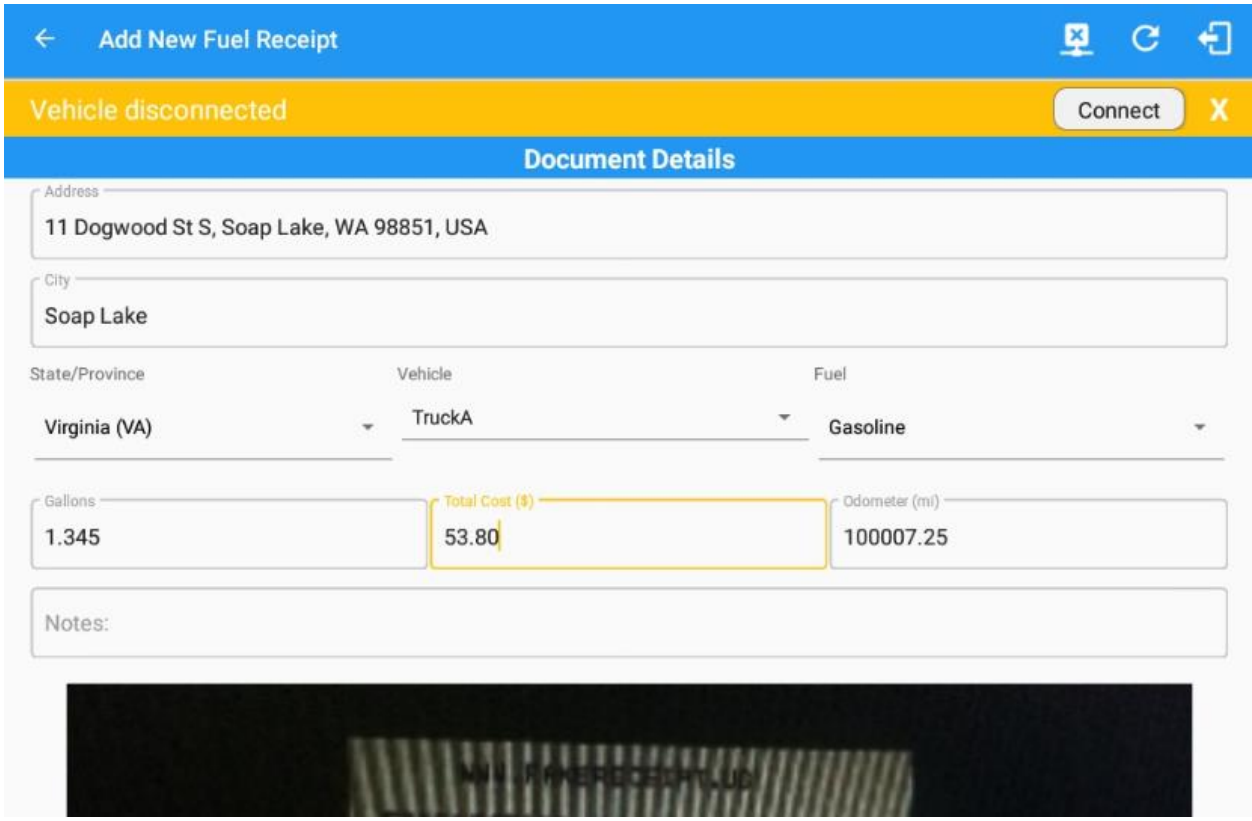
4. Fill in the necessary information.

    i. Select a state.
        1. If the state selected is in **US**, the odometer and volume unit display is in **Mi** & **Gallons**.
        2. If the state selected is in **Canada**, the odometer and volume unit display is in **KM** & **Liters**.

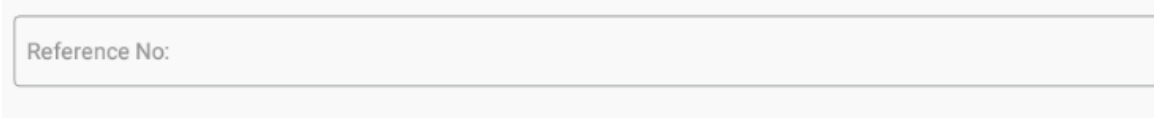
    ii. Select the **Vehicle.**

    iii. Select a **Fuel Type**.

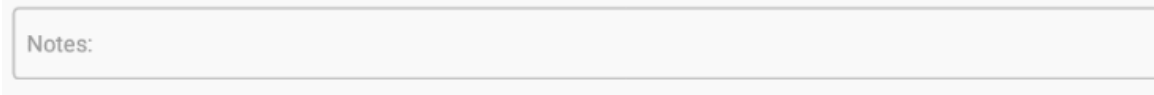
    iv. **Gallons** and **Total Cost** values are required.



1. Fill in the **Odometer** value (*optional, this automatically populated with the odometer provided by the VBUS device*)
2. Fill in your reference number in the **Reference No.** field.

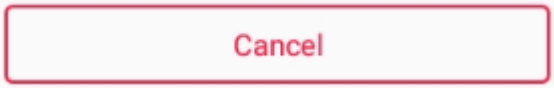


3. Fill in the **Notes** field for your notes/remarks.



v. After filling in all the fields you can now tap the

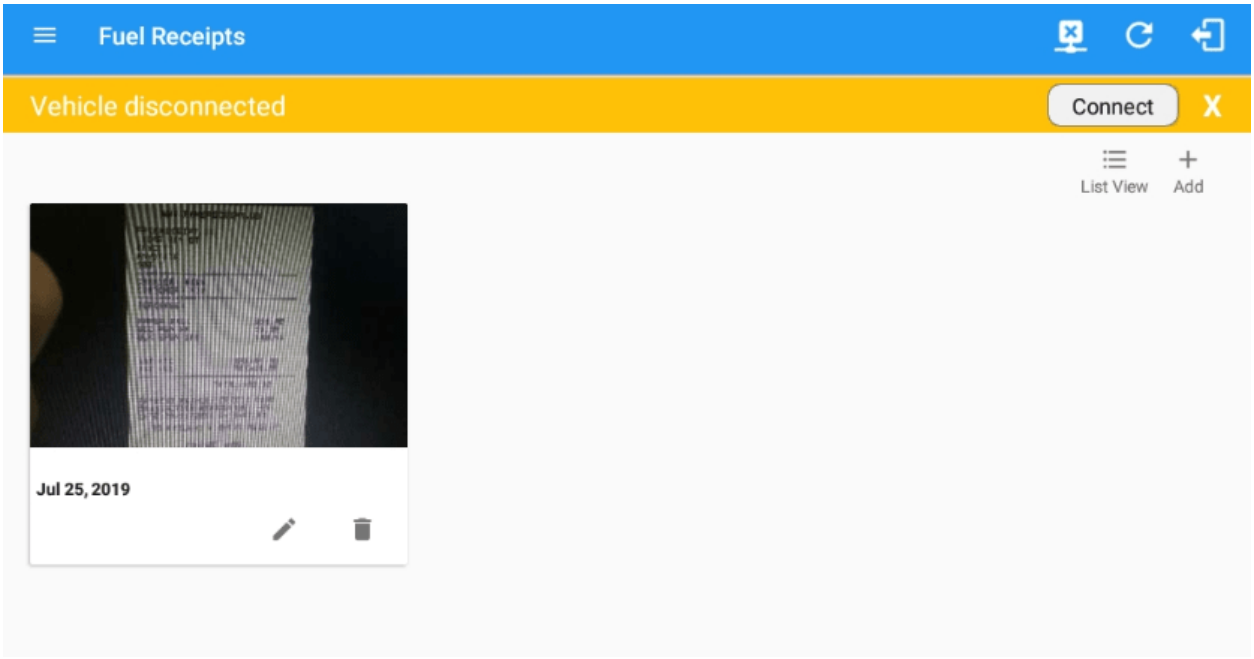
button to successfully add the document.

You can also tap the 

button to cancel adding the fuel receipt.

Notes: For every Fuel Receipt created via the App Fuel Receipt feature, it creates a Remark event, found on the Edit Logs screen, with a note "*Purchased 1.345 gallons at $53.80 price* (sample note for the above purchased).

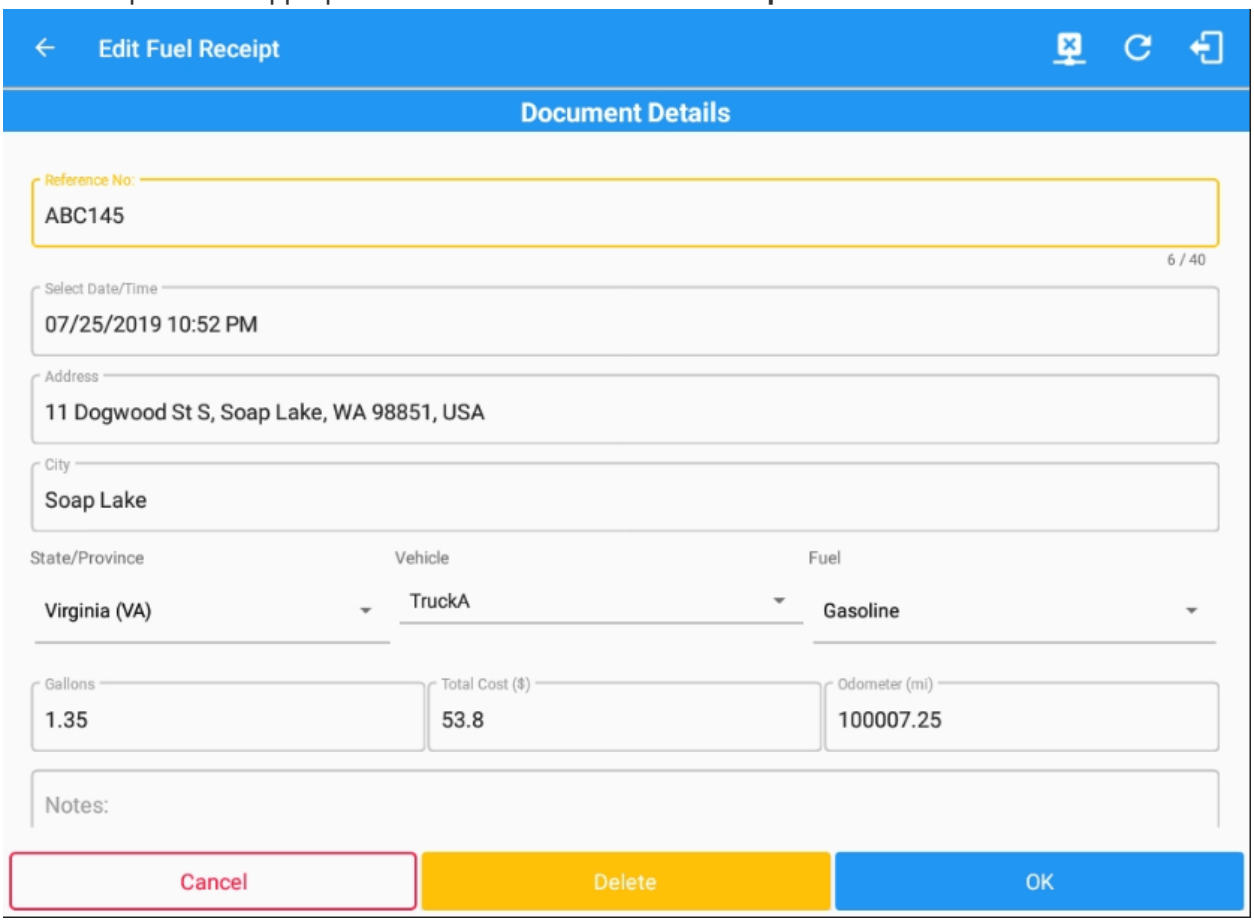
Updating and Deleting a Fuel Receipt



1. **Updating a Fuel Receipt**

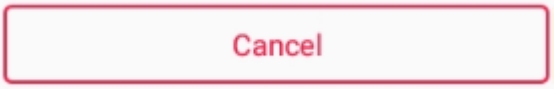
   a. Tap the **Edit** button of a specific document.

b. You can update the appropriate areas on the **Edit Fuel Receipt** screen.



c. Tap the

Ok button to save the changes you made in the fuel receipt.

