



# Geosavi – Hours of Service

# Geosavi Hours of Service: Driver Logon Screen

geosavi  
ELD Compliance Now

Username

Password

Show Password  Save Password

LOGIN

[Forgot Password?](#)

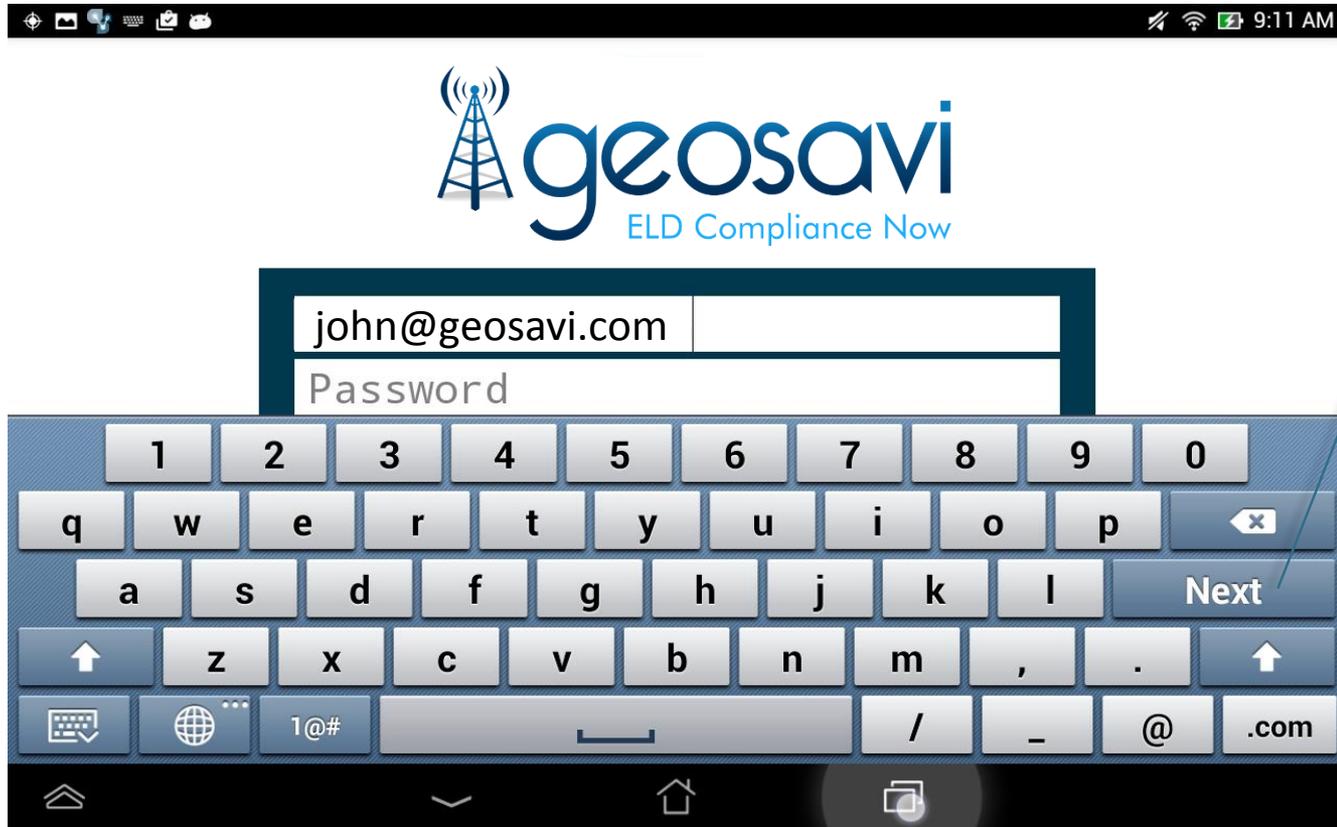
The Username and Password is currently in the form of the following:

Username: email address

Password: text

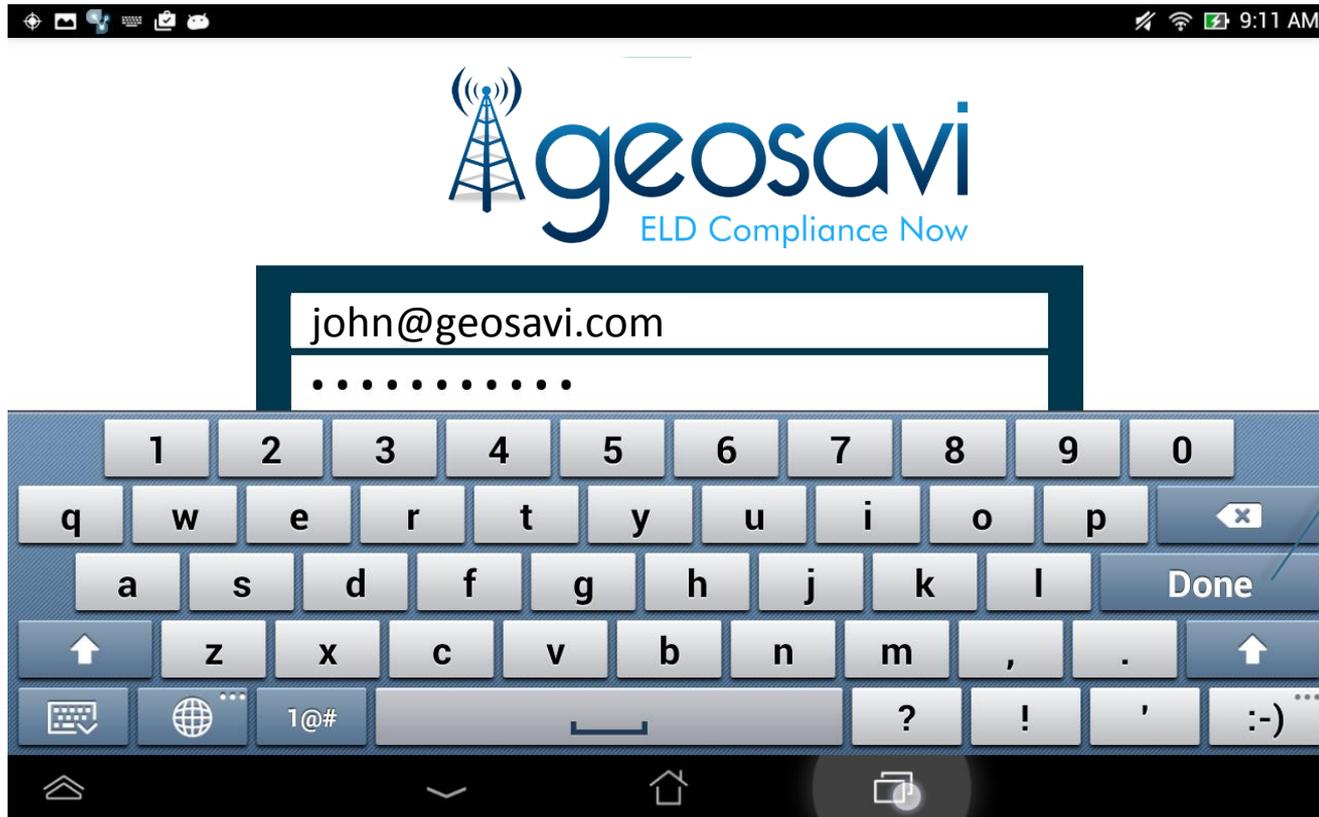
The details above can be amended at any time.

# Geosavi Hours of Service: Enter Username



Enter your username and then select the 'Next' option from the keyboard.

# Geosavi Hours of Service: Enter Password



Enter your password and then select the 'Done' option from the keyboard.

# Geosavi Hours of Service: Login



john@geosavi.com

.....

Show Password       Save Password

Login

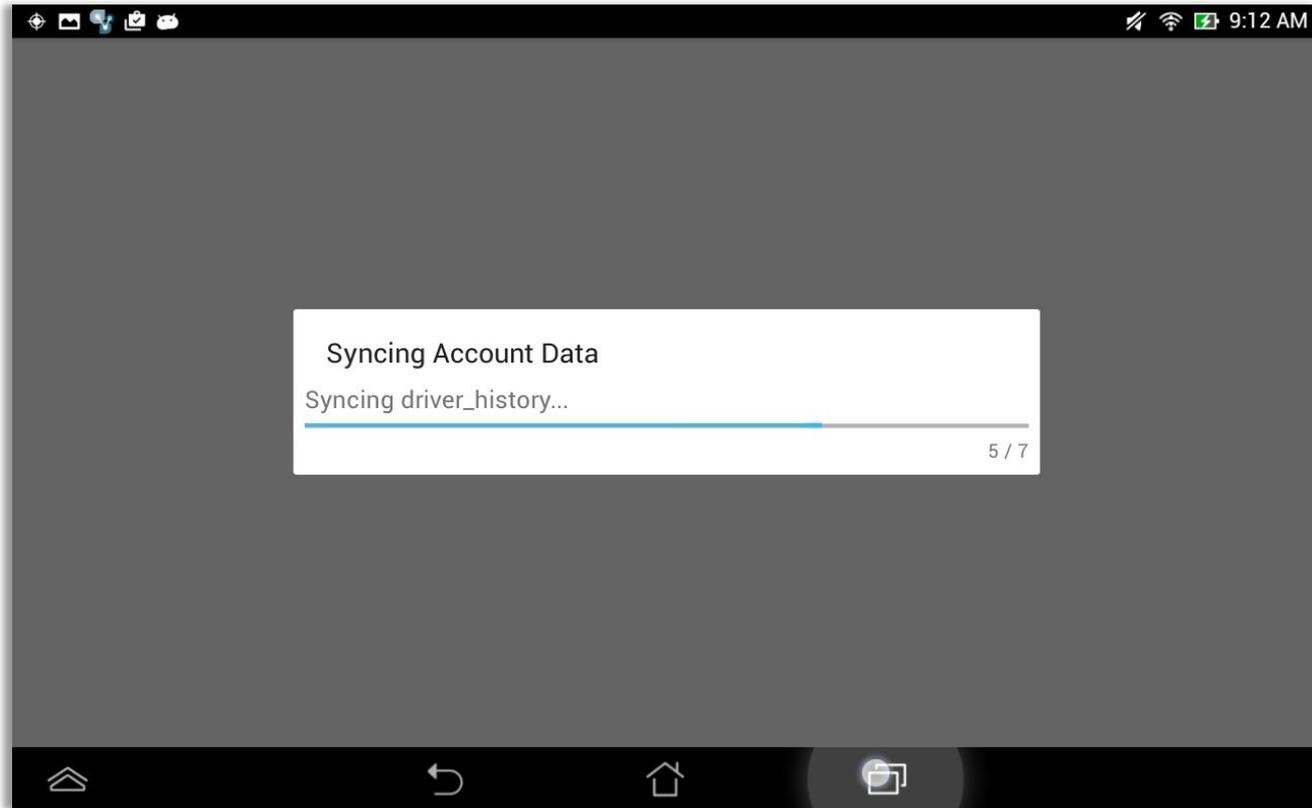
Forgot Password?

Check the boxes as required to show or save the entered password

Select 'Login' to continue

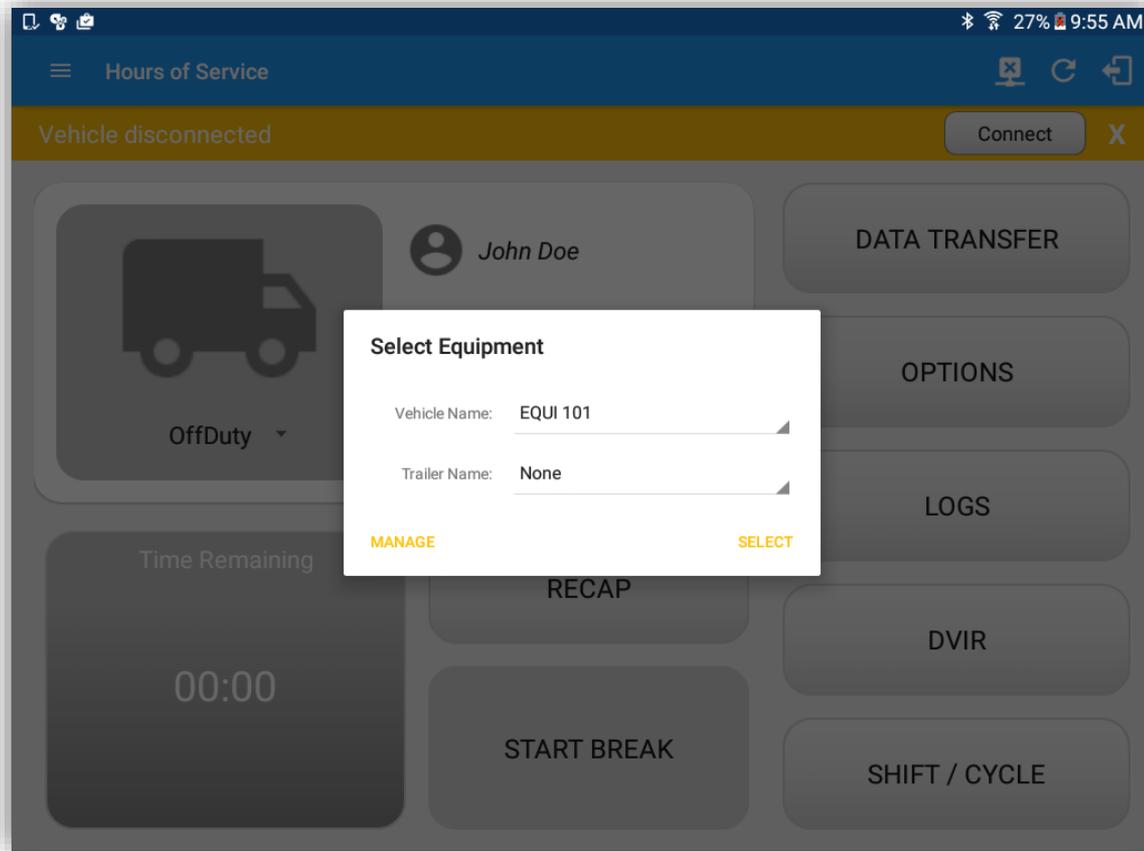


After entering your username and password, select the 'Login' option to continue  
Note: If you are logging into a device that is mounted in a vehicle, it is not recommended to select the Save Password option.



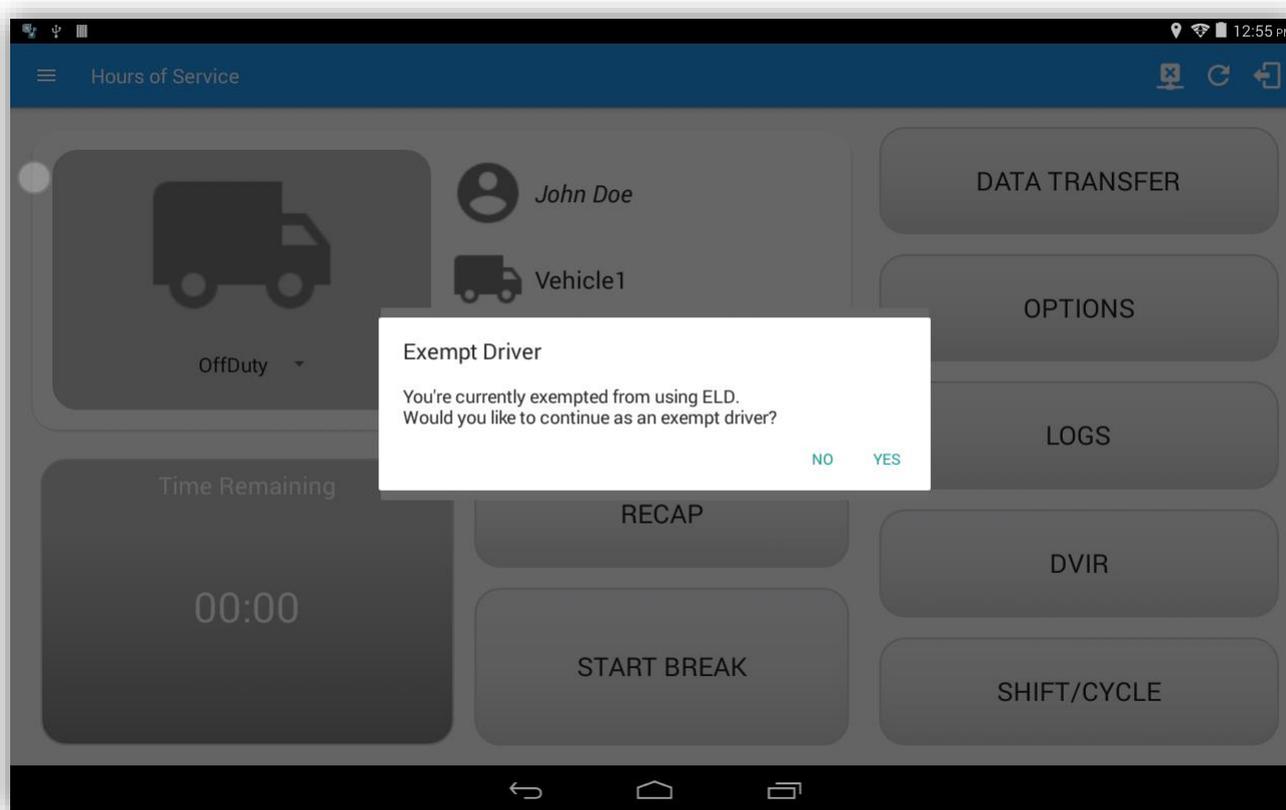
After selecting the 'Login' option, the app will run through its start up process where the driver account data will be synced to the device.

# Geosavi Hours of Service: Selecting an Equipment



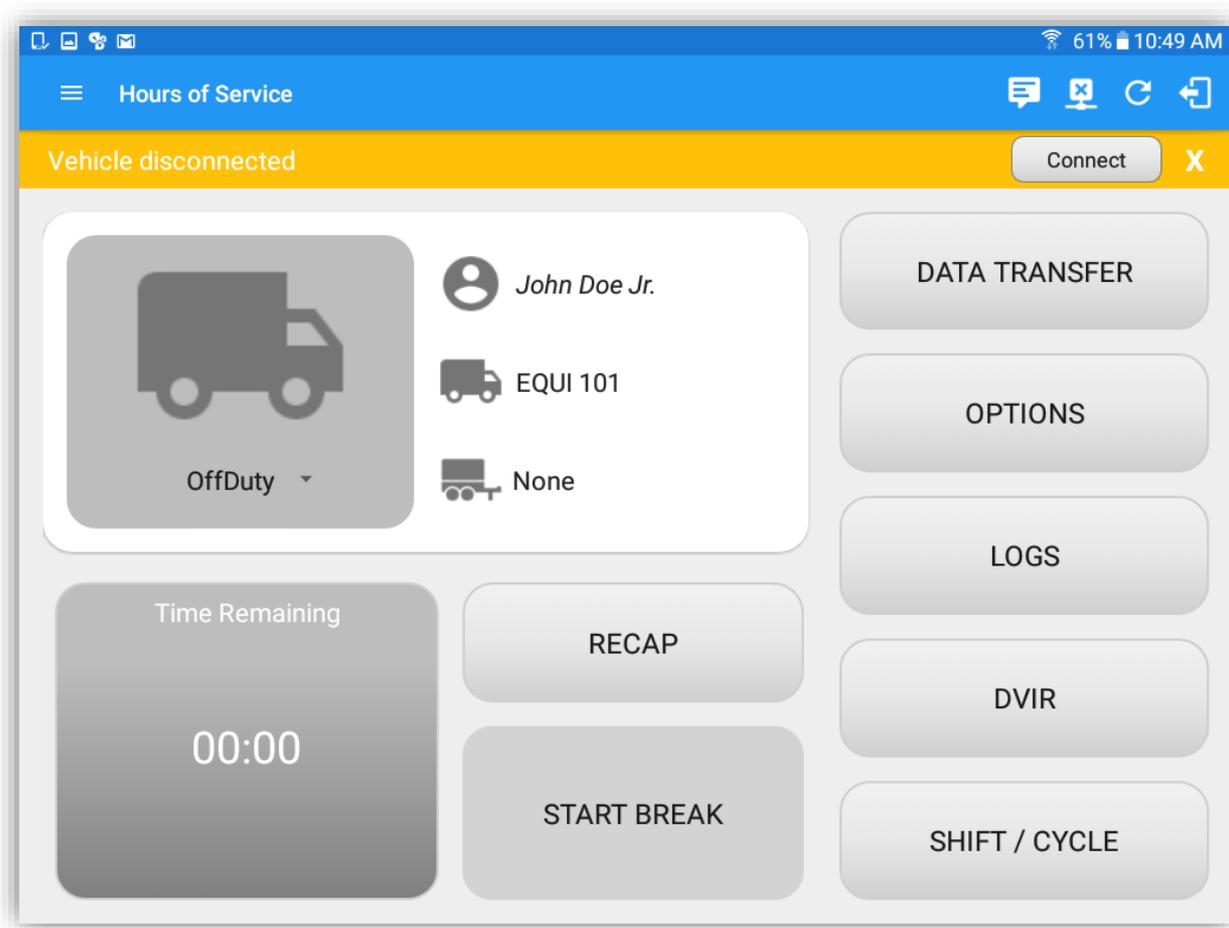
- After logging in successfully as new driver the Select Equipment dialog will display requiring the driver to select a vehicle and trailer (if needed) prior to accessing any other parts of the app.

# Geosavi Hours of Service: Exempt Driver



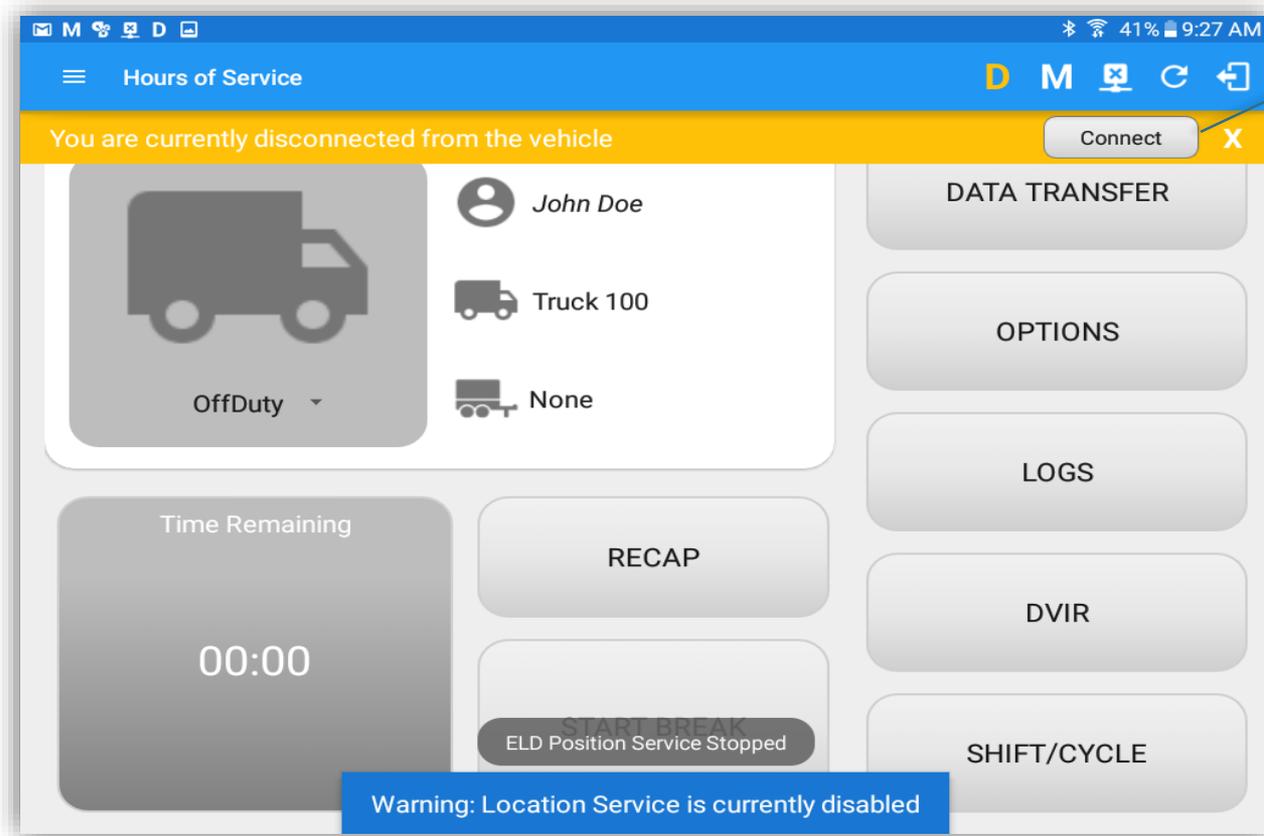
If the Driver is an **Exempt Driver** or a driver that operates under the short-haul exemption (**395.1 (e)**), upon logging in a dialog will display confirming whether the driver chooses to continue as an exempt driver. By selecting the OK button, the “No Logs for Non-CDL-Driver Short-Haul Drivers operating within 150 air-miles” exception will be enabled.

# Geosavi Hours of Service: Main Menu



Following a successful login, the Geosavi Hours of Service main menu will be displayed.

# Geosavi Hours of Service: Main Menu

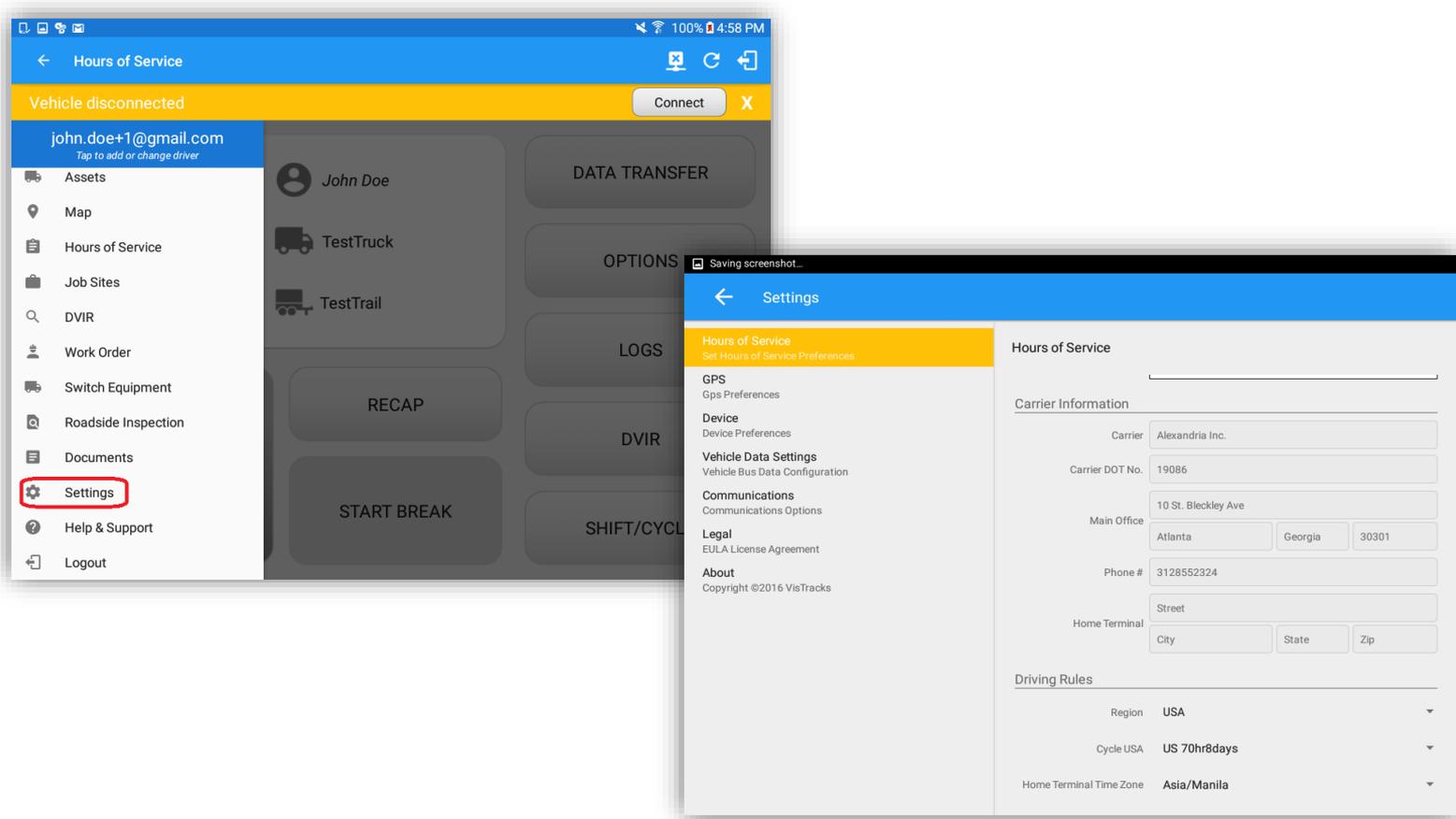


- The Connection bar which appears below the application header, only displays when the vehicle is disconnected to the device. Yet, it can be removed if the close button is tapped.
- Also, If the Device was left "Connected" during the logout process then it immediately reestablish connection upon the login process.



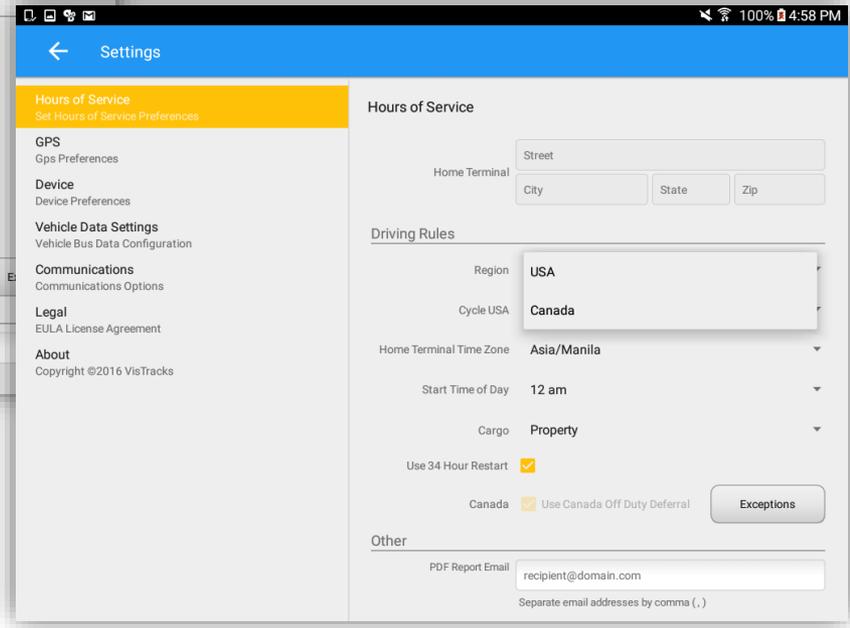
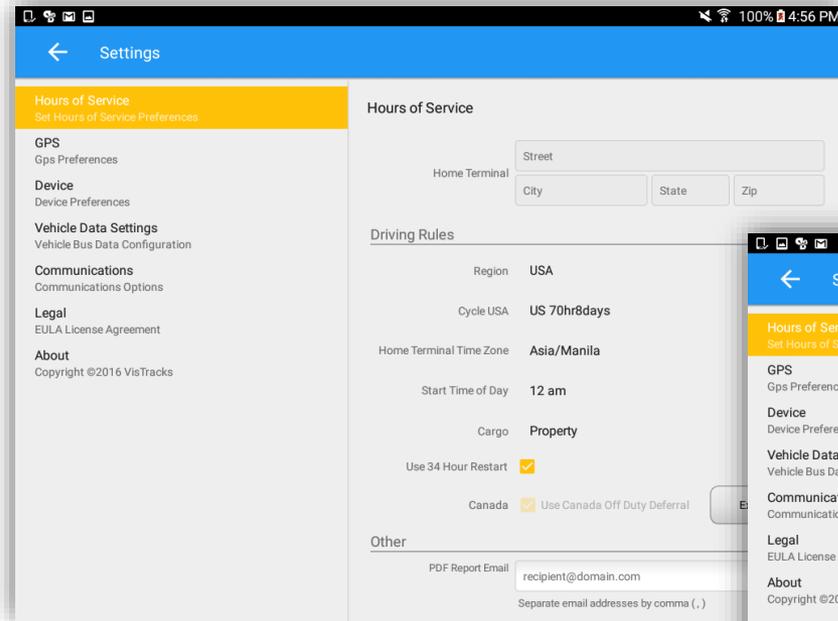
If GPS location is available, the application automatically switches to night theme after calculating the sunset time of the latitude and longitude values. The color scheme for night theme is turned on upon log-in and affects all screens.

# Geosavi Hours of Service: Settings



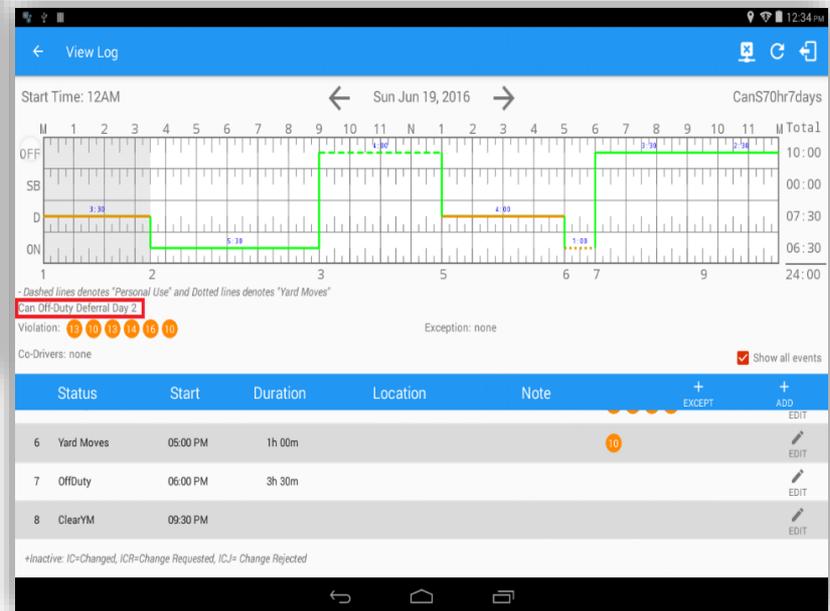
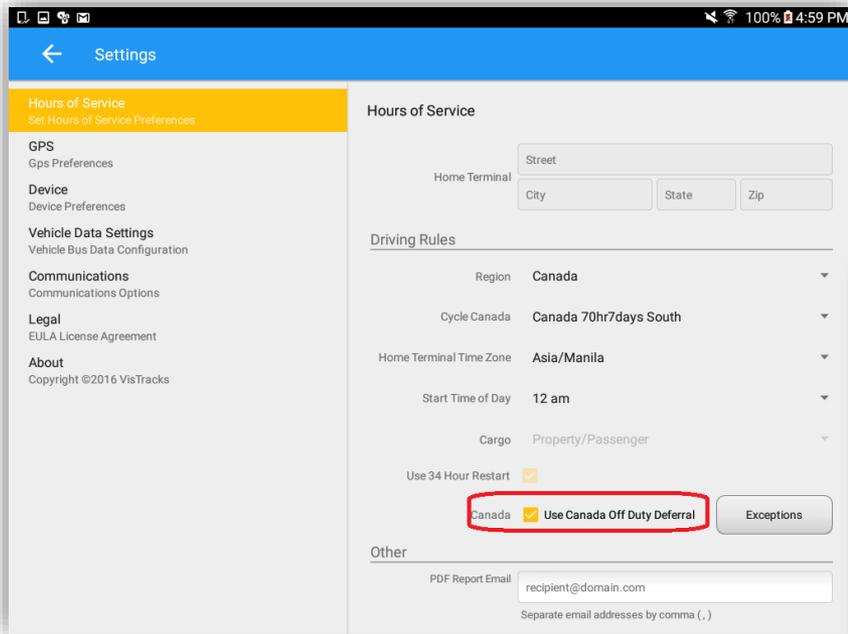
- Carrier Information details can also be changed in the Settings screen (for Account admin only)
- Home Terminal information were populated from the portal Home Terminal Management page (Drivers with associated Home Terminal).

# Geosavi Hours of Service: Settings



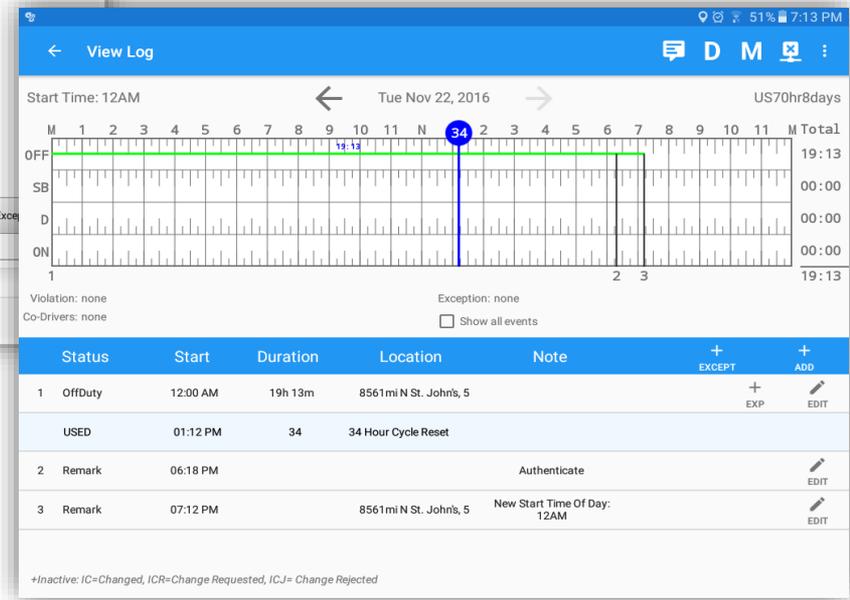
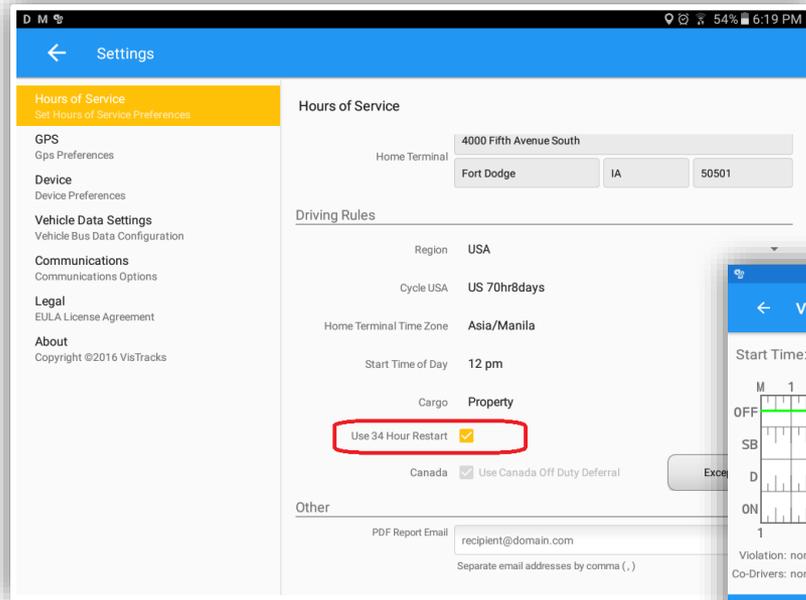
- You can change the Region depending on your place of work. Regions available are USA and Canada
- The cycle changes depending on the Region selected. Also, the cycle being used is included in the driver's Certified Logs.
- The Start Hour of Day value can also be set here and successive to the adjustments made here also update the Grid Chart points (Time).

# Geosavi Hours of Service: Settings



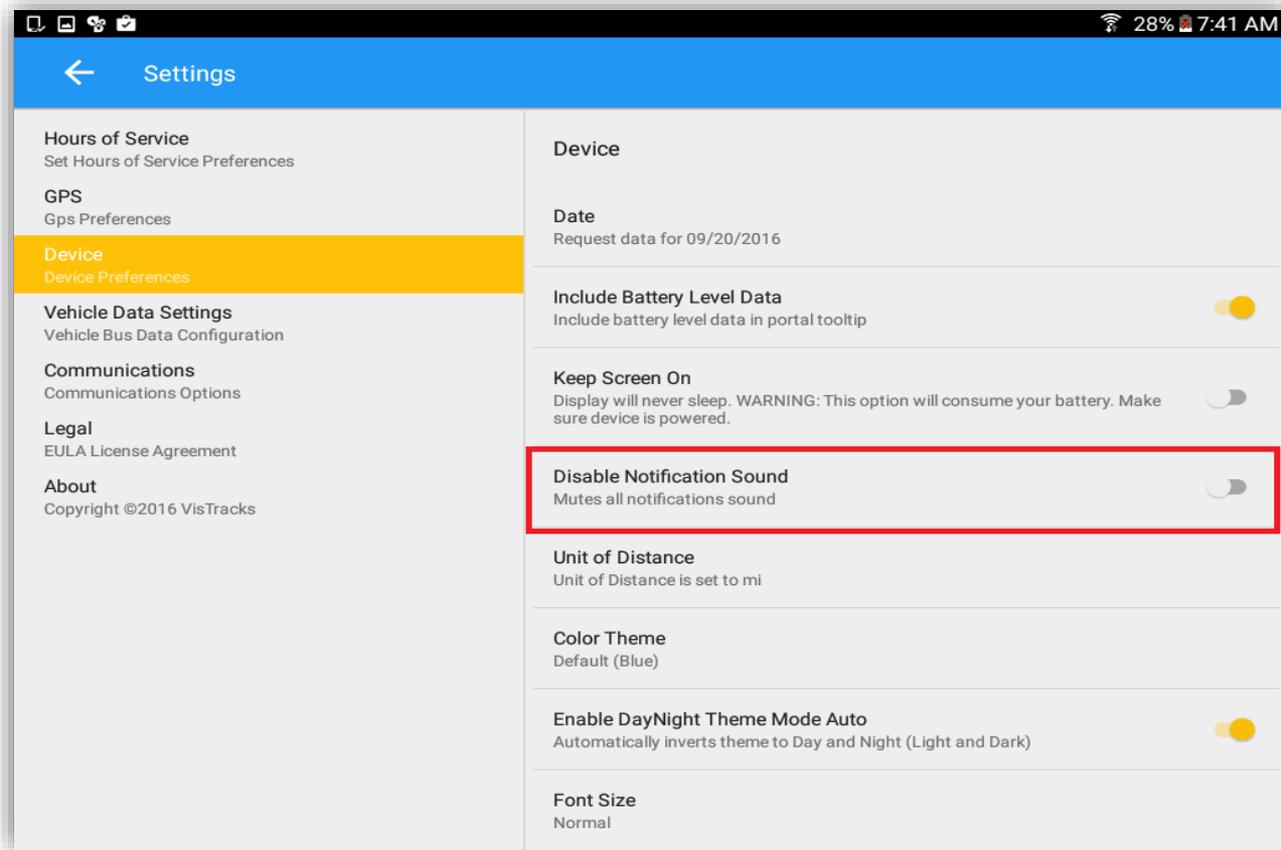
- When the Region used is in Canada, you can enable/disable the Canada Off-Duty Deferral. This means that you are allowed to get an extra two hours of driving and on duty in a 24 hour period (day 1) and take the required extra two hours off on the following day (day 2). The Deferral status is shown on the Driver's Daily Logs.