Tap the 

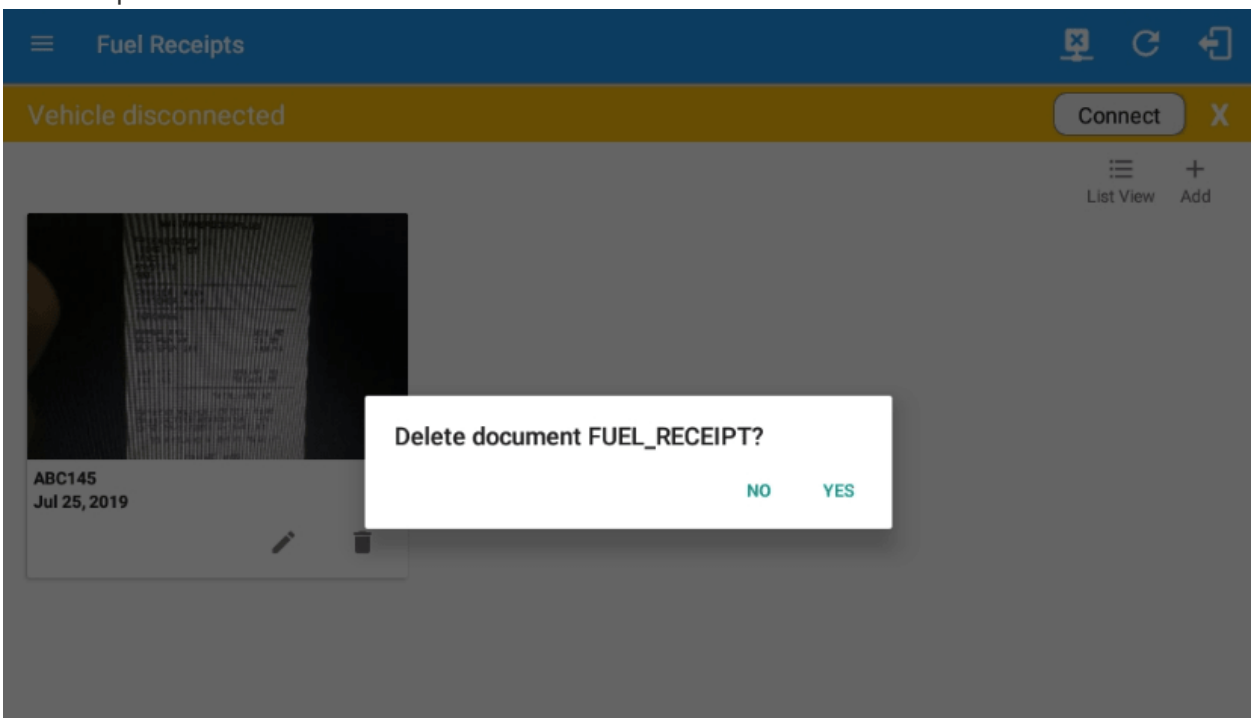
Cancel button to cancel modifying the fuel receipt. You can also delete the fuel receipt by tapping the

Delete button.

2. **Deleting a Fuel Receipt**

a. Tap the **Delete** button of a specific fuel receipt.

b. A message dialog will prompt asking for a confirmation either you want to successfully delete the fuel receipt or not.



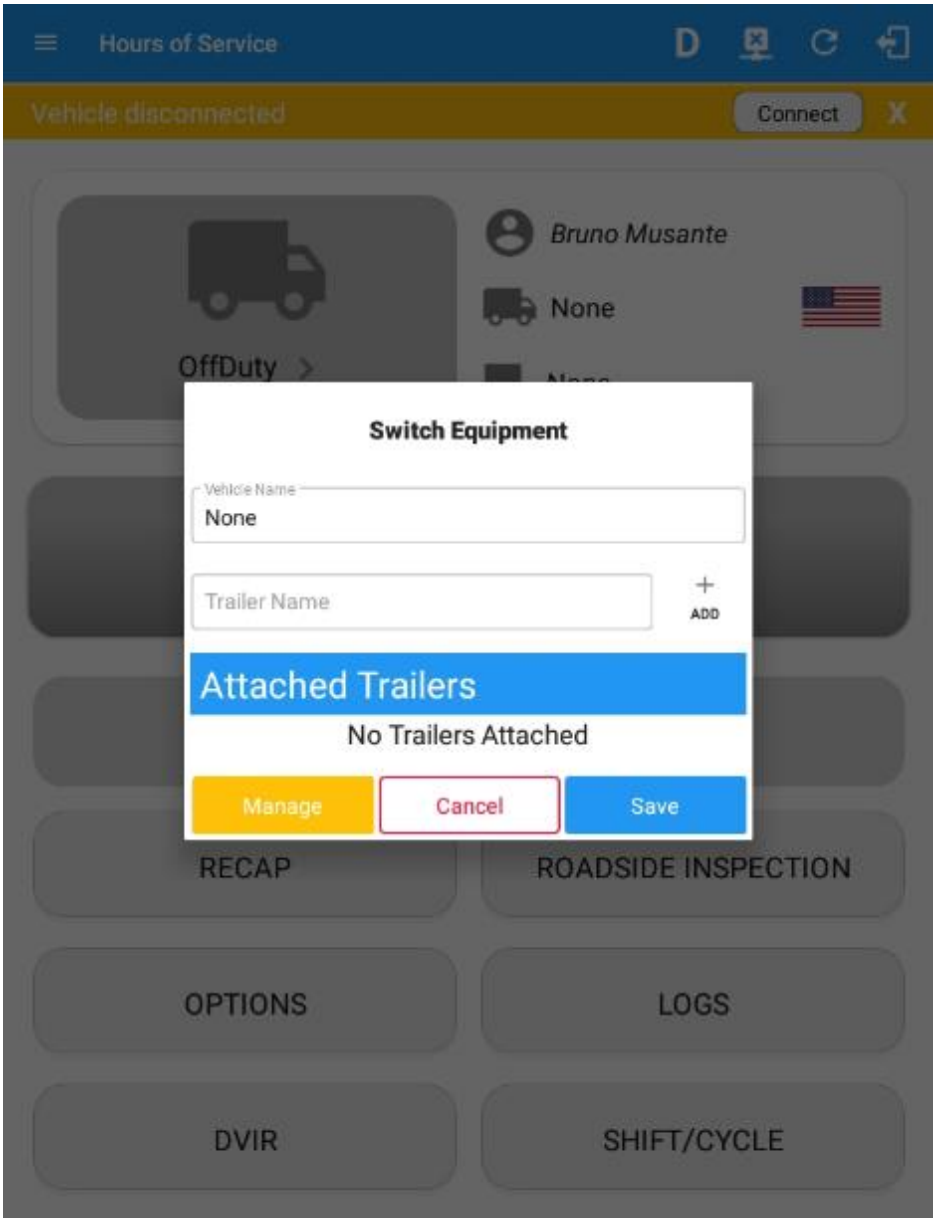
c. Tap the **Yes** button to successfully delete the fuel receipt. You can also tap the **No** button to cancel deleting the fuel receipt.

Preferences/Settings Menu

This is where the basic driver, vehicle, carrier and shipping data is entered and stored. The identification data stored here is then used by the HOS app, web portal and in the Driver's Daily Log report.

After Logging In to the HOS app For The First Time

When the app is used for the first time, the driver is taken directly to the Main Dashboard after which a **Select Equipment dialog** box will be displayed. It will continue to display until the user chooses a specified vehicle and trailer(s) to use. User can select option 'None' to use the app without selecting a vehicle.



If you are logging in to the device you have logged in to before, the driver can login and logout successfully to the app when an internet connection is not available.

Using the Hours of Service Settings Module At Any Time

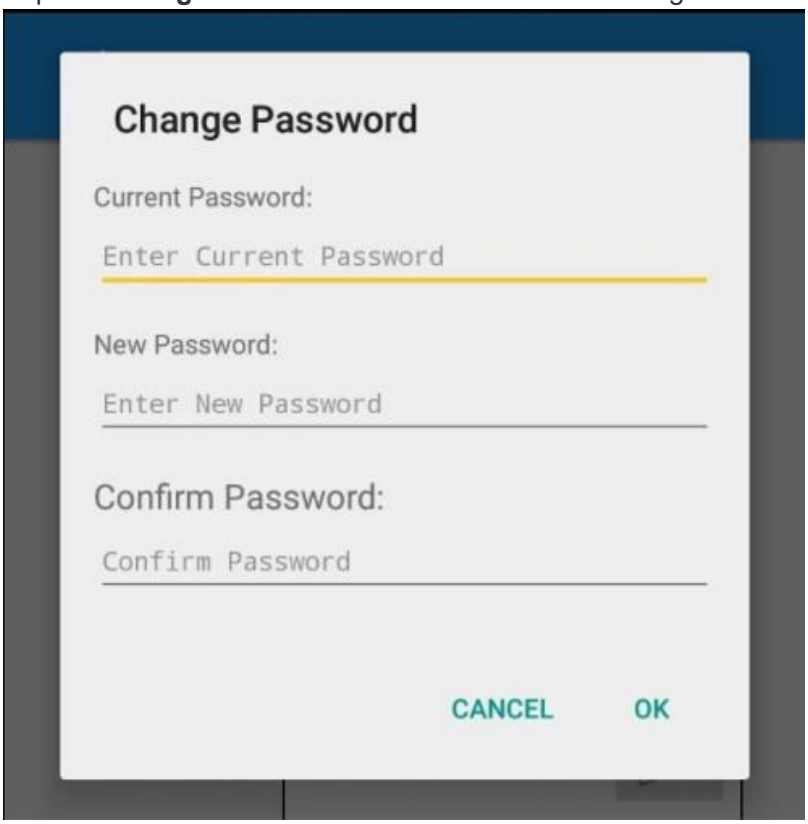
The HOS app's user can view the Driver Information and update his/her password and signature:

1. **Viewing the Driver Information**

Note: The email cannot be updated. This is only available for view after setting it up after initial login.

2. **Changing the Driver's password**

a. Tap the **Change Password** button to launch the dialog



b. Tap the **Ok** button to save your changes

Capturing the Driver' Signature

The HOS app can capture the signature of the driver which is used for digitally certifying a log.

1. The Driver Information section of the screen will be displayed along with any signature that has been created for the driver. Tap on the **Create/Update Signature** button.