# Geosavi Hours of Service: Settings



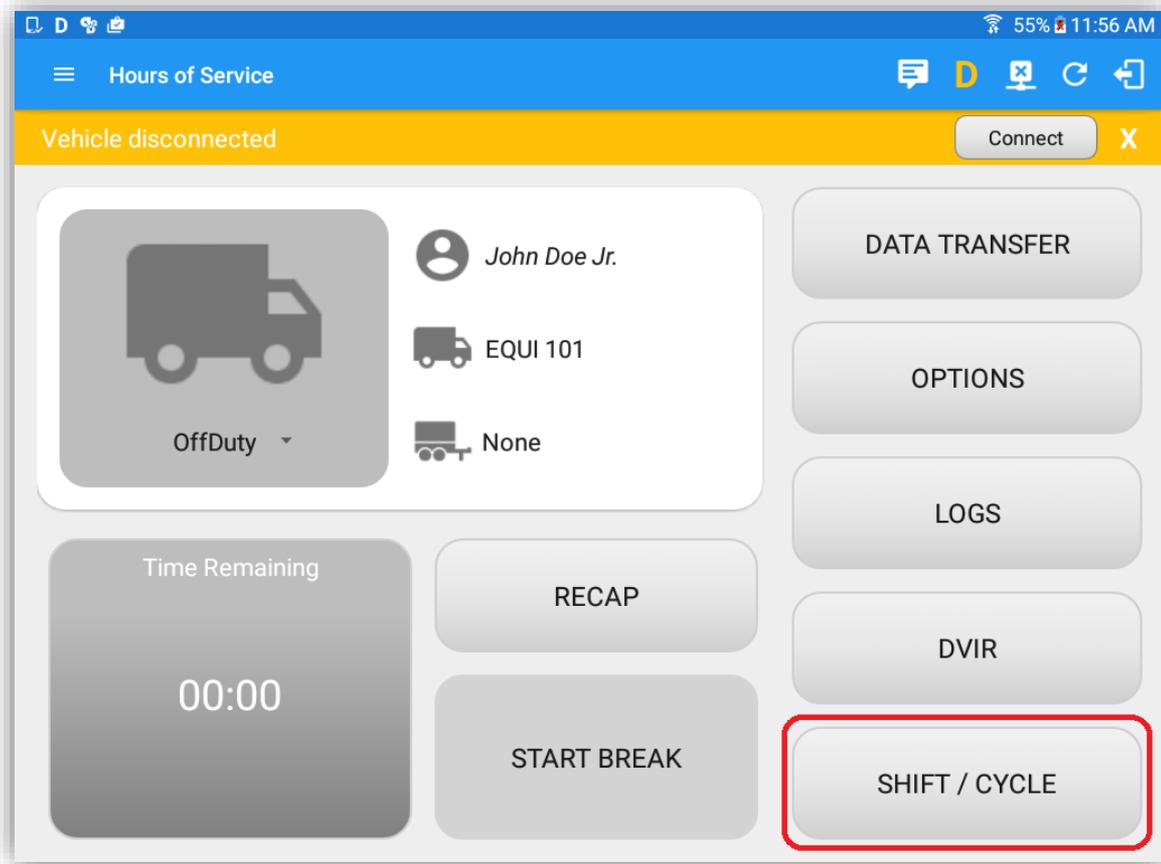
- When the Region is in US, you can enable/disable the 34 Hour Cycle Reset. The Cycle Reset status is shown on the Driver's Daily Logs.

# Geosavi Hours of Service: Settings



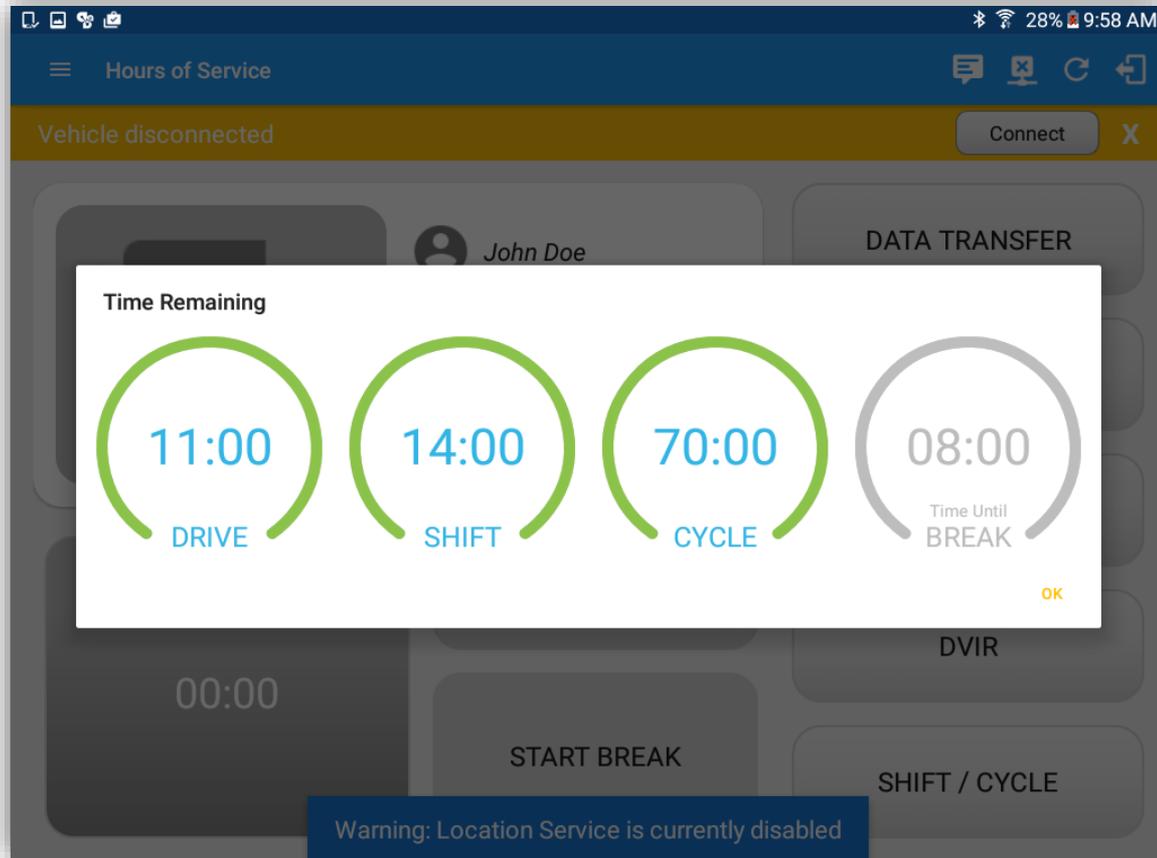
- The application has a Mute button to silence all sounds that could come from the application. Also, the ELD rules state that all application sounds should be muted during Sleeper status. However, the mobile device should not be muted since it's needed to be on sound in case of phone calls.
- **Note:** When the current status is Sleeper Berth, it automatically mutes the application sound.

# Geosavi Hours of Service: Check Availability



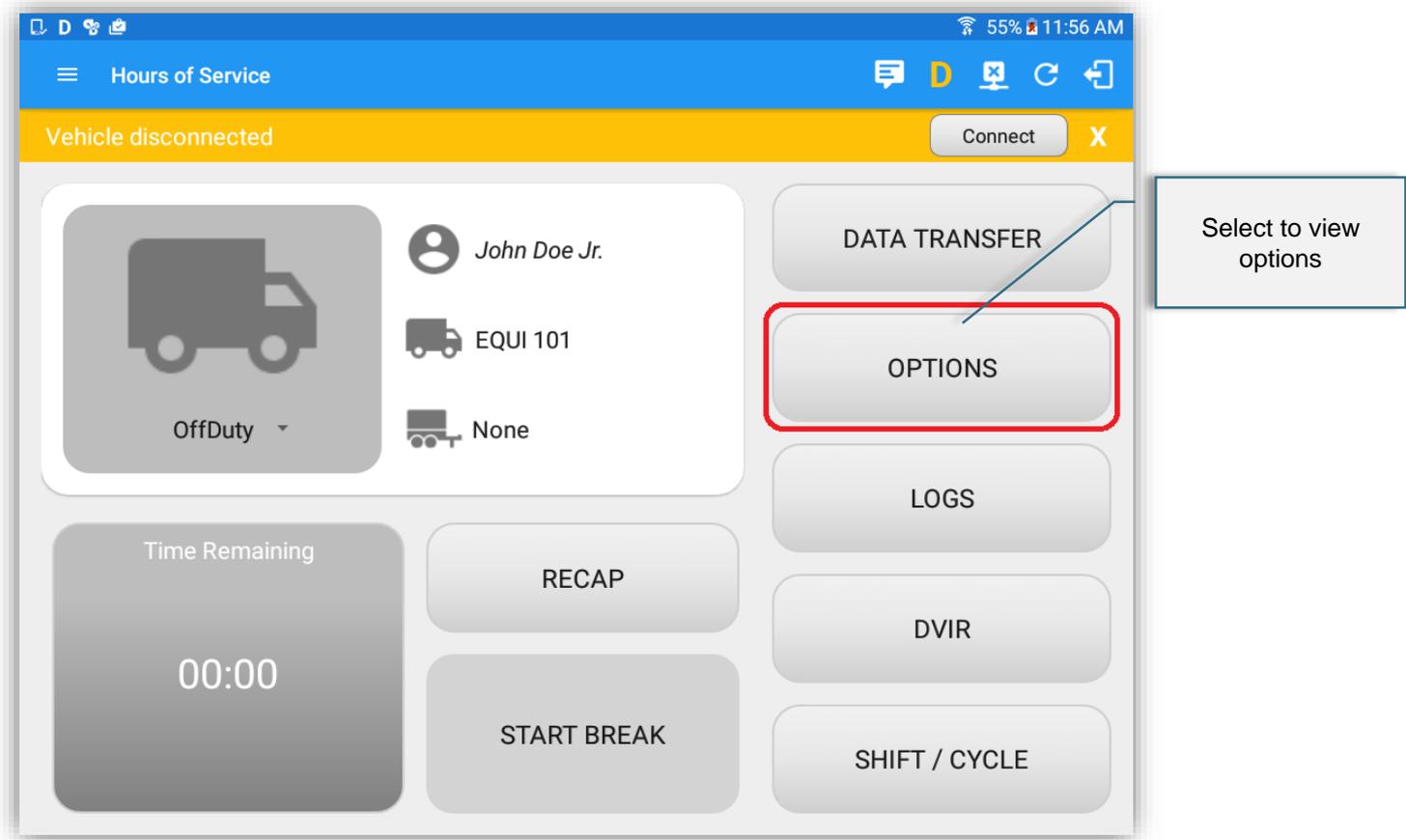
Before setting your initial status, you should first check that you have availability.

# Geosavi Hours of Service: Check Availability

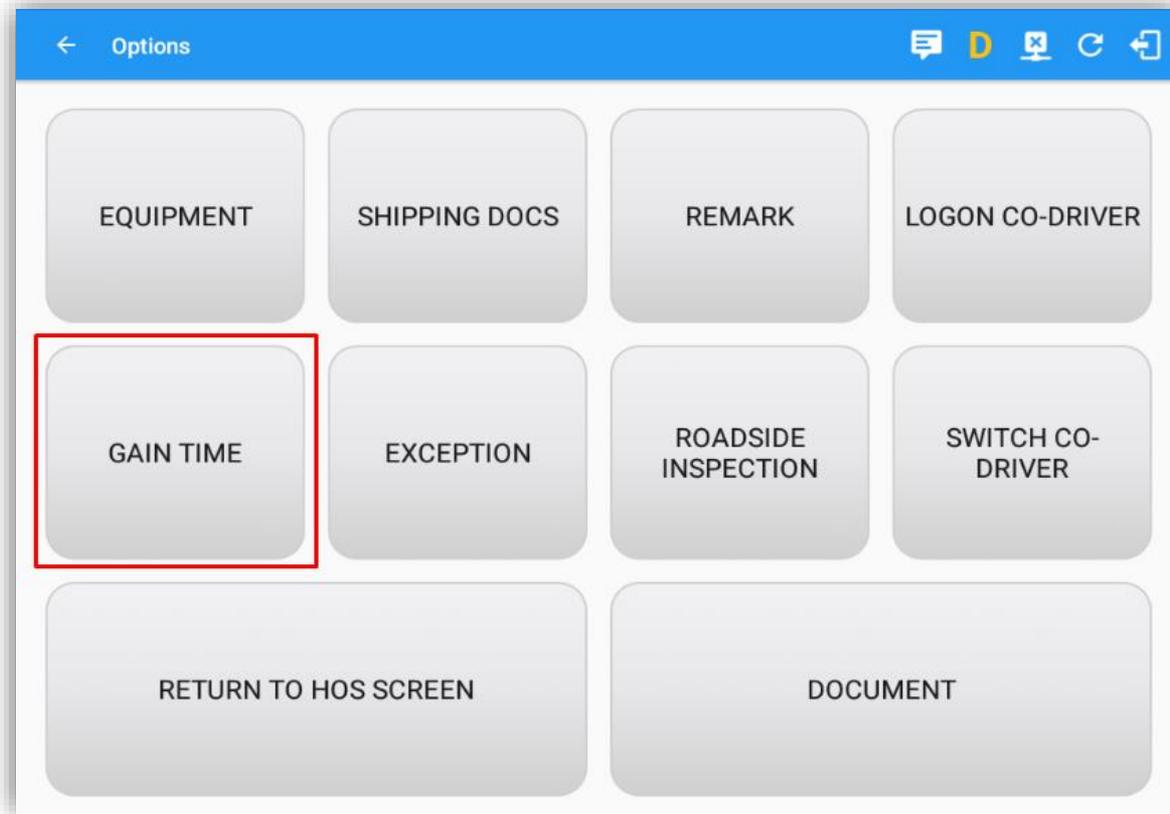


Before setting your initial status, you should first check that you have availability.

# Geosavi Hours of Service: Check Availability



Before setting your initial status, you should first check that you have availability.



If the driver does not have maximum daily duty or drive time available, the 'Gain Time' will display the date/time when he/she will gain the maximum shift / drive time.

# Geosavi Hours of Service: Change Status

The screenshot displays the 'Hours of Service' app interface. At the top, a blue header contains the title 'Hours of Service' and various system icons. Below this is a yellow banner indicating 'Vehicle disconnected' with a 'Connect' button. The main content area features a large grey truck icon on the left. To its right, user information is shown: 'John Doe Jr.' with a person icon, 'EQUI 101' with a truck icon, and 'None' with a truck icon. A dropdown menu is open over the truck icon, listing 'OffDuty', 'Sleeper', 'Driving', and 'OnDuty ND' with a '00:00' timer below it. To the right of the main area are several buttons: 'DATA TRANSFER', 'OPTIONS', 'LOGS', 'RECAP', 'DVR', 'START BREAK', and 'SHIFT / CYCLE'. Two callout boxes on the left provide instructions: 'Select to change your status' points to the truck icon, and 'Select the required status from the drop down' points to the dropdown menu.

Set your Initial status by selecting the Start option and then select the required status from the drop down list displayed.

**Note:** The current status of the app is disabled to prevent adding the same status consecutively.

# Geosavi Hours of Service: Change Status

Select to start the status change in the past (15 minute increments)

Check to enable the status to "Personal Use", "Yard Moves" or "Off Road"

Vehicle disconnected

Connect X

DATA TRANSFER

OPTIONS

LOGS

DVIR

SHIFT / CYCLE

00:00

Driving

Time Remaining

00:00

0 mi  Off Road

Personal Use

Reason: No reason selected

Note: Add Note

Location: 4mi NNW Elkhart, IN

Status: Driving

Duration: 0 minutes

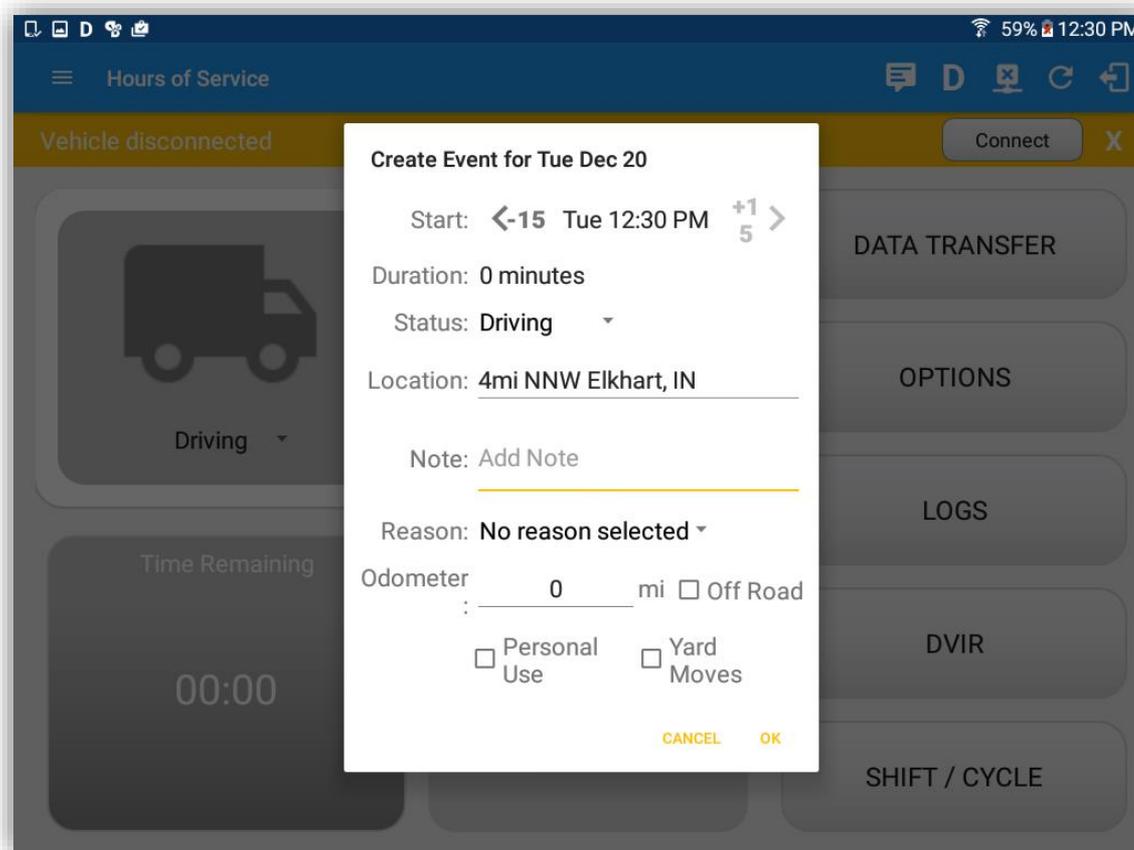
Start: <-15 Tue 12:22 PM +1 5 >

CREATE EVENT FOR TUE DEC 20

CANCEL OK

- If the device is out of GPS coverage, the Location field will be blank, you must manually input your current location. If the device is within GPS coverage, the Location field will be automatically populated with your current location.
- Also, the backward and forward time arrows are being disabled to prevent time from going before or after the current day's time. (eg. 12:00AM – 11:59PM)

# Geosavi Hours of Service: Change Status

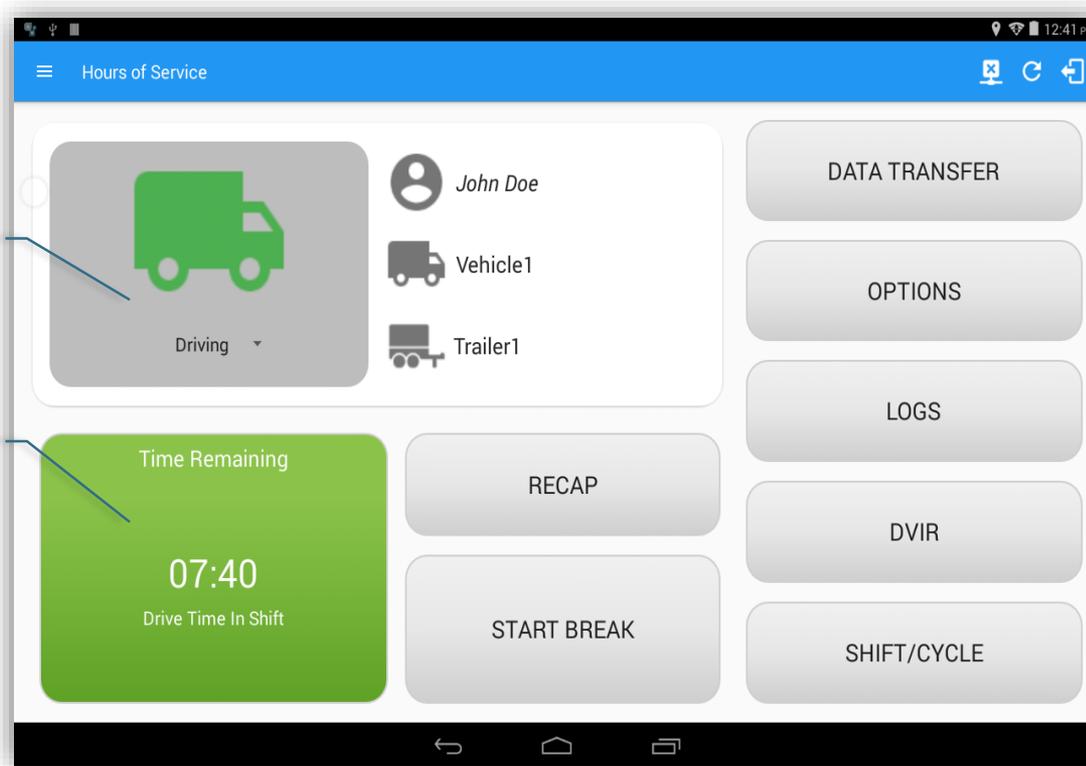


- In addition, upon disabling the events “Personal Use” or “Yard Moves”, it records a new event on the list stating “ClearPU or ClearYM” which indicates the clearing of the option for personal Use and Yard Move. And when the event “Off Road” is checked, it records a new event in the events history list.

# Geosavi Hours of Service: Change Status

The selected status will be displayed

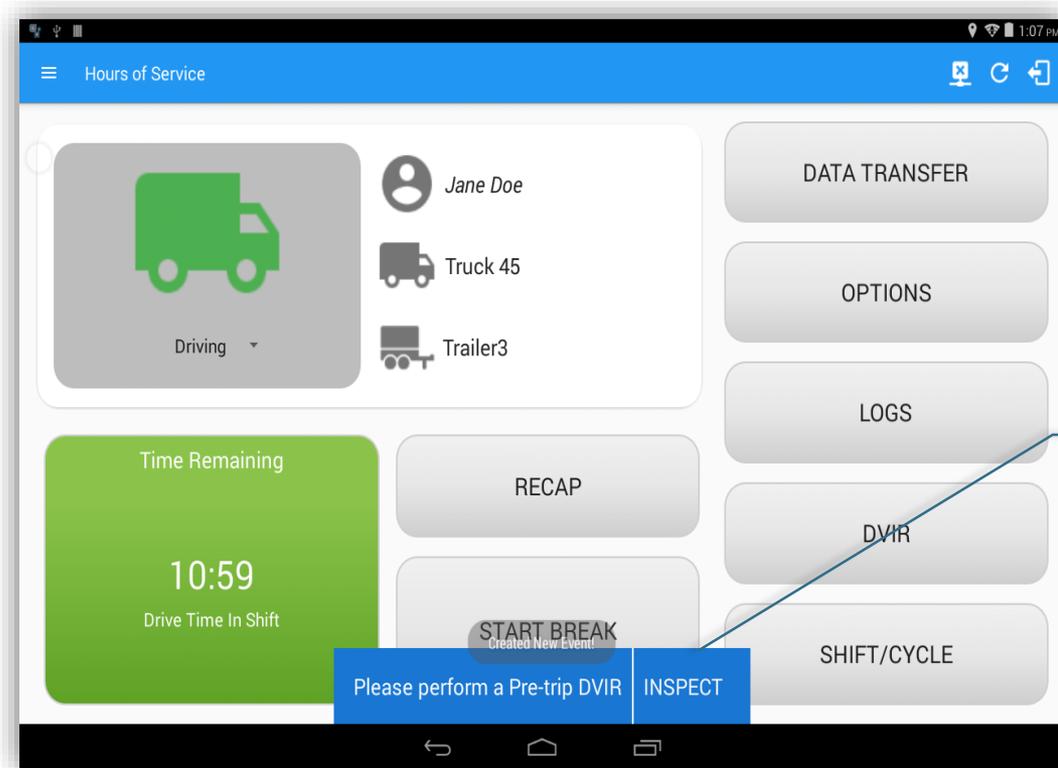
The time remaining will commence a countdown from 8 hours



The Time Remaining will be calculated and the countdown will commence from 8 hours, the time remaining panel is color coded in the following formats:

- Green: Between 8hrs and 3hrs
- Amber: Between 3hrs and 1hr
- Red: Less than 1hr remaining until the mandatory break must be taken

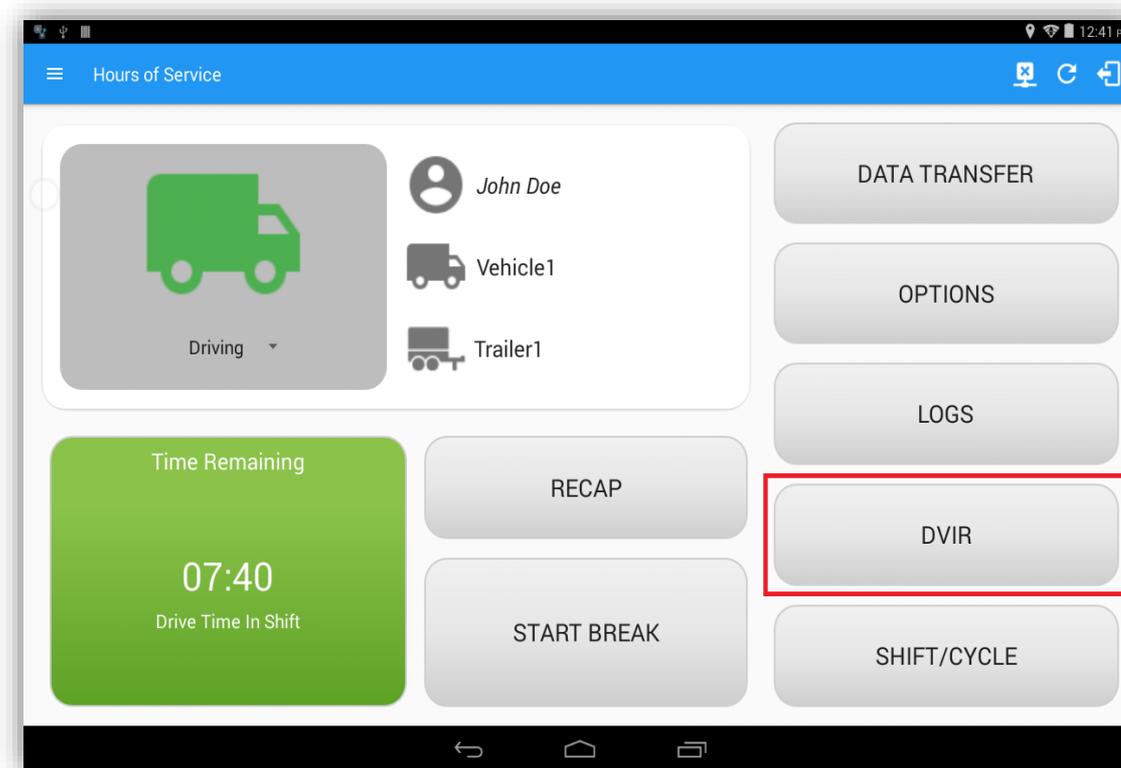
# Geosavi Hours of Service: Change Status



Snackbar Reminder when performing "Driving" status

- A snackbar with a reminder will appear at the bottom of app stating: "Please perform a Pre-trip DVIR", when the driver forgot to perform a DVIR.

# Geosavi Hours of Service: DVIR



Select the DVIR button from the Main Menu.

# Geosavi Hours of Service: DVIR

Vehicle/Trailer		Previous DVIR			
Vehicle Name: Vehicle1	Form: Tractor-Trailer	Pre-trip	Driver	12:06:32 PM	In progress
Trailer Name: Trailer1	Form: Trailer	Pre-trip	Driver	11:43:47 AM	Certified

Switch

DVIR Details

Date: 2016-06-22 12:06

Type:  Pre  Post  Ad Hoc

Inspector:  Driver  Mechanic  Other

Inspect

Select the appropriate DVIR details

Select the Inspect option to begin DVIR

Choose the appropriate DVIR forms (customized forms are also included in the list)

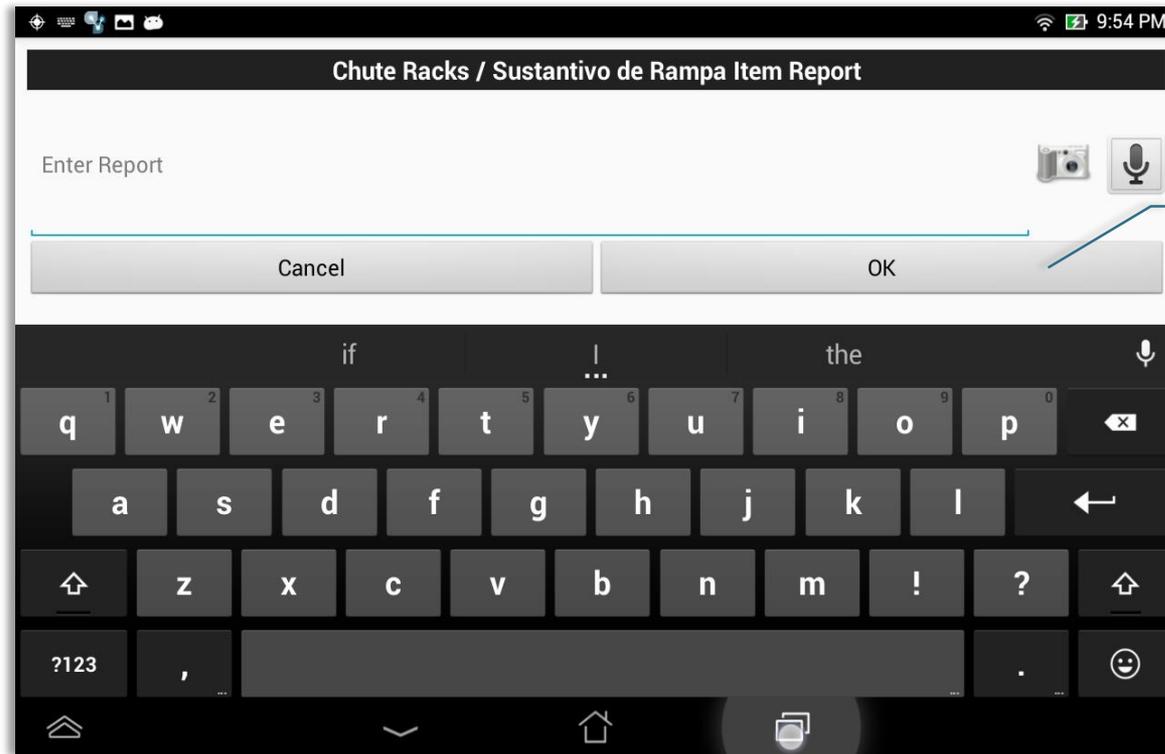
Select the Switch to change the details of the vehicle

Select the appropriate DVIR form from the options available.

**Note:** Scroll up/down on the left portion of the DVIR screen to see the whole part.



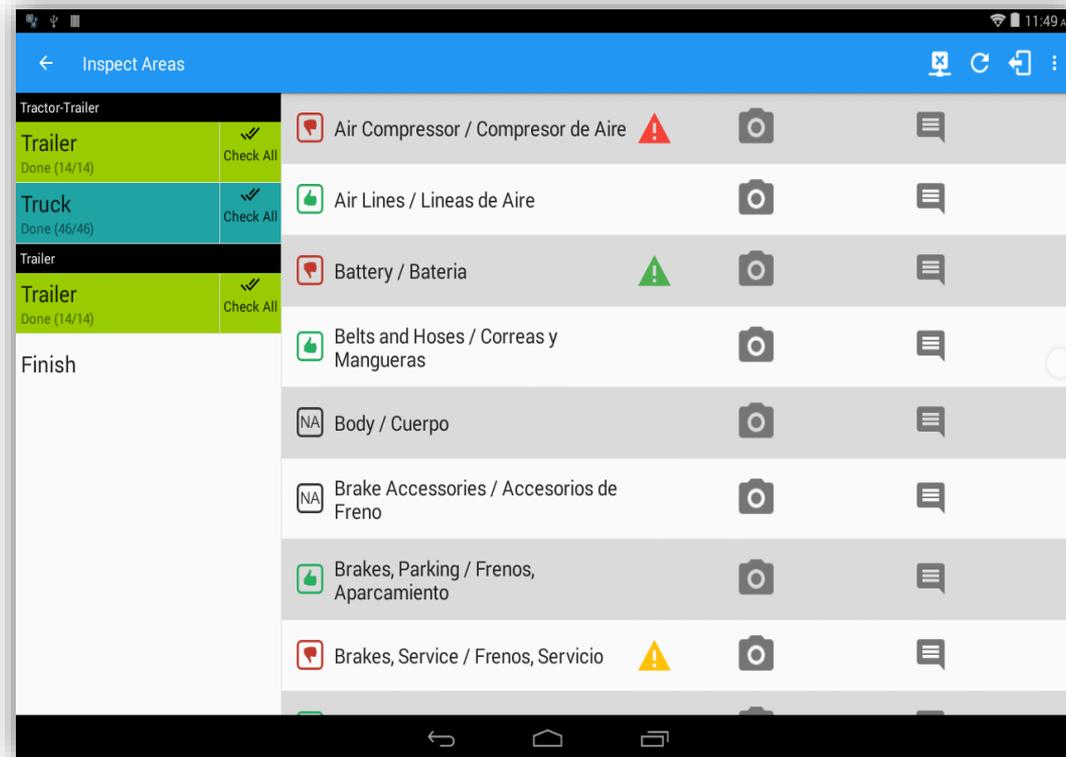
# Geosavi Hours of Service: DVIR



Select the OK option once you have entered your comment

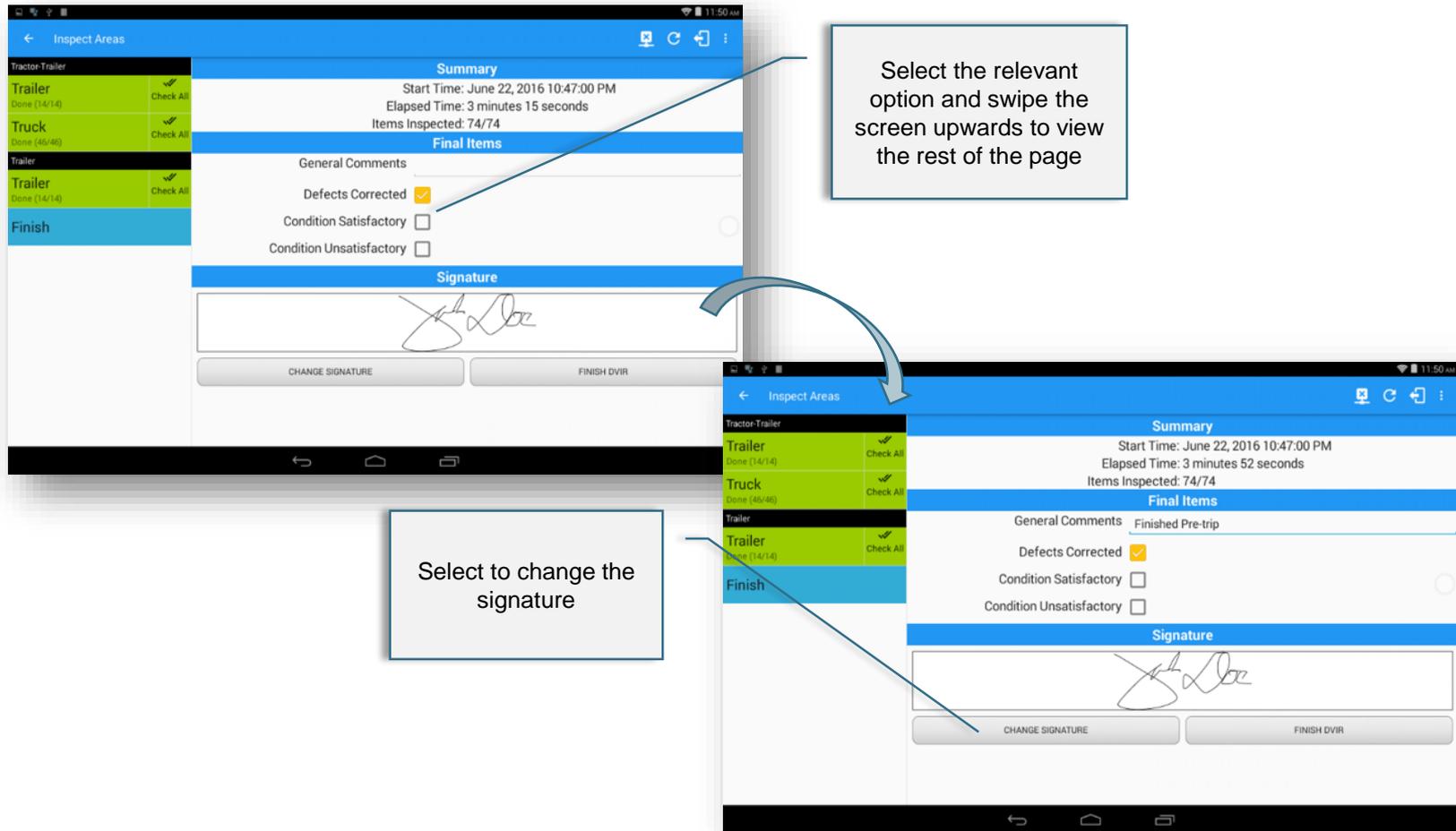
Select the  icon to add a comment to the vehicle check, also, if your device supports speech to text, select the  icon and speak your comment.

# Geosavi Hours of Service: DVIR

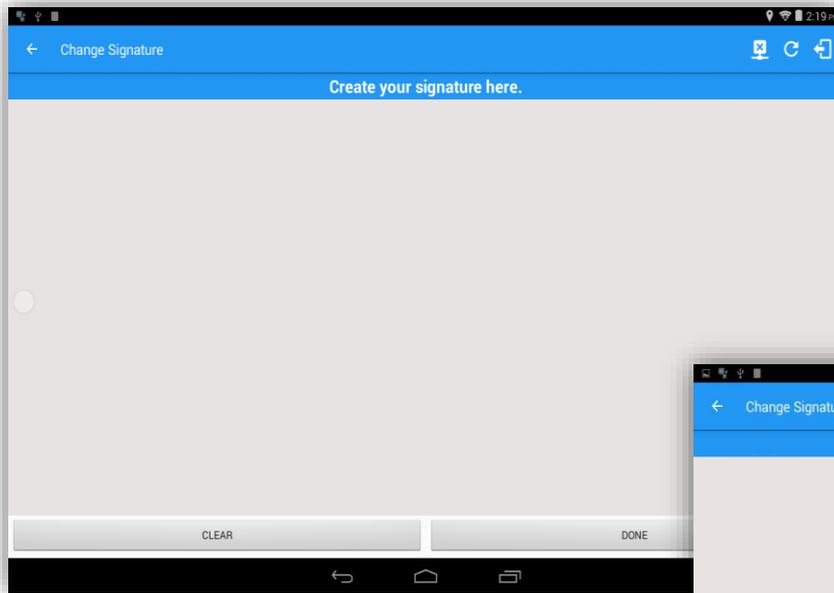


Continue to work through all of the DVIR categories until you have marked all vehicle checks as passed, failed or NA, then select the Finish option.

# Geosavi Hours of Service: DVIR



Once all checks within the DVIR have been completed, ensure that it is your own signature that is displayed, if not, select the 'Change Signature' option.



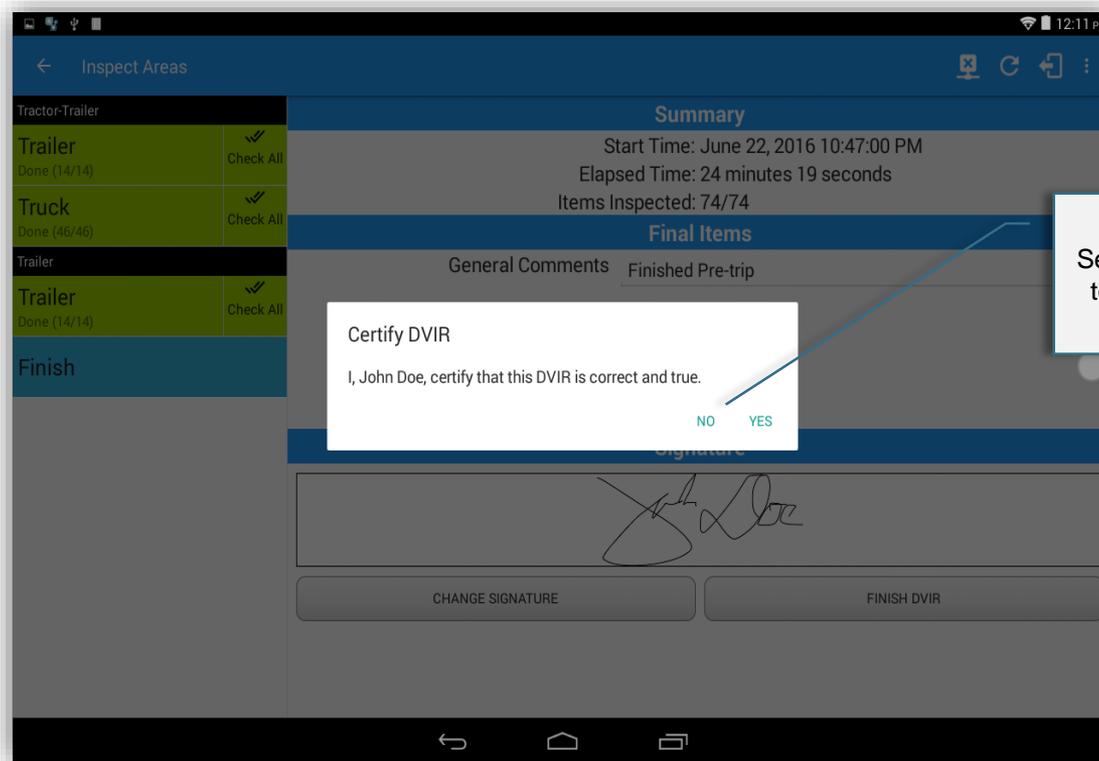
Once you have created your signature (sign on glass), select the 'Done' option to continue.

# Geosavi Hours of Service: DVIR

The screenshot displays the 'Inspect Areas' screen in the Geosavi application. On the left, a sidebar lists inspection areas: Tractor-Trailer, Trailer (Done 14/14), Truck (Done 46/46), Trailer (Done 14/14), and Finish. The main area shows a 'Summary' section with the following details: Start Time: June 22, 2016 10:47:00 PM, Elapsed Time: 3 minutes 52 seconds, and Items Inspected: 74/74. Below this is the 'Final Items' section, which includes 'General Comments' (Finished Pre-trip), 'Defects Corrected' (checked), 'Condition Satisfactory' (unchecked), and 'Condition Unsatisfactory' (unchecked). A 'Signature' section contains a handwritten signature. At the bottom, there are two buttons: 'CHANGE SIGNATURE' and 'FINISH DVIR'.

Continue to work through all of the DVIR categories until you have marked all vehicle checks as passed, failed or NA and the signature is correct, select the 'Finish DVIR' option.

# Geosavi Hours of Service: DVIR



Select the OK option to certify the DVIR

# Geosavi Hours of Service: DVIR

The screenshot displays the 'Select DVIR' screen in the Geosavi application. It is divided into three main sections:

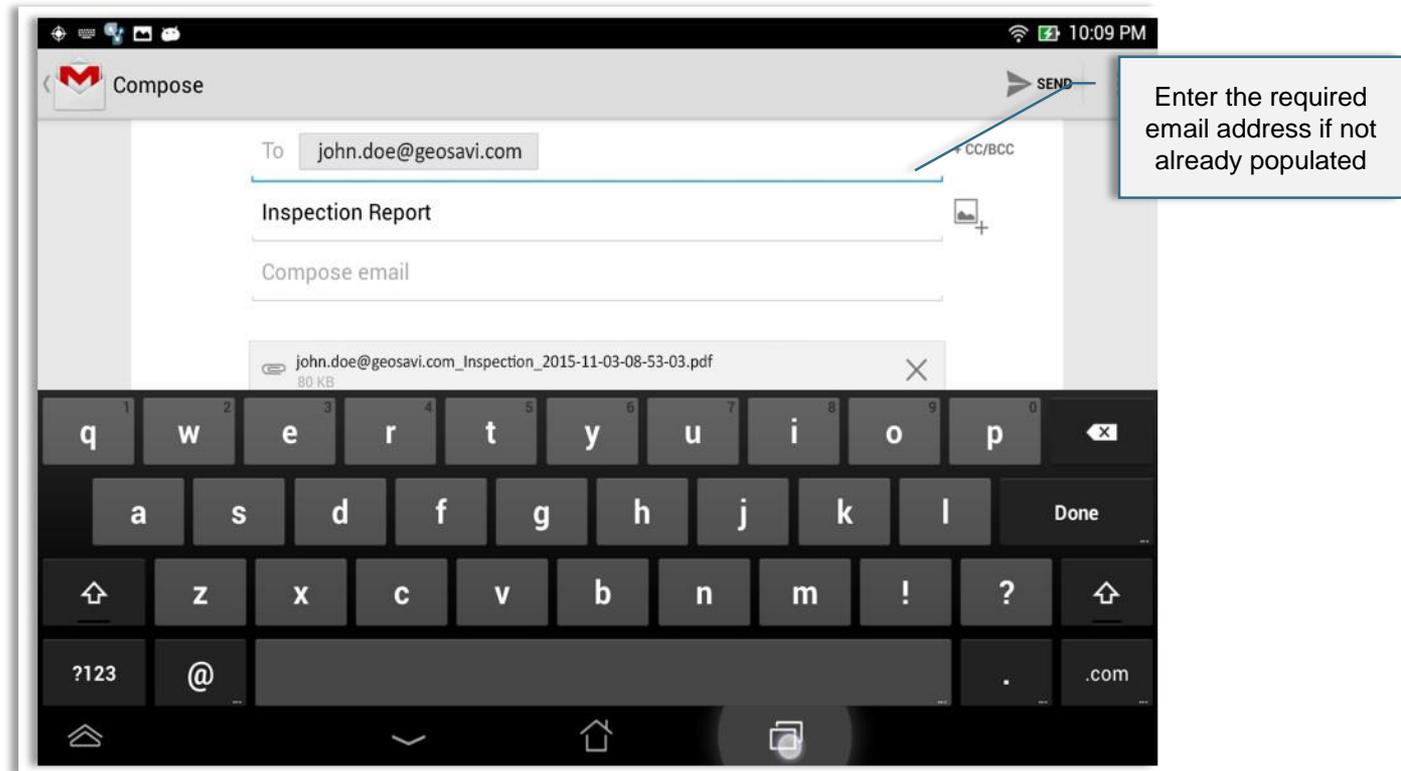
- Vehicle/Trailer:** Contains fields for 'Vehicle Name: Vehicle1' (Form: Tractor-Trailer) and 'Trailer Name: Trailer2' (Form: Trailer). A 'Switch' button is located below these fields.
- Previous DVIR:** A table listing past DVIRs. The second entry is highlighted in grey, and a context menu is open over it, showing 'Email', 'View', and 'Remove' options. The table data is as follows:

Pre-trip	Driver	Time	Status	Actions
Pre-trip	Driver	01:22:03 AM	In progress	⋮
Pre-trip	Driver	01:09:44 AM	Certified	Email, View, Remove
- DVIR Details:** Shows the date '2016-06-22 01:22'. The 'Type' is set to 'Pre' (selected) with options for 'Post' and 'Ad Hoc'. The 'Inspector' is set to 'Driver' (selected) with options for 'Mechanic' and 'Other'. An 'Inspect' button is at the bottom.

Select the highlighted area to email the DVIR.

Note: "Email" is disabled when the DVIR is still in progress, however when the DVIR is certified, the email is enabled and the DVIR can then be sent.

# Geosavi Hours of Service: DVIR



The email address as to where to send the DVIR reports can be configured within the ATMSi web portal, however, if it's not configured, the driver may manually enter an email address.

# Geosavi Hours of Service: DVIR

Sample Logo  
Your logo will appear here

## DRIVER'S VEHICLE INSPECTION REPORT (DVIR)

AS REQUIRED BY THE D.O.T. FEDERAL MOTOR CARRIER SAFETY REGULATIONS

CARRIER: <b>Fast Cargo</b>	LOCATION:	DATE OF POST-TRIP: <b>01/19/16</b>	ODOMETER READING: <b>0.00 Mi</b>
CARRIER DOT No: <b>123-0009</b>	TRUCK/TRACTOR NO.: <b>KIA 009</b>	TRAILER(S) NO.(S): <b>TRA - 123</b>	
DRIVER: <b>John Watson</b>	IME No: <b>2637</b>		
START INSPECTION: <b>01/19/16 10:29 am</b>			
END INSPECTION: <b>01/19/16 10:52 am</b>			

USE CHECK (✓) IF SATISFACTORY AND USE (X) IF NOT SATISFACTORY

D = Driver, M = Mechanic, O = Other  
Prt = Pre-Trip, Pot = Post-Trip, AdH = AdHoc

### READY-MIX TRUCK

	Mixer Unit					
	D		M		O	
	Prt	Pot	AdH	Prt	Pot	AdH
Chute Racks / Sustentivo de Rampa	✓					
Chute Straps / Gancho de Rampa	✓					
Chute Hooks / Correas de Rampa	✓					
Hydraulic System / Sistema Hidráulico	✓					
Hoses/Motor/Pumps / Mangas/Motor/Bombas	✓					
Truck/Coiler / Tanque/Enfriador	✓					
Water System / Sistema de Agua	✓					
Hoses/Line/Trails / Mangas/Lines/Tanques	✓					
Valves and Drums / Válvulas y Tambor	✓					
Check for Leaks / Chequeo por Cualquier Fuga	✓					
Air / Aire	✓					
Hydraulic Oil / Aceite Hidráulico	✓					
Hopper / Tolva	✓					
Control Cables / Cables de Control	✓					
Ladders / Escaleras	✓					
Water Tank/Glass Clean / Tanque de Agua/Limpia Vidrios	✓					
Frame Mounts / Montaje de Chasis	✓					
Mixer Controls / Controles de Mandador	✓					
Counter Working / Trabajo de Mostrador	✓					
Rollers and Drums / Rodillos y Tambor	✓					
Pressure Buildup / Accumulación de Presión	✓					
Eng-Off 1 min. Leak / Motor-Apagado - Fuga 1 min.	✓					
Pedal Depression 1 min. / Pedal de Depresión 1 min.	✓					
Low Air Warning Device 60 psi / Aparato de advertencia baja de aire 60 psi	✓					
Emergency Brakes / Frenos de Emergencia	✓					

	Power Unit					
	D		M		O	
	Prt	Pot	AdH	Prt	Pot	AdH
Emergency Brakes / Frenos de Emergencia	✓					
Triangles / Triángulos	✓					
Fire Extinguisher / Extintor de Fuego	✓					
Spare Fuses / Fútiles de Reserva	✓					
Seat Belts / Cinturones de Seguridad	✓					
GPS / Radio	✓					
Lights / Luces	✓					
Reflectors / Reflectores	✓					
Suspension / Suspensión	✓					
Tires / Llantas	✓					
Wheels/Rims/Lugs / Ruedas/Rines/Tuercas de Llanta	✓					
Battery / Batería	✓					
Exhaust / Escape	✓					
Brakes / Frenos	✓					
Air Lines / Líneas de Aire	✓					
Light Line / Línea de Luces	✓					
Bumper / Para-Choques	✓					
Back-up Alarm / Alarma de Reversa	✓					

**TRAILER**

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	Trailer								
	D			M			O		
	Prt	Pot	AdH	Prt	Pot	AdH	Prt	Pot	AdH
Brakes	✓								
Brake Connections	✓								
Coupling Devices	✓								
Coupling (King) Pin	✓								
Doors	✓								
Hitch	✓								
Loading Gear	✓								
Light - All	✓								
Roof	✓								
Suspension System	✓								
Tarpaulin	✓								
Tires	✓								
Wheels and Rims	✓								
Other	✓								

REMARKS:

CONDITION SATISFACTORY       DEFECTS CORRECTED  
 CONDITION UNSATISFACTORY

MECHANIC'S SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_

DRIVER'S SIGNATURE UPON COMPLETION OF POST-TRIP: *John Watson*      DRIVER'S SIGNATURE: \_\_\_\_\_ DATE: **01/19/16**

### INSPECTION NOTES AND PHOTOS

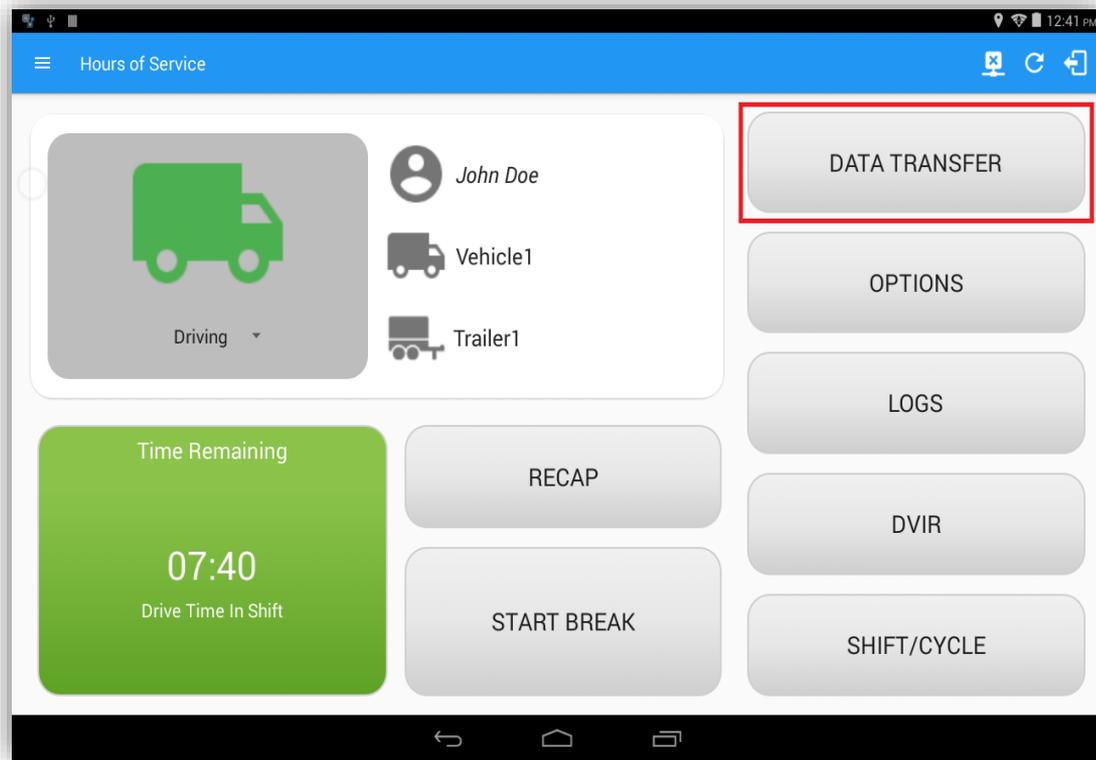
NAME: \_\_\_\_\_  
 Mirrors / Espejos \_\_\_\_\_  
 CONDITION: Failed Inspection  
 COMMENT: \_\_\_\_\_



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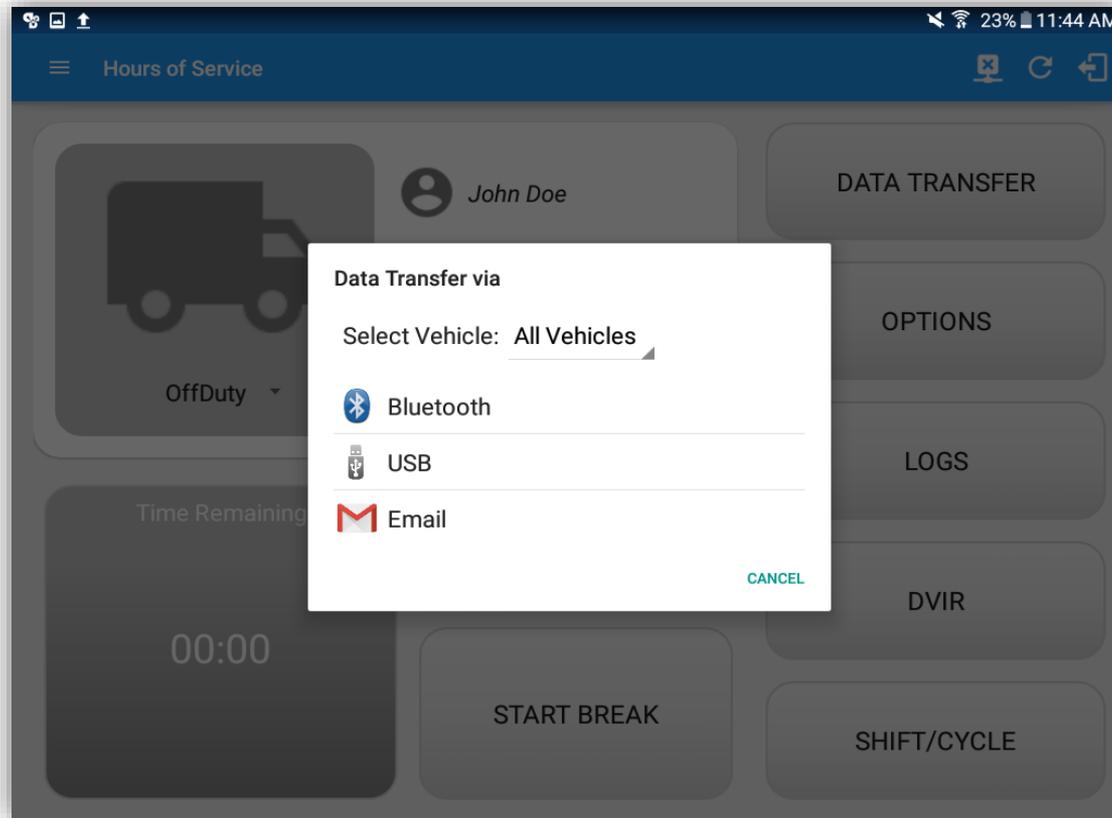
The example shown here is an emailed DVIR report complete with a photograph of damage to the drivers door.

# Geosavi Hours of Service: Data Transfer



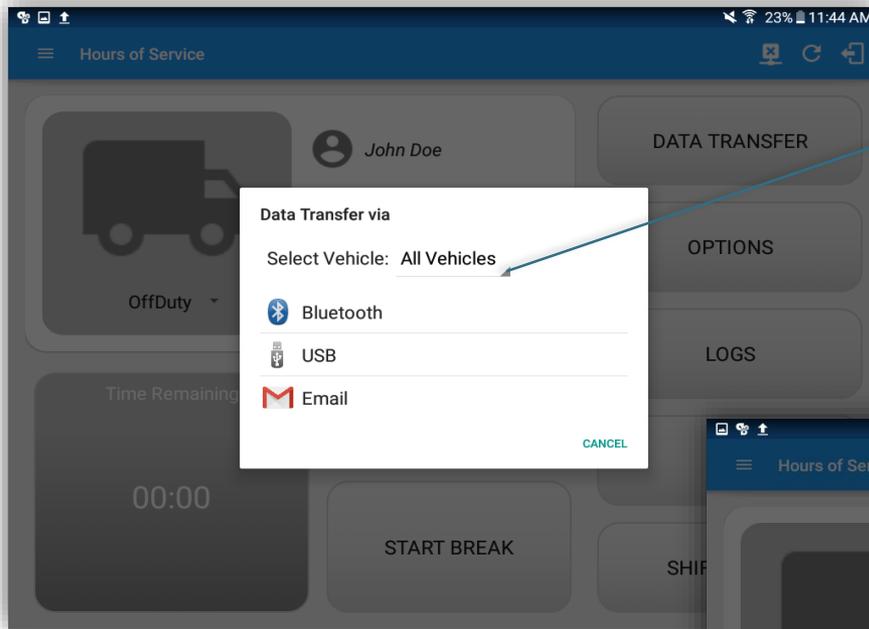
Select the Data Transfer button from the Main Menu.

# Geosavi Hours of Service: Data Transfer



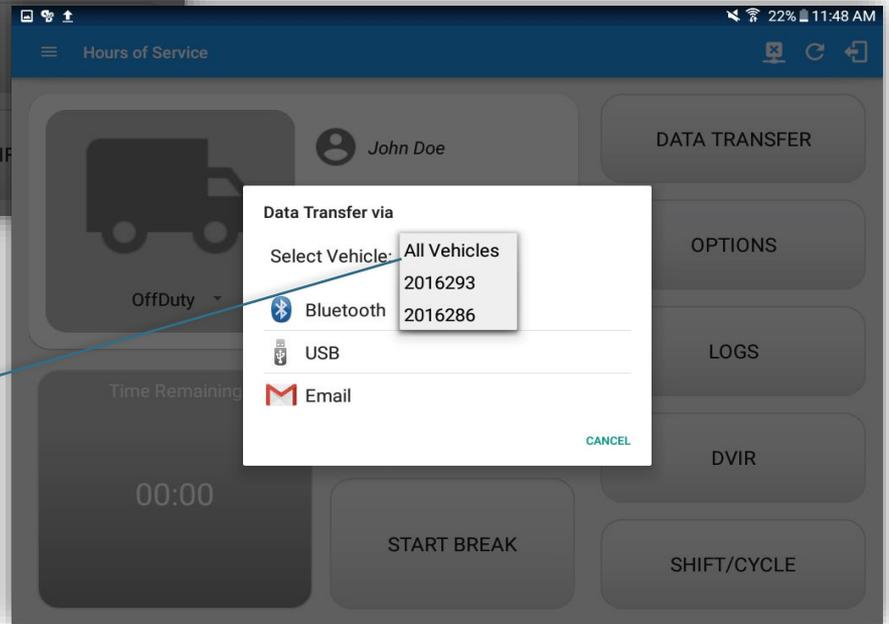
- The ELD provides a standardized single-step compilation for the driver's ELD records and initiation of the data transfer to authorized safety officials when requested during a roadside inspection.
- **Transfer via Email** enables the driver to transfer an encrypted file using AES-256 in FIPS Publication 197

# Geosavi Hours of Service: Data Transfer



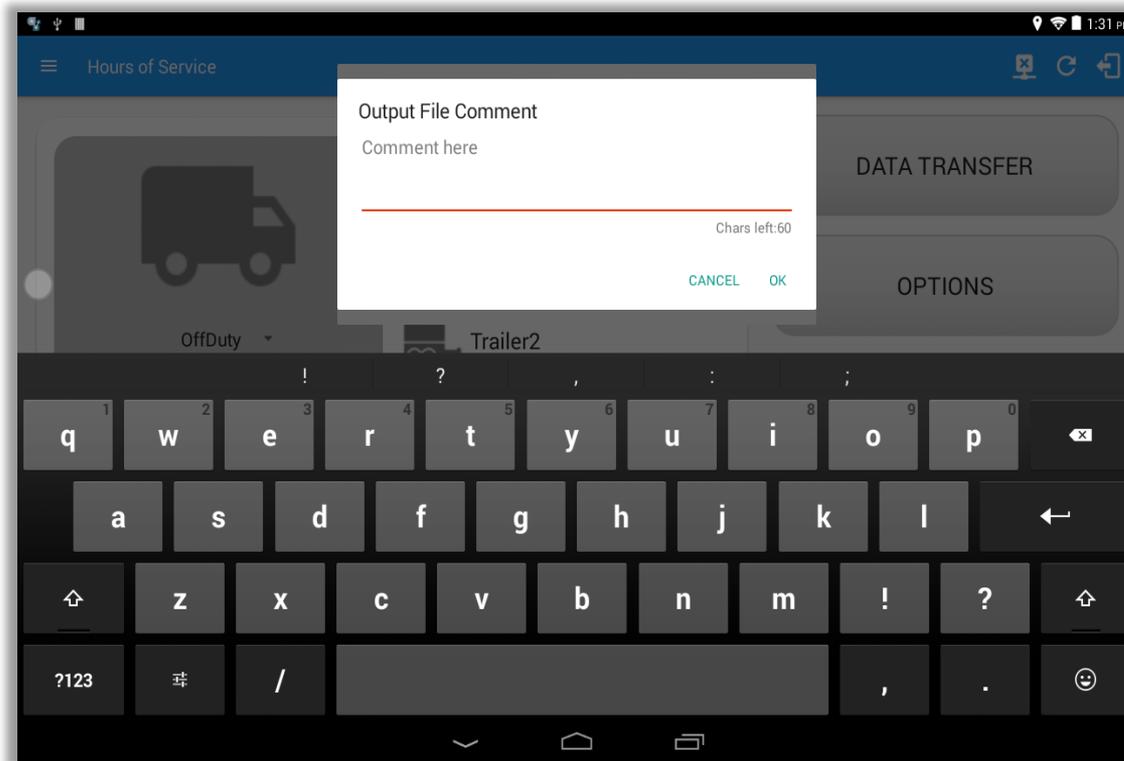
The ELD can also produce a data file or a series of data files of ELD records for a subset of its vehicles used by the driver through the 'Select Vehicle' option. Tap on the menu to show the list of vehicles.

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



Data Transfer via  
Select Vehicle: All Vehicles  
2016293  
2016286  
Bluetooth  
USB  
Email  
CANCEL

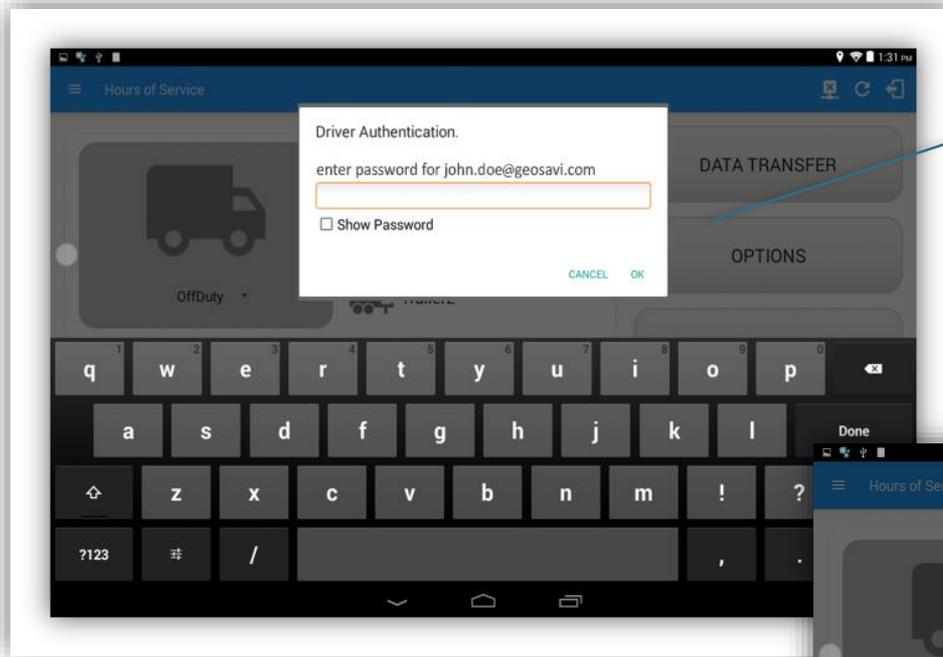
# Geosavi Hours of Service: Data Transfer



- The driver may enter (optional) an output file comment after selecting the data transfer option.
- The ELD accommodates the entry of an output file comment up to 60 characters long.

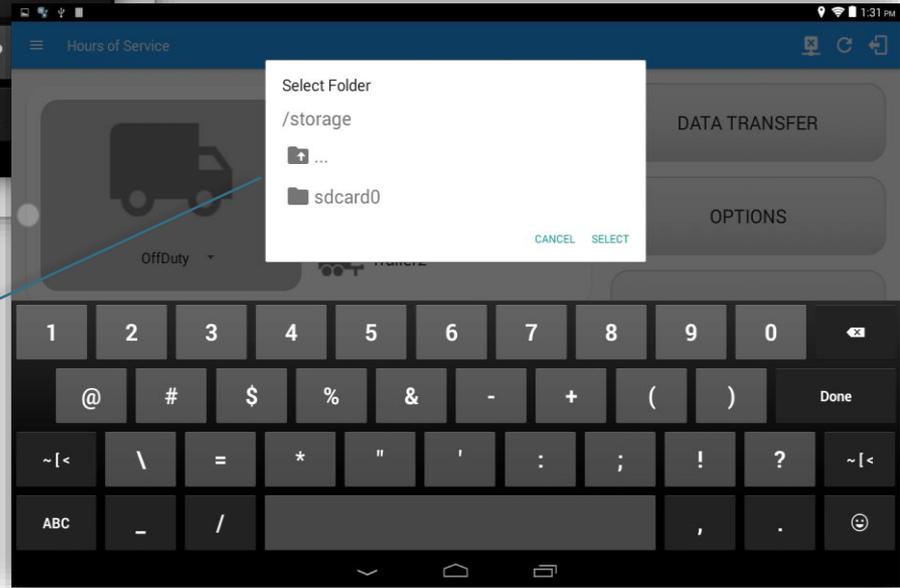
# Geosavi Hours of Service:

# Data Transfer via USB

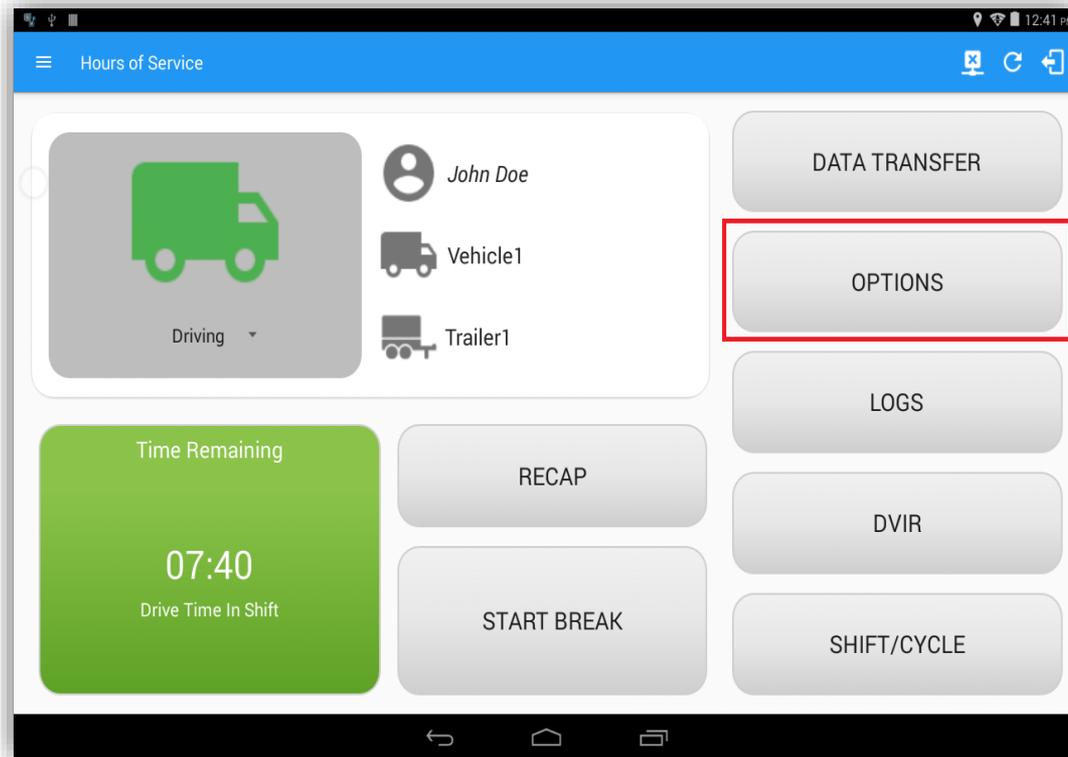


Prior to saving the driver's ELD file to an external storage/device, the ELD re-authenticates the driver account by asking for their password

If the authentication process is successful, the driver can now specify where to save the ELD file.

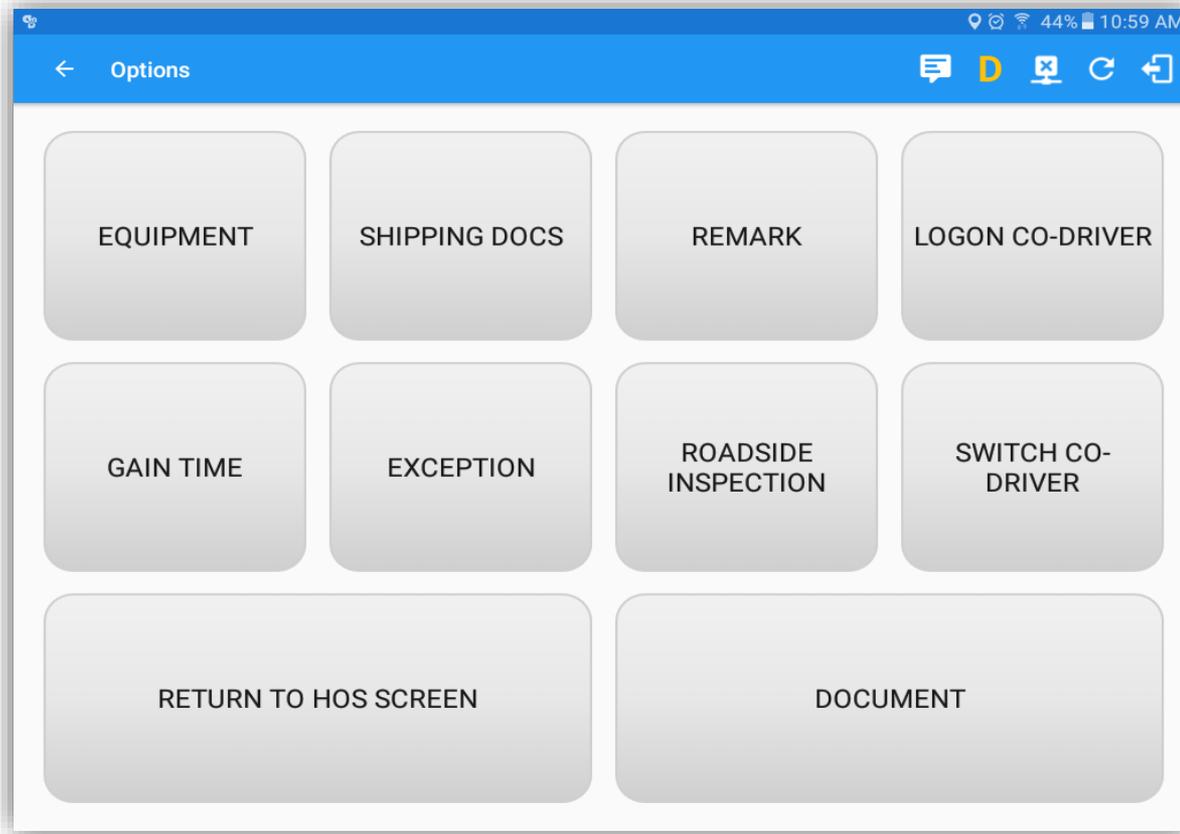


# Geosavi Hours of Service: Driver Options



Select the Options button from the Main Menu.

# Geosavi Hours of Service: Driver Options



To conform to FMCSA regulations, the Options menu provides the driver with the means to enter all required information if not available automatically.

# Geosavi Hours of Service: FMCSA Requirements

---

The following information must be included on the driver log in addition to the grid:

1. Date

This is captured automatically by the device when the driver logs in.

2. Total miles driving today

This is captured automatically by the device.

3. Truck or Tractor and \*Trailer number

Each device is provisioned to a vehicle following installation, therefore, the vehicle number is automatically captured when the driver logs in.

**\*The trailer number must be manually input by the driver following a successful log on**

4. Name of Carrier

This is captured automatically. The carrier name has been entered into the ATMSi web portal.

5. Drivers signature / Certification

If the driver is on paper logs, he/she must sign the log, if copies of the drivers electronic logs have been printed out from the ATMSi web portal, he/she must sign all copies before leaving the transportation office.

***Please ensure all of the above information is visible on your logs.  
Failure to do so could result in a 'Form & Manner' Violation***

# Geosavi Hours of Service: Logs – FMCSA Requirements

---

**The following information must be included on the driver log in addition to the grid:**

**6. 24-hour period starting time**

The electronic log will automatically default to a start time of midnight.

**7. Main office address**

The main office address has been entered into the ATMSi.

**8. Remarks**

A Remark is a descriptive comment that provides additional context for the activities recorded on a driver's log. A remark may be used to document fuel stops, meal breaks, pick ups and deliveries, or information pertaining to a driver's hours of service. Remarks are shown in the Log Events section of the driver log, both on the device and on the website, and also on hard copies of the log if printed out.

**System generated remarks**

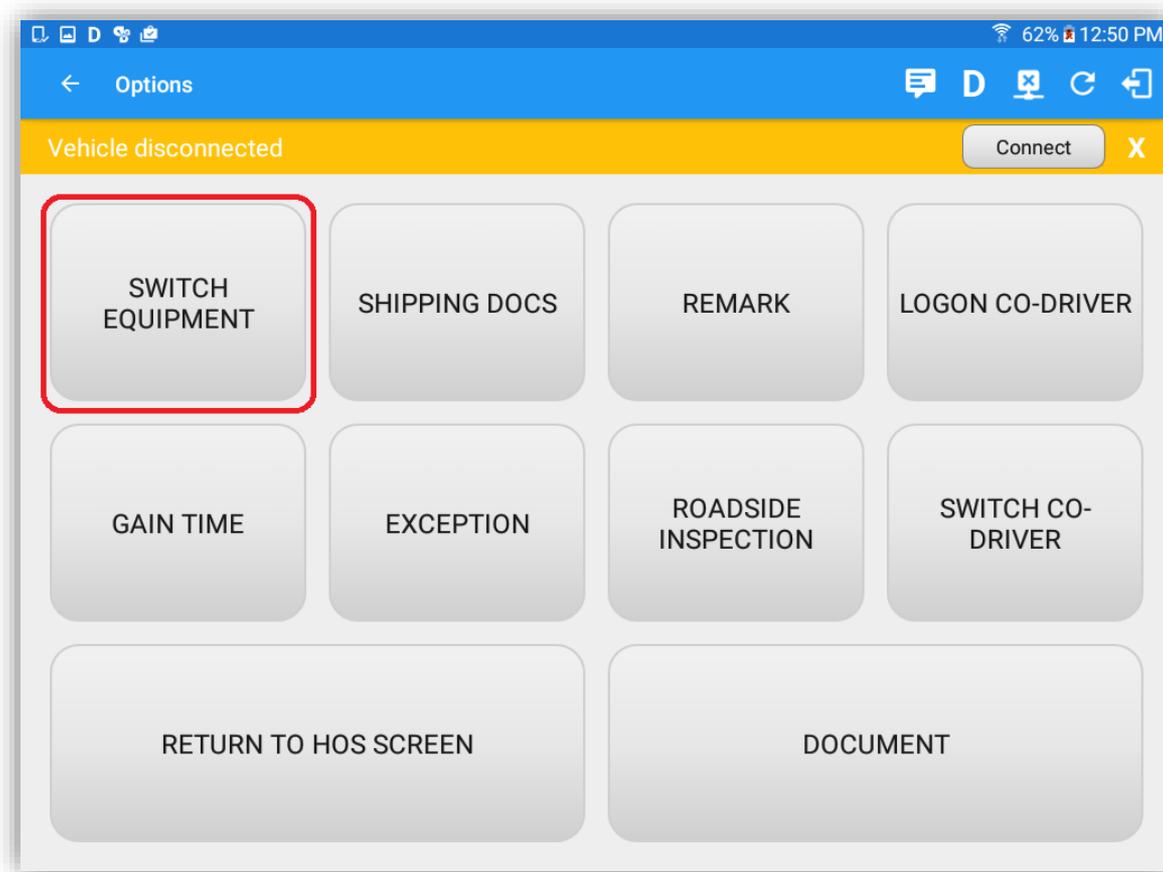
In some cases, the application software will automatically record a remark to document some action taken by the driver, an application of HOS rules, or atypical behavior of the recording device. An example of a system generated remark will be for the 34 Hour Reset.

**Beginning of Restart Period**

Displayed to mark the beginning of a 7 or 8 consecutive day period as calculated per the 34 hour restart rule for property carrying drivers.

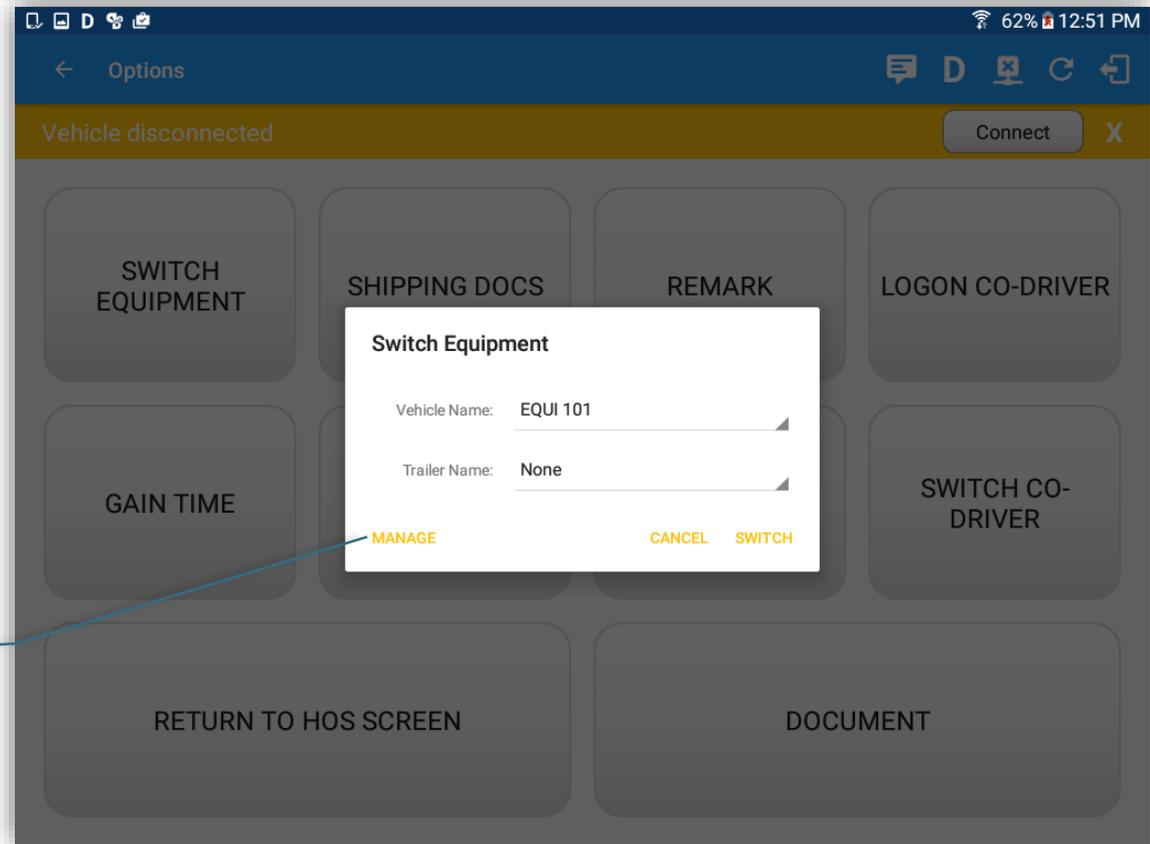
***Please ensure all of the above information is visible on your logs.  
Failure to do so could result in a 'Form & Manner' Violation***

# Geosavi Hours of Service: Driver Options – Switch Equipment



- If the device is portable and the driver is going to switch into a different vehicle, he/she can change the details of the vehicle ID, this will ensure that all vehicle IDs used during that log on period will be displayed on the drivers log.
  - Switch equipment can be performed also in the dashboard, by tapping the vehicle/trailer icon.

# Geosavi Hours of Service: Driver Options – Switch Equipment



Select to display the newly created vehicles in the Equipment Management page

If the vehicle or trailer name is incorrect or is not displayed, please enter the correct ID, this will then be displayed on your log. If the vehicle is in motion, switching equipment is not allowed.

- The 'Manage' button is only available to drivers whose user role is FLEETMANAGER or ASSETADMIN. Otherwise, the button will not be available on the Switch Equipment dialog.

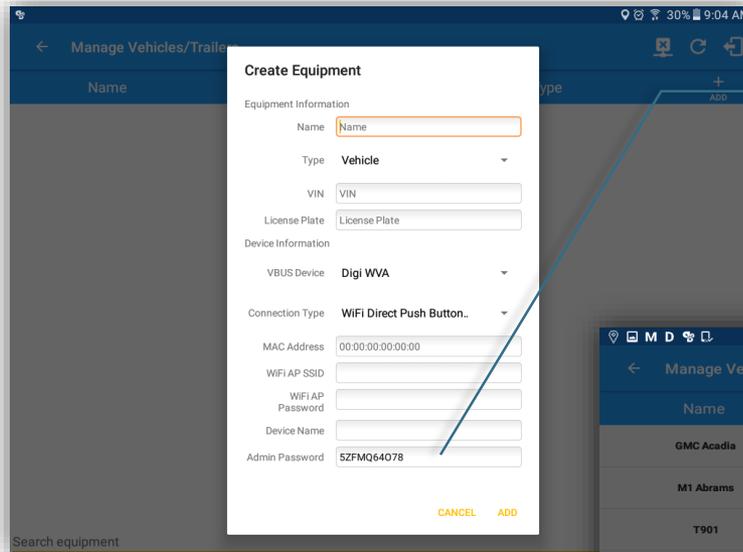
# Geosavi Hours of Service: Manage Vehicles/Trailers

Name	License Plate	VIN	Type	
QA-M Vehicle 1	13 TRU 58	20UYA31581L000000	Vehicle	
QA-M Vehicle 2	14 TRU 58	21UYA31581L000000	Vehicle	
QA-M Vehicle 3	15 TRU 58	22UYA31581L000000	Vehicle	
Trailer1	34 TRA 17		Trailer	
Trailer2	35 TRA 17		Trailer	
Trailer3	36 TRA 17		Trailer	
Truck 45	12 TRU 58	19UYA31581L000000	Vehicle	
Vehicle1	QAM-009	QA-MVEHICLE201609	Vehicle	

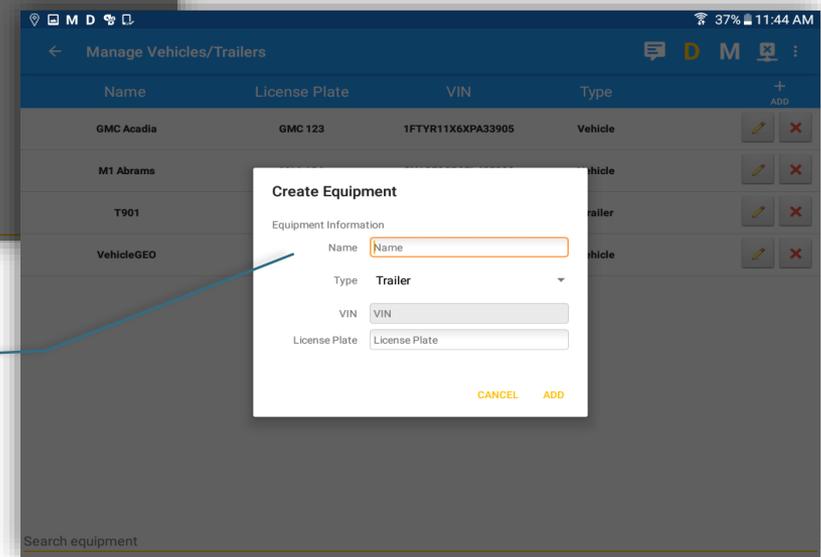
Search equipment

- Equipment added through the portal can be edited or deleted from the app. Also equipment added from the app can be edited or deleted in the portal.