2. Create/Update your signature in the HOS app by using your finger to create your signature.

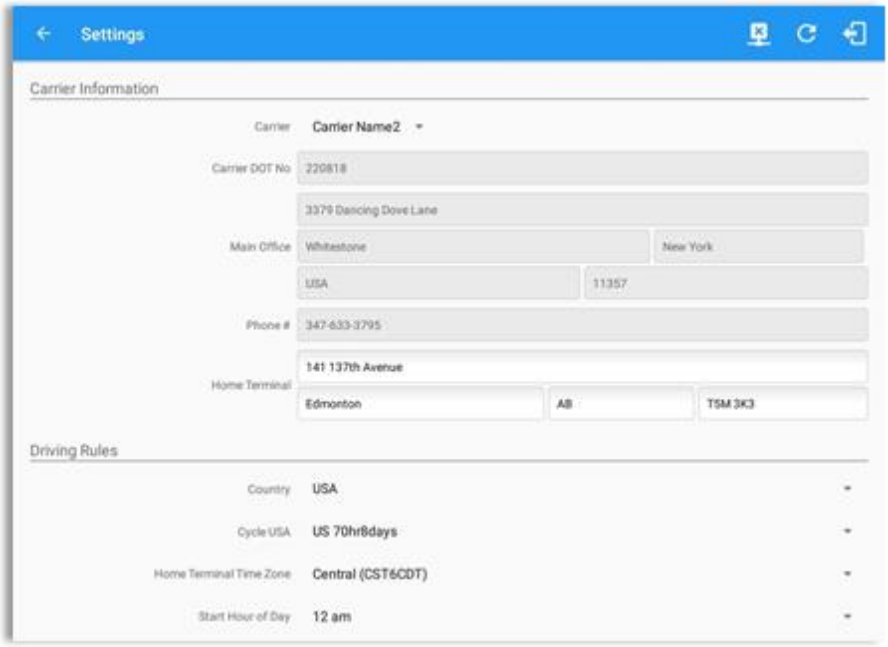
3. Tap the **Done** button to save your signature. You can also select the **Clear** button to clear the captured signature and start again.

Customizing the Carrier Information

The ***Carrier Information*** can be set in this section. Fill in the following fields to set the carrier information required by the HOS app:

1. **Carrier**
    a. Carrier
    b. Carrier DOT No.
    c. Street
    d. City
    e. State
    f. Zip
2. **Phone Number**
3. **Home Terminal**
    a. Street
    b. City
    c. State

d. Zip



Enter details for the following:

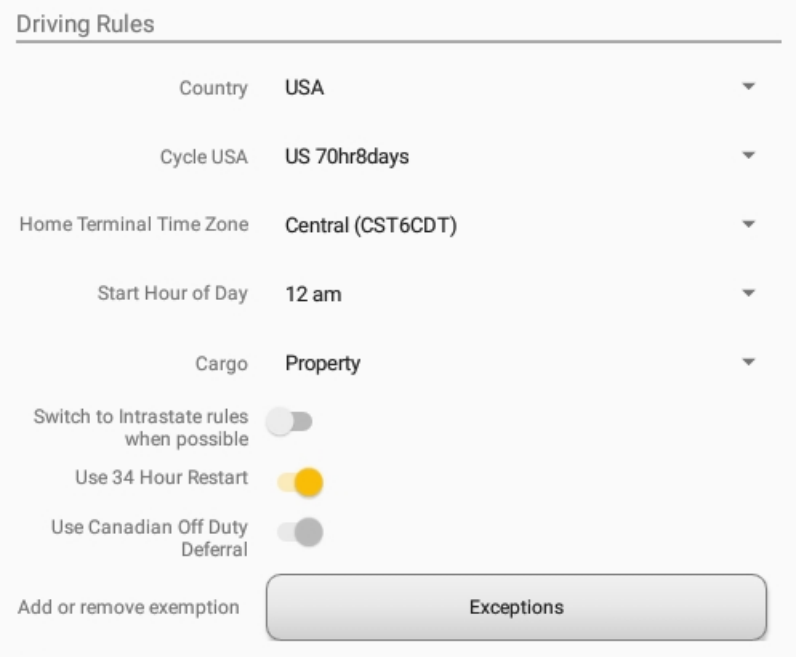
Carrier Name
Carrier DOT Number
Main Office Address
Phone Number
Home Terminal Details of the driver

Note: Drivers have the ability to select a Carrier on the mobile device when the Account enabled the ' *Allow driver editing of carrier information*' which can be seen in the portal->settings->account settings under Carrier Information and enabled the '*Allow carrier change*' in the portal->settings->drivers then edit the selected driver.

Driving Rules

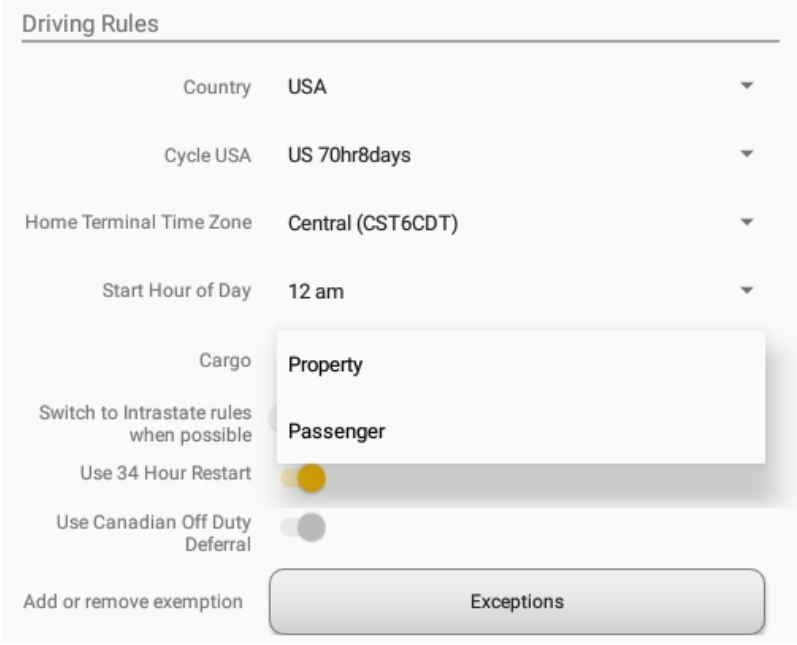
This is where you change the HOS rules or the Federal Motor Carrier Safety Administration's (FMCSA) regulations that govern the hours that a commercial vehicle driver can legally accumulate driving or being on duty for a motor carrier in a working day and week. This is where you also apply the HOS rules exceptions. Select the HOS rules that you would like the HOS app to use in the appropriate drop-down list. You can customize cycle, cargo, exceptions and time zone rules.

The driving rules can also be set from within the Hours of Service section (***main navigation hamburger > Settings > Hours of Service***). You can scroll the screen down to the ***Driving Rules*** section:



Select the appropriate HOS rules that you would like the app to use from the drop-down list. You can customize the region, cycle, cargo, exceptions and time zone rules

1. **Cargo** - this will set the applicable HOS rules for property-carrying or passenger-carrying commercial vehicles.
   <u>Available Cargo Rules Options:</u>
   a. Property: the 11 and 14 hours rule will then apply
   b. Passenger: the 10 and 15 hours rule will then be used by the HOS app



Either of the above cargo rules can be applied by selecting the appropriate rule from the drop down

Cycle - this is where you set the consecutive multi-day duty period which the driver will follow. Choosing a cycle will take into effect the corresponding legal limitations on the hours that can be used by the driver in a 7-day or 8-day working cycle. The cycle changes depending on the Country selected. Also, the cycle being used is included in the driver's Certified Logs.

Available USA Cycle Rules Options:

	Cycle	Shift Limit	Drive Limit	Until Break	Break Left
US60hr7days	7 days	14 hours	11 hours	8 hours	30 minutes
US70hr8days	8 days	14 hours	11 hours	8 hours	30 minutes
Alaska70hr7days	7 days	20 hours	15 hours	8 hours	30 minutes
Alaska80hr8days	8 days	20 hours	15 hours	8 hours	30 minutes
California80hr8days	8 days	16 hours	12 hours	N/A	N/A

Intrastate Cycle Rules

	Cycle	Shift Limit	Drive Limit	Break Limit
Alabama60hr7days	7 days	15 hours	10 hours	N/A
Alabama 70hr8days	8 days	15 hours	10 hours	N/A

Florida 70hr7days	7 days	16 hours	12 hours	N/A
Florida 80hr8days	8 days	16 hours	12 hours	N/A
Illinois 60hr7days	7 days	14 hours	11 hours	N/A
Illinois 70hr8days	8 days	14 hours	11 hours	N/A
Maryland 70hr7days	7 days	16 hours	12 hours	N/A
Maryland 80hr8days	8 days	16 hours	12 hours	N/A
Massachusetts 60hr7days	8 days	14 hours	11 hours	N/A
Massachusetts 70hr8days	8 days	14 hours	11 hours	N/A
Michigan 60hr7days	7 days	14 hours	11 hours	30 minutes
Michigan 70hr8days	7 days	14 hours	11 hours	30 minutes
New Hampshire 60hr7days	7 days	14 hours	11 hours	N/A
New Hampshire 70hr8days	8 days	14 hours	11 hours	N/A

New York 60hr7days	7 days	14 hours	11 hours	N/A
New York 70hr8days	8 days	14 hours	11 hours	N/A
North Carolina 70hr7days	7 days	16 hours	12 hours	N/A
North Carolina 80hr8days	8 days	16 hours	12 hours	N/A
North Dakota 70hr7days	7 days	16 hours	12 hours	N/A
Pennsylvania 60hr7days	7 days	14 hours	11 hours	N/A
Pennsylvania 70hr8days	8 days	14 hours	11 hours	N/A
South Carolina 70hr7days	7 days	16 hours	12 hours	N/A
South Carolina 80hr8days	8 days	16 hours	12 hours	N/A
Tennessee 60hr7days	7 days	14 hours	11 hours	N/A
Tennessee 70hr8days	8 days	14 hours	11 hours	N/A
Texas 70hr7days	7 days	15 hours	12 hours	N/A

Wisconsin 70hr7days	70 days	16 hours	12 hours	30 minutes
Wisconsin 80hr8days	80 days	16 hours	12 hours	30 minutes
Vermont 60hr8days	7 days	14 hours	11 hours	N/A
Vermont 70hrs8days	8 days	14 hours	11 hours	N/A
Virginia 70hr7days	7 days	16 hours	12 hours	N/A
Virginia 80hr8days	8 days	16 hours	12 hours	N/A