# Geosavi Hours of Service: Manage Vehicles/Trailers



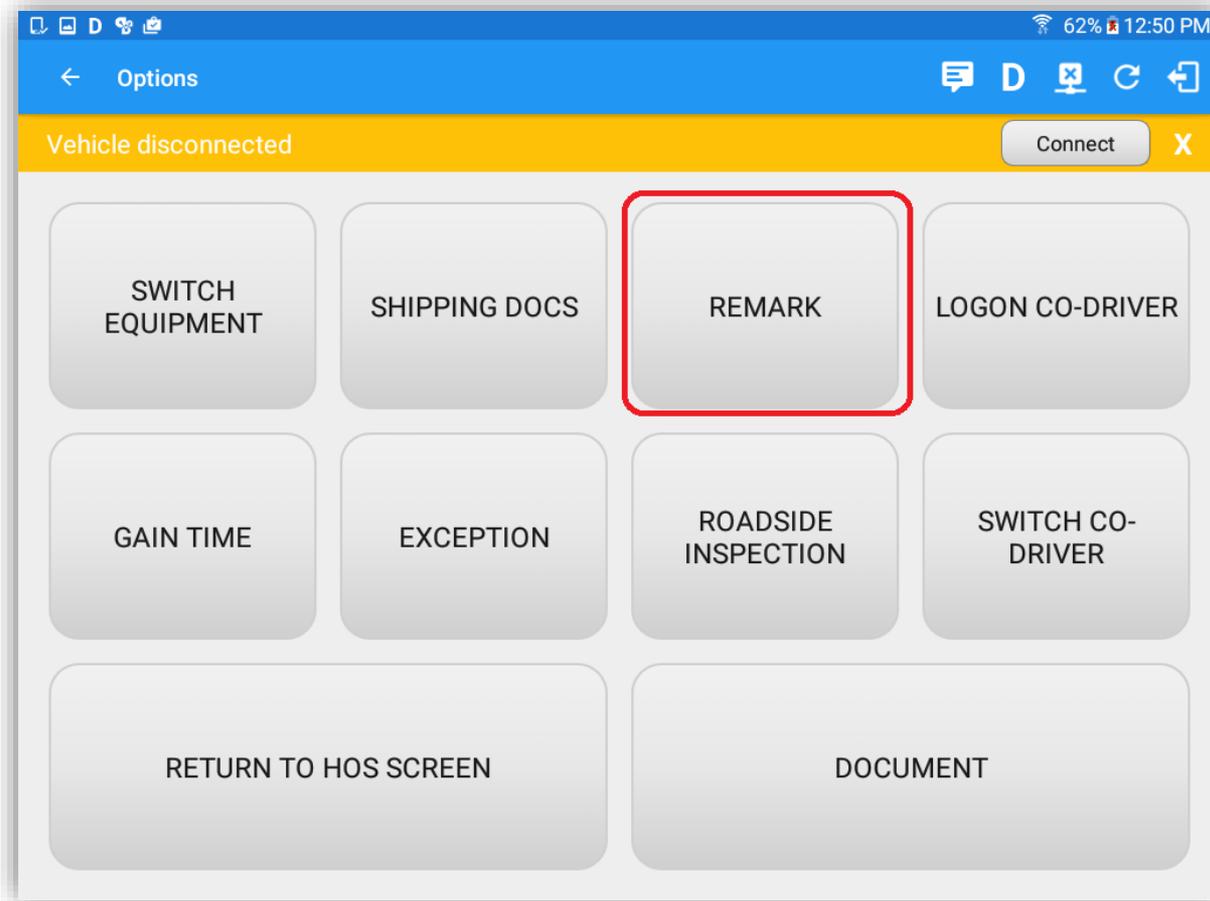
• *Dialog for Vehicle Type Equipment*  
• *If user selects "Digi WVA" in connection type, then admin password field is required.*



*Dialog for Trailer Type Equipment*

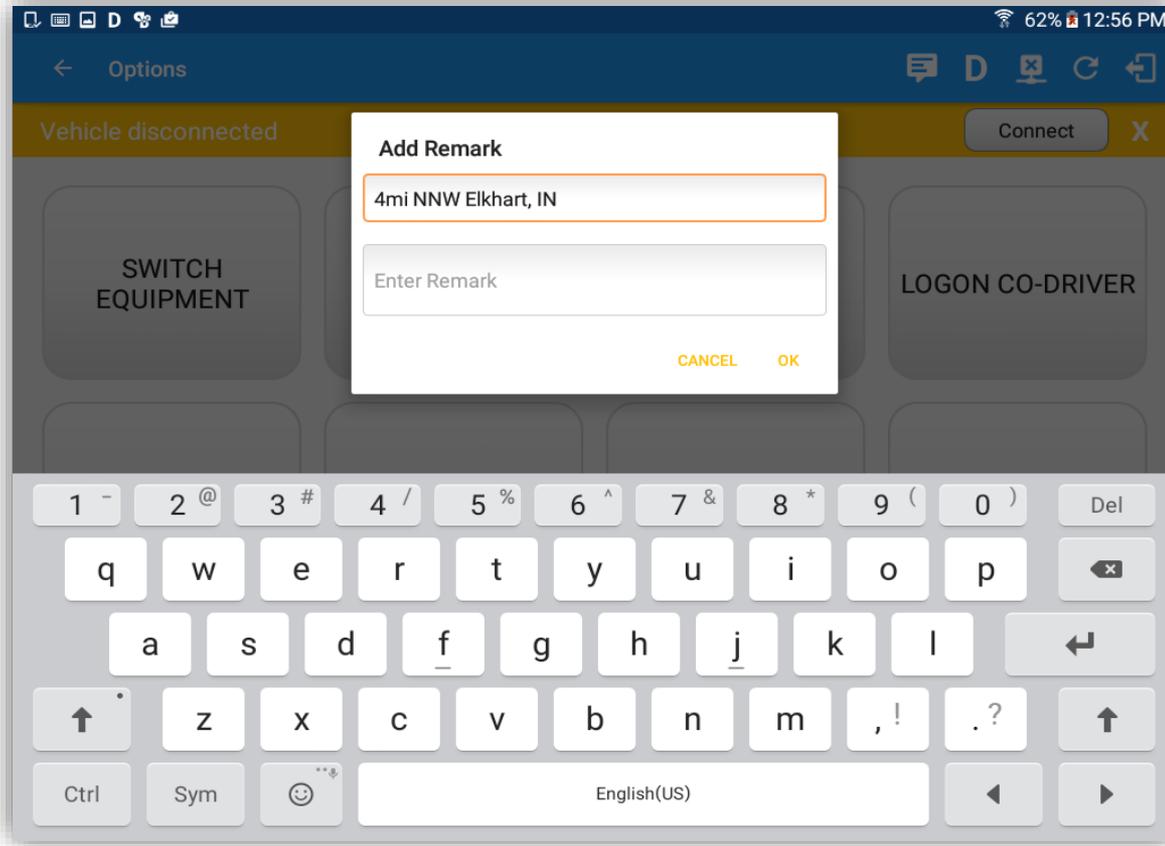
- The Vehicle type of equipment can be preconfigured to associate the app to a specific VBUS device. However, Trailer type cannot be associated to a VBUS device.
  - **Note:** *The connection type defers on the VBUS Device selected.*

# Geosavi Hours of Service: Driver Options - Remark



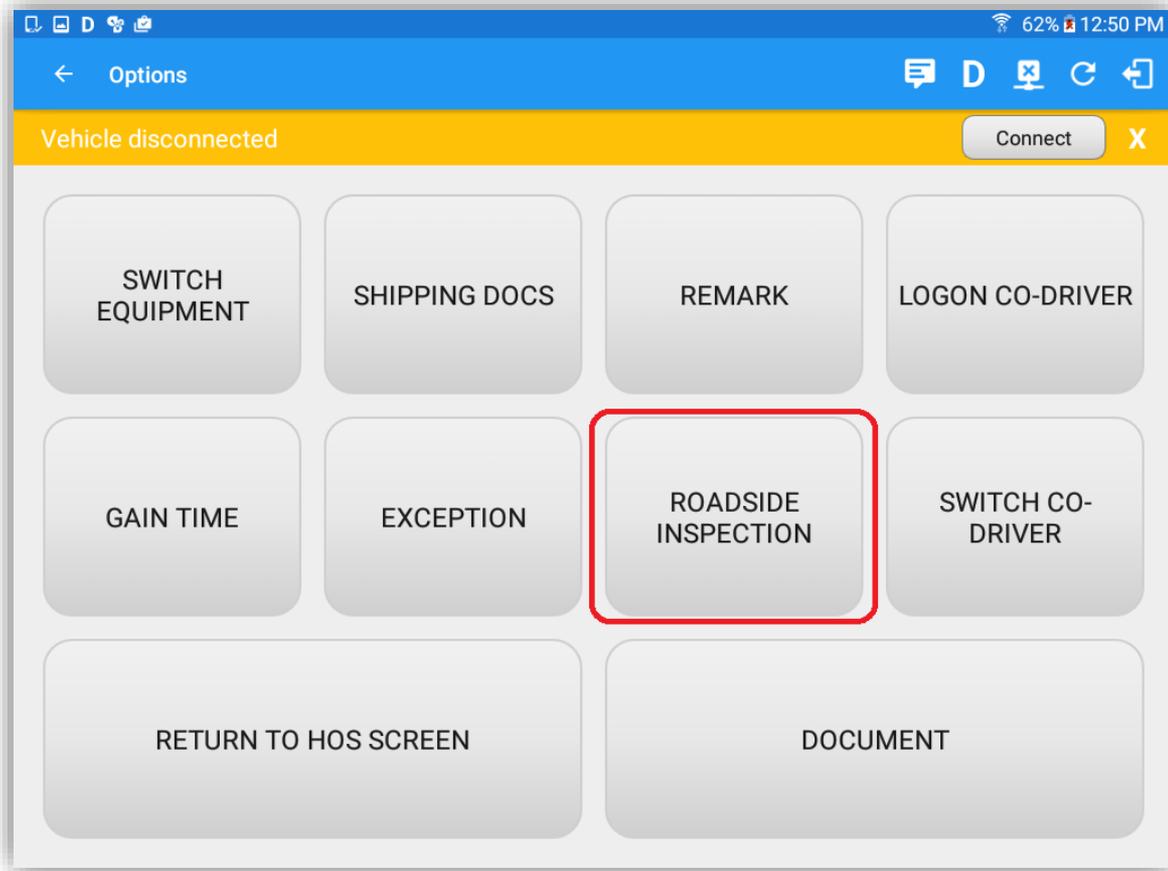
The driver can add remark to his/her log by selecting the Remarks option.

# Geosavi Hours of Service: Driver Options – Add Remark



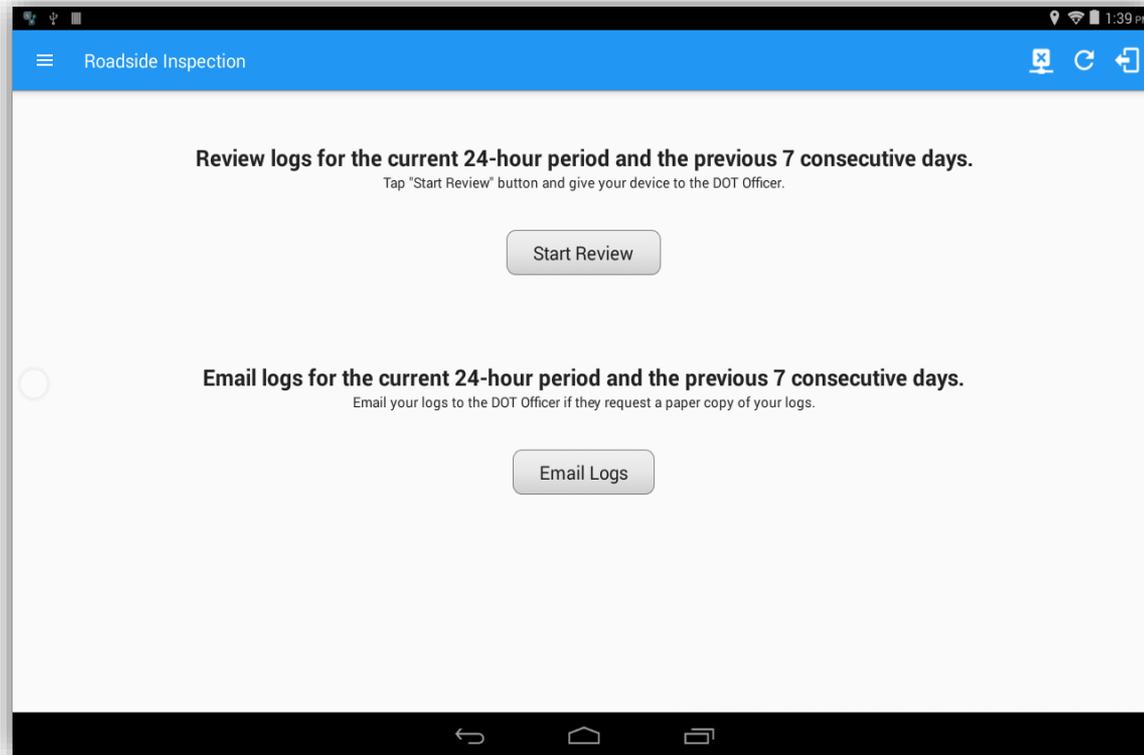
The driver can add remarks (location, notes or comments) to their logs which can be viewed on the host website or the mobile device.

# Geosavi Hours of Service: Roadside Inspection



Select the 'Roadside Inspection' option to view or to email your previous seven days logs.

# Geosavi Hours of Service: Roadside Inspection



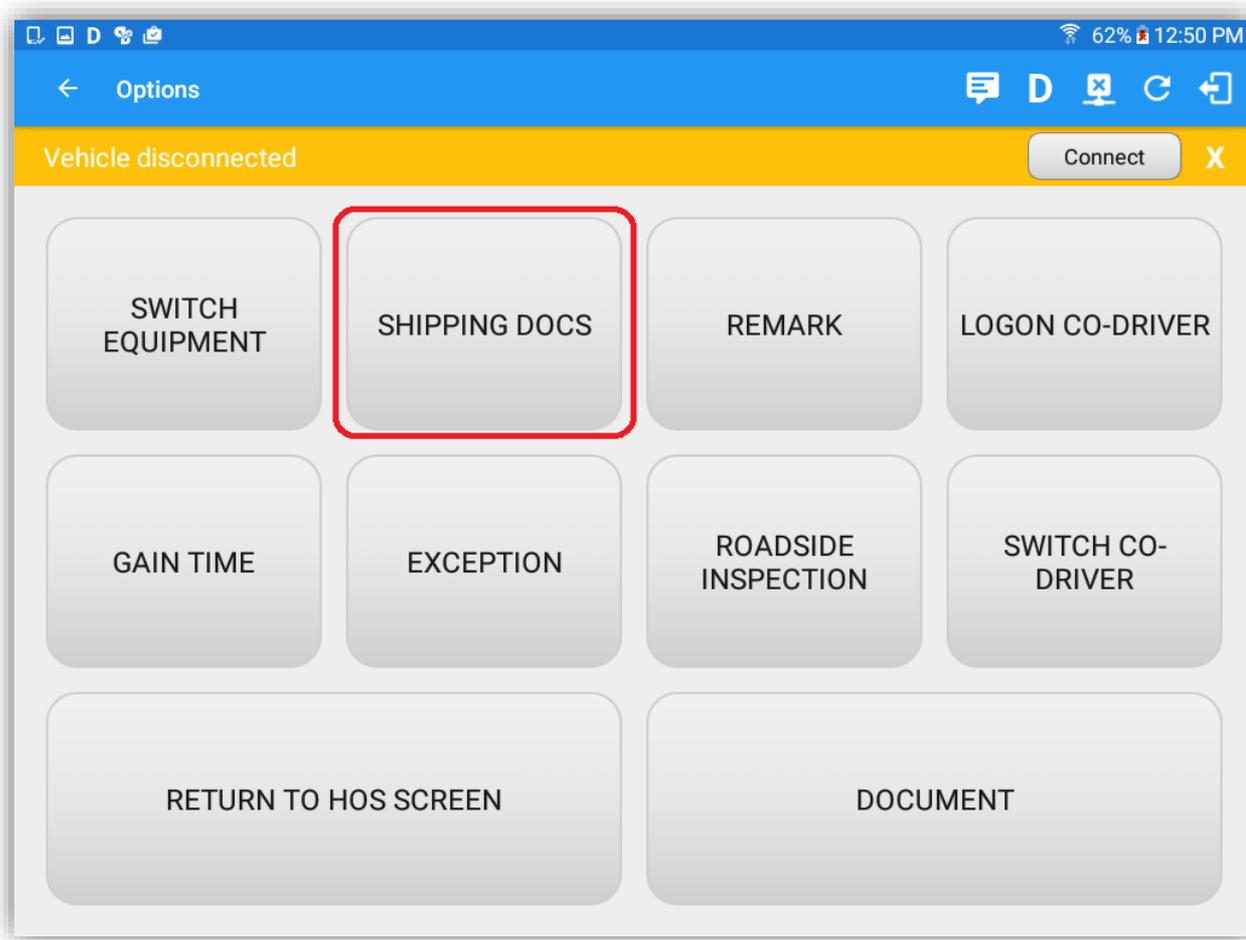
Select the 'Start Review' option to view the previous seven days logs or select the 'Email Logs' to attach the previous seven days logs to an email.

# Geosavi Hours of Service: Roadside Inspection



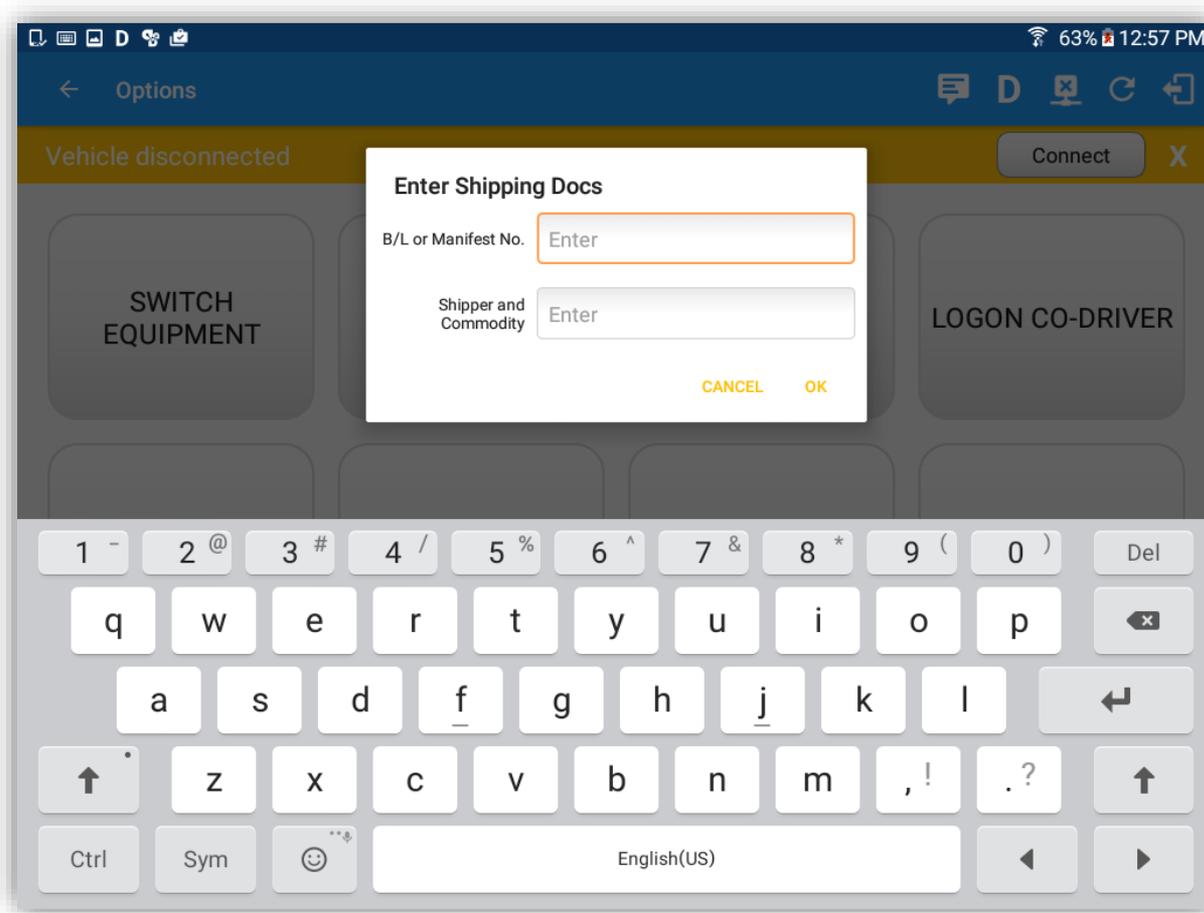
Tapping the "Select" button will show the individual daily logs. In addition, violations are not displayed and will not reflect on the grid chart when viewed here.

# Geosavi Hours of Service: Shipping Docs



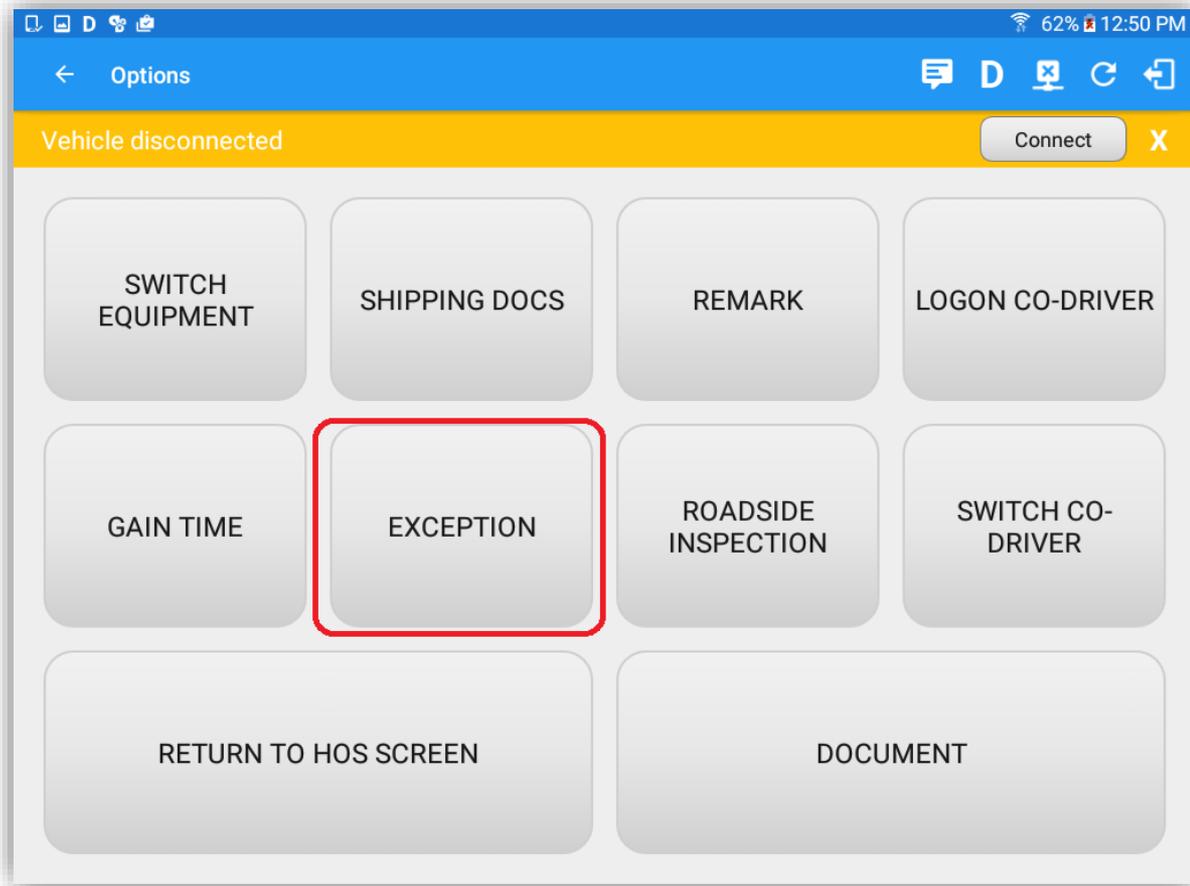
Select the 'Shipping Docs' option to enter your shipment ID.

# Geosavi Hours of Service: Shipping Docs



Enter your shipment ID as agreed with your employer and enter the Shipper or Commodity.

# Geosavi Hours of Service: Add Exception



Before applying any exception rule, you must first follow all processes currently in place with your transportation office.

# Geosavi Hours of Service: What is an Exception?

---

An exception is an exceptional circumstance in which a driver is permitted per FMCSA HOS regulations to extend the maximum driving time.

Geosavi Hours of Service supports the following exceptions for **USA Region**:

**Waiting Time at Well Site** – In the case of specially trained drivers of commercial motor vehicles that are specially constructed to service oil wells, on-duty time shall not include waiting time at a natural gas or oil well site. Such waiting time shall be recorded as “off duty” time.

**16 Hour** - In the case of drivers of property-carrying vehicles who return to their work reporting location and are released from duty at the end of each work day, drivers may extend the 14 consecutive hour duty window to 16 consecutive hours, once every 7 consecutive days.

**Note:** The driver must attest that all conditions for claiming this exception have been met. May not be combined with the **Adverse Conditions** exception.

**Adverse Driving Conditions** – means snow, sleet, fog or other adverse weather conditions, a highway covered with snow or ice, or unusual road and traffic conditions, none of which were apparent on the basis of information known to the person dispatching the run at the time it was begun.

**Emergency Conditions** – In case of any emergency, a driver may complete his/her run without being in violation of the provisions of the regulations if such a run, reasonably could have been completed absent the emergency.

# Geosavi Hours of Service: What is an Exception?

---

Geosavi Hours of Service supports the following exceptions for **Canada Region**:

**2 Hour Driving Extension Special Permit** – (Section 62)

**Oil Well Service Permit** - In the case the drivers for Oil well service vehicles need to work longer periods than the cycle limit allows, if granted, the motor carrier and their designated drivers are authorize to operate under special terms and conditions for a maximum of 1 year. (Section 63)

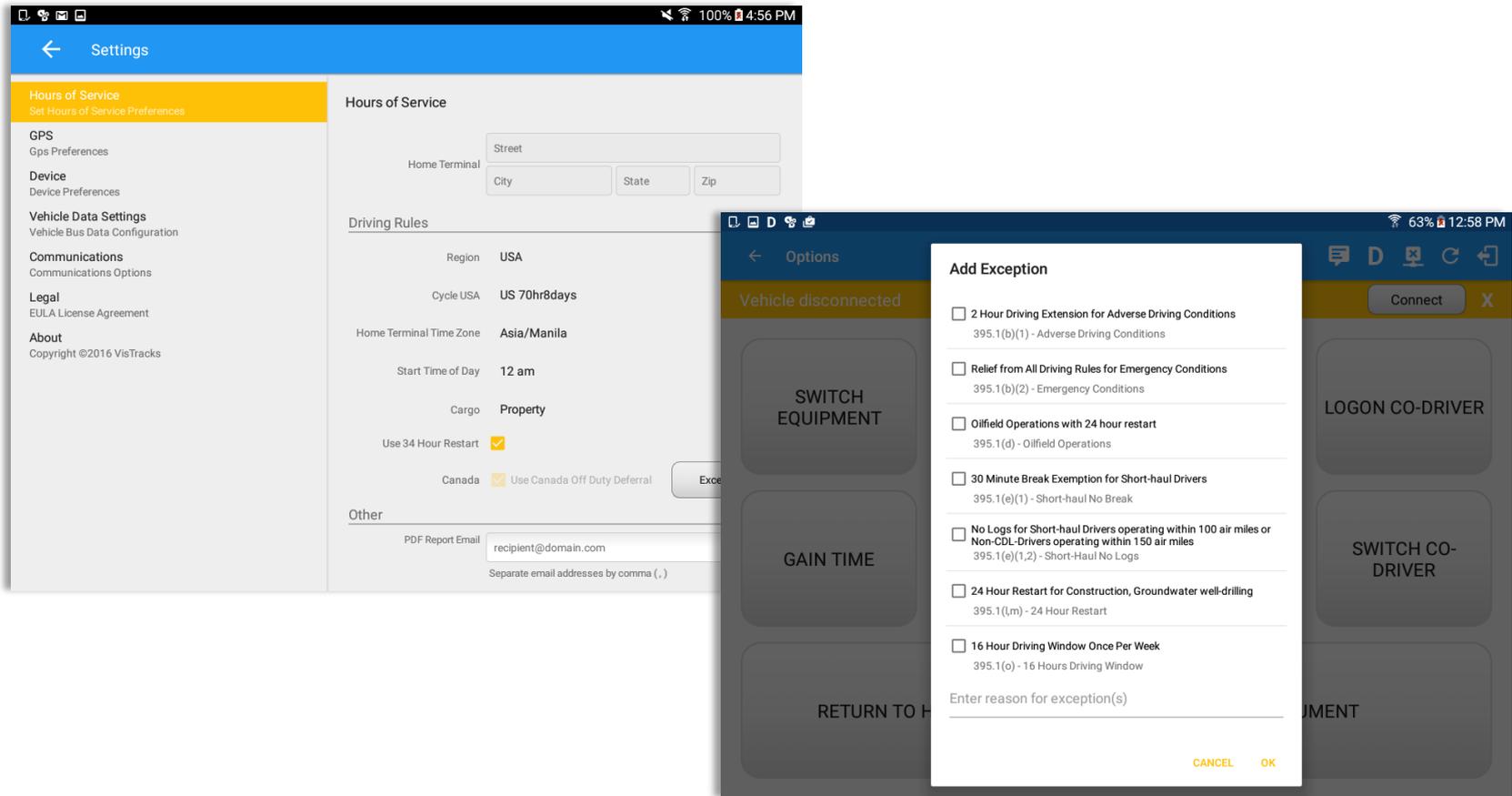
**Emergency Conditions** – In case of any emergency, a driver may complete his/her run without being in violation of the provisions of the regulations if such a run, reasonably could have been completed absent the emergency. (Sections 76 (1)).

**Note:** The driver must attest that all conditions for claiming this exception have been met. May not be combined with the **Adverse Conditions** exception.

**2 Hour Driving Extension for Adverse Driving Conditions** – In case the driver was not aware of, and the driver could have not predicted any prior event to the Start of the Trip. The driver can increase the driving and on-duty time in the cycle by up to 2 hours and decrease daily off-duty time by up to 2 hours. The driver must stop driving after 16 hours of elapsed time in work shift. (Section 76(2,3))

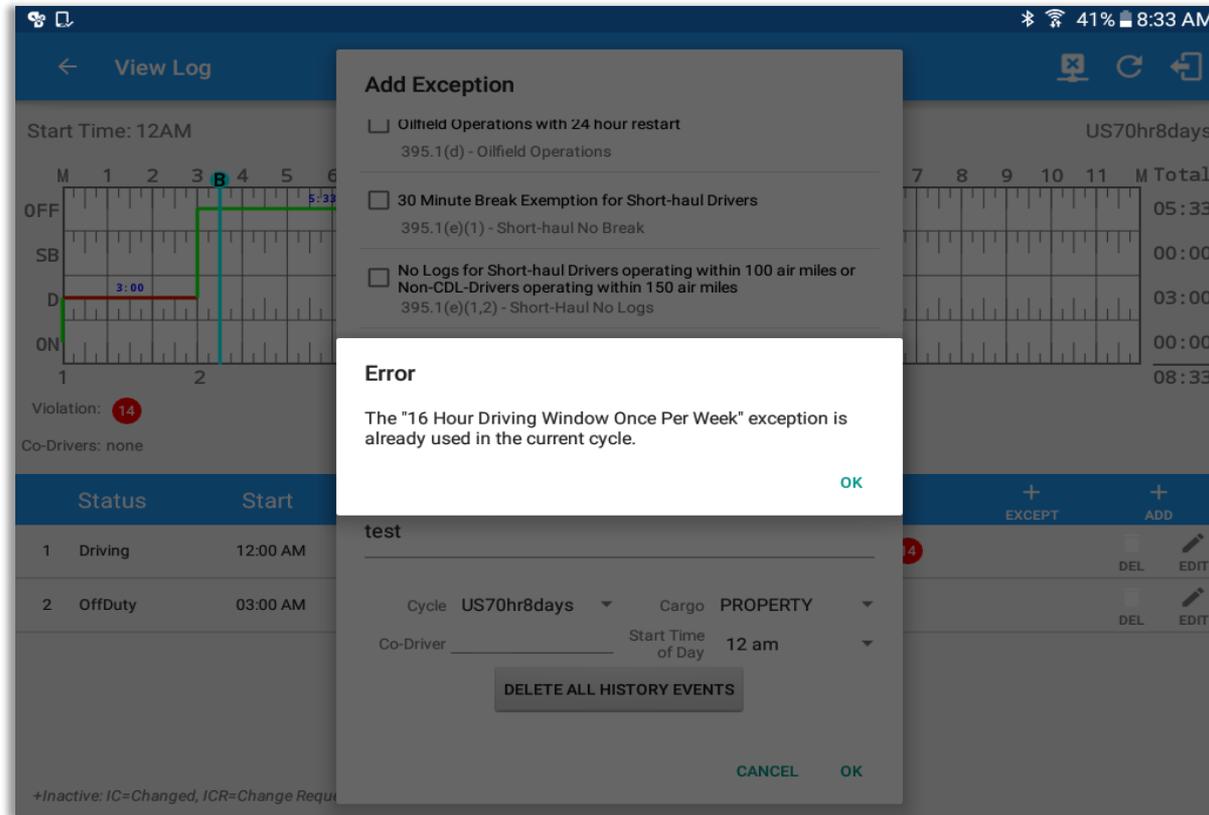
**No logs for drivers operating within 160km of home terminal** – In case a Driver operates a commercial vehicle within a radius of 160km of the home terminal then the driver does not need to fill out a daily log. The Home Terminal is the motor carrier's place of business where the driver normally reports for work. Radius means "by-air" so using the home terminal as the centre point on a map. The driver however, needs to maintain a accurate record of duty status for each day. (Section 81)

# Geosavi Hours of Service: Add Exception (USA Region)



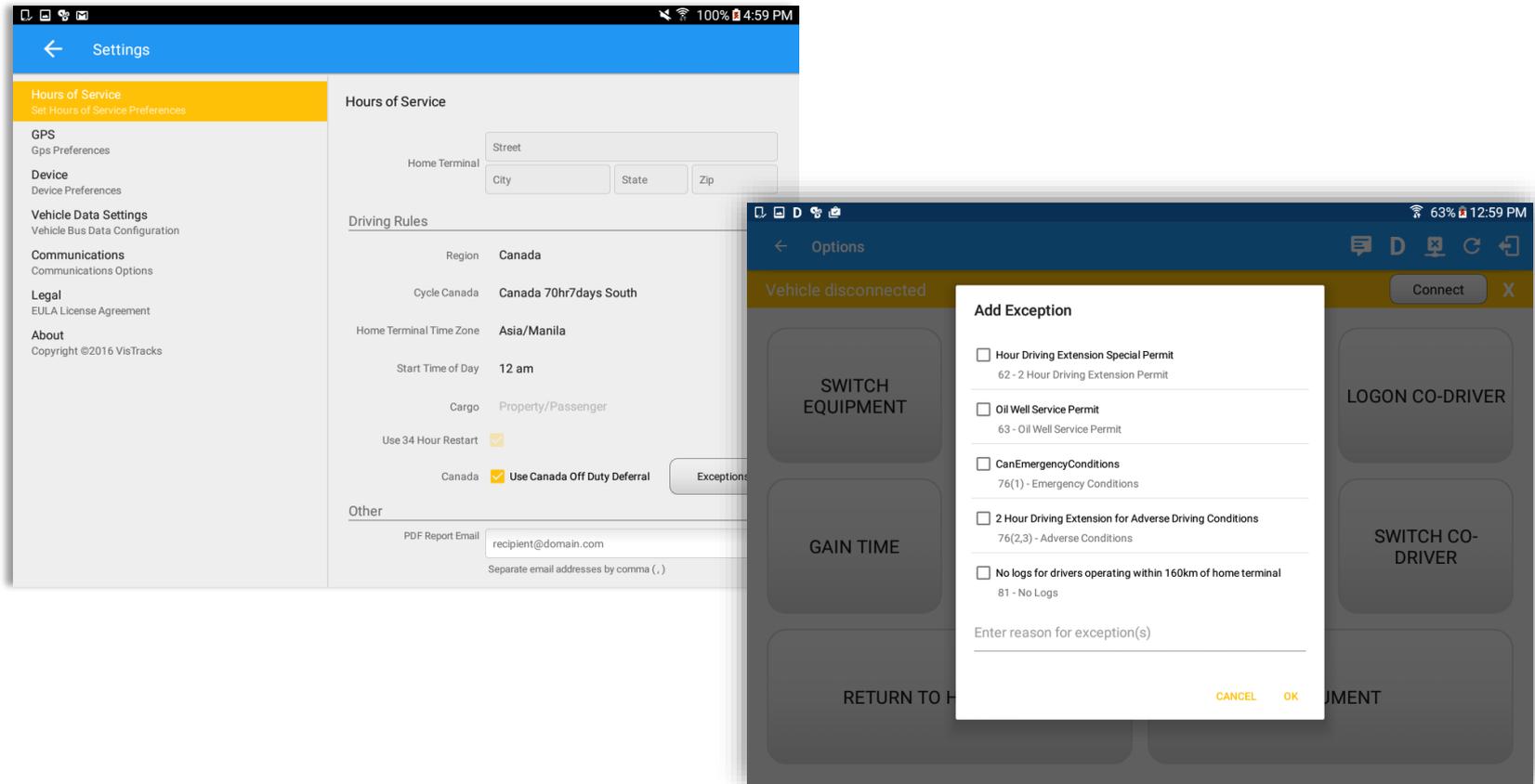
Before applying any exception rule, you must be absolutely certain that all prerequisites have been met, you must also follow any or all processes currently in place with your transportation office. Once the appropriate rule has been selected, select the OK option to continue.

# Geosavi Hours of Service: Add Exception (USA Region)



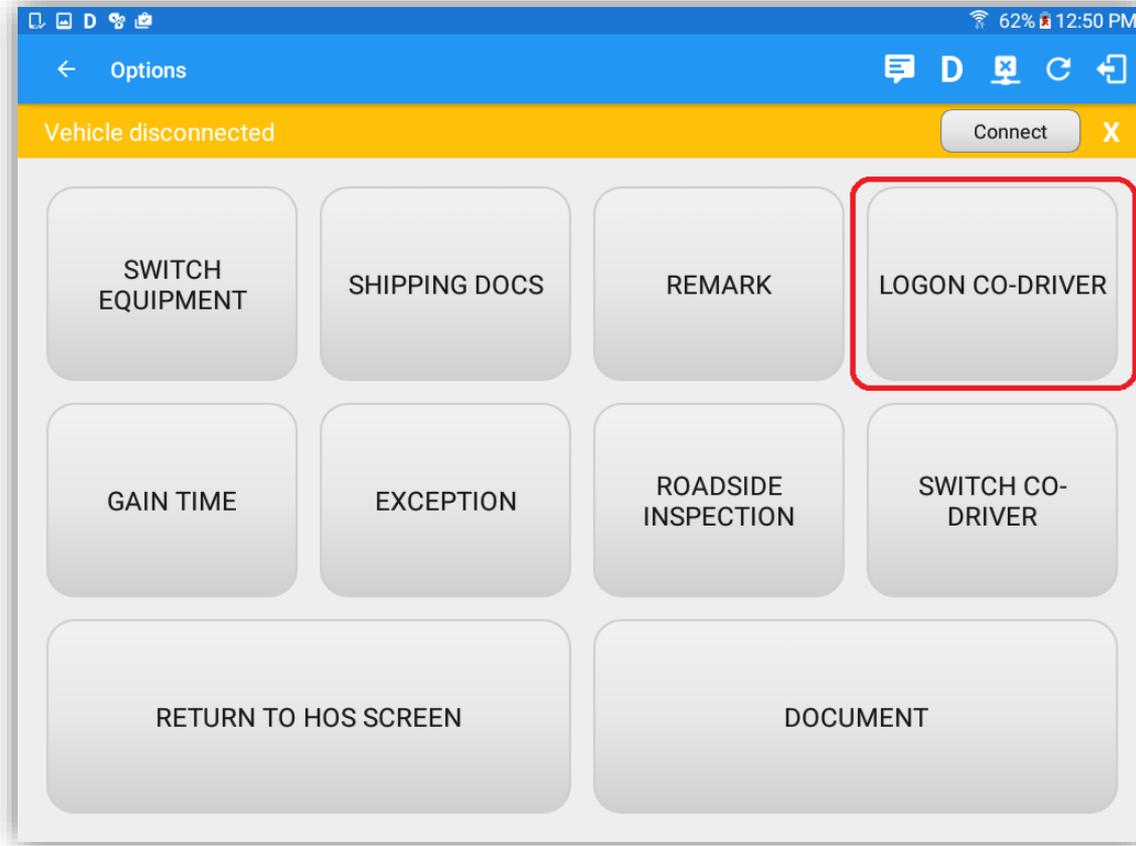
- The '16 Hour Driving Window' exception can only be used once for the last 7 days or in every 70hr cycle, if the driver attempted to enable the exception, an error dialog will display. However, it is possible for the driver to add another '16 Hour Driving Window' exception when a cycle reset has occurred. Nevertheless the driver will need to wait for the current cycle to end to be able to enable the exception again.

# Geosavi Hours of Service: Add Exception (Canada Region)



There are separate exceptions displayed depending on the Region selected. If the selected Region is USA then the exceptions displayed will show all USA exceptions, same process if the selected Region is Canada.