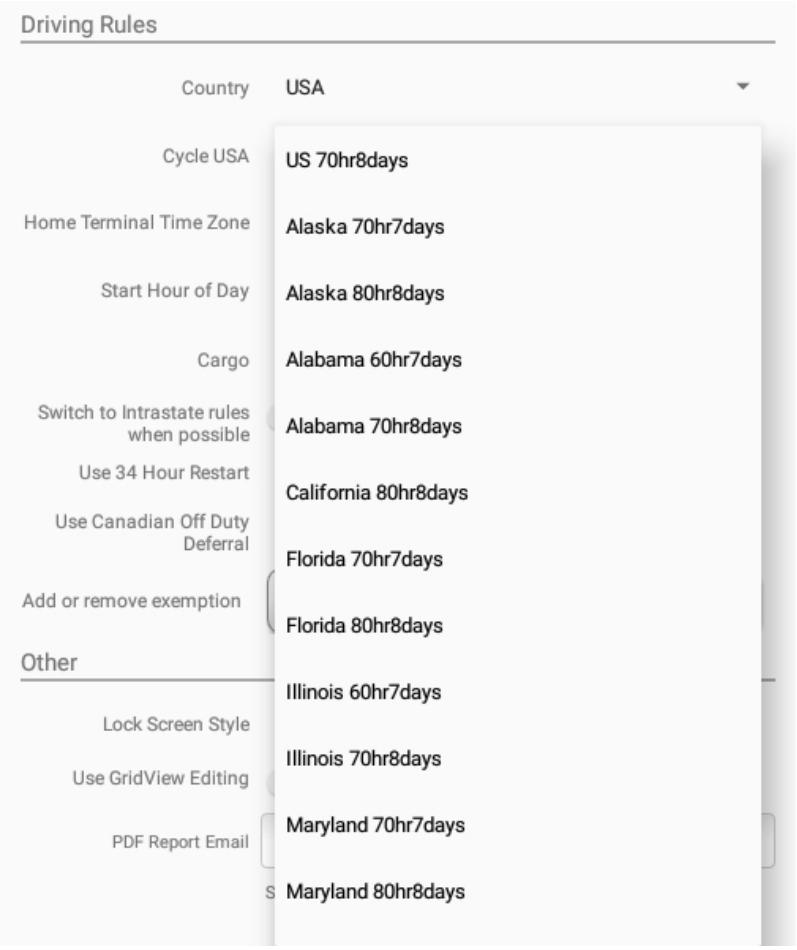
Canada Cycle Rules

	Cycle	Shift Limit	Drive Limit	Break Limit
Canada 70hr7days South	7 days	16 hours	13 hours	N/A
Canada 120hr14days South	7 days	16 hours	13 hours	N/A
Canada 80hr7days North	7 days	20 hours	15 hours	N/A

Canada 120hr14days North	7 days	20 hours	15 hours	N/A
Alberta Province	N/A	15 hours	13 hours	30 minutes

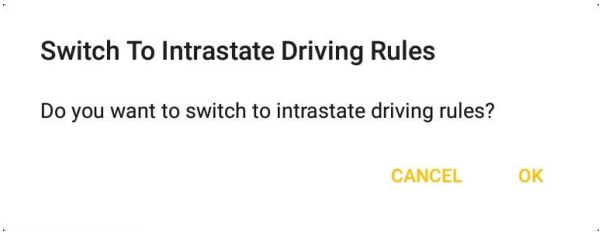
Alberta Province:

- Break:
  - for a period of time of up to 4 consecutive hours if at the conclusion of driving for that period of time the driver takes at least 10 consecutive minutes off duty or of non-driving time, or
  - for a period of time that exceeds that permitted under clause (a) but does not exceed 6 consecutive hours if at the conclusion of driving for that period of time the driver takes at least 30 consecutive minutes off duty or of non-driving time.

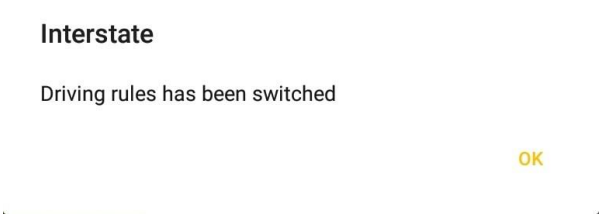


Any of the above cycle rules are depending on the region selected and can be applied given the appropriate rule from the region drop down list

1. **Perform Intrastate Check** - when enabled, the app checks when connecting to the VBUS device if the driver has been in the same state for the last 7 or 8 days (depending on the cycle). If so, a dialog will appear providing an option to go to **Intrastate Driving Rules**.



In addition to **Intrastate Check**, the app also automatically checks and switches to **Interstate Driving Rules** every time the driver crosses a state line and is in Intrastate mode.



2. **Exceptions** button - tap on this button

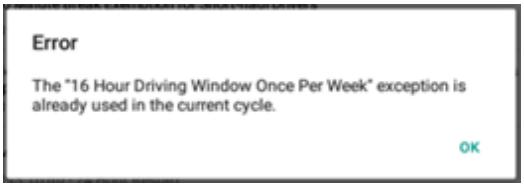
to open up the Add Exception dialog.
3. **Add Exception** dialog - the options that will appear here will allow the driver to avail of exceptions from the HOS rules for as long as certain conditions are met as stipulated in the Hours of Service section of the Code of Federal Regulations (49 CFR Part 395.1 - Hours of Service of Drivers - Scope of rules in this part) and other pertinent FMCSA regulations. Tap on the **OK** button to apply your exception/s. You can also select the **Cancel** button to disregard the changes you made.

<u>Available US Exception Options:</u>

a. Relief from Driving rules for State of Emergency – 390.23
b. 2 Hour Driving Extension for Adverse Driving Conditions – 395.1(a)(1)
c. Relief from all driving rules for Emergency Conditions – 395.1(b)(2)
d. Driver-salesperson whose total driving time does not exceed 40 hours in any period of 7 consecutive days
e. Oilfield Operations with 24 hour restart – 395.1(d)
f. 30 Minute Break Exemption for Short-haul Drivers (14 hour shift) – 395.1(e)(1)
g. No Logs for CDL Short-haul Drivers operating within 100 air miles (12-hour shift)
h. No Logs for Short-haul Asphalt, Ready-Mixed Concrete Drivers or Non-CDL-Drivers operating within 150 air miles (14-hour shift)
i. No Logs for Agricultural Operations – 395.1(k)
j. 24 Hour Restart for Construction, Groundwater well-drilling – 395.1(l)(m)
k. Relief from All Driving Rules for Utility Service Vehicle – 395.1(n)

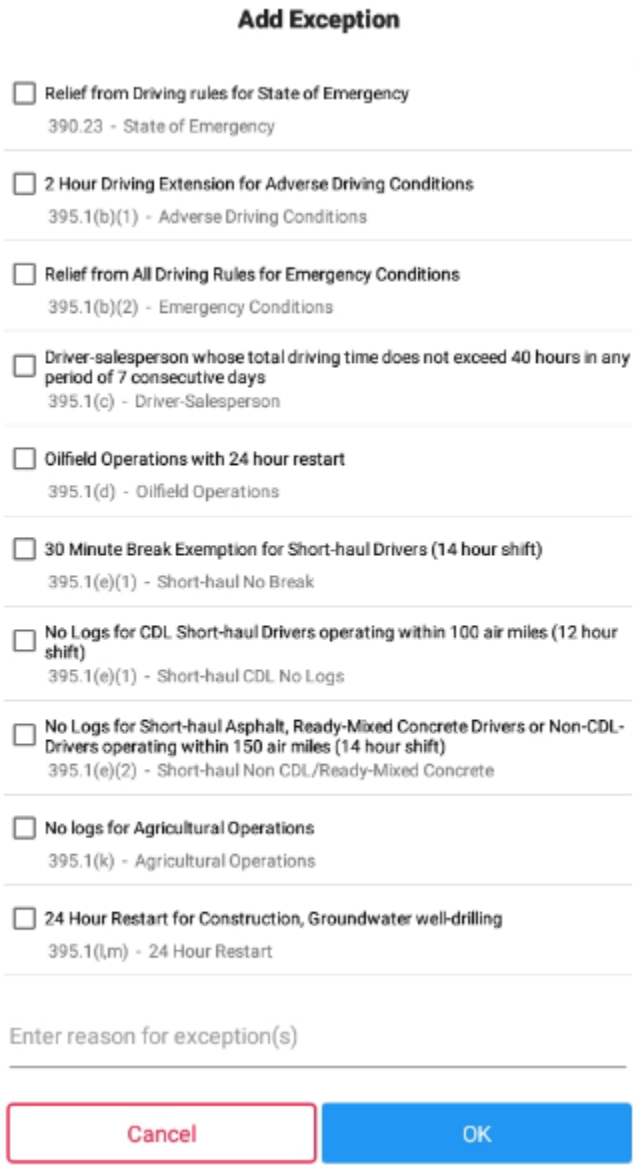
l. 16 Hour Driving Windows – 395.1(o)

***Note**: '16 Hour Work Shift Once Per Week' exception can only be used once for the last 7 days or in every 70hr cycle, if the driver attempted to enable the exception an error dialog will display stating the following:*



However, it is possible for the driver to add another '16 Hour Work Shift Once Per Week' exception when a cycle reset has occurred. Nevertheless, the driver will need to wait for the current cycle to end to be able to add the exception again.

- 30 Minute in-attendance break for HazMat drivers – 395.1(q)
- 30 Minute OnDuty break for Asphalt drivers
- 30 Minute Break Exemption for Commercial Bees, Livestock Transportation – 395.1(u,v)
- Hi-rail 2 hour travel exclusion – 395.1(w)
- 30 Minute Break Exemption for Oversize/Overweight Loads – 395.3(a)(3)(ii)
- 30 Minute Break Exemption for Petroleum Tank Drivers – FR Vol83No68
- No Logs for Non Commercial Motor Vehicle

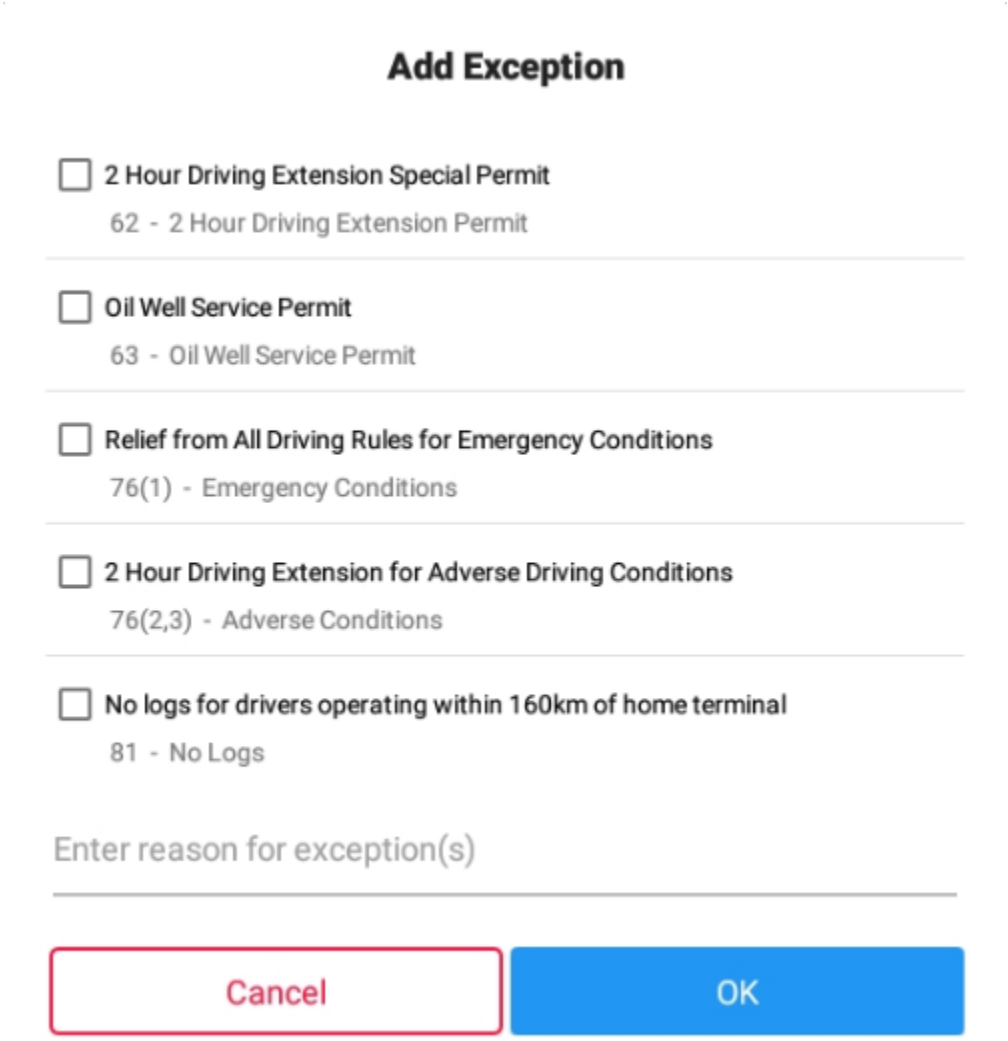


Select the appropriate exception from the list; you must then enter a reason for applying the exception in the Enter reason for exception(s) field. Once complete, select the OK option to apply the selected exception