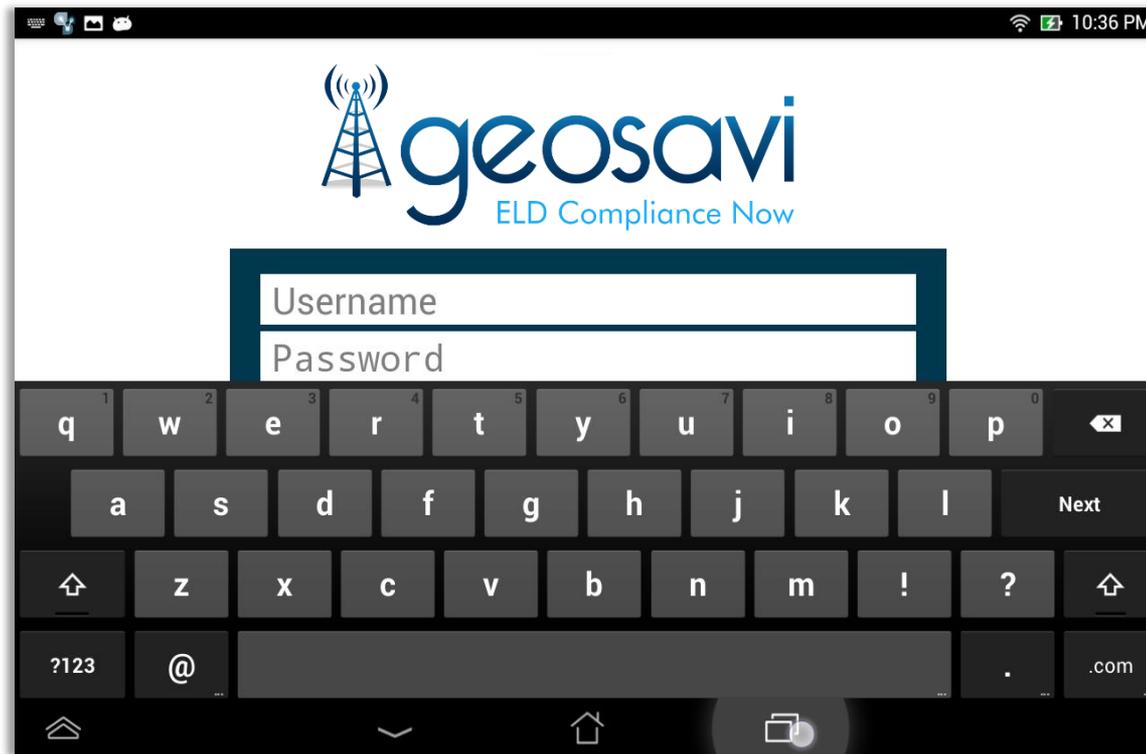
# Geosavi Hours of Service: Logon Co-Driver



To log on further drivers, select the 'Logon Co-Driver' option.

# Geosavi Hours of Service: Logon Co-Driver

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Enter the logon details as before.

The diagram illustrates the process of a co-driver logging into the system. On the left, the 'Main Driver's Account' lock screen displays a 'BREAK WARNING' with a large '07:59' timer and the message 'NO UPCOMING VIOLATION'. A small orange link 'ACCESS CO-DRIVER LOGS' is visible at the bottom left. A blue curved arrow points from this screen to the 'Co-Driver's Account' dashboard on the right. The dashboard, titled 'Hours of Service', shows user information for 'Billy Everett' (ID: 2016203) and a 'Time remaining' of '00:00'. A dropdown menu is open over the 'Time remaining' section, listing 'OffDuty', 'Sleeper', and 'OnDuty ND'. The dashboard includes several functional buttons: 'DATA TRANSFER', 'OPTIONS', 'LOGS', 'RECAP', 'START BREAK', 'DVIR', and 'SHIFT/CYCLE'. The status bar at the top right of the dashboard shows '100%' battery and '9:29 AM'.

**Main Driver's Account**

**Co-Driver's Account**

When in Team Driving, The Co-Driver is allowed to review his/her information by having the “Access Co-Driver Logs” option on the lock screen which allows them to access the Hours of Service dashboard and subsequently select the Logs option while the vehicle is still in motion.

When in Review Mode the Co-Driver **cannot** receive or access:

- × Driving Notifications and alerts which relates to the Primary Driver
- × Lock screen will not display even if the vehicle is in motion
- × Cannot switch vehicle
- × Cannot change the current event in to Driving event
- × Cannot update any preferences related to background services

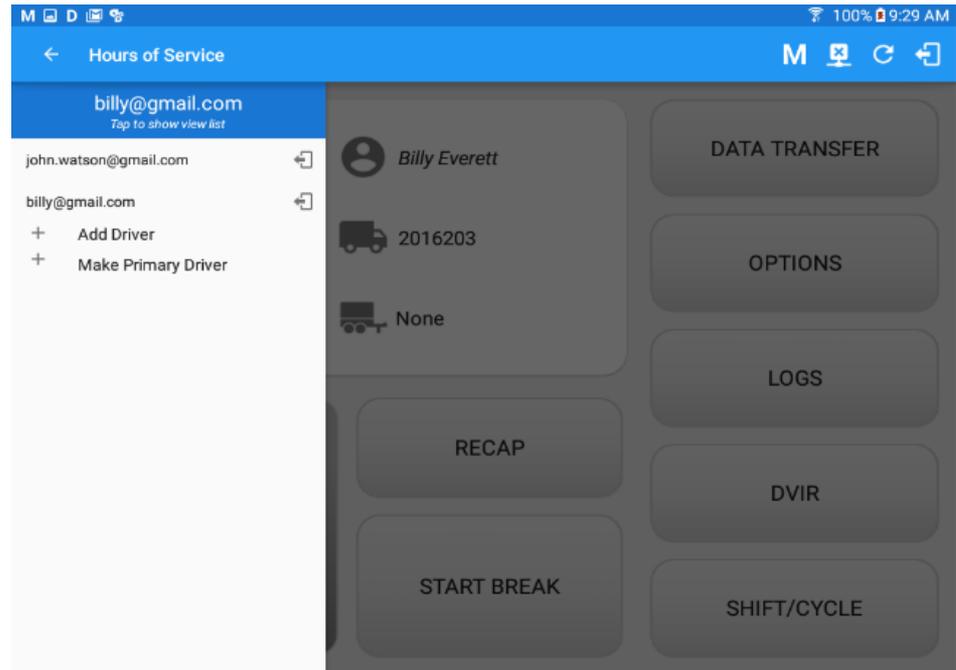
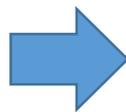
When in Review Mode the Co-Driver **can** receive or access:

- ✓ Data Diagnostics and Malfunctions pop-up dialogs
- ✓ Pending Edit Request(s)
- ✓ Allow modifications on previous events
- ✓ Can edit current event to OnDuty ND, OffDuty & Sleeper except changing it into Driving

- Once the Co-Driver has successfully logged in, the main dashboard is displayed with the co-driver's information while setting the app in Review Mode with limited capabilities.
- The ELD also allows the driver to reassign his driving time to a co-driver.

# Geosavi Hours of Service: Logon Co-Driver – Make Primary Driver

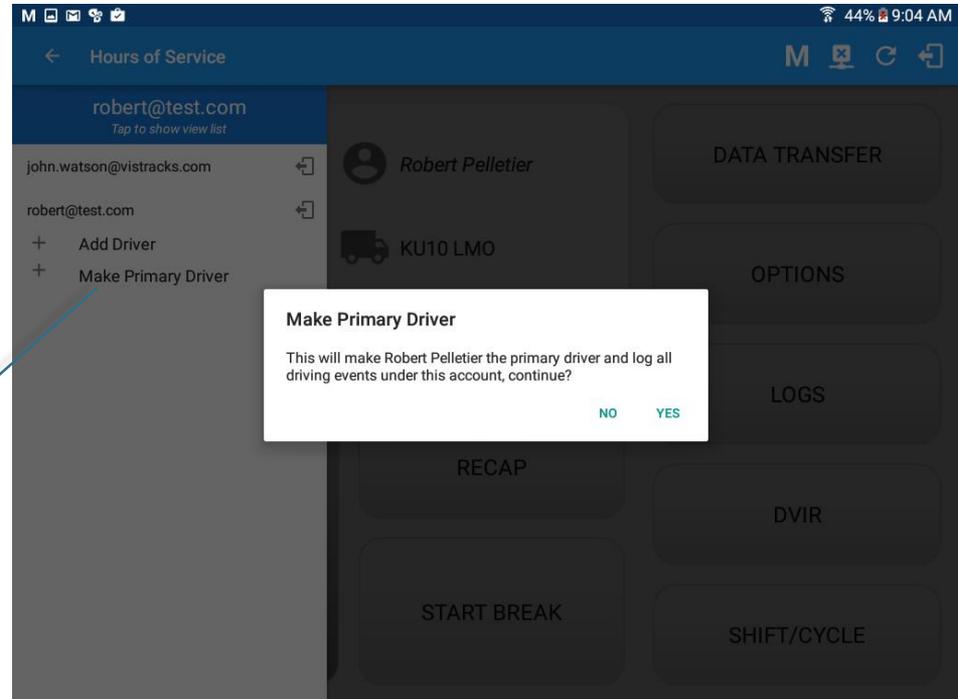
+ Make Primary Driver



- A driver that is set as the Primary Driver is the one currently using the application while the other one is only in the monitoring state
- When a Co-Driver is in Review Mode and the vehicle is not in motion, an option to make the co-driver become the Primary Driver is available within the Drivers list.

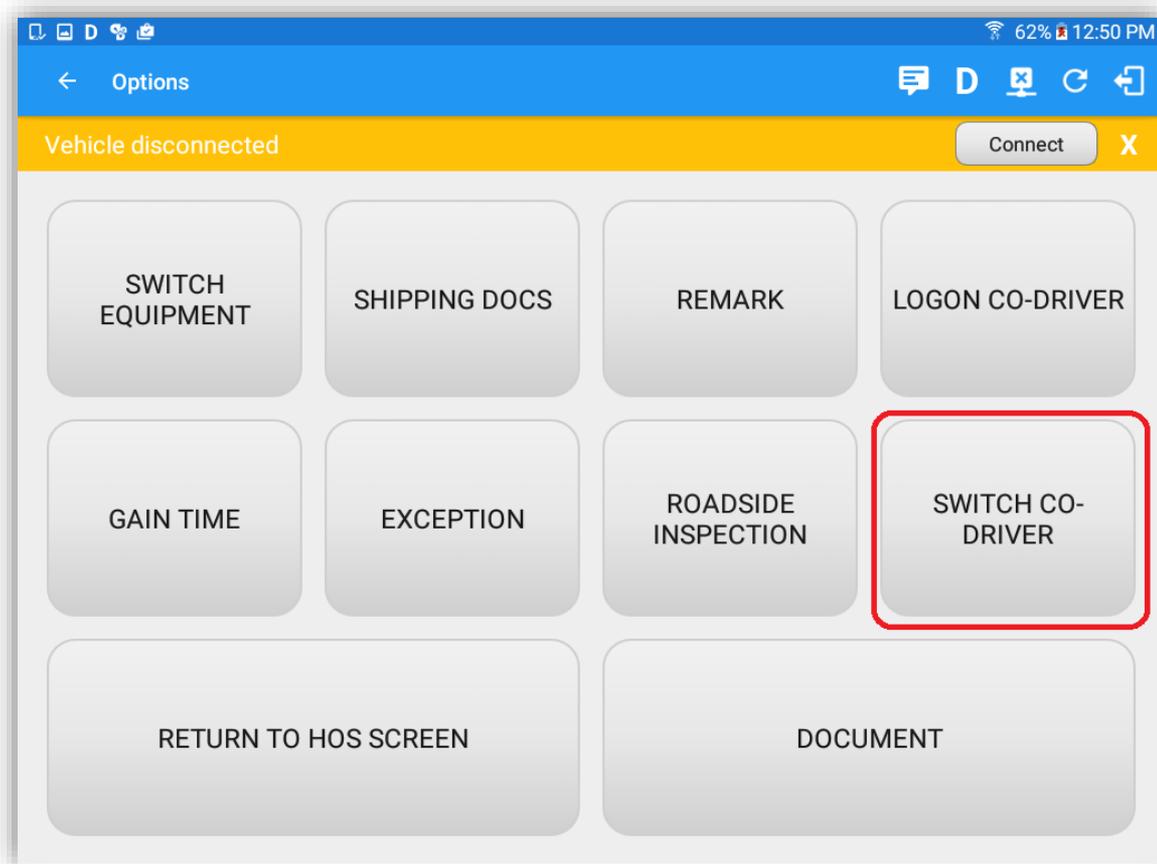
# Geosavi Hours of Service: Logon Co-Driver – Make Primary Driver

Tap on the “Make Primary Driver” button to display the confirmation dialog



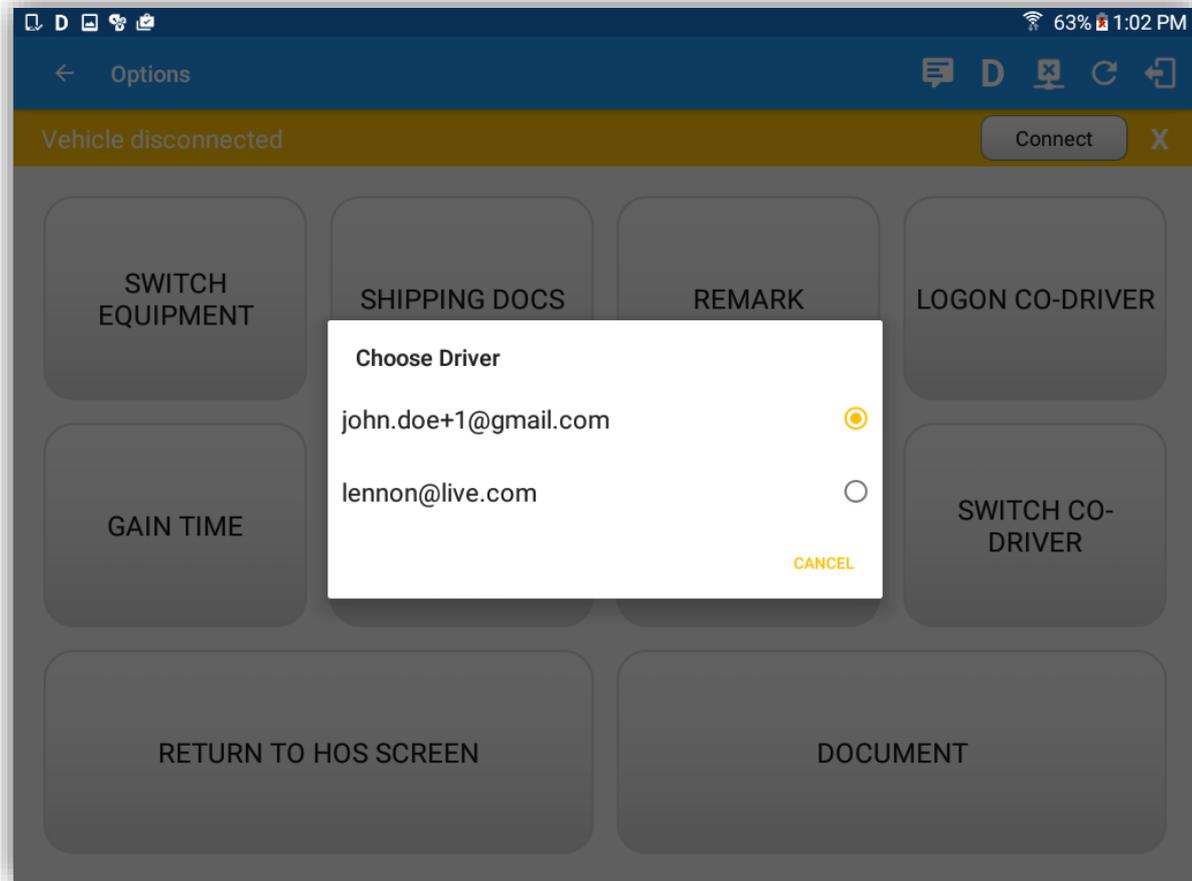
- If **YES** is tap, the VBUS services will restart under the new primary driver's account.
- The “**Make Primary Driver**” button will be disabled when the main driver is in a driving state, which will then display a label stating “*Cannot Change Driver While Driving*”.

# Geosavi Hours of Service: Switch Co-Driver

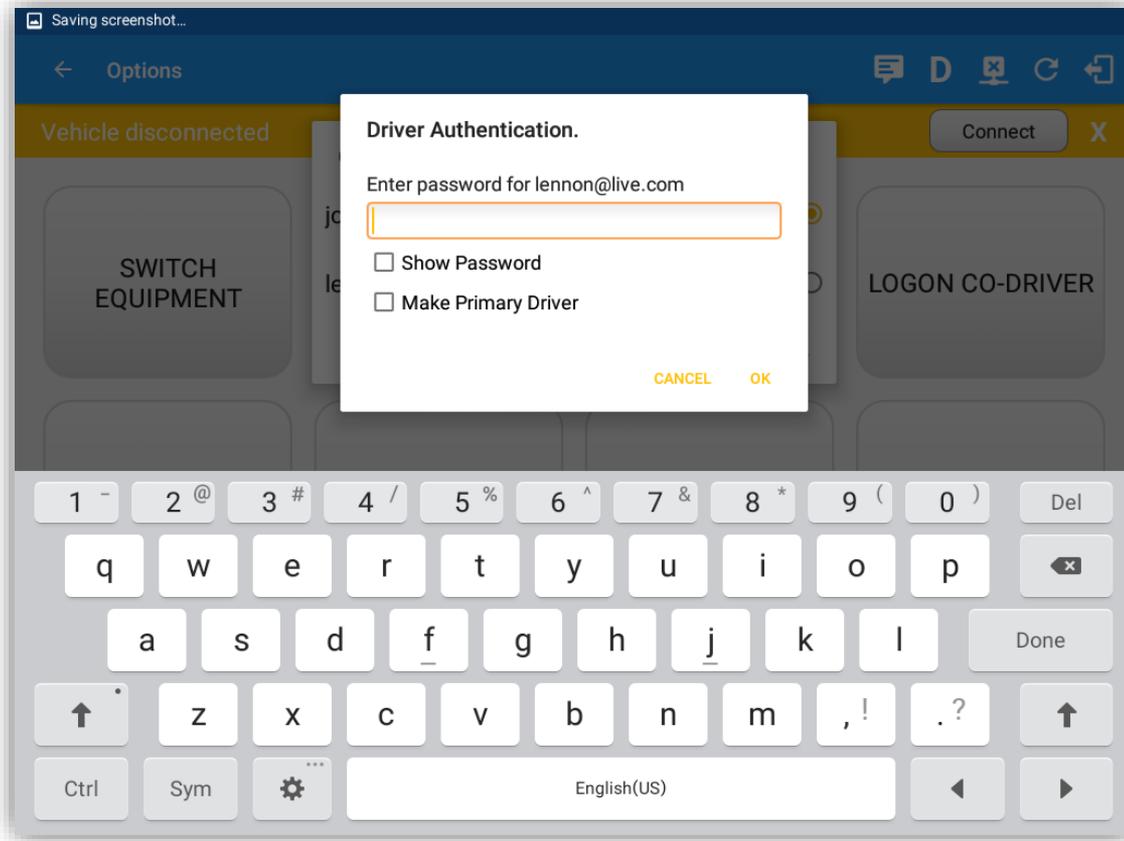


Select the 'Switch Co-Driver' option to switch between all logged on drivers.

# Geosavi Hours of Service: Switch Co-Driver

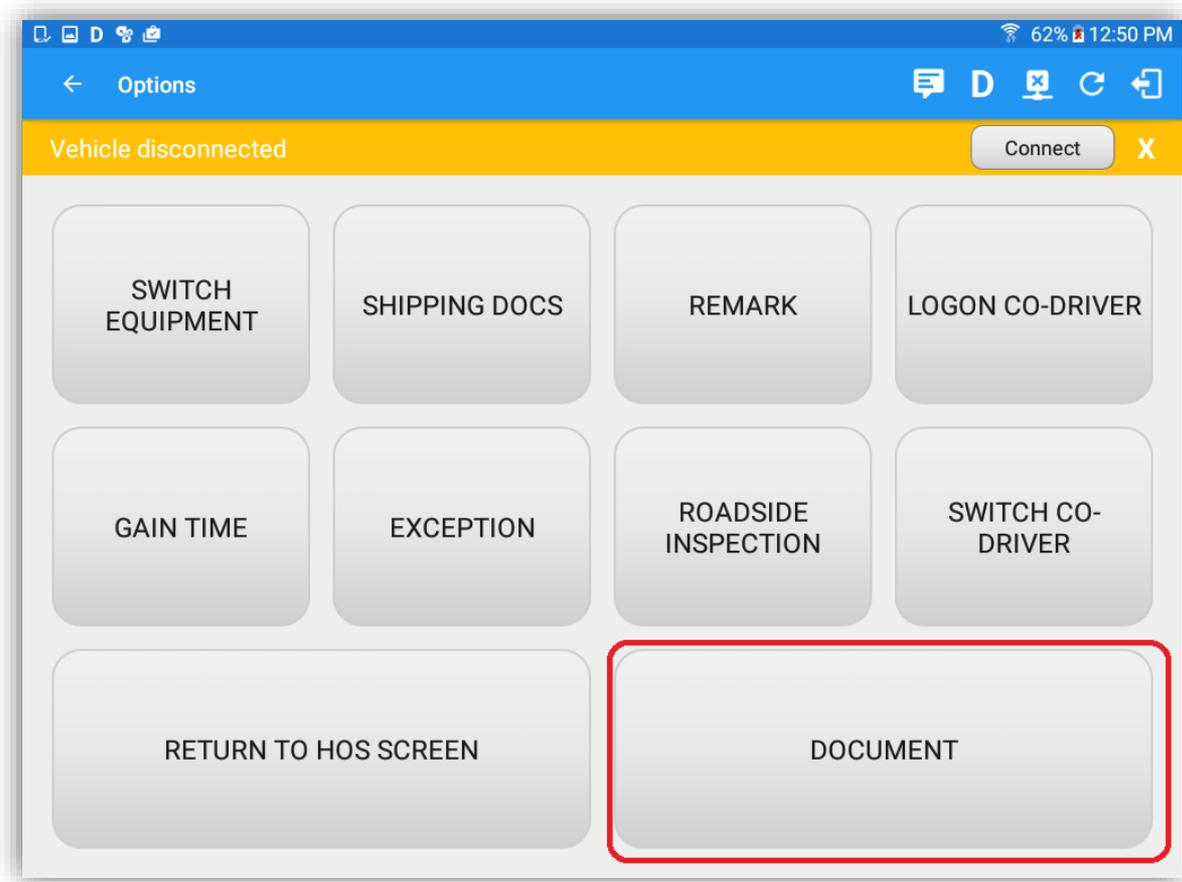


Select the required driver to view their HOS details.



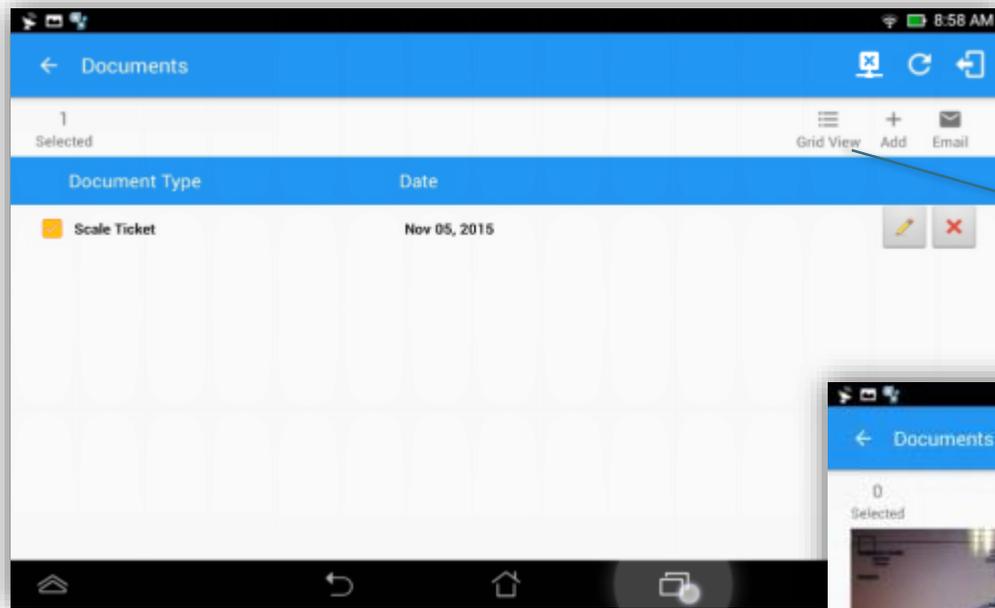
Before successfully switching to a different driver, the Hours of Service app will require re-authentication by the co-driver.

# Geosavi Hours of Service: Add Document



- Select 'Document' to display Document module and can add, edit, delete and email documents.

# Geosavi Hours of Service: Add Document



Grid View



Select to Edit the Document Details



Select to Delete the Document Details

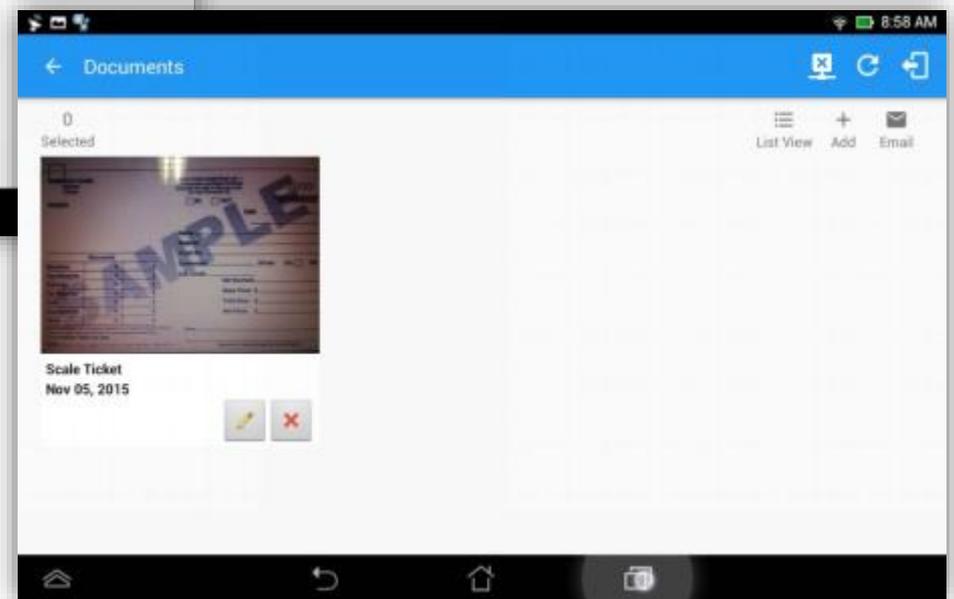


Select to Add a Document



Select to Email a Document

**Note:** Select at least one document



List View

# Geosavi Hours of Service: Add Document

← Add New Document

Document Details

Document Type: Scale Ticket

Reference No: Add Reference No.

Notes: Add Notes

COMPANY NAME  
Address  
Phone

Weights

Discounts	
Moisture	%
Test Weights	%
Damage	%
For Material	%

Fill in to add Reference No. & Notes

← Add New Document

Document Details

Document Type: Bill of Lading

Reference No:

Notes: Fuel Receipt  
Accident Photo  
Citation  
Scale Ticket  
Other

Moisture %  
Test Weights %  
Damage %  
For Material %

Select to choose the Document Type

Select to 'OK' to save the document

Saving screenshot...

← Add New Document

COMPANY NAME  
Address  
Phone

Weights

Discounts	
Moisture	%
Test Weights	%
Damage	%
For Material	%
Cröl	%
Assessment	%
Other	%

Name  
Material  
Truck No.  
Commodity  
U.S. Grade

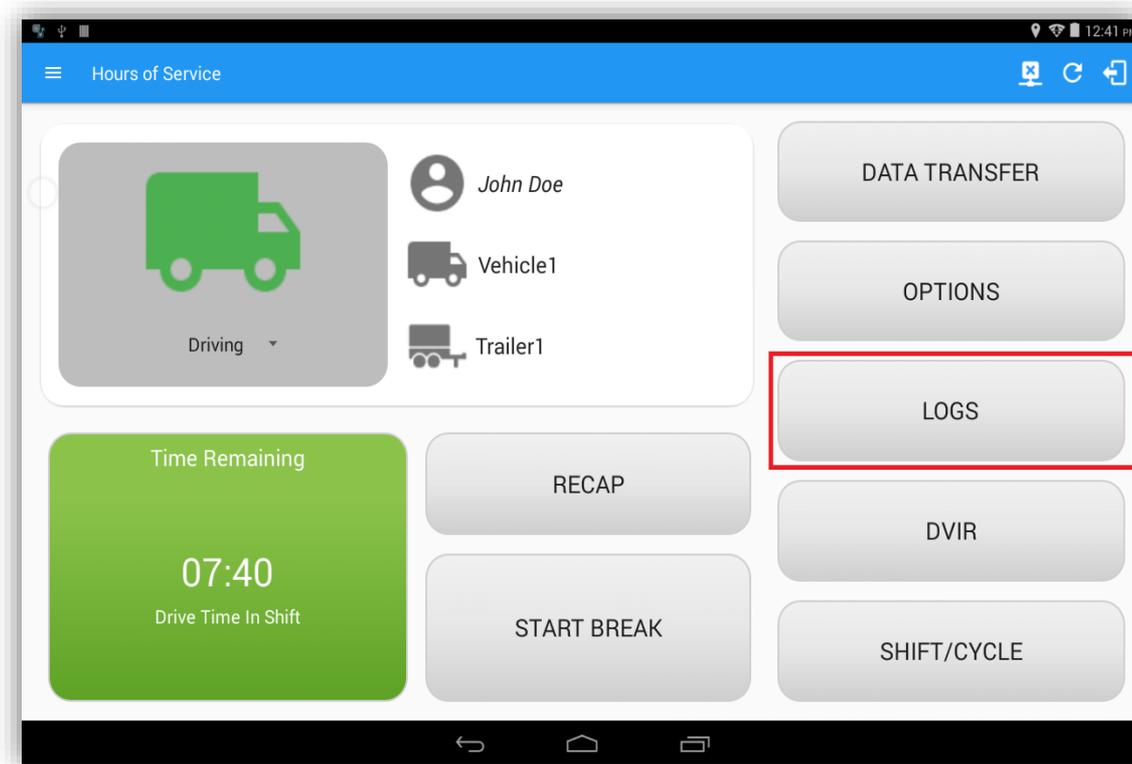
Driver: On  Off

Net Bushels  
Base Price \$  
Total Disc. \$  
Net Price \$

Signature of Licensed Inspector or Weigher

CANCEL OK

# Geosavi Hours of Service: Logs



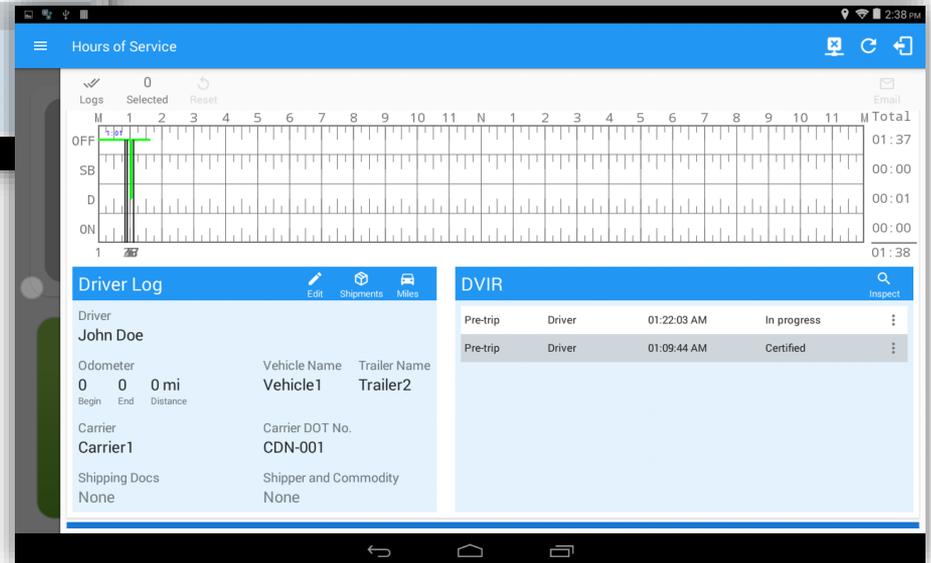
Select the 'Logs' option to view your previous 7 days logs (and the current day).

# Geosavi Hours of Service: Logs



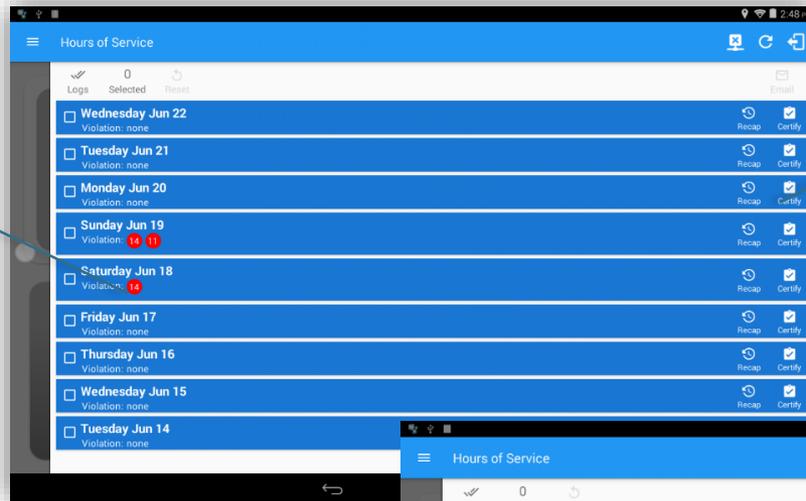
Tap the colored bar to collapse the log grid

The current day's log will be displayed by default



Scroll the screen upwards to view all of the information. Tapping the colored bar will collapse the log grid.

# Geosavi Hours of Service: Logs



Any violations will be displayed

Tap the colored bar to view the log grid and details

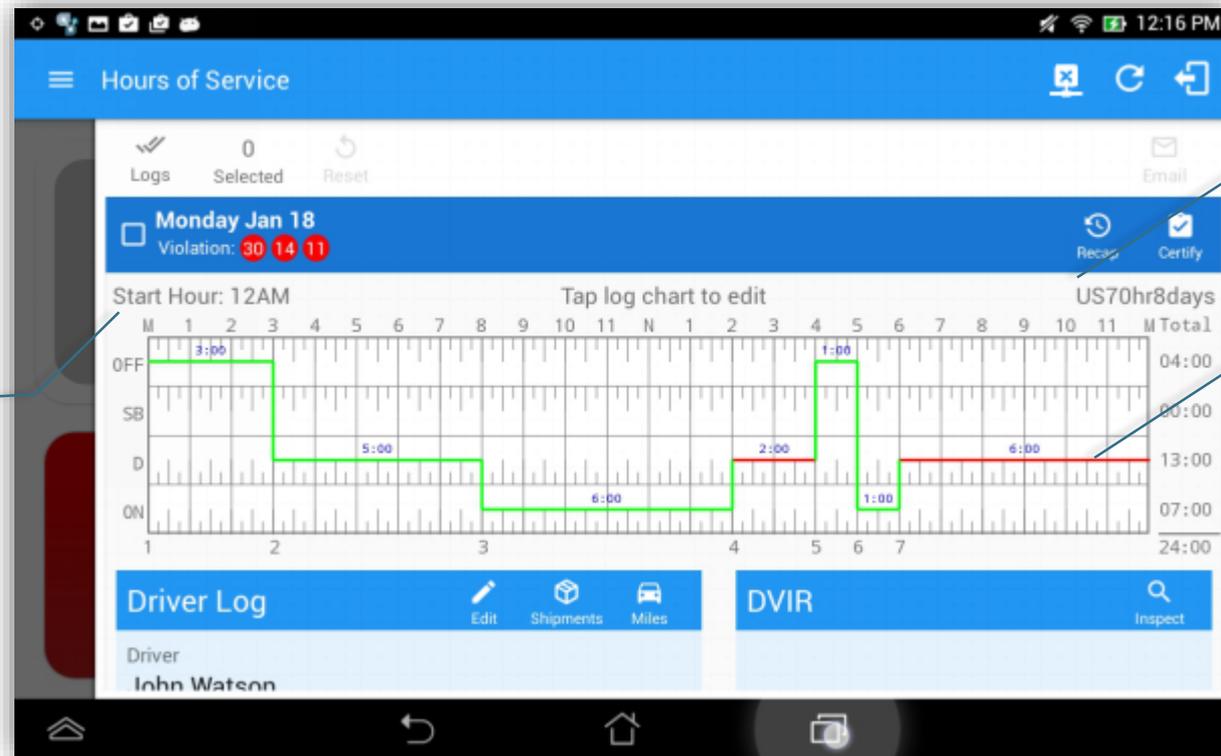


Log titles will show the full time range when the 'Start Hour of Day' is not zero for the current day

Tap to view the Recap Summary. Displays the same value as what is displayed on the dashboard recap screen

- Scroll the screen upwards to view all of the information. Tapping a colored bar will display the log grid and details
  - Violations shown in red indicates that the driver is driving in USA region and amber indicates Canada region
- Note: Recalculations are made whenever the driver changes region.

# Geosavi Hours of Service: Logs



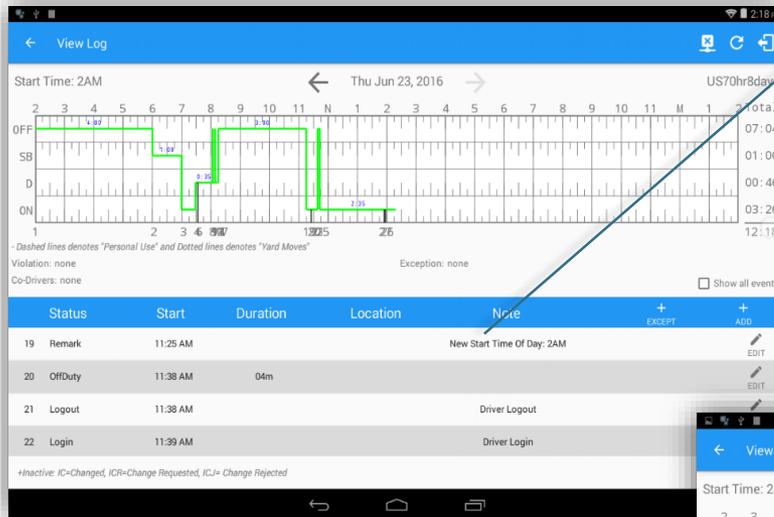
The Start Hour time is also shown in the driver logs

Cycle used is also shown in the driver's log

Violations are highlighted within the log grid

To view the log events, tap the log grid.

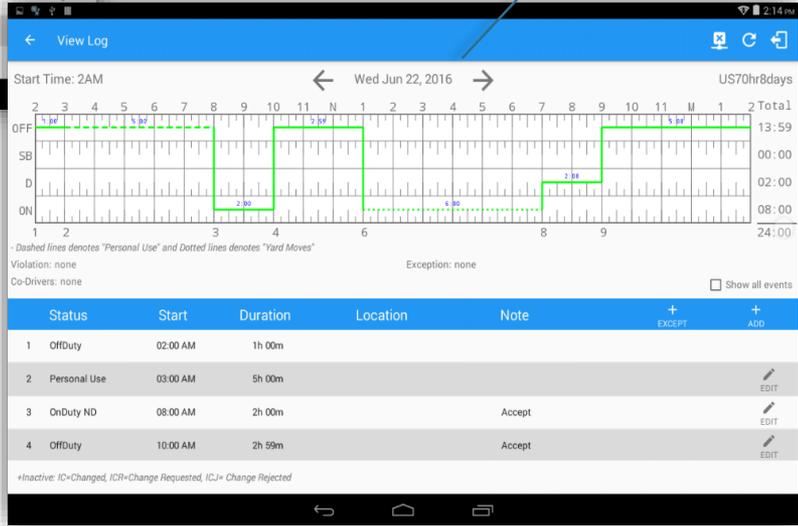
# Geosavi Hours of Service: Logs



Updates made to the log is also shown within the events. e.g. Switching of Vehicles/Trailers, Changing the Start Hour time and other remarks

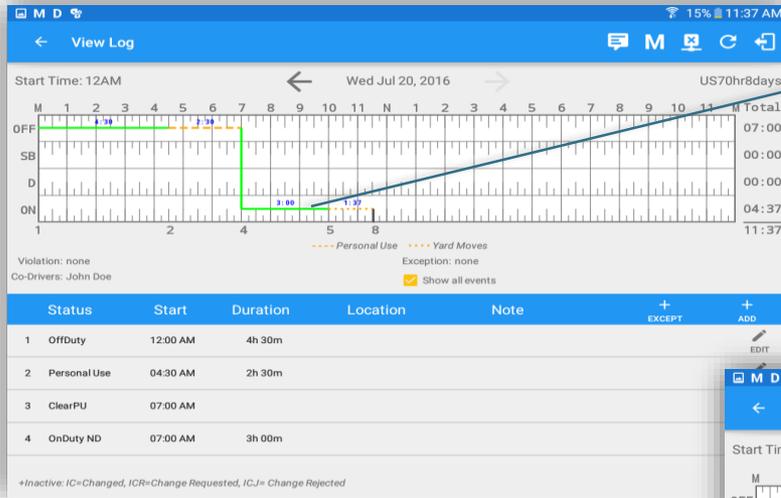
Use the forward/backward buttons to scroll through logs

Scroll upwards to view all of the events



Scroll the screen upwards to view all of the information. Violations are displayed within the events  
Note: The Grid Chart y-points (Time) changes as the Start Hour time changes.

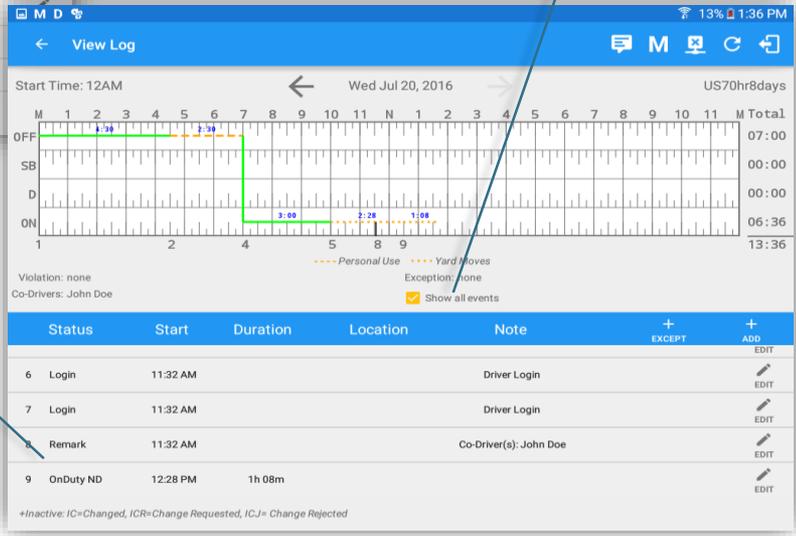
# Geosavi Hours of Service: Logs



a **dashed line** represents the Personal Use event and a **dotted line** represents the Yard Moves event

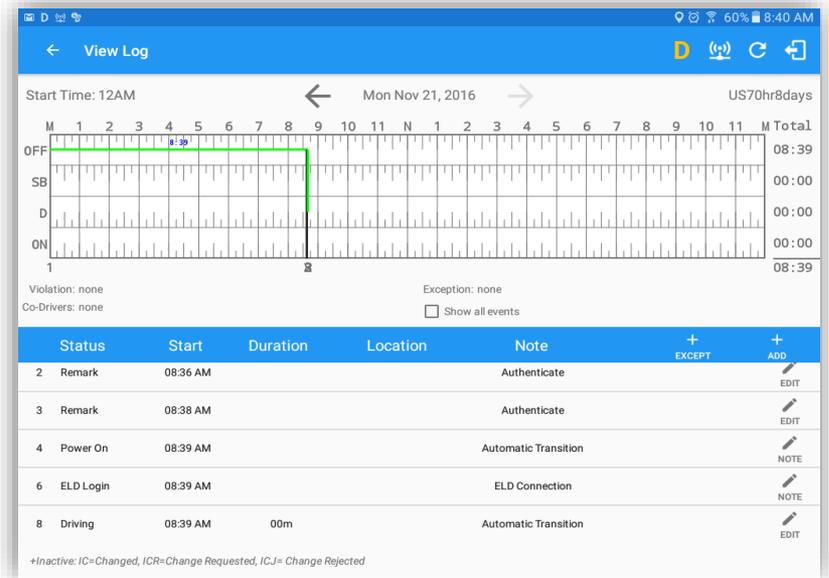
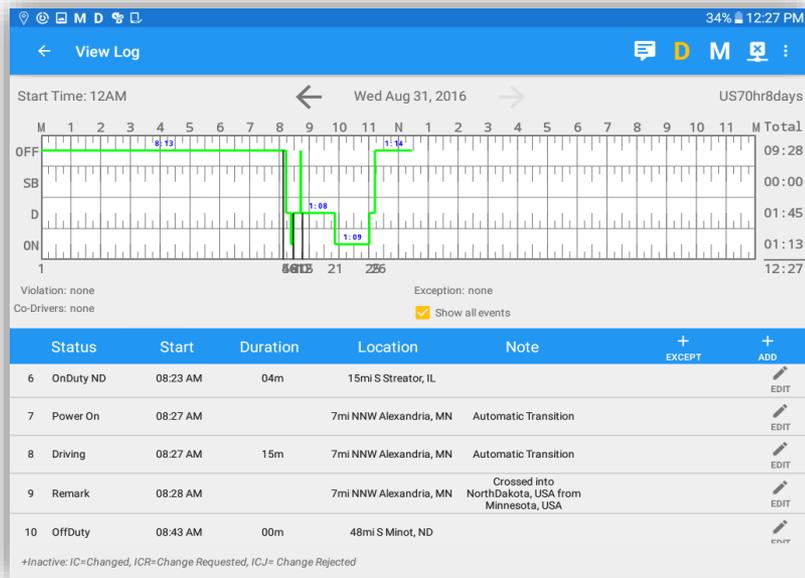
To show secondary events, click this button.

When a Co-Driver logs into the app, the Co-Driver's name will be displayed in the Logs, right below the grid chart



- Not all of the events status are displayed on the grid chart. Personal Use and Yard Moves are displayed on the grid chart as an Amber color line to be visually different with the other event statuses. The legends for Personal Use and Yard Moves event will only display when the said events occurred.

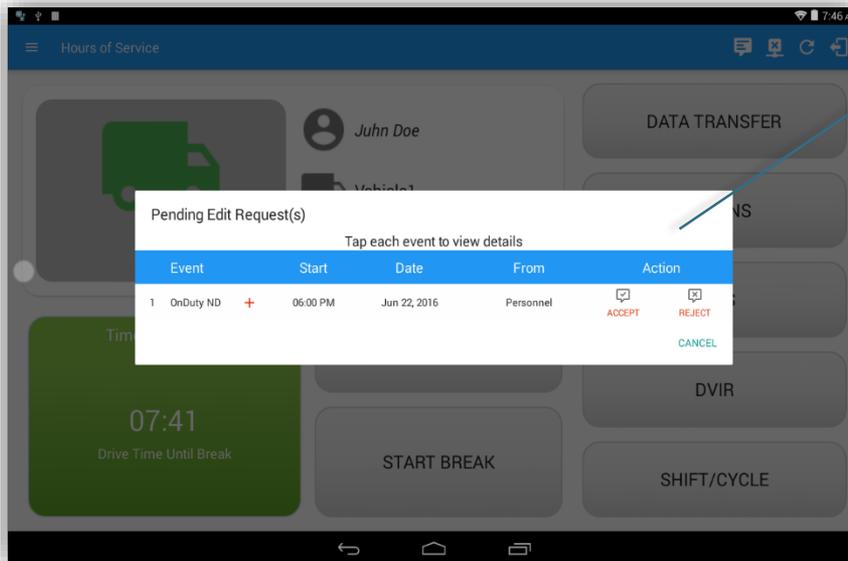
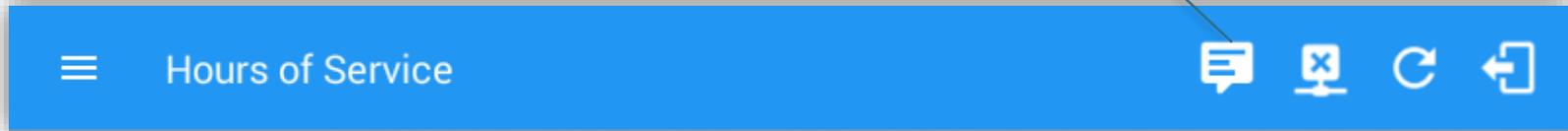
# Geosavi Hours of Service: Logs



- If a driver crossed boundaries between states of Canada and US (vice versa), a “Remark” event with a note stating the State or Province will be automatically recorded in the driver’s log.
- Also, 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.

- Driver will be able to add a note to the following events
  - Intermediate log
  - Login/logout
  - CMV Engine power up/shut down
  - Malfunctions and diagnostic events

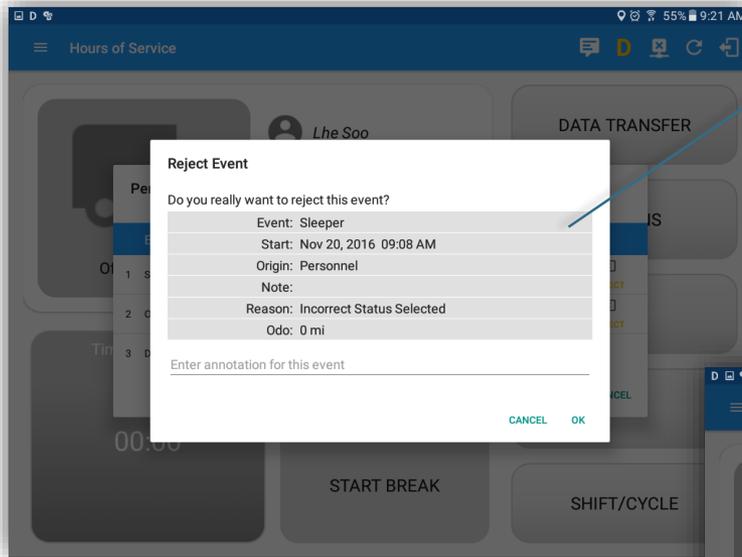
Tap icon to display pending edit request dialog



This shows the Log edits requested from the portal

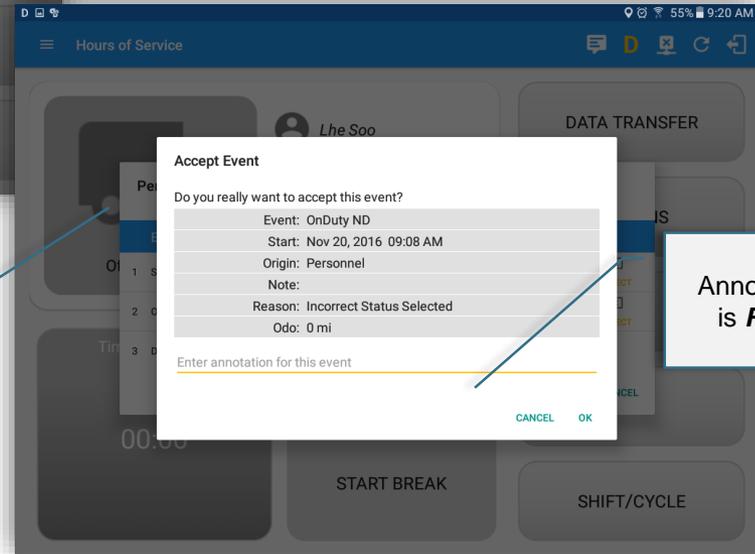
The Pending Edit Requests dialog requires the driver to review and take necessary actions whether he (the driver) wants to accept or reject the requested edits. The dialog also appears automatically upon logging in and out when there are pending to edit on the list.

# Geosavi Hours of Service: Accept & Reject Edit Requests



If the driver rejects the edit suggestions then the original record remains

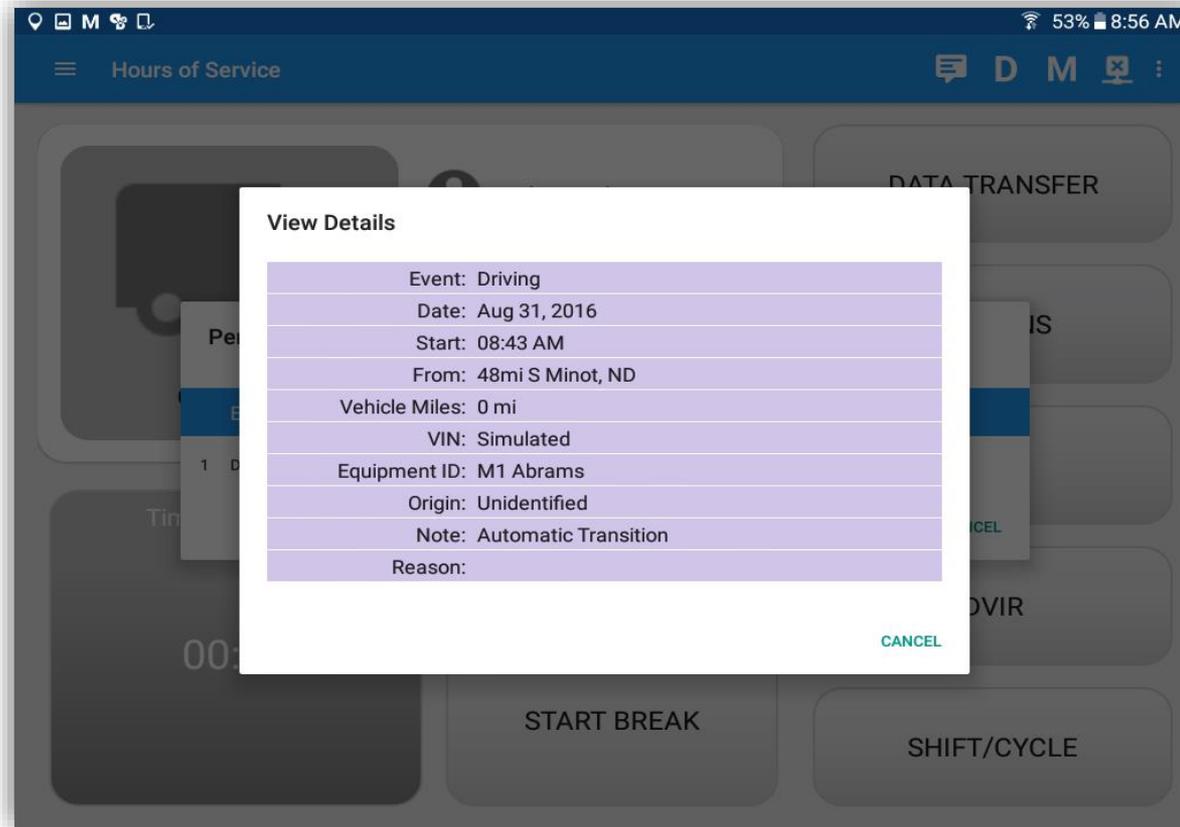
If the driver approves the edit suggestions, the new status will replace the old status and the changes will be reflected in the events history list



Annotation field is **Required**

- The Reject and Accept Event dialog shows the comparison of the Original status vs the changes (requested edits)
- In addition, Accepting the edits requested requires the driver to fill in the annotation field to successfully save the changes.

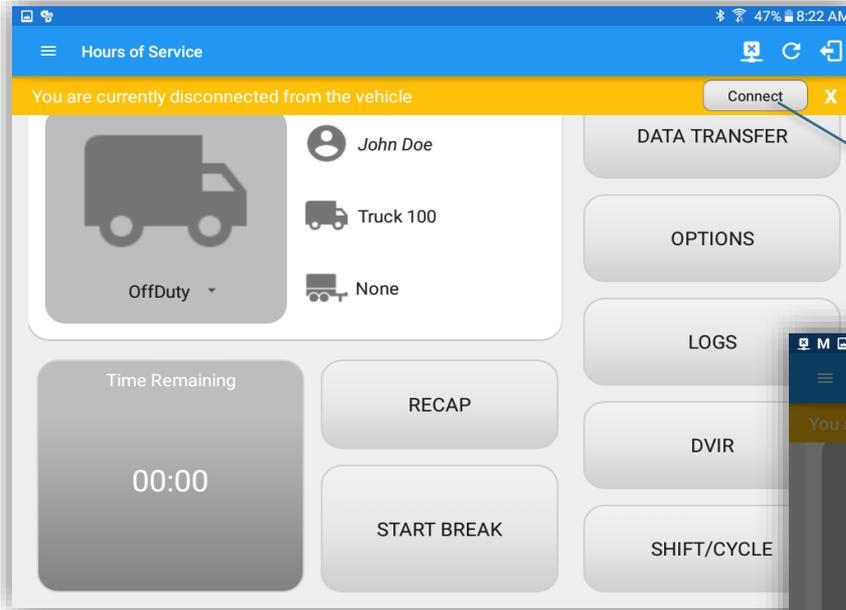
# Geosavi Hours of Service: Accept & Reject Edit Requests



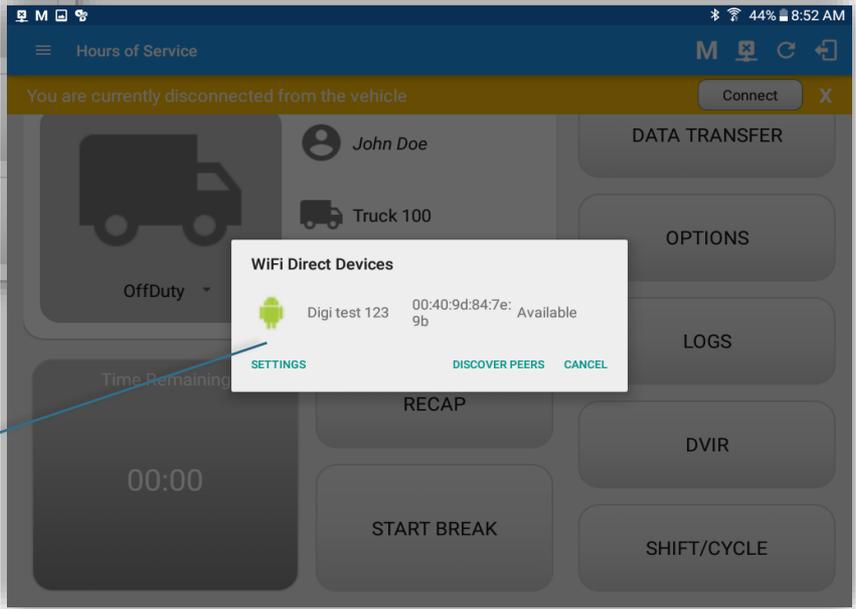
- Odometer field is displayed for edit request(s) comes from the Personnel, however, it is displayed as Vehicle Miles field when it comes from an Unidentified Driving event.
- The Unidentified Driving Event pending edit request dialog has additional details like: **From** (location) & **Equipment ID**.

# Geosavi Hours of Service:

# ELD/VBUS Connection Process



Tap the Connect button to display the list of VBUS Devices

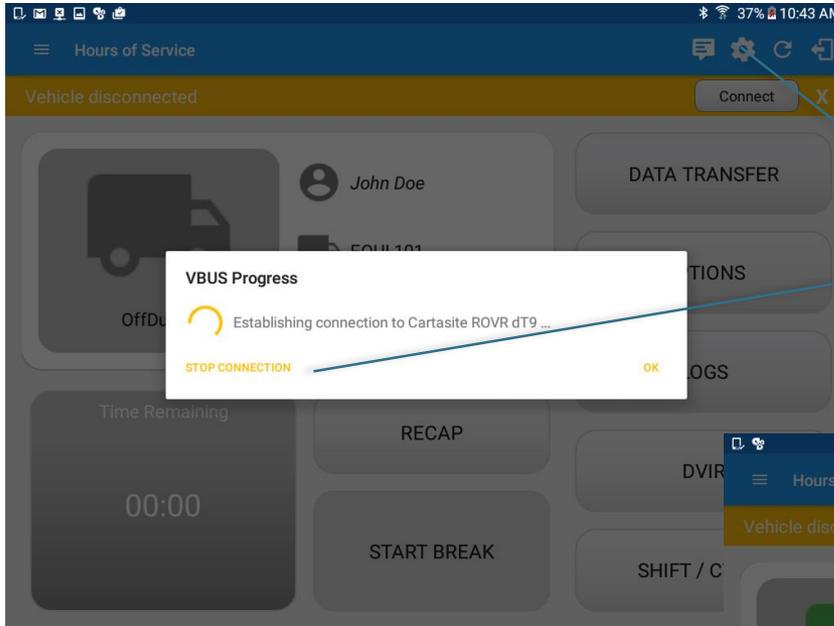


This displays the list of devices compatible to the selected device (WiFi or Bluetooth).  
Tap on the device name to display the Connect dialog and established a connection to the device.

*Image 2 shows the WiFi Direct Devices dialog (for Digi WVA device)*

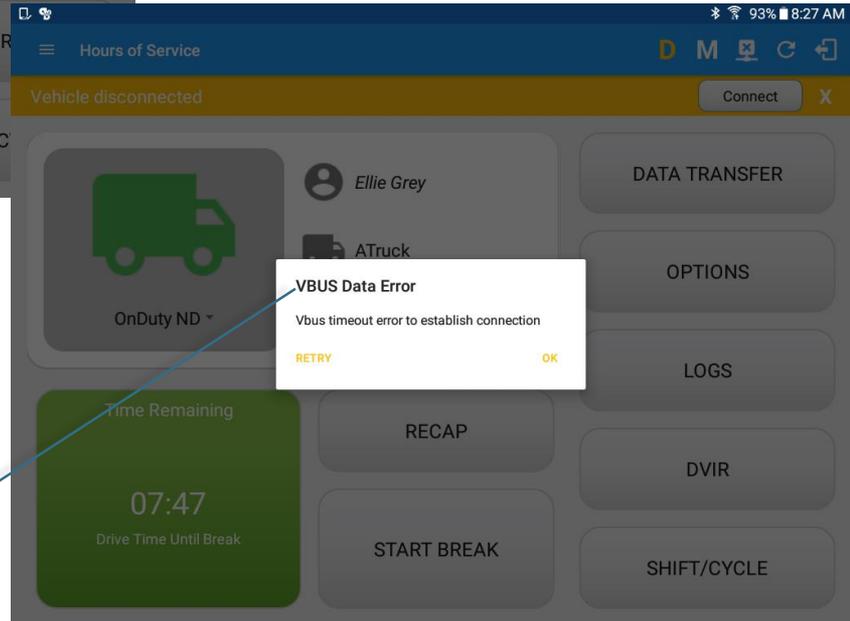
# Geosavi Hours of Service:

# ELD/VBUS Connection Process



When attempting to connect to the VBUS Device, a Progress dialog will be displayed along with a progress spinner over the connection icon to have a visible indication of the connection progress.

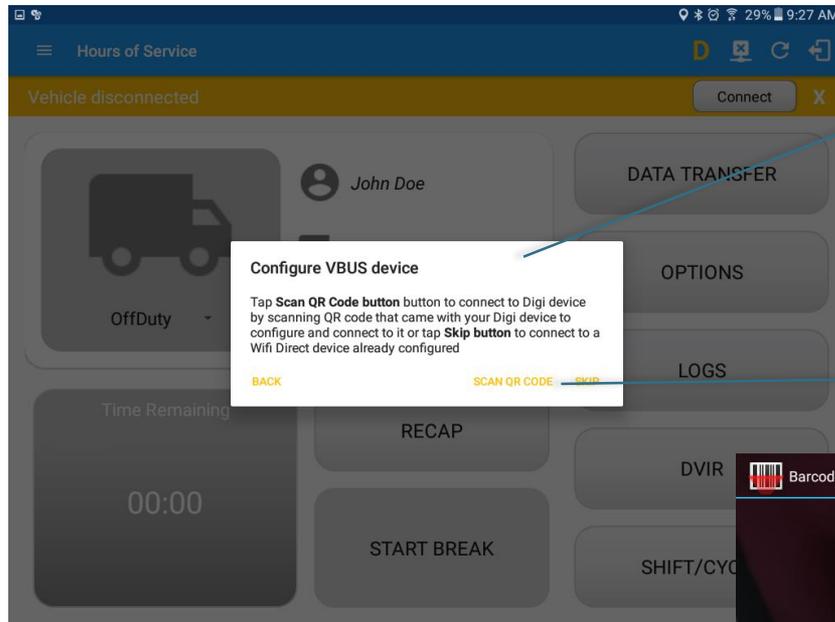
The driver can also be enabled to cancel an in-progress connection via the OK and Stop Connection button found in the VBUS Progress dialog.



VBUS data error dialog will appear when no VBUS data received within the specified duration

# Geosavi Hours of Service:

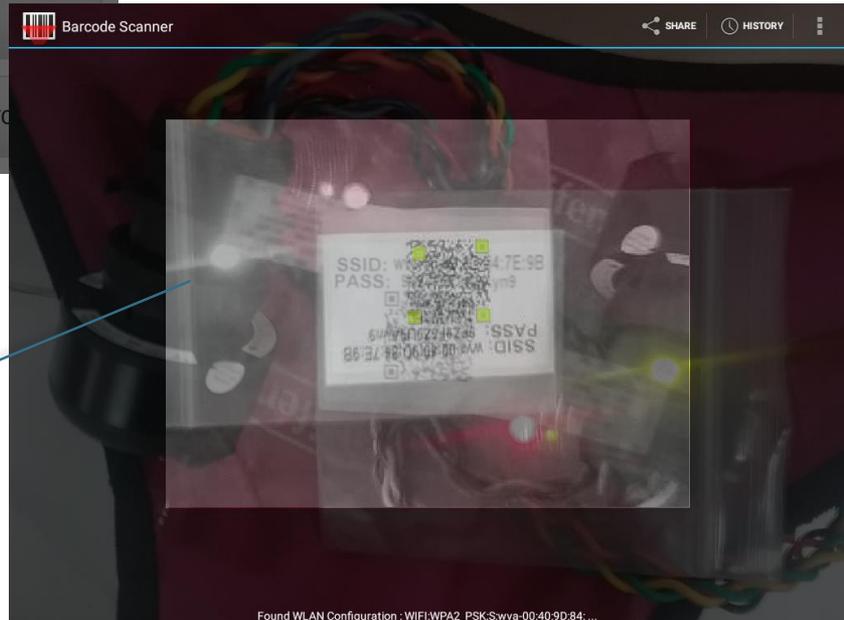
# ELD/VBUS Connection Process



This configure VBUS device dialog will appear after tapping "Manual Connection Button"

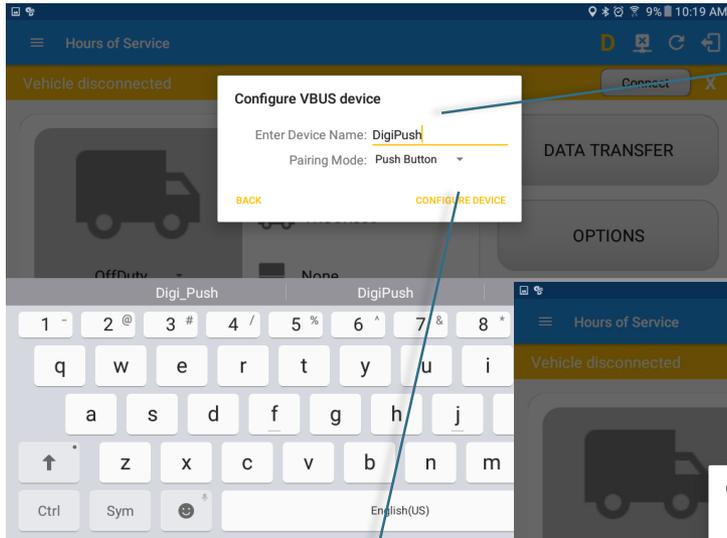
To start configure VBUS device, tap "Scan QR Code". If device is already configured, then tap "SKIP"

You will then be able to scan the QR Code



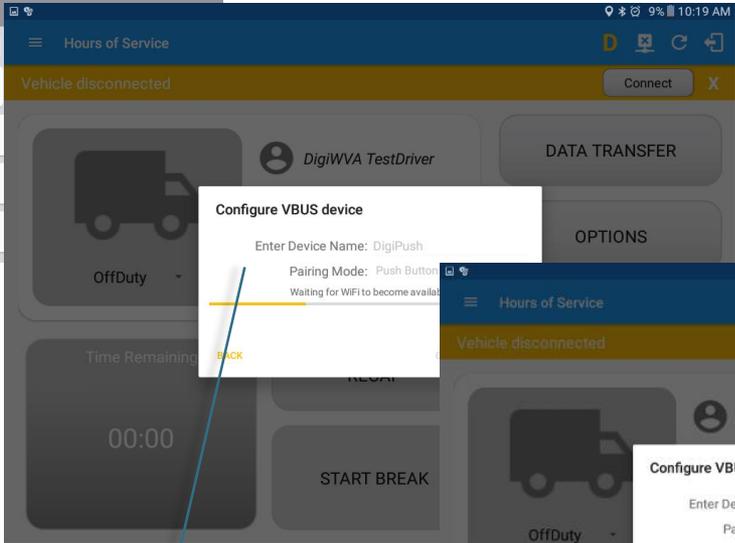
# Geosavi Hours of Service:

# ELD/VBUS Connection Process

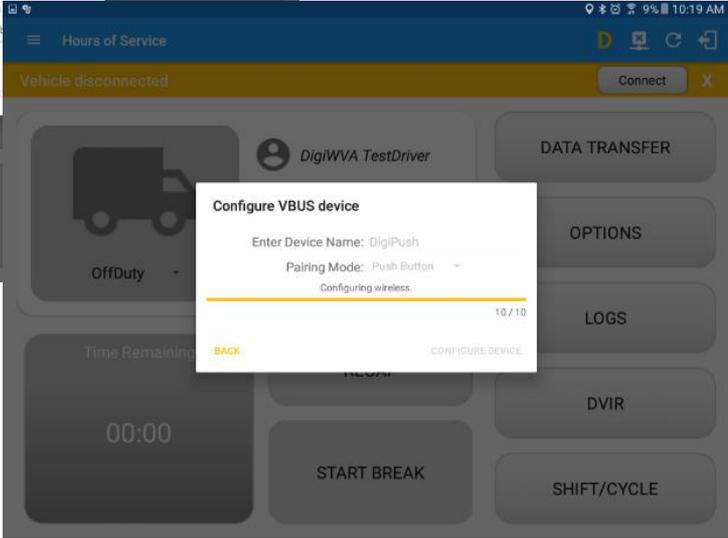


- After scan, type the device name.
- Select a pairing mode.

Tap "Configure Device"

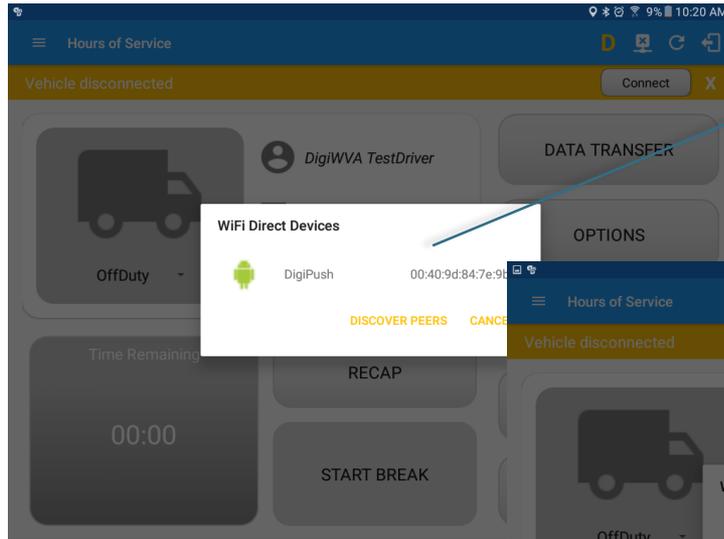


- Wait for Wifi of the device to be available
- Configuring wireless connection dialog will then display

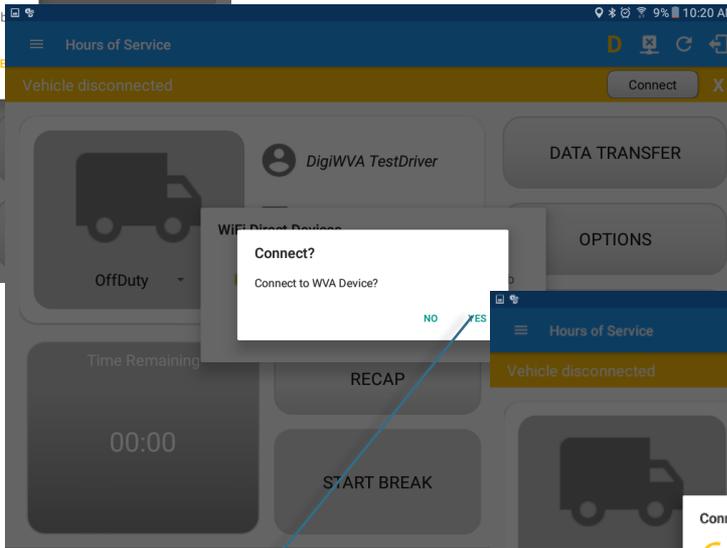


# Geosavi Hours of Service:

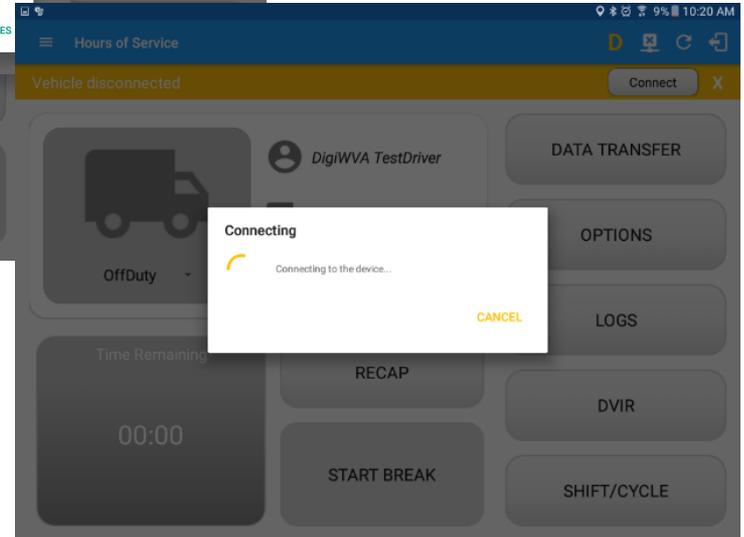
# ELD/VBUS Connection Process

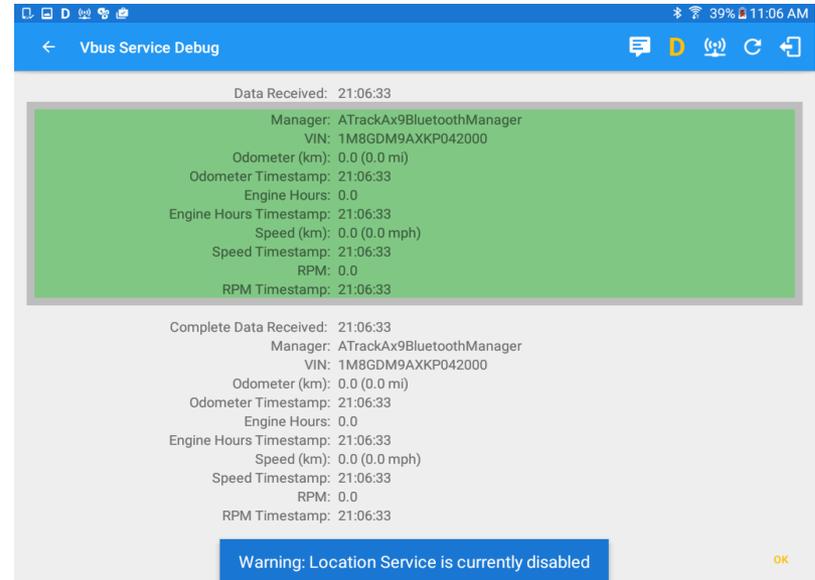
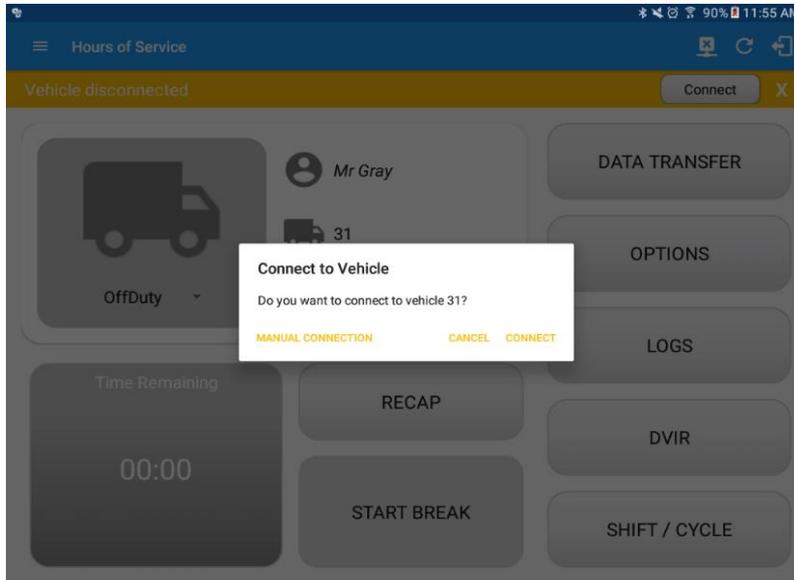


- After wireless connection dialog, the available device will then appear
- Tap the device



- Connect dialog will then appear. If you tap "Yes" then you will be connecting to the device and wait for a minute to be connected to the device
- If you tap "No" then you will not be connecting to the device.

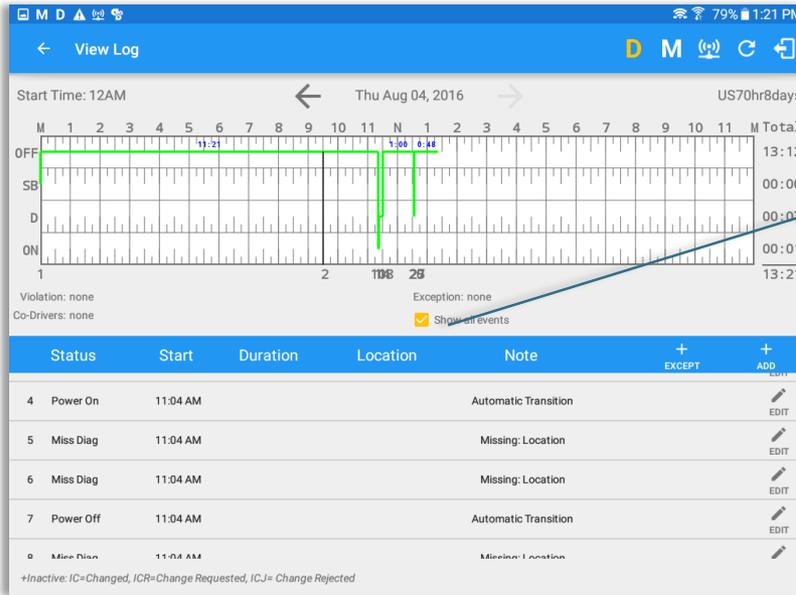




- If the app attempts to connect to an unsupported device, the app then displays a dialog which warns the user that the equipment has an invalid VBUS device type set and that the default device type is being used. The 'Device Not Supported' dialog will be displayed stating: *"Device is no longer supported.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

- 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.

# Geosavi Hours of Service: Logs - Auto Events



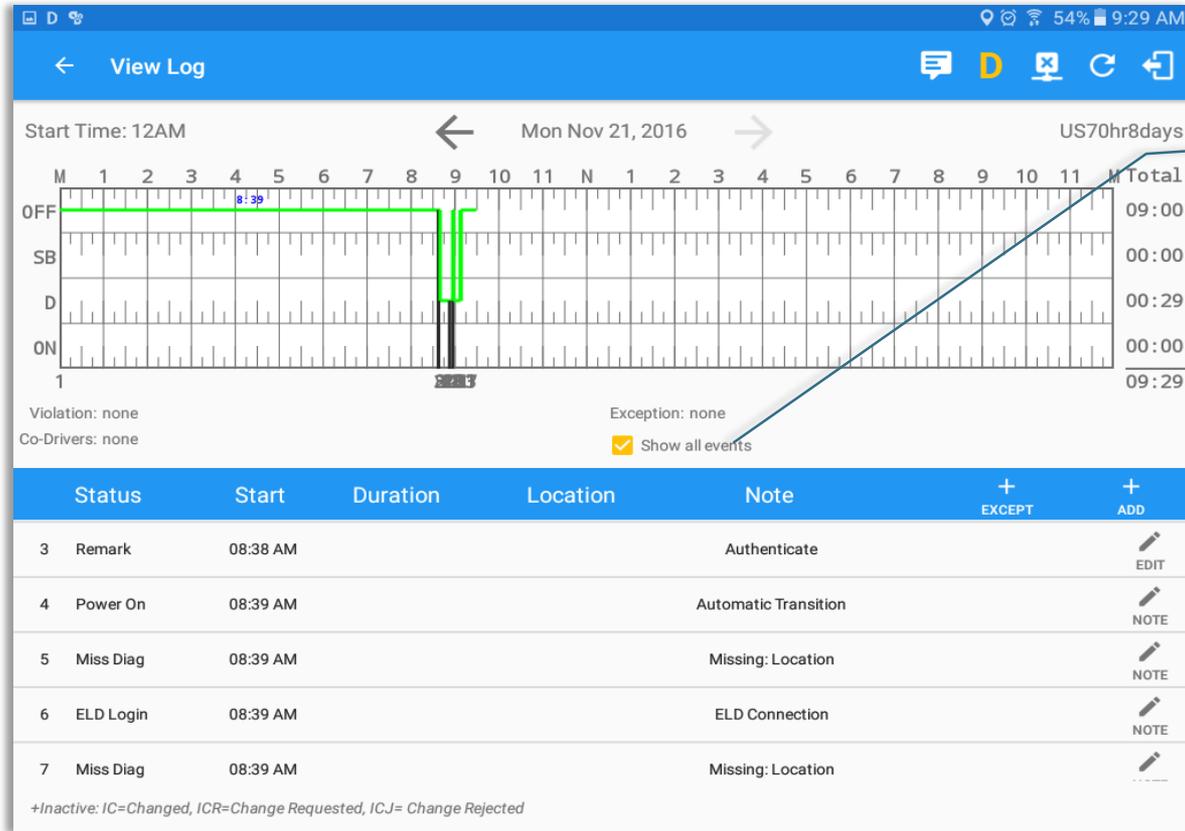
Tap on the 'Show all events' checkbox to display all the events, including the secondary events.

Auto events created were recorded and displayed on the Events history list indicated with a note **"Automatic Transition"**.



The ELD automatically records the driving time when the vehicle is in motion by setting duty status to driving for the driver unless, before the vehicle is in motion, the driver has set the duty status to off-duty and indicates personal use of CMV, in which case duty status must remain off-duty until driver's indication of the driving condition ends; which also display the Personal Use dialog when a PowerOn event has been created.

# Geosavi Hours of Service: Logs - Auto Events



Tap on the 'Show all events' checkbox to display all the events, including the secondary events.

- The ELD Login event will be recorded when app is connected to VBUS Device, if disconnected , then ELD Logout event will be recorded.
- A Remark event with a note “Authenticate” will be recorded to driver’s history list if driver successfully login to the app. If driver will logout from the app, then another Remark event with a note “Unauthenticate” will be recorded.

Tap to display the list of Data Diagnostic events

Tap to display the list of Malfunctions events

Indicates if the device is connected to a VBUS device.

Connected to a VBUS device

Not connected to a VBUS device

**Hours of Service**

View Log

Start Time: 12AM Mon Nov 21, 2016 US70hr8days

OFF SB D ON

Violation: none  
Co-Drivers: green cross

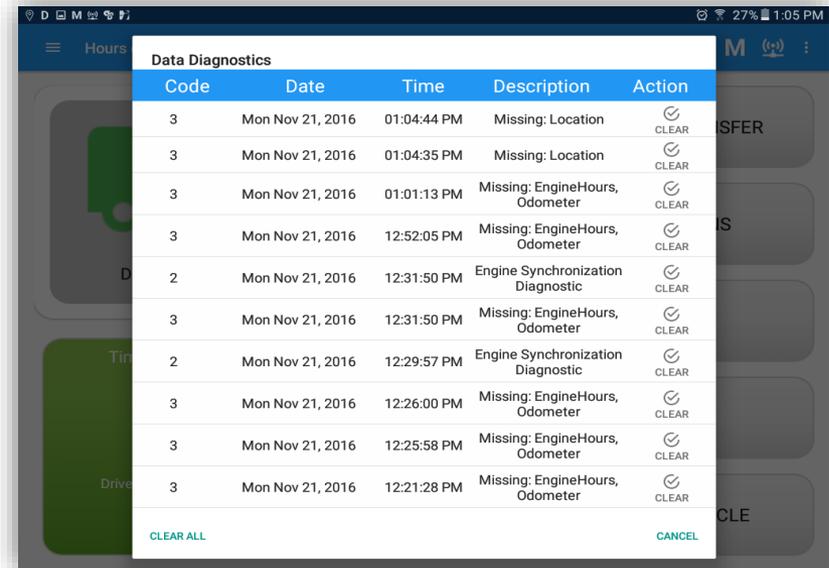
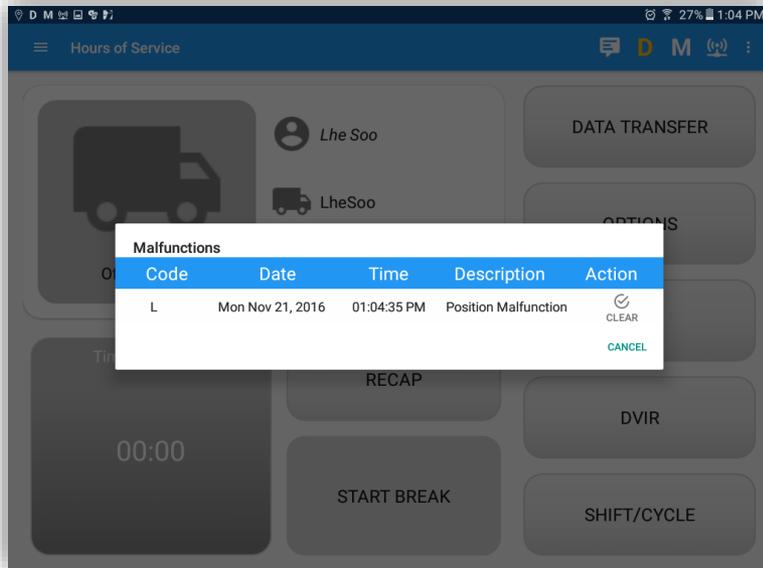
**Edit Miss Diag Note**

Note: Missing: Location

Status	Start	End	Location	Event	Action
48 Driving	11:40 AM				EDIT
49 Miss Diag	11:40 AM		6mi S Regina, 11	Missing: EngineHours	NOTE
50 Remark	11:40 AM			Crossed into SouthDakota, USA from Saskatchewan, CANADA	EDIT
51 Miss Diag	11:40 AM			Missing: Location	NOTE
52 Power Off	11:40 AM			Automatic Transition	EDIT

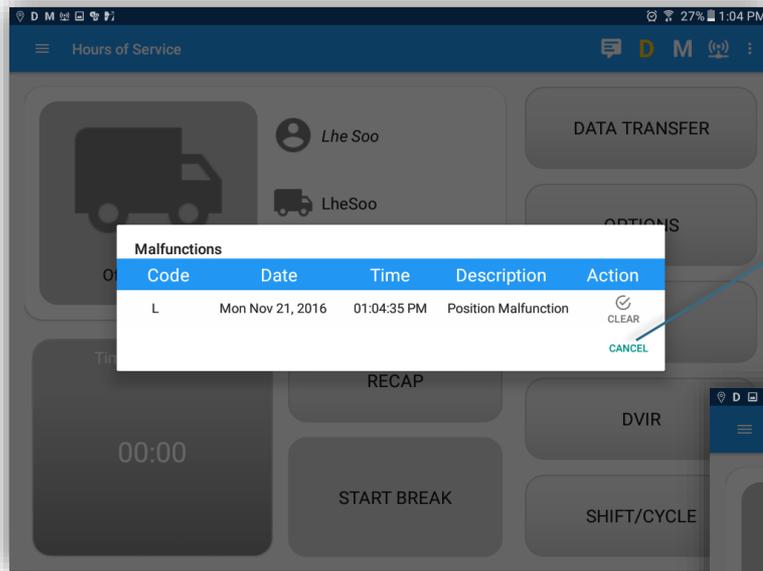
\*Inactive: IC=Changed, ICR=Change Requested, ICJ= Change Rejected

- The recorded malfunctions and data diagnostic events are inconsistencies found while monitoring the app/ELD against FMCSA compliance requirements.
- The Malfunction and Data Diagnostic events note can also be edited on the edit log screen.