***Note**: Exceptions are different depending on the Region selected.*

1. **<u>Available Canada Exception Options:</u>**
    a. 2 Hour Driving Extension Special Permit – Section 62
    b. Oil Well Service Permit – Section 63
    c. CanEmergency Conditions – Section 76(1)
    d. Relief from all Driving Rules for Emergency Conditions – Section 76(2,3)

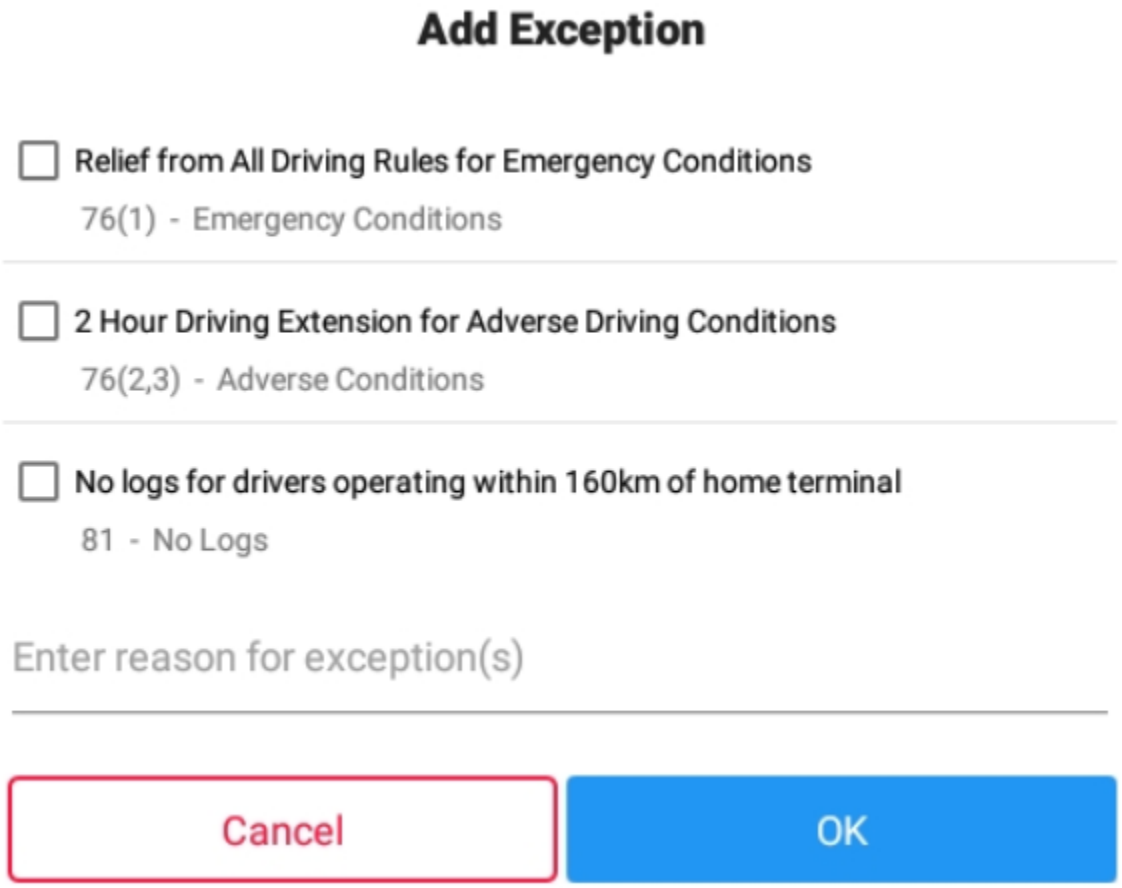
e. No Logs for drivers operating within 160km of home terminal – Section 81



Available Alberta Exception Options:

f. Relief from All Driving Rules for Emergency Conditions– Section 76(1)
g. 2 Hour Driving Extension for Adverse Driving Conditions – Section 76(2,3)

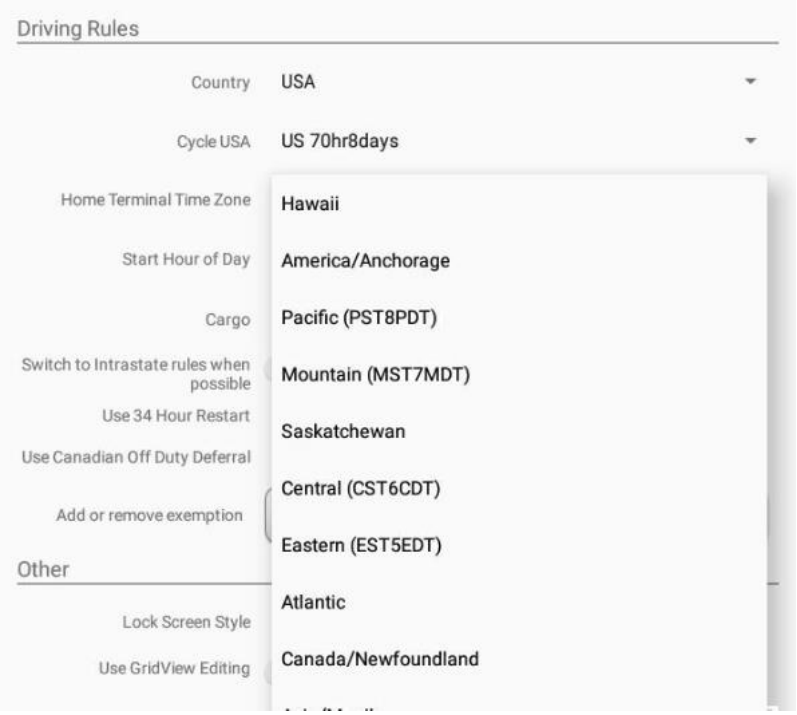
h. No Logs for drivers operating within 160km of home terminal – Section 81



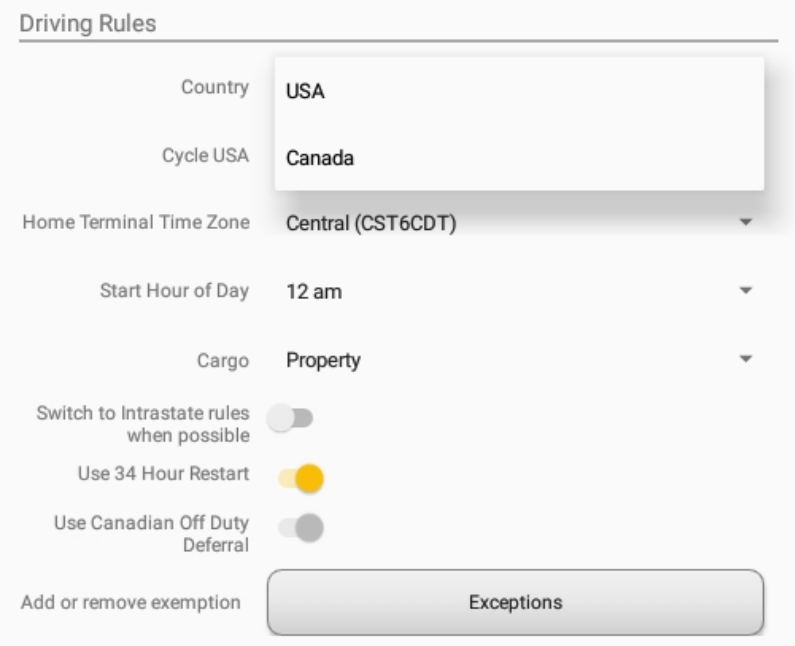
Note: *Exceptions differ by Country*

2. **Reason for Exceptions** - this is where you input the reason for applying the exception.
3. **Time Zone** - this sets the time zone to be used by the HOS app.
   Available Time Zone Options:
   Select the driver's Home Terminal time zone. Time zones available are:

   a. Eastern Time (EST5EDT)
   b. Central Time (CST6CDT)
   c. Mountain Time (MST7MDT)
   d. Pacific Time (PST8PDT)
   e. Canada/Newfoundland
   f. Atlantic
   g. America/Anchorage
   h. Asia/Manila
   i. Hawaii
   j. Saskatchewan



4. **Start Hour of Day** - these option enables the motor carrier to set an hour to start their day. By default the time is set to 12AM. Whenever the time is changed the Start Hour Time in the daily logs grid chart also changes.
5. **Country** - these option enables you to set the country in which you're located. The list displayed in the cycle is based on the country selected.

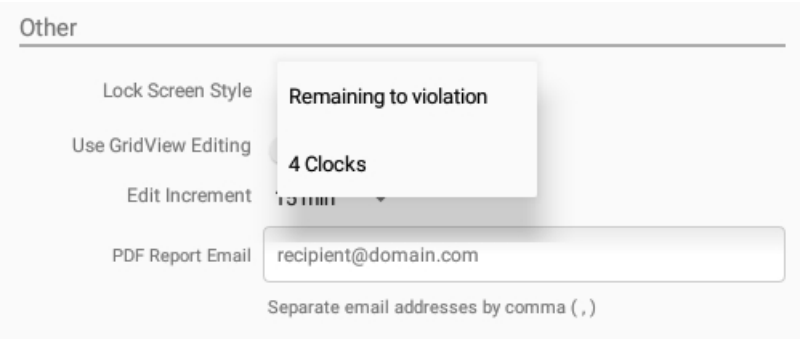


Note: When the Country is in US, you can enable/disable the **34 Hour Cycle Reset**. The Cycle Reset status is shown on the Driver's Daily Logs.