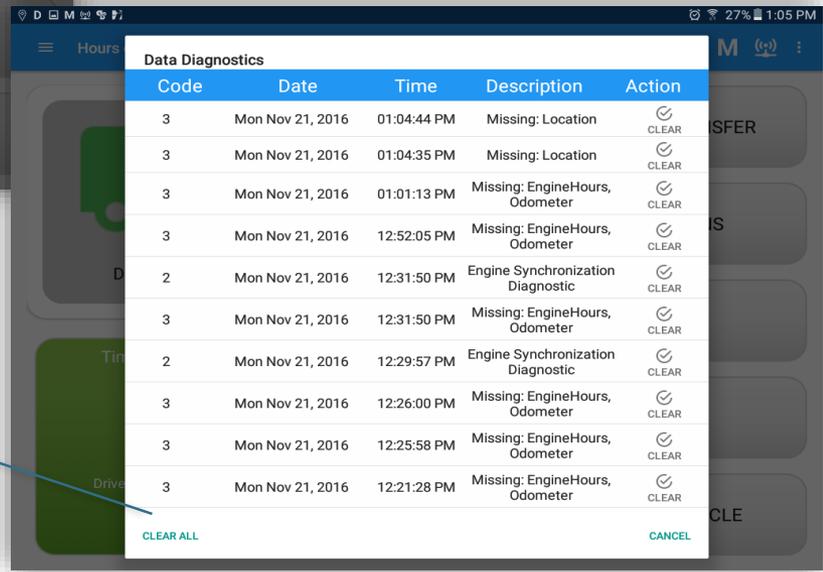


- The ELD Data Diagnostic indicator provides notification of active data diagnostics events applicable to the active driver. The Data Diagnostic Event dialog will no longer pop up whenever a data diagnostic event occurs. Instead, the Data Diagnostic “D” icon will be in a red color when data diagnostic events have occurred and will only turn back to white once the dialog for the Data Diagnostic Events is closed. There will also be a notification in the Android toolbar indicating a malfunction or a data diagnostic event.

# Geosavi Hours of Service: Clear Malfunction & Data Diagnostic Events



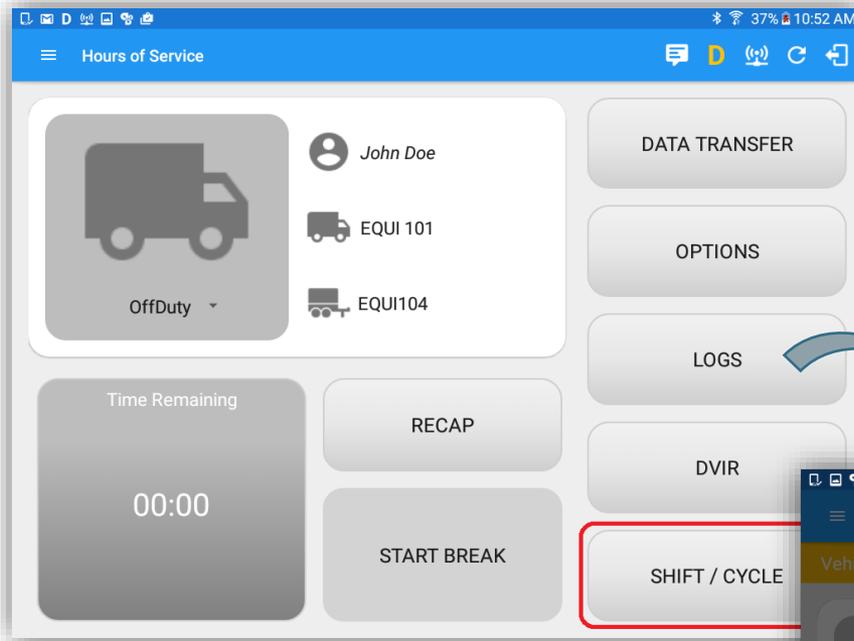
Tap the Clear button to clear the malfunction or data diagnostic event



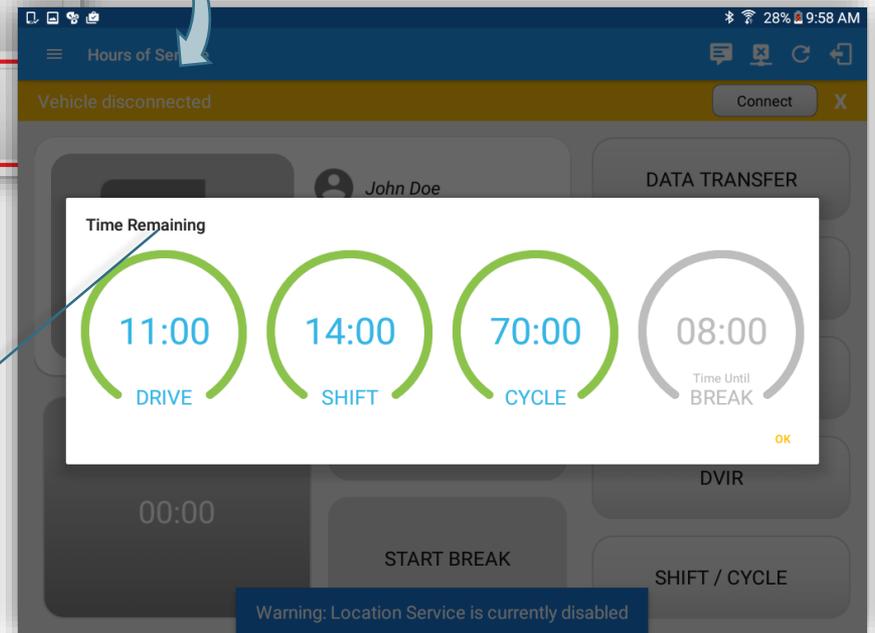
Tap the Clear button to clear the malfunction or data diagnostic event

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

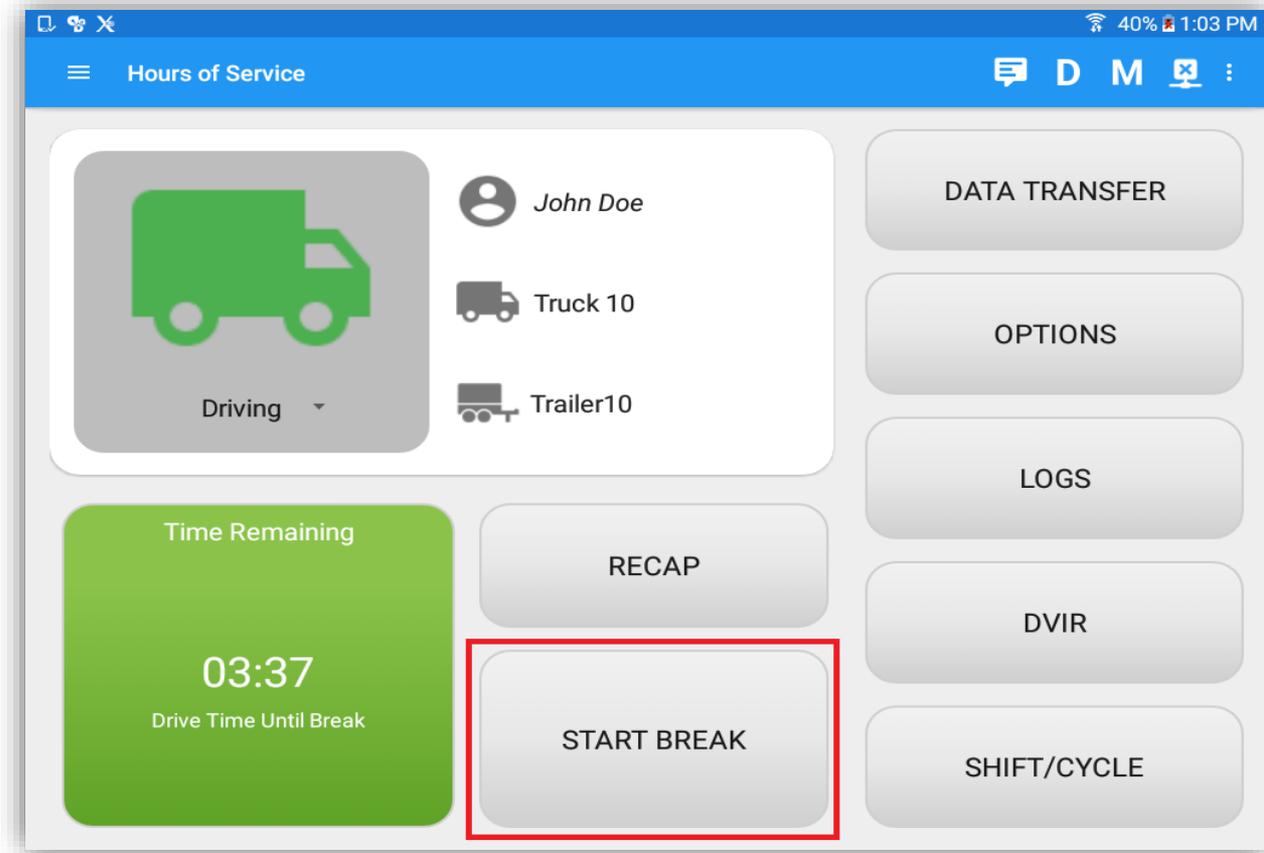
# Geosavi Hours of Service: Shift / Cycle



Select the 'Shift/Cycle' option to view the remaining shift and cycle time

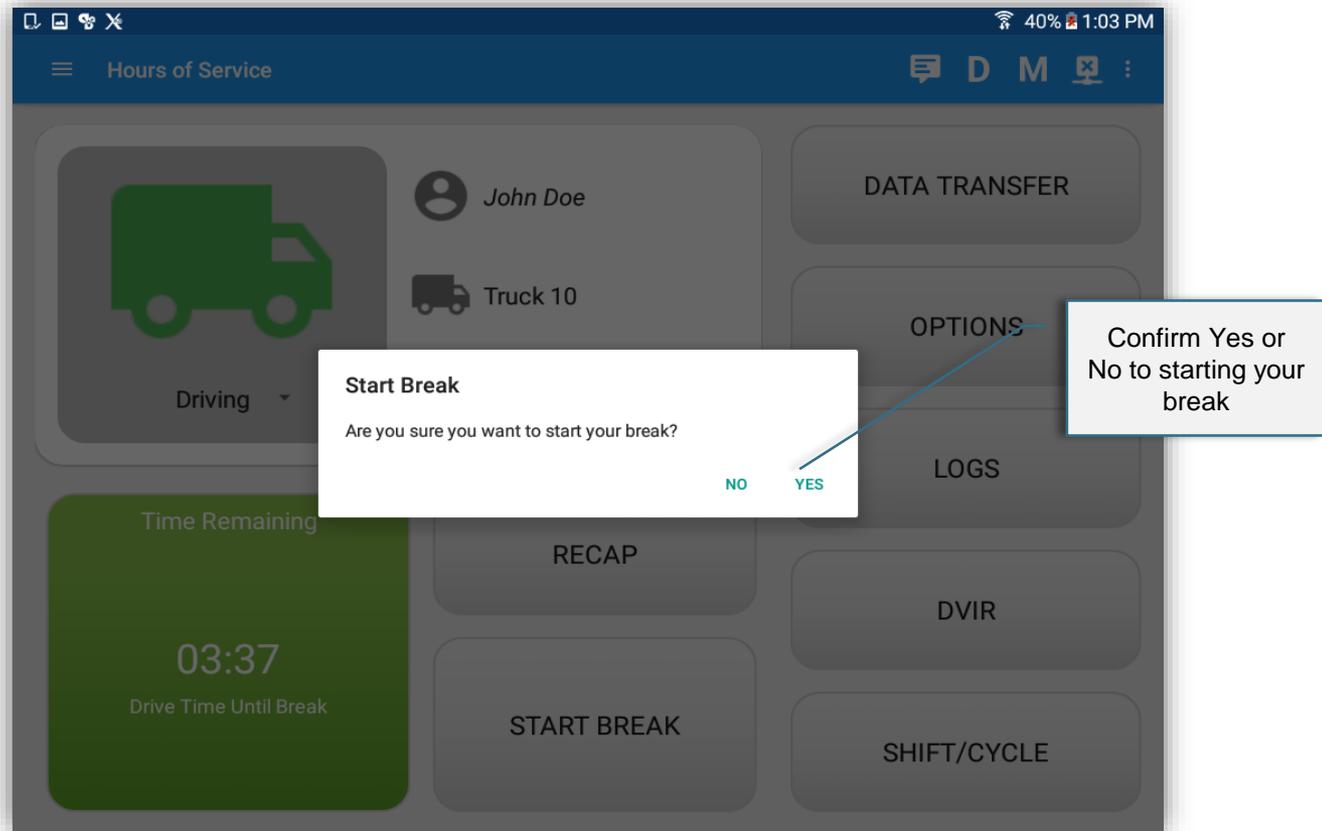


# Geosavi Hours of Service: Start Break



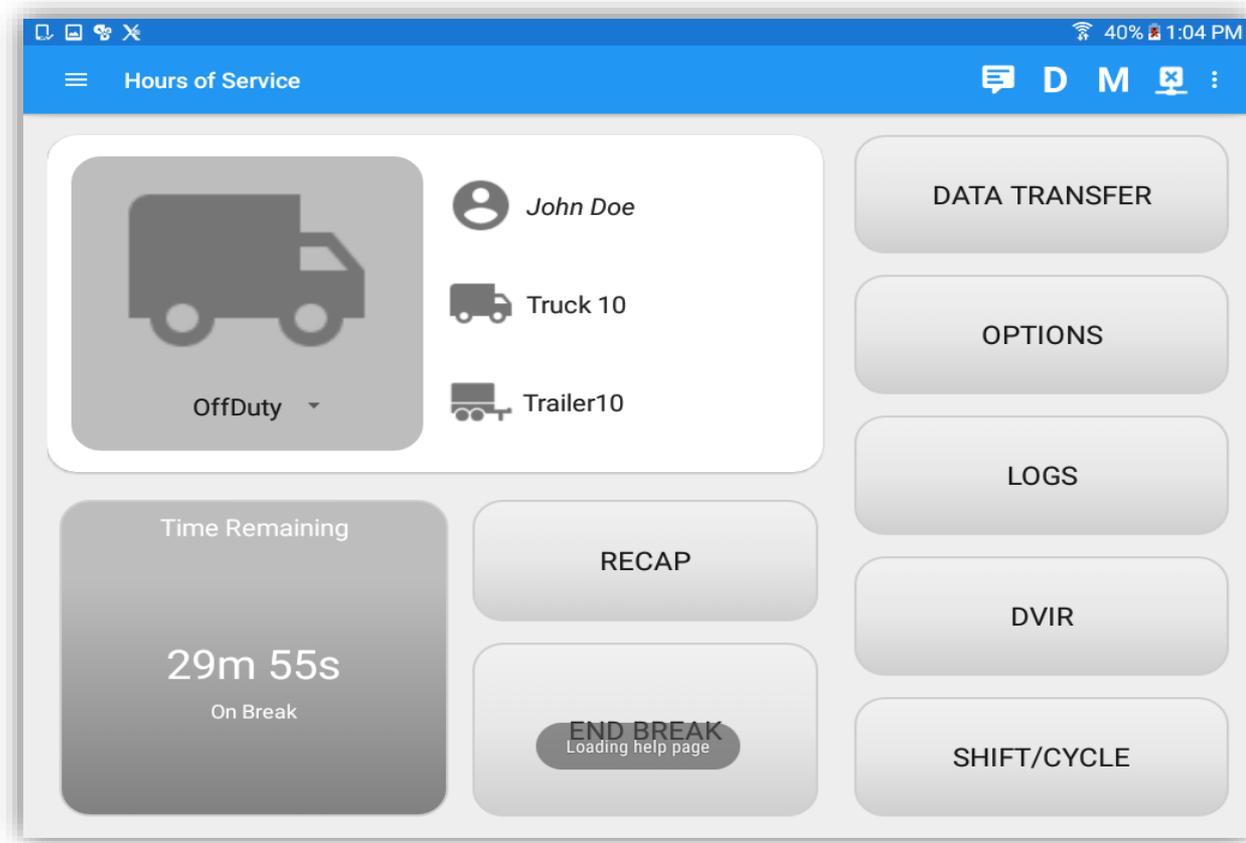
Select the 'Start Break' option to start your 30 minute rest break.

# Geosavi Hours of Service: Start Break



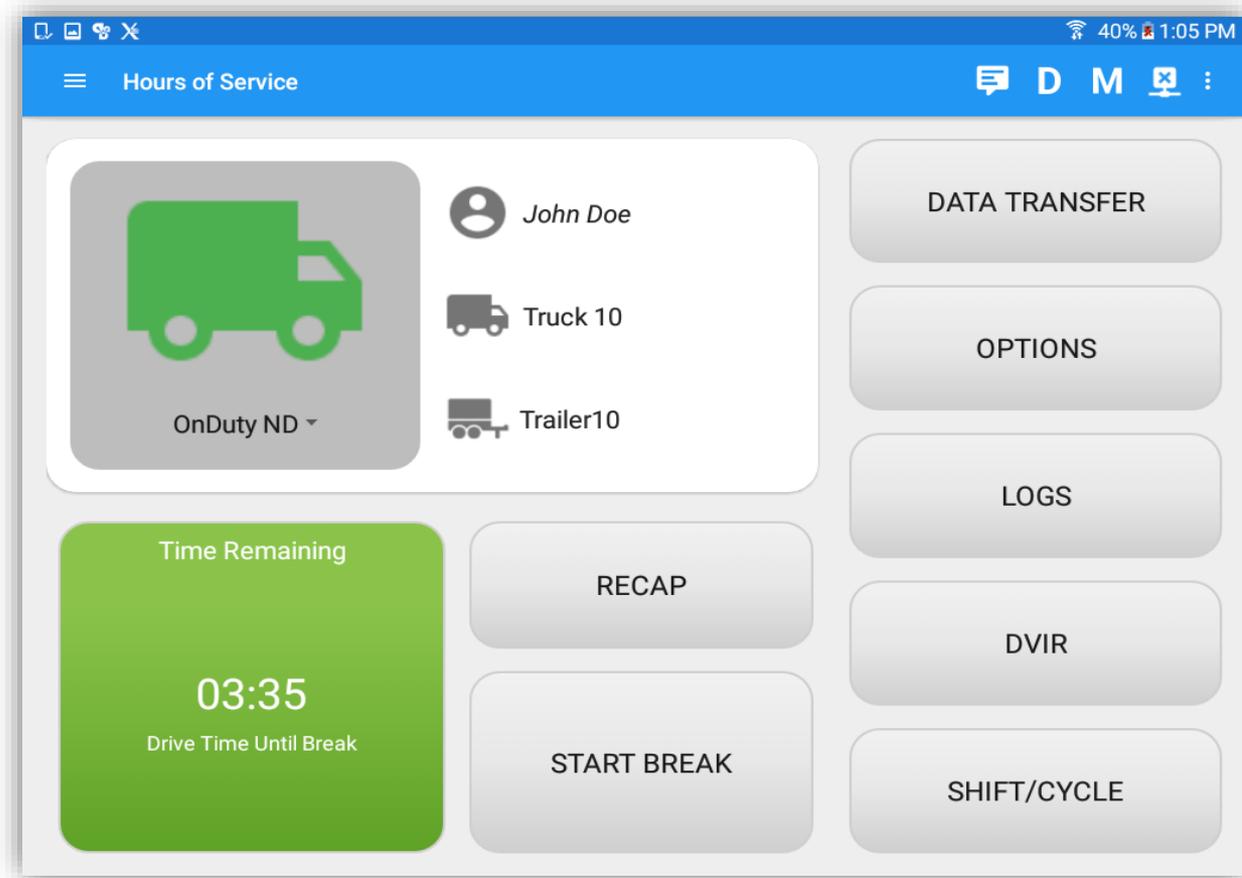
Confirm you want to start your break.

# Geosavi Hours of Service: Start Break



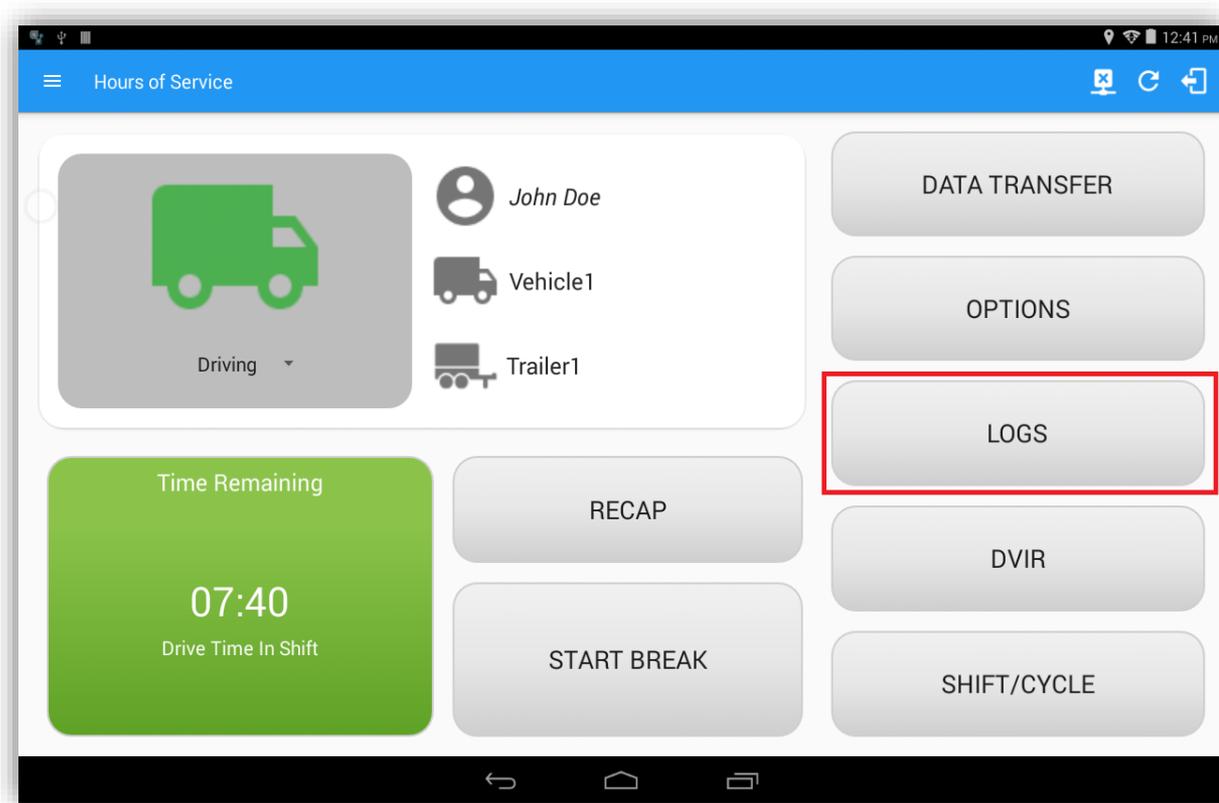
Once confirmed, a 30 minute countdown will be displayed and the Time remaining button turns to On Break and the second line shows "time remaining 00:00". Select the 'END BREAK' button to end the break.

# Geosavi Hours of Service: End Break



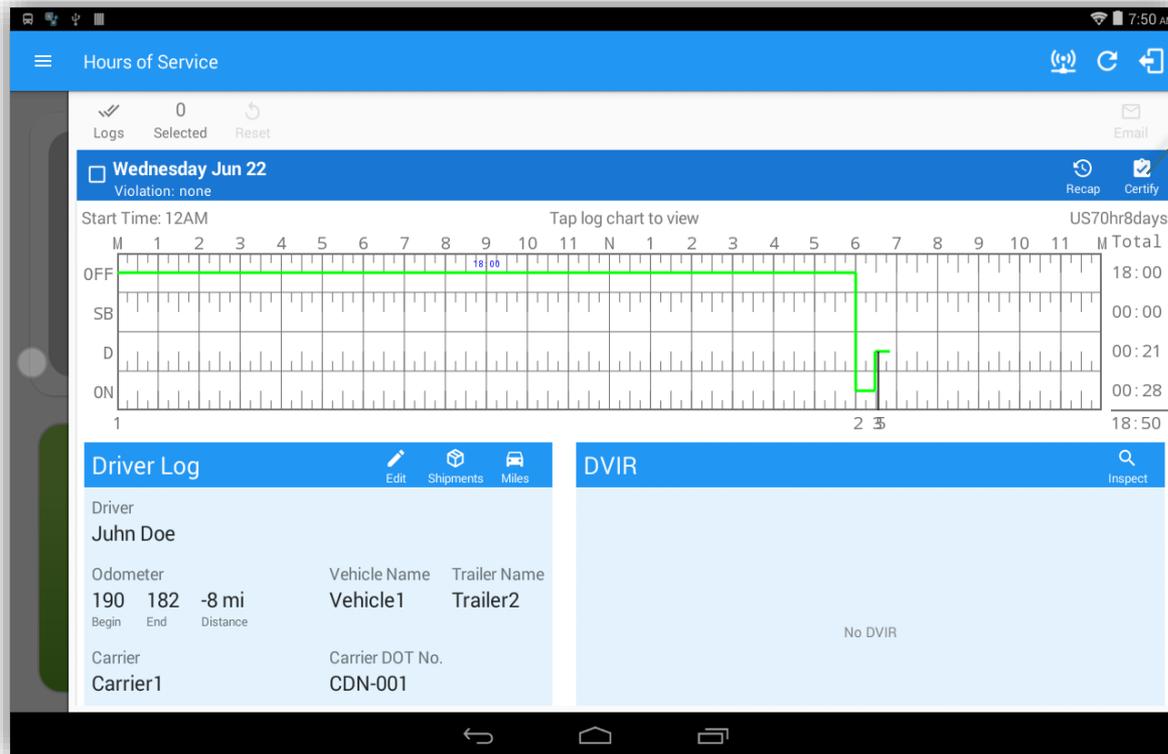
Once the break has been ended, the Time Remaining will be recalculated.

# Geosavi Hours of Service: Certify Logs



Select the 'Logs' option.

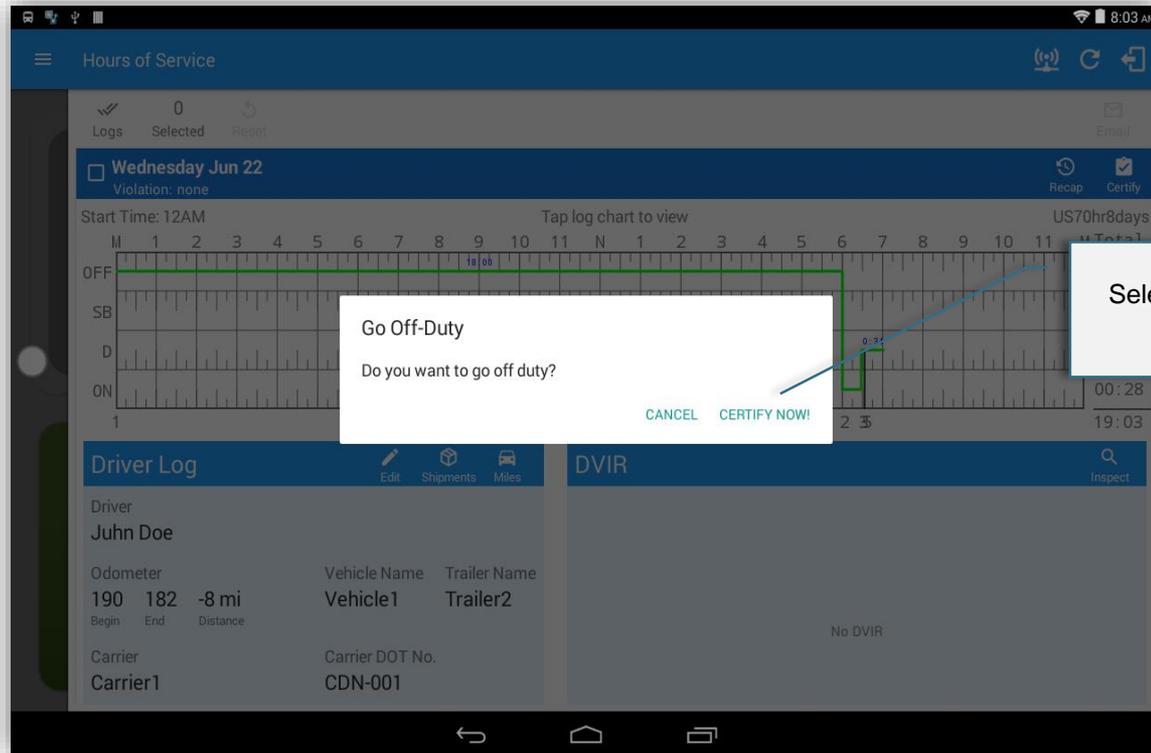
# Geosavi Hours of Service: Certify Logs



Select to certify the log

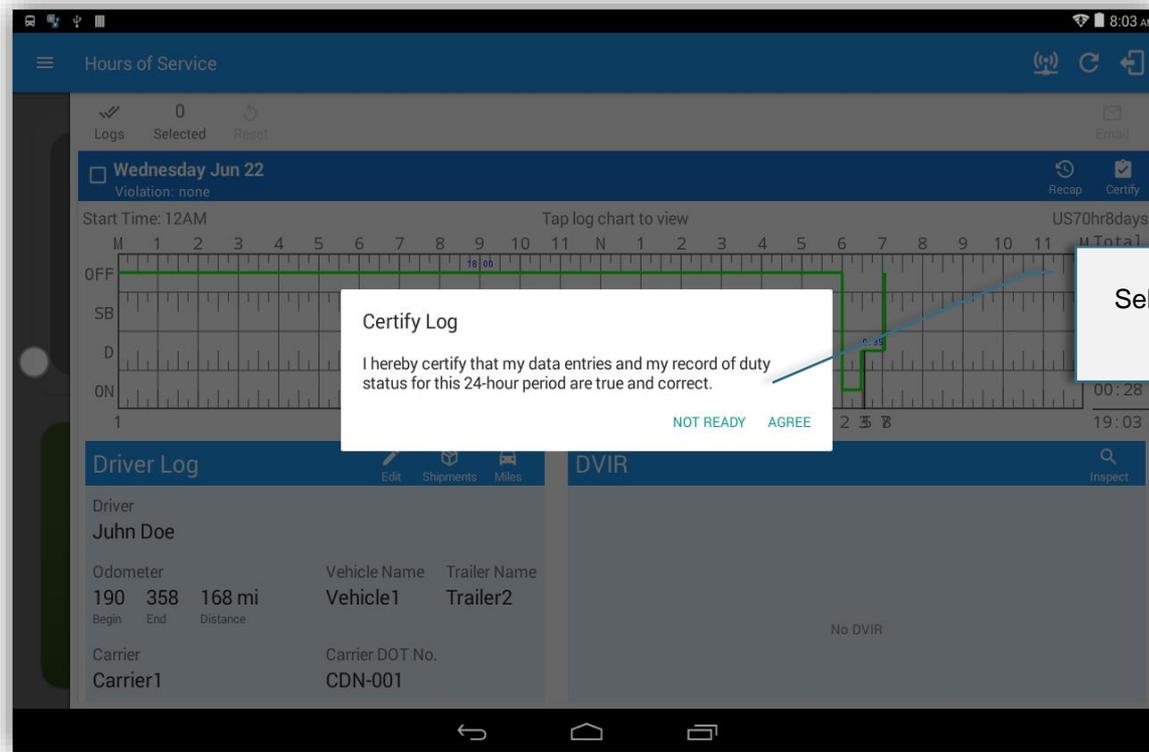
At the end of every shift, certify your log.

# Geosavi Hours of Service: Certify Logs



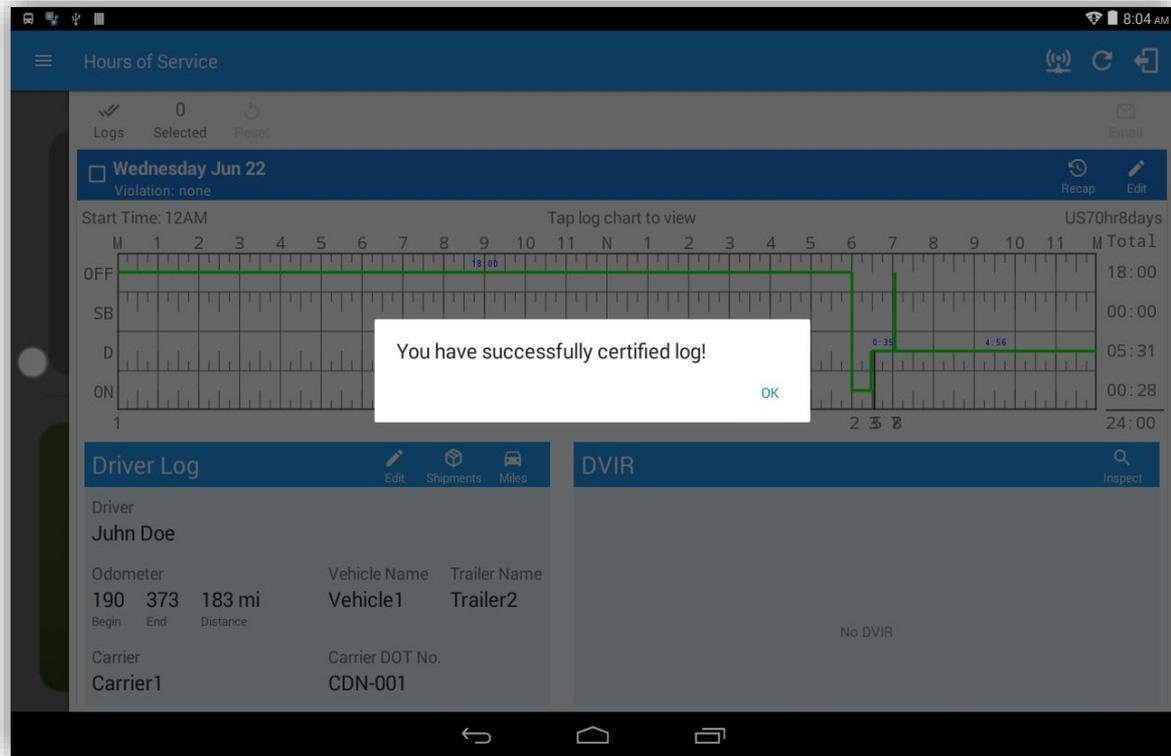
Confirm you wish to go off duty and certify your log.

# Geosavi Hours of Service: Certify Logs

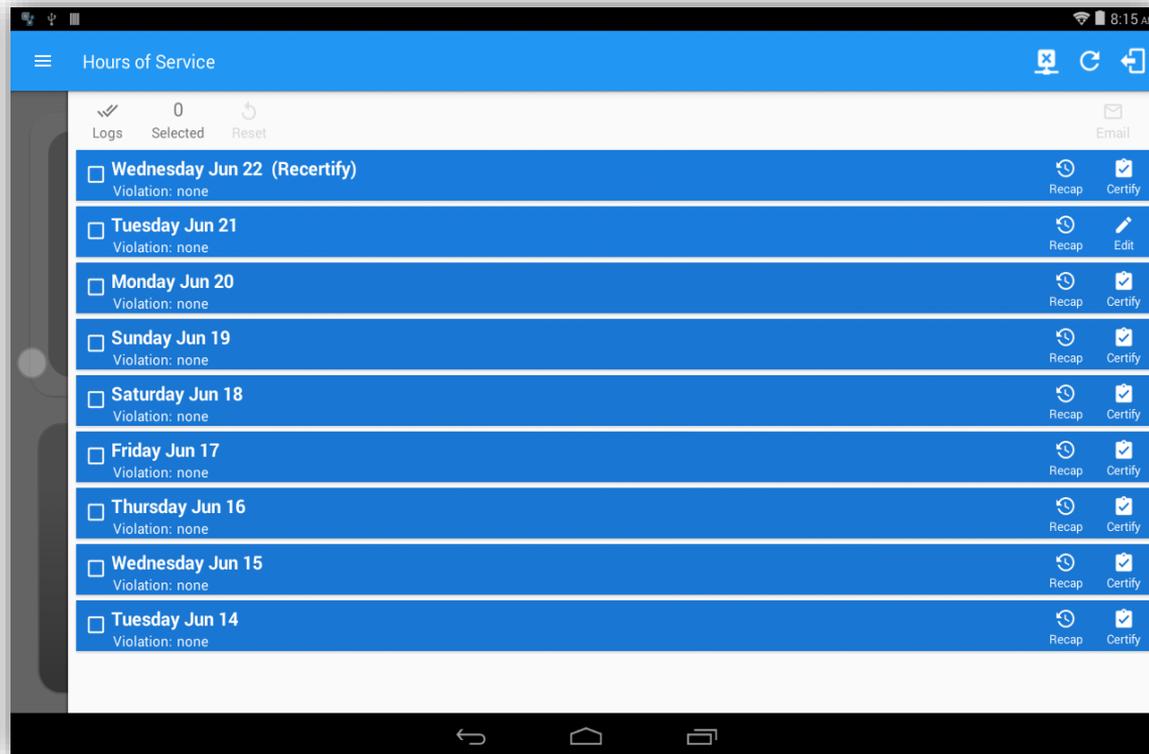


Confirm you certify your log.

# Geosavi Hours of Service: Certify Logs

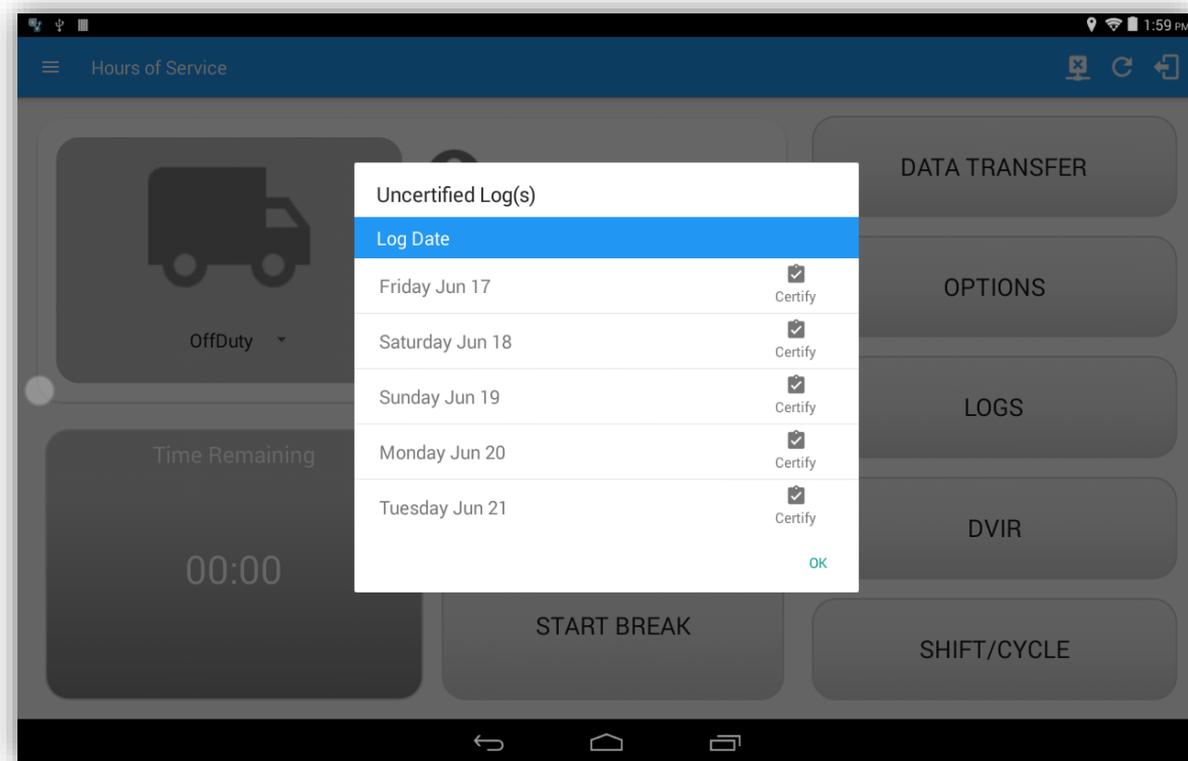


# Geosavi Hours of Service: Recertify Logs



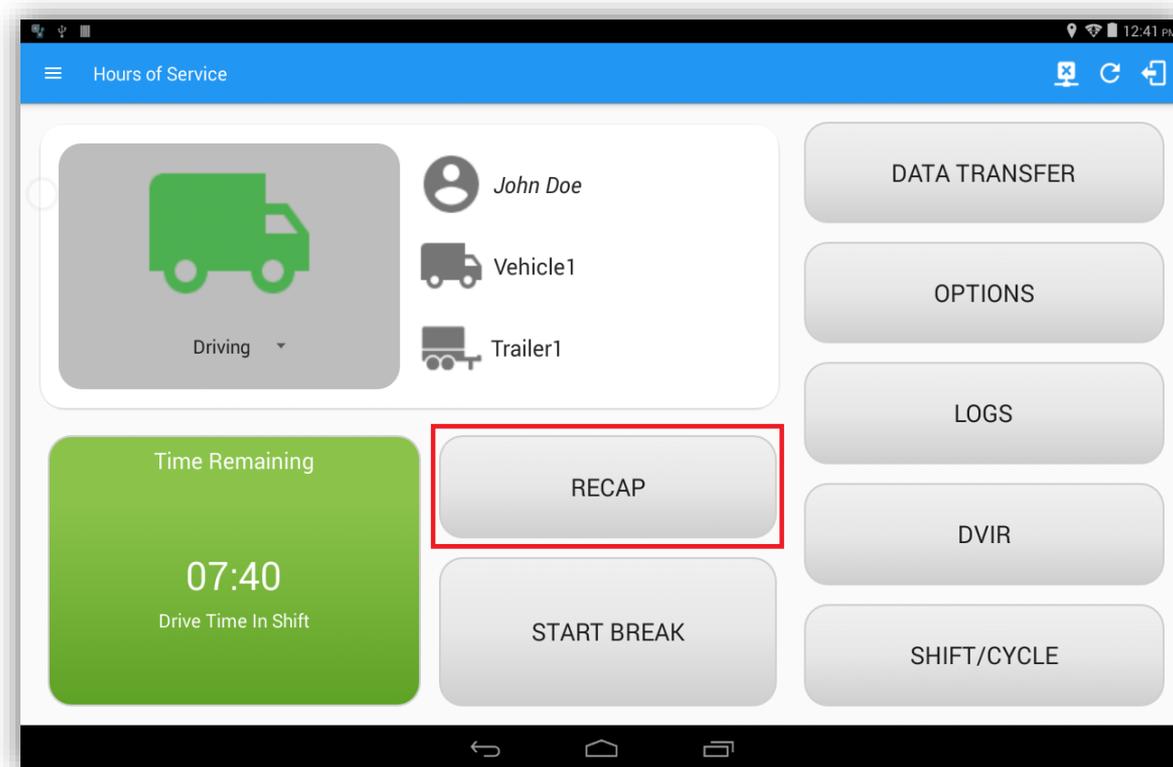
When a certified log has been edited in the portal, it prompts the to either accept or reject the proposed changes through the “Edit Suggestions” dialog. Once the driver accepts an edit request, it will display a note on the daily driver’s title log stating “**Recertify**”, which indicates the log needs to be certified again in order to include the records changes.