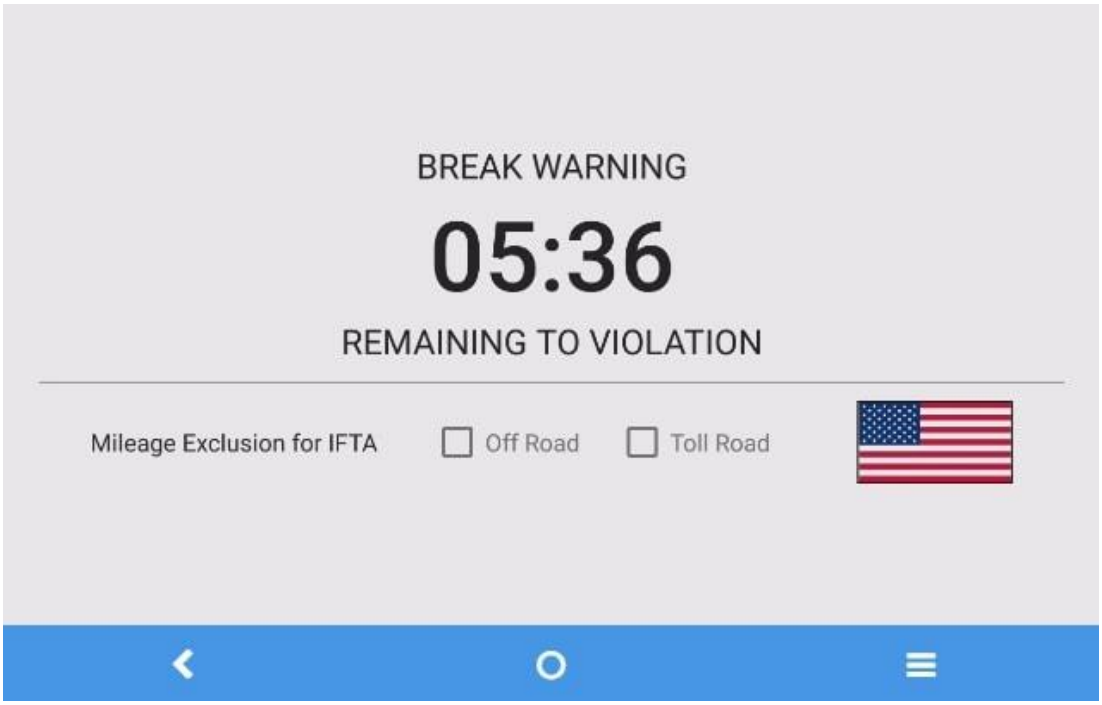
Lock Screen Style

When a vehicle is determined to be moving via VBUS data, the HOS app's screen locks and displays a lock screen. Tapping the screen doesn't perform any action until the vehicle is stopped. The lock screen also allows the driver to create **Off Road** and **Toll Road** Remarks to indicate that the vehicle has begun driving in an off road or a toll road or has returned on a normal road.

- **Lock Screen Style:** Select a style of screen to be displayed when the lock screen is displayed.
    - **Remaining to Violation** - displays a screen indicating the remaining time until the next violation.
    - **4 Clocks** - displays a screen with four clocks displaying the Drive time left, Shift time left, Cycle time left and Time Until Break. The clocks are similar to the clocks displayed upon tapping the Time Remaining button in the Main Dashboard.



If there is a logged in Co-Driver, it is possible for him/her to view the logs and access the application, but with a very limited conditions. This can be done by tapping the **Access Co-Driver Logs** button at the bottom to display the co-driver login screen. This button acts the same way as accessing the logs from the **Time Remaining** button from the Main Dashboard. Below is a lock screen with **Remaining to Violation** style with a flag indicating the current ruleset in use.



Notes:

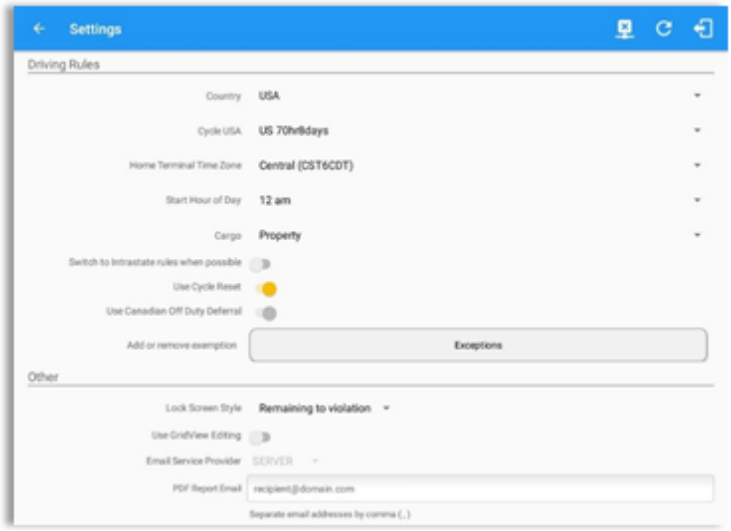
- The vehicle movement is determined by the **Movement Speed Threshold** which is set to **5 Mi/hour**. The Vehicle is considered moving when travelling over this speed according to the FMCSA regulations.
- For vehicle in **AOBRD** mode, speed threshold settings is dependent on what is set on the portal->account settings. The default value is 100 Mph/Kph. (For example: When the set AOBRD Speed Threshold is 100 Mph/Kph, lock screen will be shown and the app will be in driving state once the vehicle speed threshold reached to 100 mi/hour)
- Also, drivers have the ability to set speed threshold on the app->Vehicle Data Settings->AOBRD Speed Threshold only if the driver is allowed. To allow a specific driver, enable the option which can be seen in portal->Drivers Management Page->Set AOBRD Speed Threshold option.

Use Grid View Editing

he user has the ability to use grid view editing. Once enabled, user can also set the edit increment time. (See Section 5.2.12 Edit a Log)

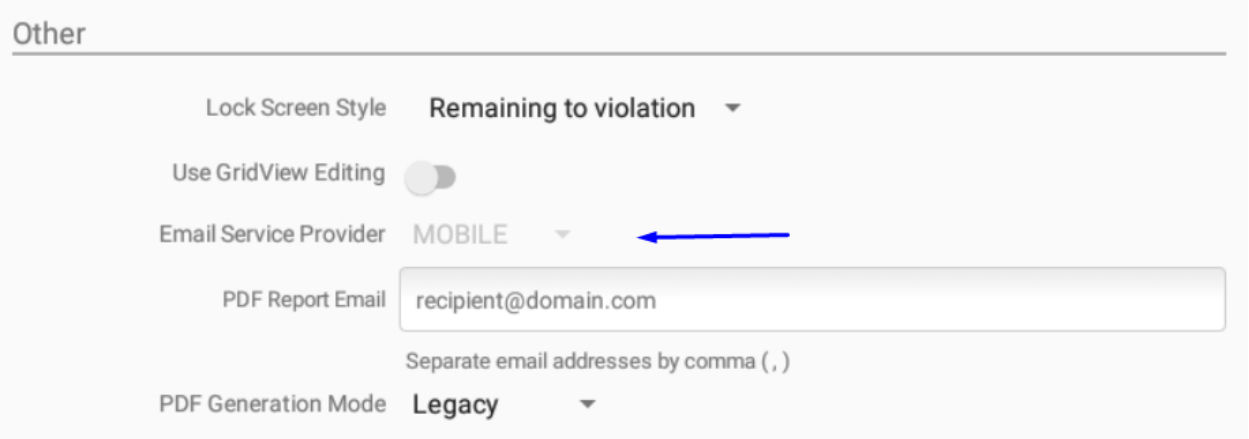
Display Street Address

Display Street address option will allow drivers to select where to get the location if it is the actual location or the nearest city with 5,000 population when in AOBRD mode. The option will only display for drivers that have permission which is set by the personnel in the portal->Account Settings under App Controls > 'Display Street Address for AOBRD mode'.



Email Sender

Email Sender option allows the driver to specify email sender when drivers' need to send certified log PDF and DVIR report PDF. There are (2) two email sender options: App or Server. This setting can be changed on the portal -> account settings under App Controls -> Email Sender

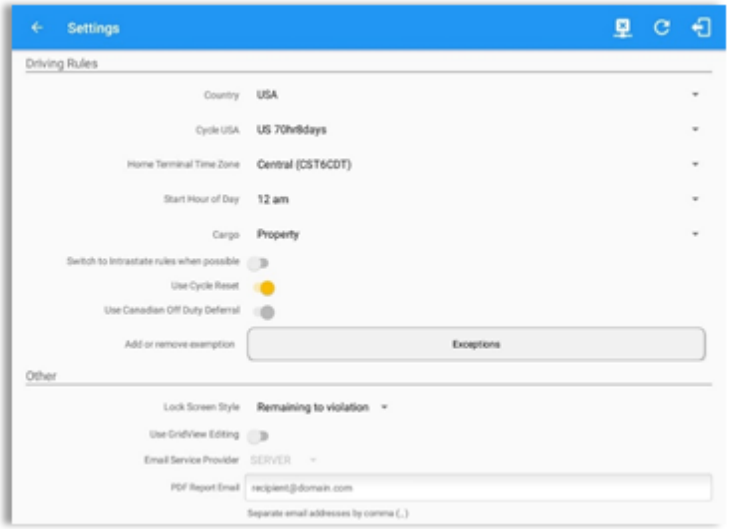


PDF Report Email Recipients

You can set the default recipients of your Driver's Daily Log PDF report in this part of the Settings Menu.

Enter the email address or addresses that will become a recipient or recipients of the Hours of Service app's Daily Driver Log PDF report.

The email addresses must be separated by a comma (,)

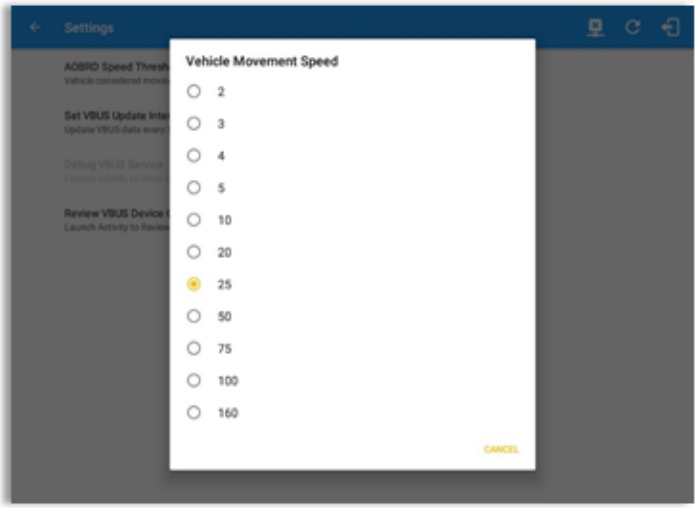


AOBRD Speed Threshold

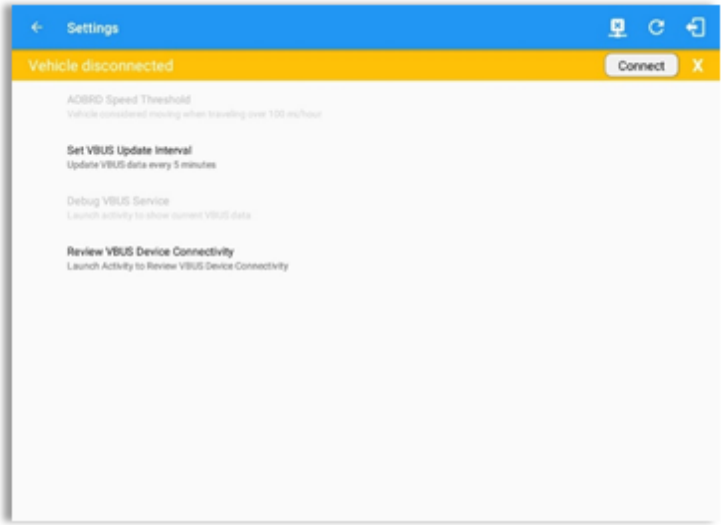
For vehicle in AOBRD mode, speed threshold setting is dependent on what is set on the portal->account settings under App Controls ->AOBRD Speed Threshold. The default value is 100 Mph/Kph. (For example: When the set AOBRD Speed Threshold is 100 Mph/Kph, lock screen will be shown and the app will be in driving state once the vehicle speed threshold reached to 100 mi/hour)

The AOBRD speed threshold can also be set from within the Vehicle Data Settings section (**main navigation hamburger > Settings > Vehicle Data Settings > AOBRD Speed Threshold**).

AOBRD Speed Threshold option is only enabled when a specific driver is allowed by the personnel to set speed threshold on app. Go to Drivers management page > Create/Edit dialog > and enable **Set AOBRD Speed Threshold.**

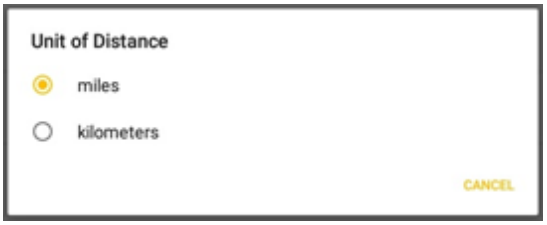


If ***Set AOBRD Speed Threshold*** option is disabled on drivers' settings, then driver is not allowed to set AOBRD threshold on app.



Unit of Distance

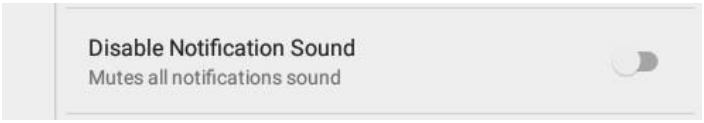
Setting the default unit of measures.



Disabling Notification Sound

The application has a Mute button to silence all sounds that could come from the application. Also, ELD rules state that all application sounds should be muted during Sleeper status. However, the mobile device should not be muted so that sound will be available for phone calls. Therefore, the application sound should be muted without muting the device sound by following the steps:

1. Go to Settings
2. Tap on **Device**
3. Check on **Disable Notification Sound**

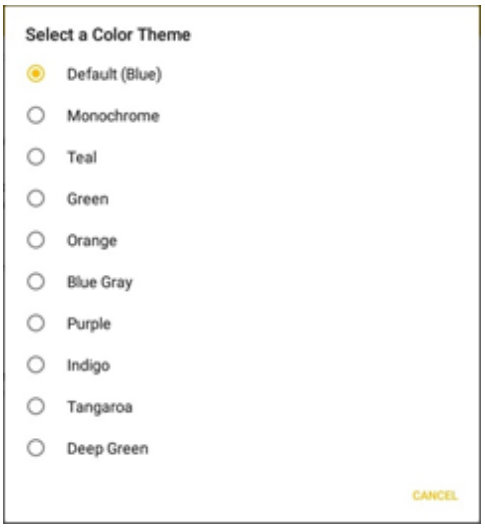


Note:

- When the current status is Sleeper Berth, it automatically mutes the application sound
- Application sounds include: Work Order Notifications, Alerts, VBUS connection and disconnection sounds

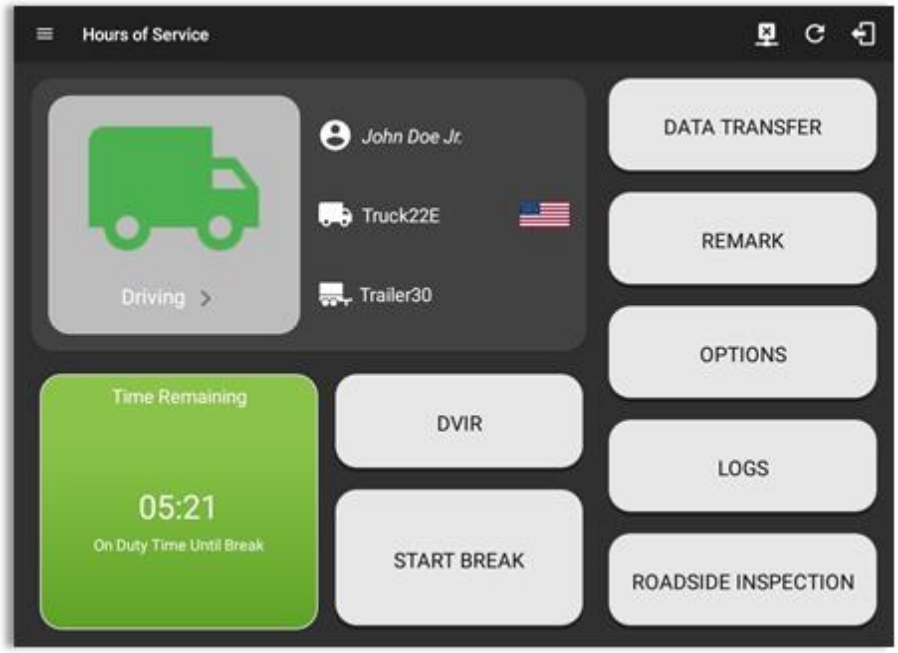
Color Theme

Displays option for selecting Color Theme.



Night Theme

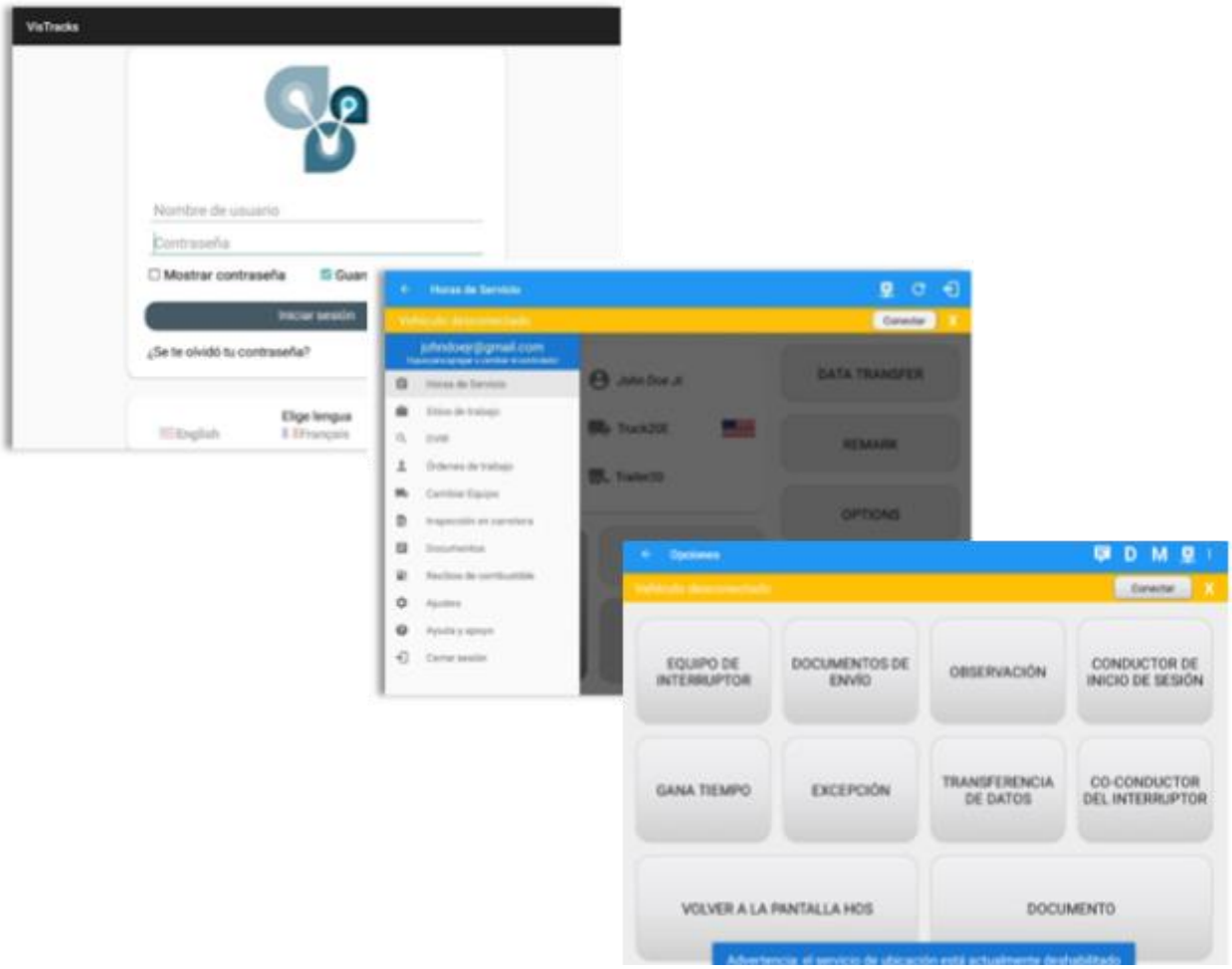
By default, the application automatically changes to a night theme based on the sunset time calculated from the device's location. If location is not available, the local time of the device is used.



Language Support

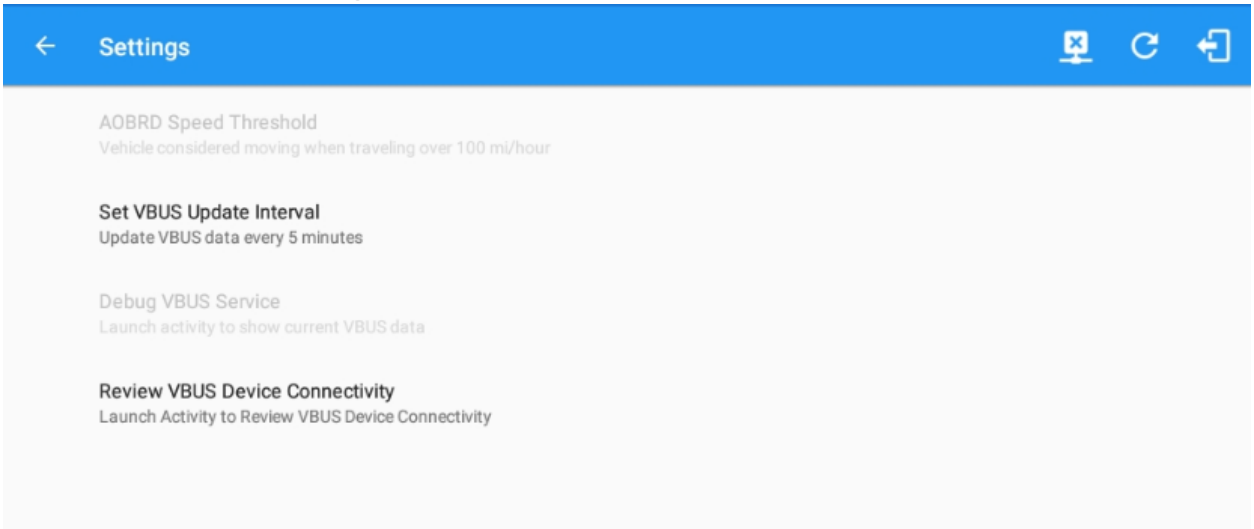
The application supports language translation for English, French-Canadian (Francais (Canada)) and Spanish (Español (Estados Unidos)).

To enable the desired translation, select the supported language located below the Login button and the translation will take effect immediately.