# Geosavi Hours of Service: Uncertified Logs



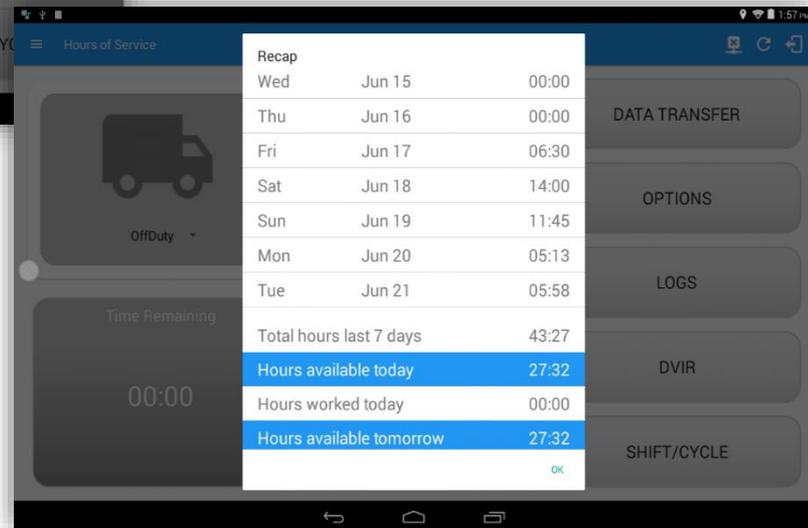
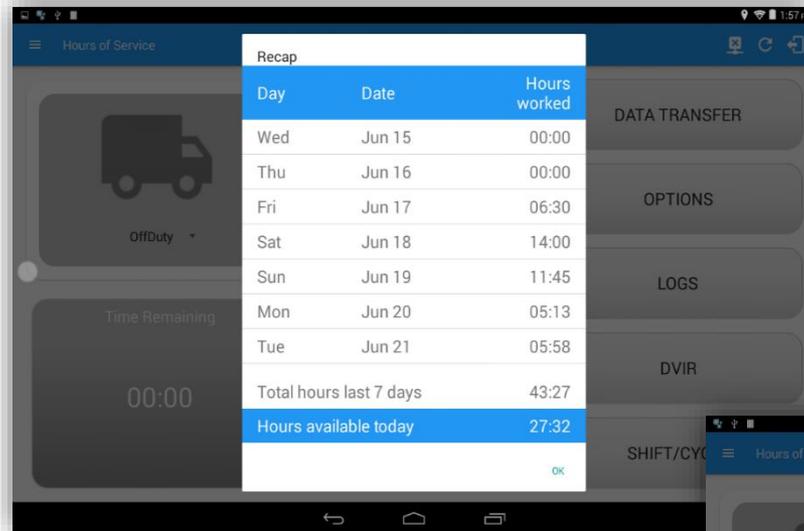
During login and logout the driver is notified of prior recorded logs that have not yet been certified along with an option to certify the relevant days.

# Geosavi Hours of Service: Recap



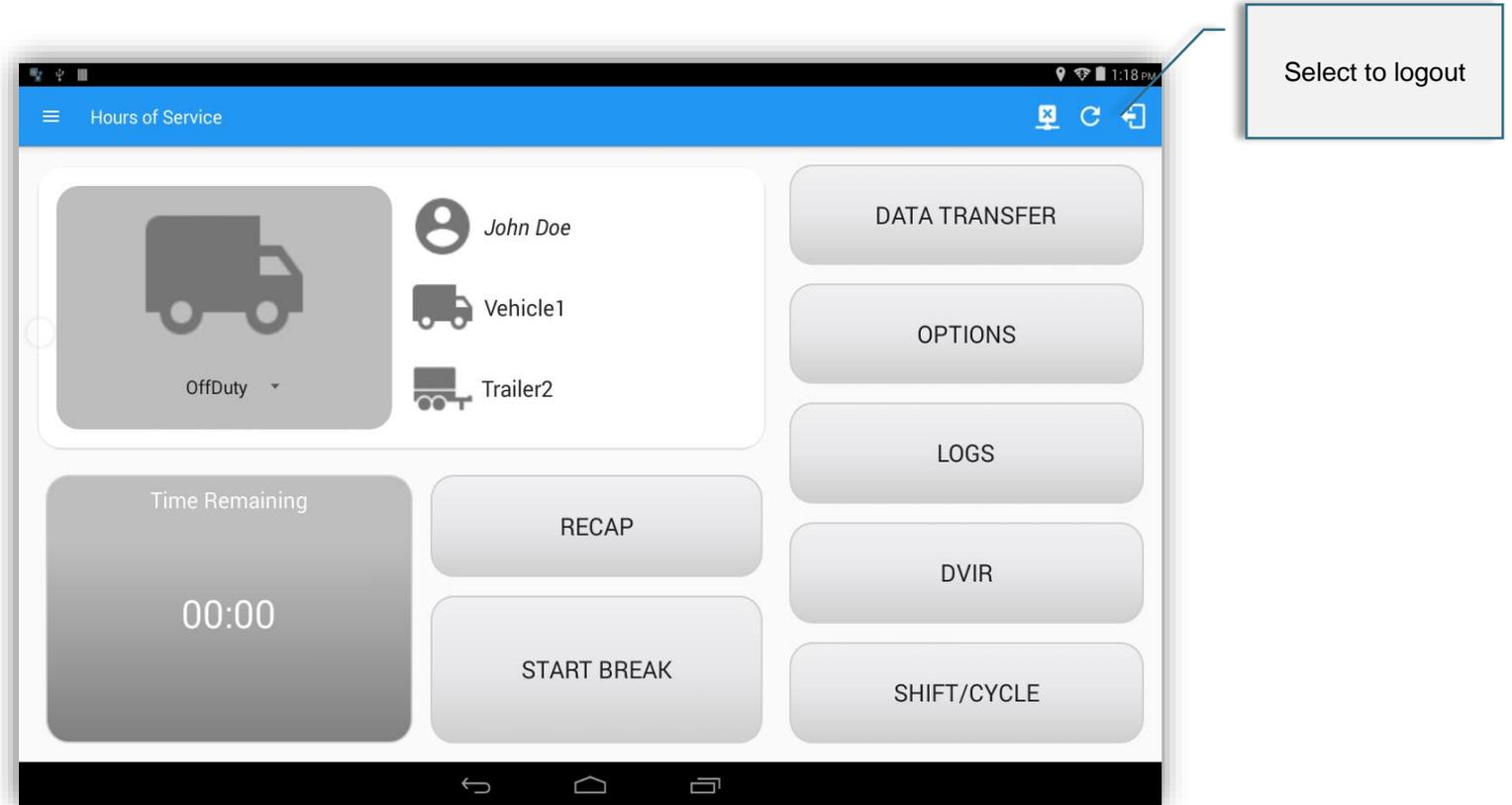
Select 'Recap' to display the Hours Worked for the current and previous 6 or 7 days.

# Geosavi Hours of Service: Recap

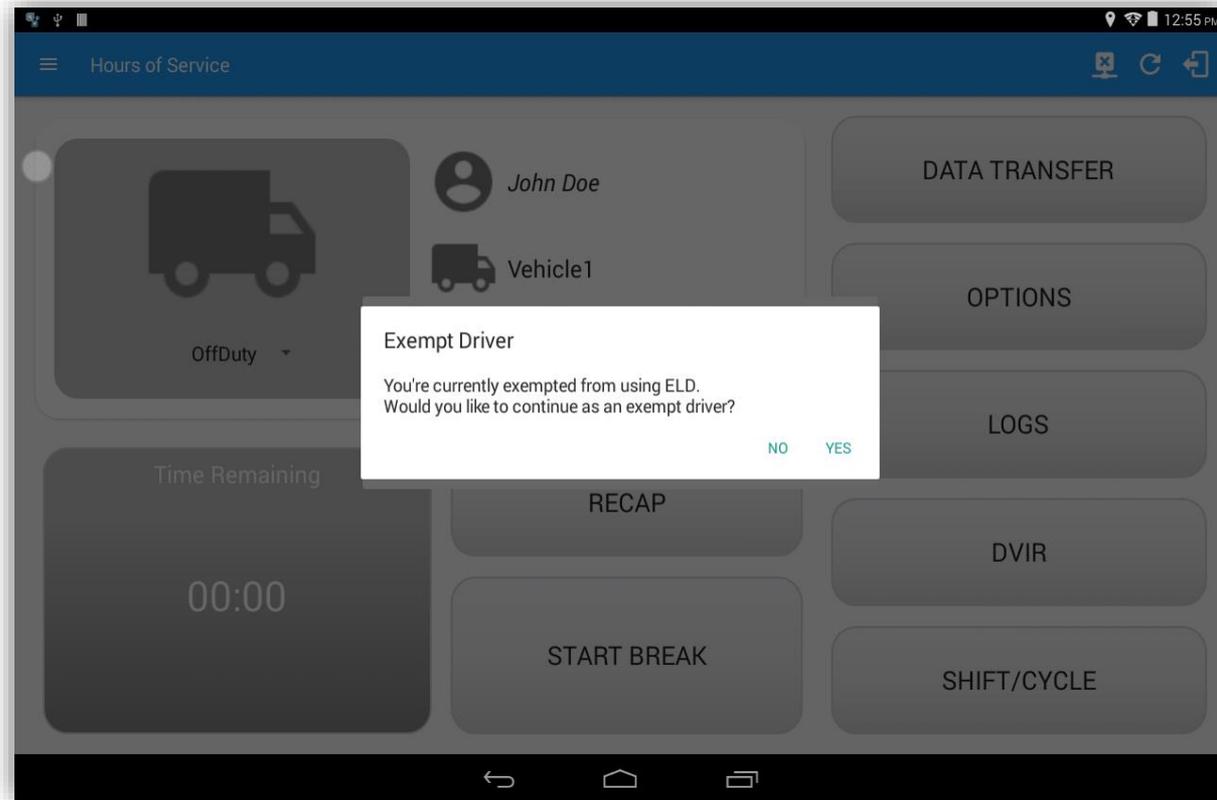


Displays the Hours Worked for the current and previous 6 or 7 days.

# Geosavi Hours of Service: Logout



# Geosavi Hours of Service: Logout



If the Driver is an **Exempt Driver** or a driver that operates under the short-haul exemption (**395.1 (e)**), upon logging out the dialog will display again confirming whether the driver chooses to continue as an exempt driver.

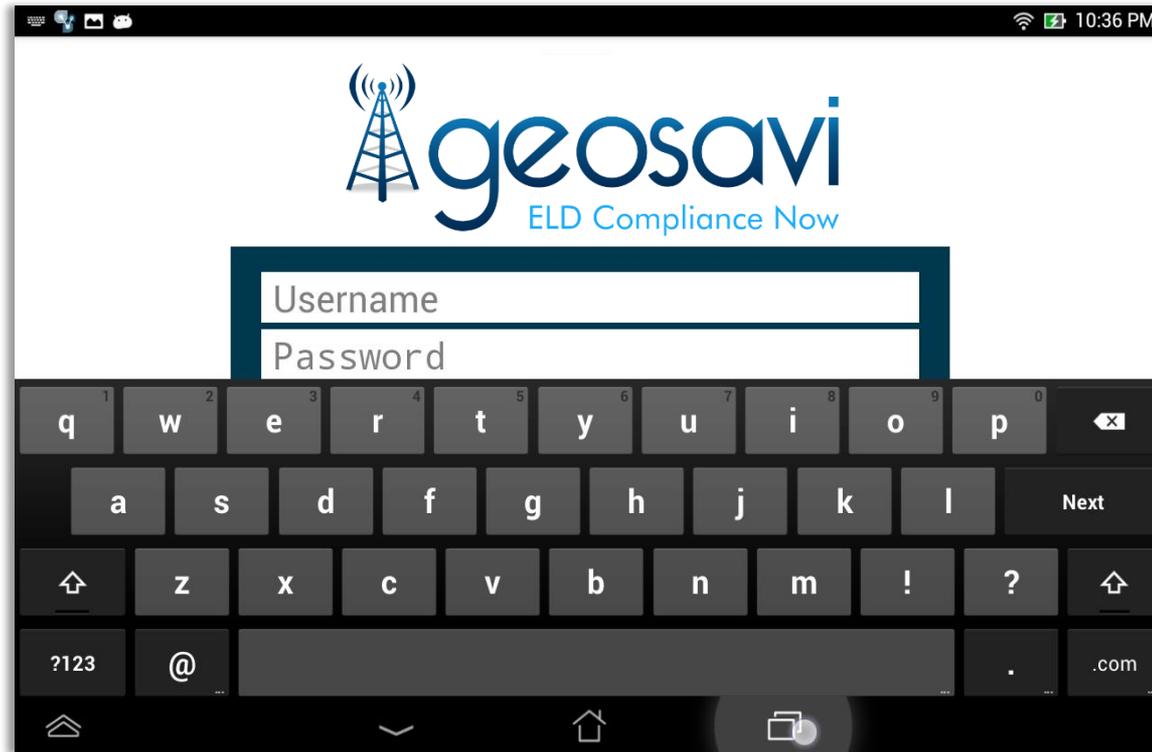
# Geosavi Hours of Service: Logout

The image displays two screenshots of the Geosavi Hours of Service application interface. The left screenshot shows the user 'Lhe Soo' in an 'OffDuty' status. A 'Logout' dialog box is open, asking 'Are you sure you want to logout?' with 'CANCEL' and 'LOGOUT' buttons. A callout box points to the 'LOGOUT' button with the text 'Select to confirm logout'. The right screenshot shows the user 'green cross' in a 'Driving' status. A 'Logout' dialog box is open, asking 'Are you sure you want to logout?' and including a 'go off-duty' checkbox. A callout box points to this checkbox with the text 'Check "Go Off-Duty" if you want to go off-duty upon logging out.' The background of both screenshots shows various controls like 'DATA TRANSFER', 'OPTIONS', 'LOGS', 'RECAP', 'DVR', 'START BREAK', and 'SHIFT/CYCLE'.

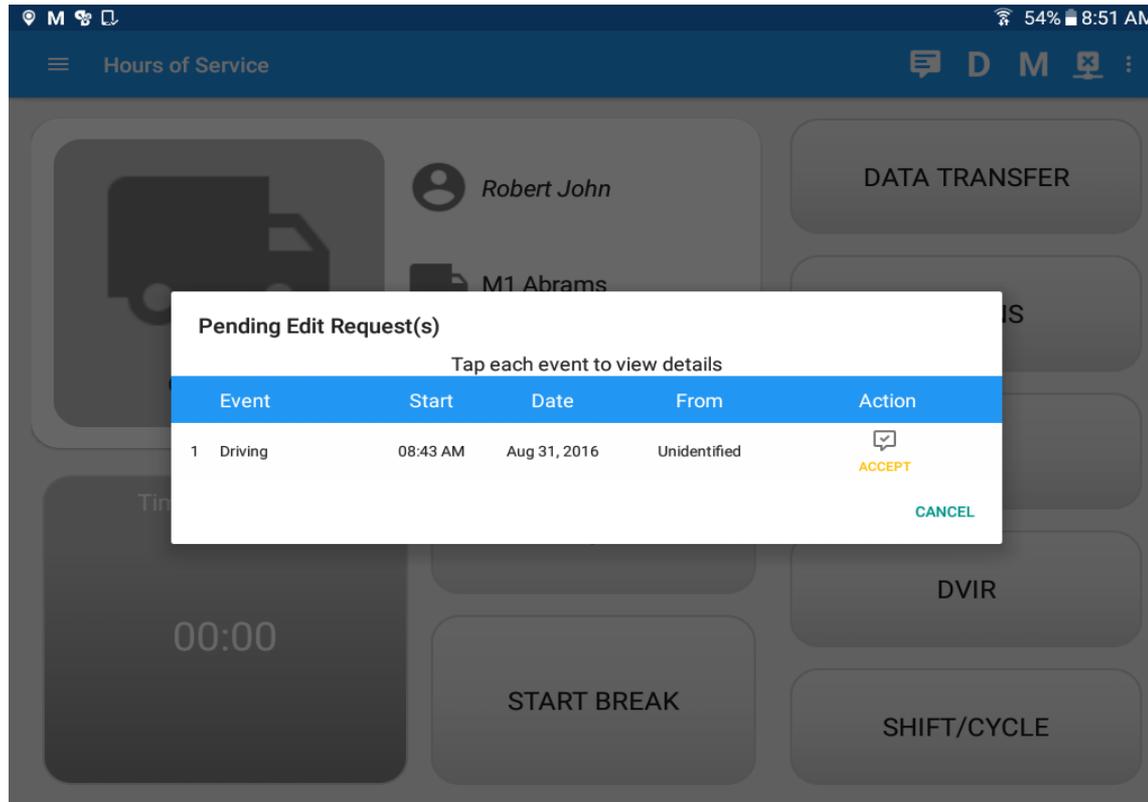
- Confirm you want to logout.
- Go Off-Duty checkbox will appear when driver status is not Off-Duty before logging out.

## Geosavi Hours of Service:

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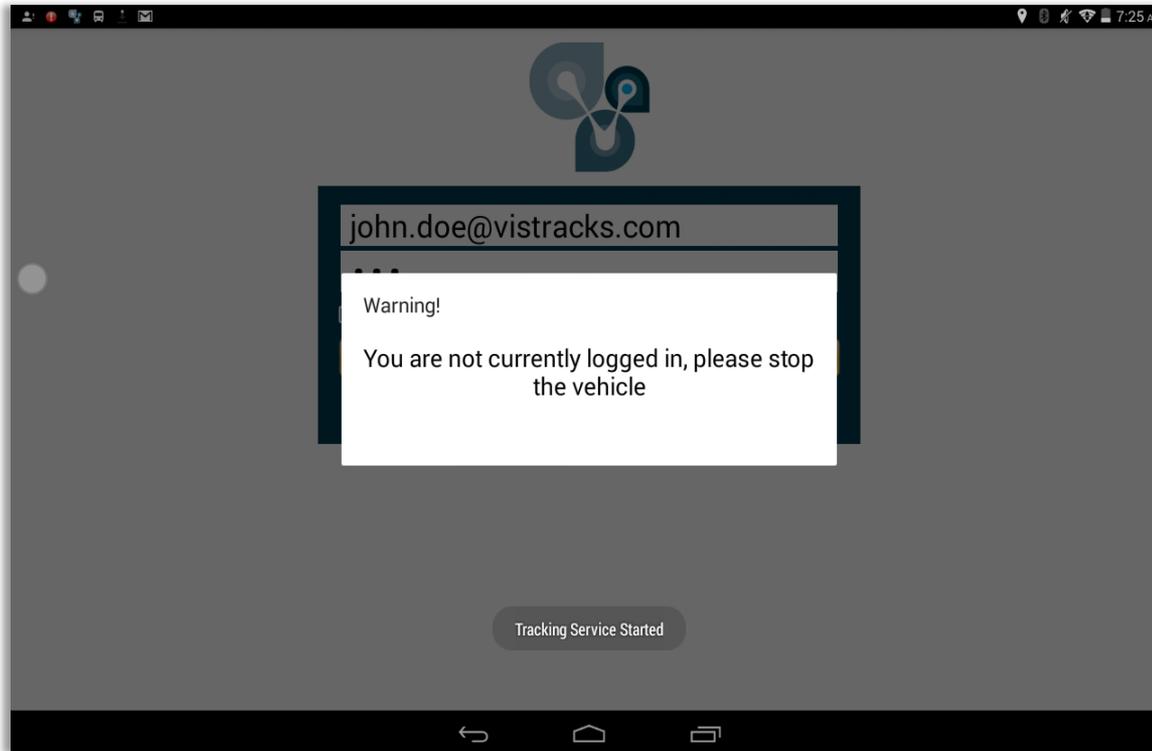


- Once the logout process is successful, the login screen is then displayed.
- If the driver logs out from the Hours of Service app and the vehicle is put into motion for more than 3 minutes, Unidentified Driving Events are automatically created under the Unidentified Driver account.

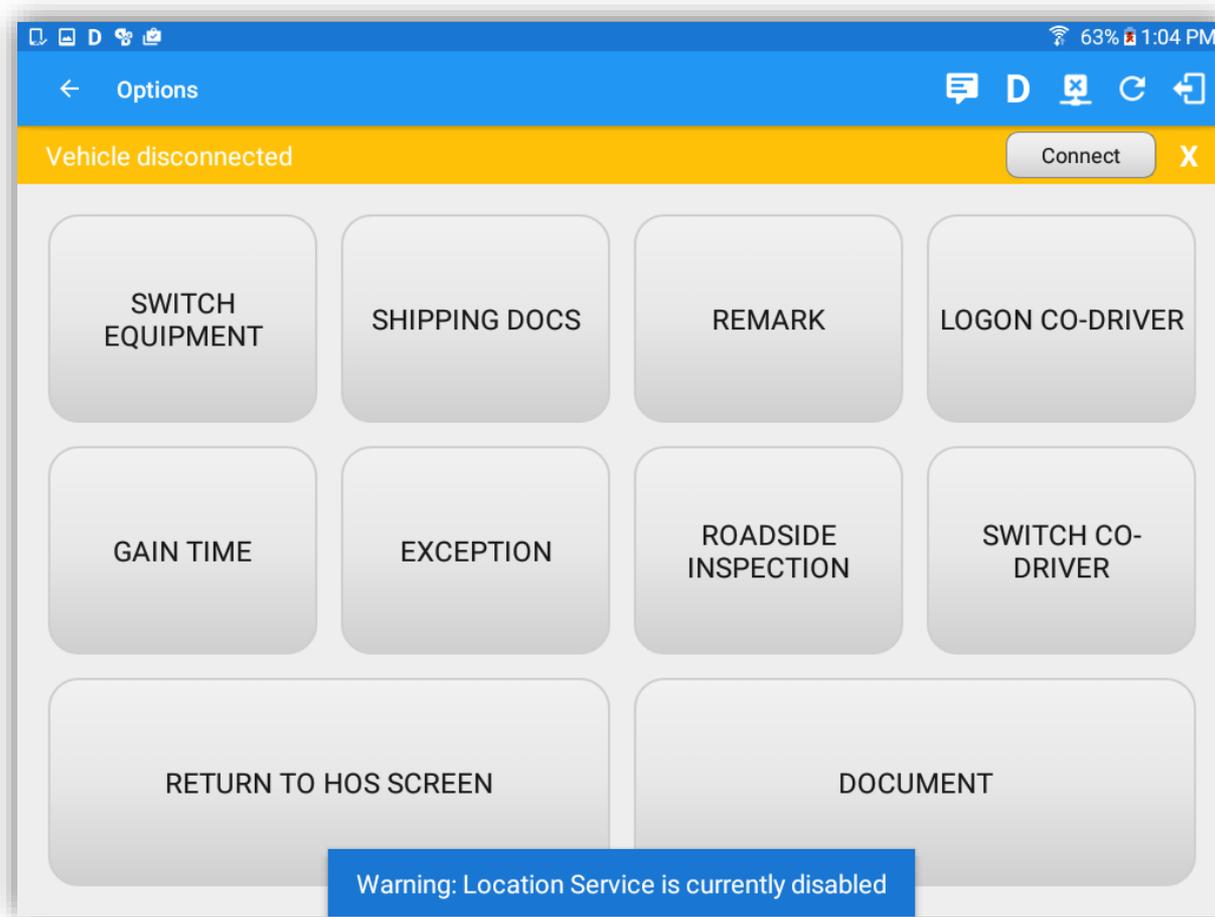


When an Authenticated Driver logged into the Hours of Service app, these events can then be confirmed or rejected.

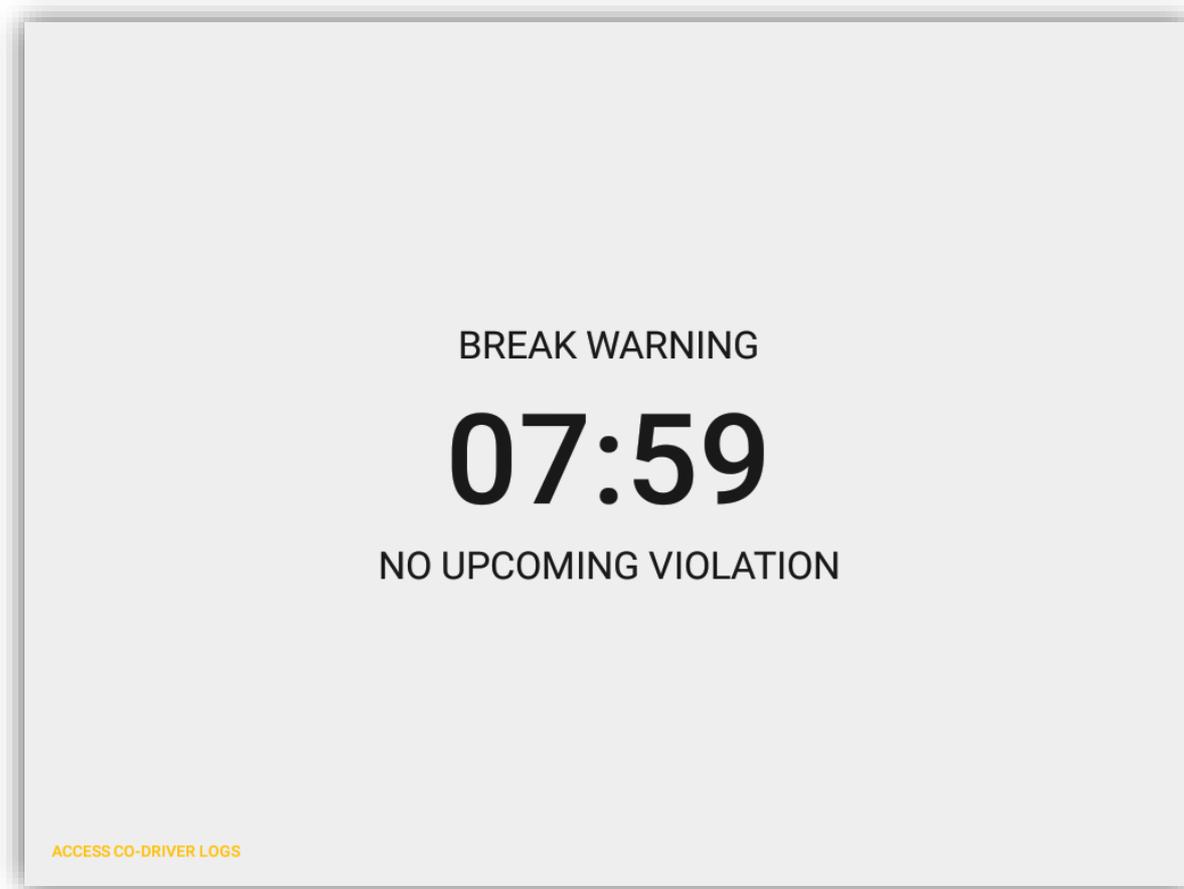
# Geosavi Hours of Service: Warning Features



- If the driver has logged out from the app and the vehicle is put into motion, the ELD prompts a visual and audible warning reminding the driver to stop and login to the ELD. This monitoring and notification capability is dependent on the VBUS service running in the background.
- The visible warning stays on the screen and also prevents the driver from using any features of the tablet until the vehicle has stopped.



- 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 except for the screens navigated through the Settings menu. However, when the Location Services of the device is enabled then the snackbar will no longer display.



- All warnings acquired by the authenticated driver while driving, will be displayed on the lock screen and remains on screen along with a countdown (to 00:00) being displayed however the text will dim down after 15 seconds to not distract the driver. The normal text color (black or white, depending on day/night mode) will be displayed upon tapping of the screen.



# Geosavi – Hours of Service Web Portal

# Web Portal - Drivers Tab

The screenshot shows the Geosavi web portal interface. The top navigation bar includes the Geosavi logo, a menu icon, and user information for 'Aspire 1'. The left sidebar contains navigation options: Hours of Service, Drivers (selected), Logs, Violations, Unidentified Driving, Reports, DVIR History, Malfunctions & Data Diagnostics, Log Edits, Mobile Worker, and Settings. The main content area is titled 'Last Reported Status' and features filters for 'All Drivers', 'All Terminals', and 'Active'. A 'Filter by Driver ID' checkbox is checked. A summary bar shows counts for OFFDUTY (7), SLEEPER (0), DRIVING (1), ONDUTY (0), and WAITING (0). The main table displays driver details with columns for Driver ID, Driver Name, Vehicle, Status, Last Contact, Last Position, Drive Left, Shift Left, Cycle Left, Gain Time At, Time Gained, Next Violation, Time to Next Violation, Uncertified Logs, and Violation. A tooltip 'Go to John Doe Jr.'s Logs' is visible over the 'Shift Left' column for John Doe Jr., and his 'Drive Left' and 'Shift Left' values are highlighted with a green box.

Driver ID	Driver Name	Vehicle	Status	Last Contact	Last Position	Drive Left	Shift Left	Cycle Left	Gain Time At	Time Gained	Next Violation	Time to Next Violation	Uncertified Logs	Violation
	Aspire 1.unidentifiedDriver		OffDuty	12/20/2016 11:07 AM	4mi NNW Elkhart, IN	10:48	13:46	69:48	Shift Reset: 12/20/2016 09:07 PM	11:00	N/A	N/A	6	None
	John Lennon	EQUI 101	OffDuty	12/20/2016 10:45 AM	NoData	00:00	00:00	39:14	Shift Reset: 12/20/2016 08:45 PM	11:00	N/A	N/A	20	None
	John Doe Jr.	EQUI 101	OffDuty	12/20/2016 02:03 PM	2mi NW Elkhart, IN	10:24	10:24	68:32	Shift Reset: 12/21/2016 12:37 AM	11:00	N/A	N/A	16	None
26563252	Jessie Pinkman	EQUI 101	OffDuty	12/15/2016 09:00 PM	NoData	10:03	11:43	65:44	Shift Reset: 12/16/2016 05:00 AM	13:00	N/A	N/A	29	None
	Daryl Dixon	Live Truck	OffDuty	12/14/2016 08:18 PM	NoData	10:32	12:55	59:18	Shift Reset: 12/15/2016 06:18 AM	11:00	N/A	N/A	23	None

- The Drivers Tab displays the drivers availability and current status along with last contact and position information. Also, by default, the status filter is set to Active to display all active drivers on the table.
- The 'Filter by Driver ID' option is enabled by default; this allows to filter all the drivers using there Driver ID. This option is also available in the Logs & Violations Tab.

# Web Portal - Logs Tab

The screenshot displays the 'Driver History' page for 'John Doe Jr.'. The interface includes a top navigation bar with 'Aspire 1', 'Send Feedback', 'Refresh', 'Help', 'Daryl Dixon', and 'Sign out'. Below the navigation bar, there are buttons for 'Export', 'Certified Log', 'Documents', and 'Log Edit Form'. The main content area is divided into a left sidebar and a central grid.

**Driver Information:**

- Driver ID: [Empty]
- Driver Name: John Doe Jr.
- Carrier Information: Alexandria Inc., 10 St. Bleckley Ave Atlanta Georgia 30301, Home Terminal
- Vehicle Information: Vehicle Driven \*EQUI 101, Total Mileage 0 Mi
- Resources: Trailers Used \*Trail105, Shipments BL No. 12345

**Grid Chart:** Shows a 24-hour timeline for 12/21/2016. The chart displays driving events for OF (Off Duty), SB (Sleeping), DR (Driving), and ON (On Duty). A vertical line at 7:16 AM is labeled 'Yard Moves'. The right side of the grid shows time intervals: 00:01, 00:00, 00:00, 07:16, and 07:17.

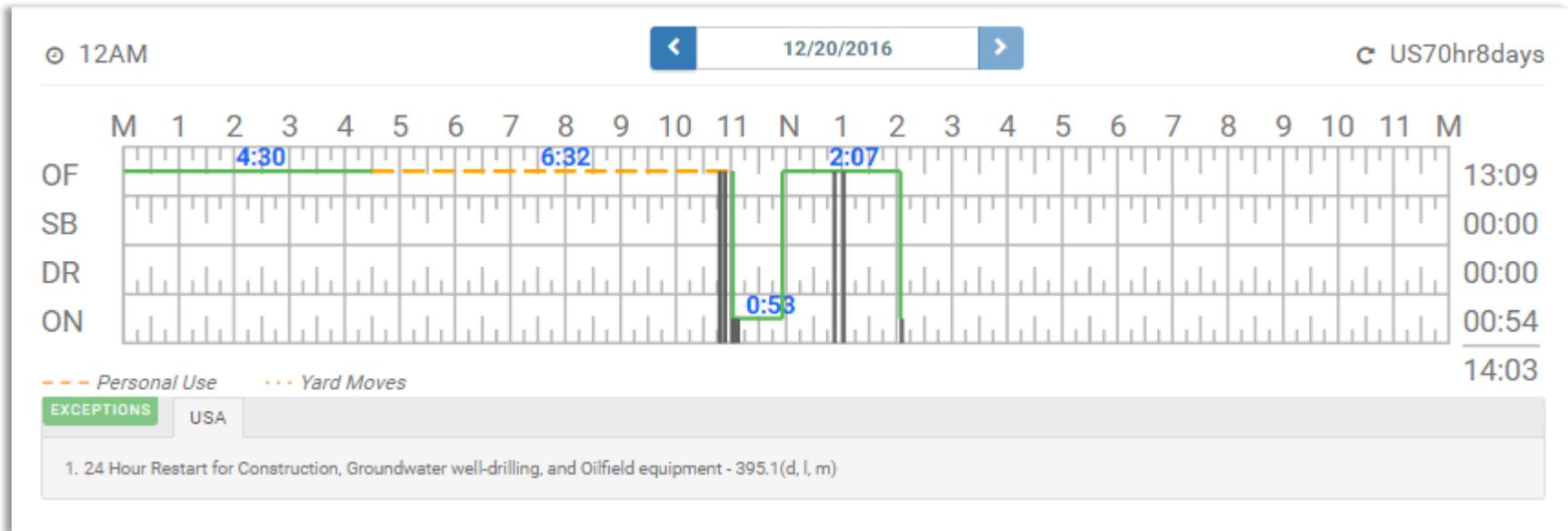
**Event List:**

Time	Status	Location	Remarks	Odometer	Violation	Actions
1 12:00 AM	Yard Moves	4mi NNW Elkhart, IN		0		[Edit]
2 07:15 AM	Remark		Authenticate	0		[Edit]
3 07:16 AM	OnDuty ND			0		[Edit]
4 07:16 AM	OffDuty		test	568		[Add] [Edit]
5 07:17 AM	Remark		Co-driver logged in: Jessie Pinkman	0		[Edit]

**Legend:** \* = Edited Entries . IC = Inactive Changed . ICR = Inactive Change Requested . ICJ = Inactive Change Rejected

- The Logs tab displays the information relevant to the driving history such as driving events, events grid chart, driver and vehicle information, and any incurred violations.
- The option “Show All Events” also hide/unhide the secondary events.

# Web Portal - Logs Tab



- 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.

# Web Portal - Violations Tab

Driver Violations

[Export](#) [Acknowledgement Form](#)

All Drivers  All Terminals  12/01/2016 - 12/20/2016  All Violations

Filter by Driver ID

Date	Driver	Violations	Documents & Notes
+ 12/13/2016	John Lennon	30	<a href="#">+</a>
12/13/2016	John Lennon	11	<a href="#">+</a>
- 12/13/2016	John Lennon	14	<a href="#">+</a>
Uploaded By	Date	Document and Note	
Daryl Dixon	12/14/2016 08:46 PM	testing only	
Daryl Dixon	12/14/2016 08:47 PM	<a href="#">+</a>	
12/13/2016	John Lennon	30	<a href="#">+</a>
12/12/2016	John Lennon	30	<a href="#">+</a>
12/12/2016	John Lennon	11	<a href="#">+</a>

The Violations tab displays all violations for the date range selected. The driver is also allowed to upload more than one driver violation documents in any file type.

# Web Portal - Reports Tab

The screenshot shows the Geosavi web portal's Reports tab. The sidebar on the left contains navigation items: Hours of Service, Drivers, Logs, Violations, Unidentified Driving, Reports (selected), DVIR History, Malfunctions & Data Diagnostics, Log Edits, Mobile Worker, and Settings. The main area displays a grid of report cards: Hours and Miles Report, Edit Logs Report, Multiple Driver Logs Report, DVIR Report, Hours Worked Report, IFTA Report, ELD CSV Output File Report, Work Order Completion Report, and Work Order Completion Report Summary. The top right of the page shows user information: Aspire 1, Send Feedback, Refresh, Help, Daryl Dixon, and Sign out.

Display 'Hours and Miles Report' and 'Edit Logs Report' and other reports for each Drivers. And can also generate reports in PDF or Excel format with an option to convert distance values to Mi or KM units.

# Web Portal - DVIR History Tab

DVIR History

All Equipment ▼ 12/15/2016 - 12/22/2016 ▼

Equipment	Defects	Repairs	DVIR Number	Inspector	DVIR Type	Date Created	Vehicle Type	Report Address	Action
+ EQUI 101	<span>0</span> <span>0</span> <span>0</span>		17839	John Lennon	PRE_TRIP	12/20/2016 08:51 AM	Vehicle		
- EQUI 101	<span>1</span> <span>0</span> <span>1</span>		17837	John Lennon	PRE_TRIP	12/20/2016 08:48 AM	Vehicle		
- Items									
Parking Brake									
Steering Mechanism									
Lighting Devices and Reflectors									
Tires									
Horns									
Windshield, Wipers, Washers									
Rear View Mirrors									
Wheels and Rims									

Displays all the performed DVIR by the users. Tapped  'Action' button on each items to also view DVIR Details.

# Web Portal - DVIR Details

The screenshot displays the Geosavi web portal interface. On the left is a navigation menu with options like Hours of Service, Drivers, Logs, Violations, Unidentified Driving, Reports, DVIR History, Malfunctions & Data Diagnostics, Log Edits, Mobile Worker, and Settings. The main content area shows 'DVIR History' with a list of equipment items. A modal window titled 'Update Details' is open, showing the following information:

Repair Order Number	DVIR Number	Vehicle ID	Vehicle	Reported Address	Defects	Created by
Enter Repair Order Number	17837	1326747	EQUI 101		Windshield, Wipers, Washers: (High Priority)	John Lennon on 12/20/2016 08:48 AM

Below the form, there are radio buttons for 'Certify Repairs' with options 'Repairs made' and 'Repairs not necessary'. A 'Notes' section with a text input field and a 'Save' button are also present.

Shown above is the DVIR details of a specific DVIR item. The Latitude and Longitude values, Reported address and the Driver's name were also provided.

# Web Portal - Unidentified Driving Tab

Unidentified Driving Events [Export](#)

Not Yet Assigned  Assigned

Date/Time	Event	VIN	Vehicle	Location	Latitude/Longitude	Nearest Terminal(Miles)	Nearest Terminal(Code)	Start Odometer	End Odometer	Accumulated Miles	Status	Action
12/20/2016 10:53 AM	Driving	1M8GDM9AXKP042000	EQUI 101					0			Not Yet Assigned	
12/20/2016 11:01 AM	OnDuty	1M8GDM9AXKP042000	EQUI 101					0			Not Yet Assigned	
12/20/2016 11:03 AM	Driving	1M8GDM9AXKP042000	EQUI 101	4mi NNW Elkhart, IN	41.74/-86	525.52282	Blue Terminal	0			Not Yet Assigned	

Showing 1 to 3 of 3 entries

Show  entries

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Displays all the ELD record(s) logged under the unidentified driver profile that will be reassigned to the driver.

# Web Portal - Reassign Event

The screenshot displays a web portal interface for managing driving events. A modal dialog titled "Reassign Event" is open, allowing users to reassign an event to a specific driver. The dialog includes a "Note" text area, a "Reassign" dropdown menu currently set to "Select Driver", and a "Save" button.

The background shows a table of "Unidentified Driving Events" with the following data:

Date/Time	Event	Vehicle ID	Equipment	Location	Start Odometer	End Odometer	Accumulated Miles	Status	Action
12/20/2016 10:53 AM	Driving	1M8GDM9AXKP042000	EQUI 101		0			Not Yet Assigned	
12/20/2016 11:01 AM	OnDuty	1M8GDM9AXKP042000	EQUI 101		0			Not Yet Assigned	
12/20/2016 11:03 AM	Driving	1M8GDM9AXKP042000	EQUI 101	4mi NNW Elkhart, IN	41.74/-86	525.52282	Blue Terminal	Not Yet Assigned	

At the bottom of the table, it indicates "Showing 1 to 3 of 3 entries" and provides pagination controls (Prev, 1, Next) and a "Go to page..." field.

Shown above is the ability to Reassigned Unidentified Driving Events to an Authenticated Driver(s).

# Web Portal - Unidentified Driving History

Unidentified Driving Events [Export](#)

All Vehicles All Events 12/14/2016 - 12/20/2016

Not Yet Assigned  Assigned

Date/Time	Event	VIN	Vehicle	Location	Latitude/Longitude	Nearest Terminal(Miles)	Nearest Terminal(Code)	Start Odometer	End Odometer	Accumulated Miles	Status	Action
12/20/2016 10:53 AM	Driving	1M8GDM9AXKP042000	EQUI 101					0			Assigned	
Driver : Jessie Pinkman    Assigned By : Daryl Dixon    Note : Reassigning to Jessie Pinkman - Location not found											Request	
12/20/2016 11:01 AM	OnDuty	1M8GDM9AXKP042000	EQUI 101					0			Not Yet Assigned	
12/20/2016 11:03 AM	Driving	1M8GDM9AXKP042000	EQUI 101	4mi NNW Elkhart, IN	41.74/-86	525.52282	Blue Terminal	0			Not Yet Assigned	

Showing 1 to 3 of 3 entries  
Show  entries

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Shown above is the non-UDE driver history edits. A new record will be created for every updates made to the event, which will then be displayed below the original event.

# Web Portal - Button Editor

The screenshot shows the 'BUTTON EDITOR' interface. At the top, there is a header 'BUTTON EDITOR'. Below it, there are two dropdown menus: 'Select Application Screen to Edit' (set to 'Driver Options') and 'Landscape'. A note below these says 'Select the application screen on which to edit and specify the default button locations'. The main area is divided into two sections: 'Editor' and 'Application Template'. The 'Editor' section contains a grid of buttons with labels: EQUIPMENT, SHIPPING DOCS, REMARK, LOGON CO-DRIVER, GAIN TIME, EXCEPTION, ROADSIDE INSPECTION, SWITCH CO-DRIVER, RETURN TO HOS SCREEN, and DOCUMENT. The 'Application Template' section shows a mobile app screen layout with a blue header 'Options' and several placeholder boxes for buttons. At the bottom, there are 'Reset' and 'Save' buttons. A note at the bottom of the editor section says: 'Drag and drop the button from the section below to the preferred locations on the right. You can also double click a button above to rename its label.'

Shown above is the android application with placeholders for the button locations. This page allows the driver to moved buttons between screens, update the button text and allow both portrait and landscape layouts to be edited.