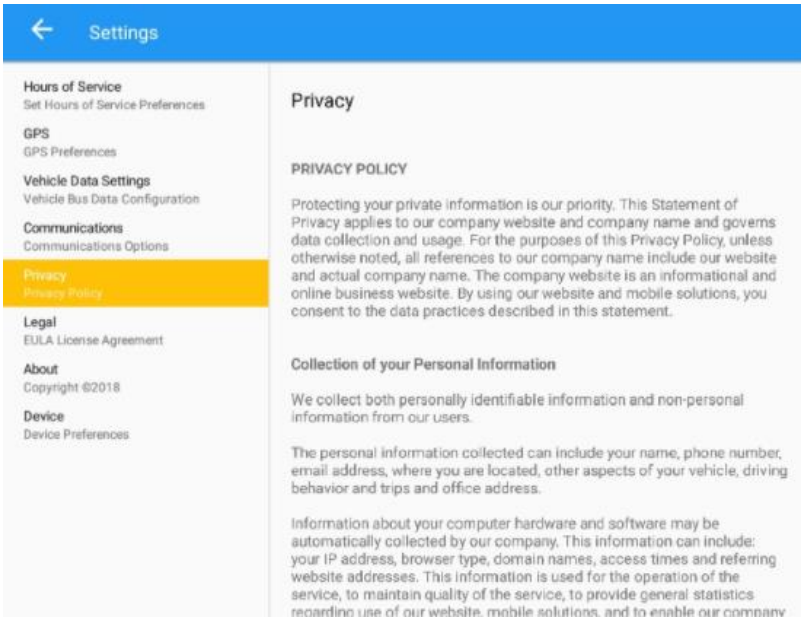
Vehicle Data Settings

1. Go to **Settings** (swipe left to open the drawer)
2. Tap on **Vehicle Data Settings**



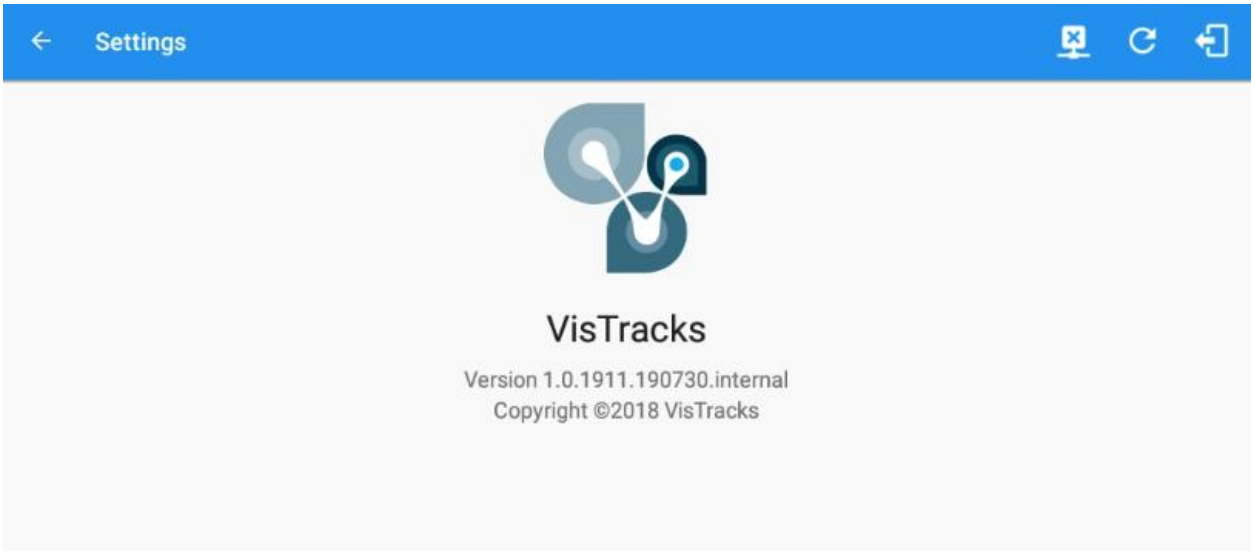
Privacy

- This screen displays the Privacy Screen



About

- This screen displays some of the necessary data about the application which includes the Brand, Build and Version numbers.



Android Device Settings

- The Application supports language translation for **French-Canadian** ***(Francais (Canada))*** and **Spanish** ***(Español (Estados Unidos))***. Setting up the language for the device will affect the app language. This is only applied to fixed labels and buttons.
- Go to Android Device Settings > Language and Inputs > Language.

- Select any of the three languages.

Malfunction and Data Diagnostic Events

Malfunction Events

Requirement No.	Event Code	Event Name	Description
4.6.1.1	P / Power MF	Power Malfunction	An ELD must set a power compliance malfunction if the power data diagnostics event described in paragraph 4.6.1.1(a) of this appendix indicates an aggregated in-motion driving time understatement of 30 minutes or more on the ELD over a 24-hour period across all driver profiles, including the unidentified driver profile.
4.6.1.2	E / Sync MF	Engine Synchronization Malfunction	An ELD must set an engine synchronization compliance malfunction if connectivity to any of the required data sources specified in section 4.3.1 of this 87 appendix is lost for more than 30 minutesduring a 24-hour period aggregated across all driver profiles, including the unidentified driver profile.

4.6.1.3	T / Timing MF	Timing Malfunction	The ELD must periodically cross-check its compliance with the requirement specified in section 4.3.1.5 of this appendix with respect to an accurate external UTC source and must record a timing compliance malfunction when it can no longer meet the underlying compliance requirement.
4.6.1.4	L / Pos MF	Position Malfunction	ELD records requiring location information must use the last valid position measurement and include the latitude/longitudecoordinates and distance traveled, in miles, since the last valid position measurement. An ELD must monitor elapsed time during periods when the ELD fails to acquire a valid position measurement within 5 miles of the CMV's movement. When such elapsed time exceeds a cumulative 60 minutes over a 24 hour period, the ELD must set and record a positioning compliance malfunction.
4.6.1.5	R / DR MF	Data Recording Malfunction	An ELD must monitor its storage capacity and integrity and must detect a data recording compliance malfunction if it can no longer record or retain required events or retrieve recorded logs that are not otherwise catalogued remotely by the motor carrier.
4.6.1.7	S / Trans MF	Data Transfer Malfunction	(a) An ELD must implement in-service monitoring functions to verify that the data transfer mechanism(s) described in section 4.9.1 of this appendix are continuing to function properly. An ELD must verify this functionality at least once every 7 days. These monitoring functions may be automatic or may involve manual steps for a driver. (c) After an ELD records a data transfer data diagnostic event, the ELD must increase the frequency of the monitoring function to check at least once every 24-hour period. If the ELD stays in the unconfirmed data transfer mode following the next three 90 consecutive monitoring checks, the ELD must detect a data transfer compliance malfunction.
4.1.6.8	O / Other MF	Other Malfunction	In addition to the required monitoring schemes described in sections 4.6.1.1– 4.6.1.7 of this appendix, the ELD provider may implement additional, technology-specific malfunction and data diagnostic detection schemes and may use the ELD's malfunction status indicator and data diagnostic status indicator (described in sections 4.6.2.1 and 4.6.3.1) to communicate the

			ELD’s malfunction or non-compliant state to the operator(s) of the ELD.

Data Diagnostic Events

Requirement No.	Event Code	Event Name	Description
4.6.1.1	1/Pwd Diag	Power Diagnostic	An ELD must monitor data it receives from the engine ECM or alternative sources as allowed in sections 4.3.1.1-4.3.1.4 of this appendix, its onboard sensors, and data record history to identify instances when it may not have complied with the power requirements specified in section 4.3.1.1, in which case, the ELD must record a power data diagnostics event for the corresponding driver(s), or under the unidentified driver profile if no drivers were authenticated at the time of detection.
4.6.1.2	2/Sync Diag	Engine Synchronization Diagnostic	An ELD required to establish a link to the engine ECM as described in section 4.2 must monitor its connectivity to the engine ECM and its ability to retrieve the vehicle parameters described under section 4.3.1 of this appendix and must record an engine-synchronization data diagnostics event when it no longer can acquire updated values for the ELD parameters required for records within 5 seconds of the need.

4.1.6.4 (d)	3 / Miss Diag	Missing Data Elements Diagnostic	If a new ELD event must be recorded at an instance when the ELD had failed to acquire a valid position measurement within the most recent elapsed 5 miles of driving, but the ELD has not yet set a positioning compliance malfunction, the ELD must record the character “X” in both the latitude and longitude fields, unless location is 88 entered manually by the driver, in which case it must log the character “M” instead. Under the circumstances listed in this paragraph, if the ELD event is due to a change in duty status for the driver, the ELD must prompt the driver to enter location manually in accordance with section 4.3.2.7 of this appendix. If the driver does notenter the location information and the vehicle is in motion, the ELD must record a missing required data element data diagnostic event for the driver.
4.1.6.7	4 / Tran Diag	Data Transfer Diagnostic	(b) If the monitoring mechanism fails to confirm proper in-service operation of the data transfer mechanism(s), an ELD must record a data transfer data diagnostic event and enter an unconfirmed data transfer mode.
4.6.1.6	5 / Unid	Unidentified Driver DIagnostic	(b) If more than 30 minutes of driving in a 24-hour period show unidentified driver on the ELD, the ELD must detect and record an unidentified driving records data diagnostic event and the data diagnostic indicator must be turned on for all drivers logged in to that ELD for the current 24-hour period and the following 7 days. (c) An unidentified driving records data diagnostic event can be cleared by the ELD when driving time logged under the

	Diag		unidentified driver profile for the current 24-hour period and the previous 7 consecutive days drops to 15 minutes or less.
4.1.6.8	6/Other Diag	Other Diagnostic	In addition to the required monitoring schemes described in sections 4.6.1.1– 4.6.1.7 of this appendix, the ELD provider may implement additional, technology-specific malfunction and data diagnostic detection schemes and may use the ELD's malfunction status indicator and data diagnostic status indicator (described in sections 4.6.2.1 and 4.6.3.1) to communicate the ELD's malfunction or non-compliant state to the operator(s) of the ELD.

Actions for Malfunction & Data Diagnostic Events

Carrier responsibilities regarding malfunctions:

- Provide drivers with an instruction sheet describing the various ELD malfunction events and recordkeeping procedures (395.22)
- Provide drivers with a supply of 8 days' worth of blank paper driver records (395.22)
- Repair, replacement, or service
    - Motor carrier must correct the malfunction of the ELD within 8 days of discovery of the condition or a driver's notification to the motor carrier, whichever occurs first (395.34)

Record keeping responsibilities by the driver:

- Malfunction events
    - Note the ELD malfunction and provide carrier with written notice within 24hrs (395.34)
    - Reconstruct driving events for the current 24hr period and previous 7 consecutive days using paper logs (unless they can be retrieved from the ELD) (395.34)
    - Continue to manually prepare driving logs until ELD is serviced and brought back into compliance (395.34)
    - During inspections which take place when a malfunction has occurred: provide safety official with manually kept driver logs (395.34)
- Data diagnostic events
    - Driver must follow the motor carrier's and ELD provider's recommendations in resolving the data inconsistency (395.34)

Clearing of malfunction and data diagnostic events:

- ELD needs to capture when a malfunction or data diagnostic event has been cleared by the driver (4.5.1.7)
- Unidentified driving records data diagnostic
    - Events that drop to 15 minutes or less during the current 24hr period and previous 7 days can be cleared automatically and there is no requirement to record the automatic clear (4.6.1.6)