TruckerELD

TruckerELD User Manual
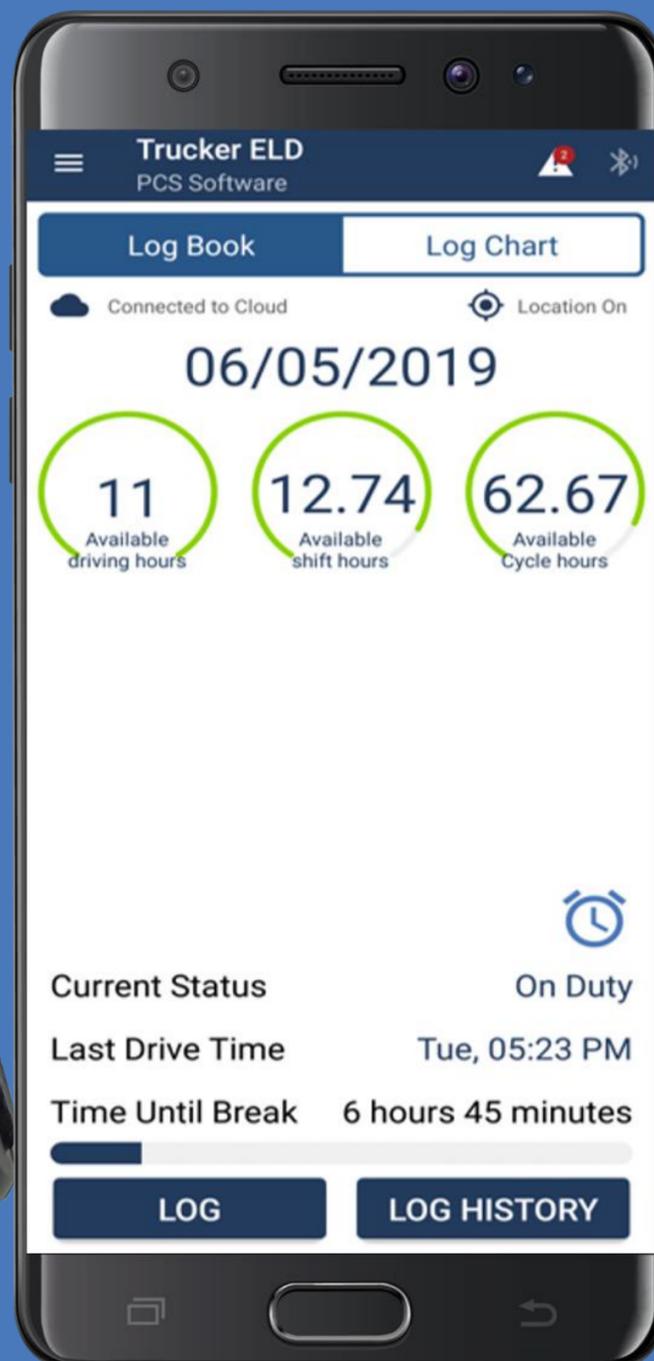
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Installing the TruckerELD Device

Equipment

ELD Device

Harness

Bluetooth Extender

Parts Assembly

Plug the cable at the of the harness **2** **A** into the ELD device **1**

Plug the BT Extender **3** into the short cable of the harness **2** **D**

Vehicle Installation

With the engine off, plug the long cable into the vehicle's diagnostic port. This is usually located under the left side of the dashboard or driver's left kick panel.

Use the "Y" cable if installing behind the panel.

Once plugged in, turn the collar clockwise to lock into place.

Mount the ELD and BT Extender onto the dashboard, near the windshield but not covering any vents.

Both the ELD and the BT Extender must be in a good position for proper connectivity and performance.

Download the TruckerELD Mobile App

Login to the TruckerELD App

Launch the **TruckerELD** App and login using the email address and password in your registration email.
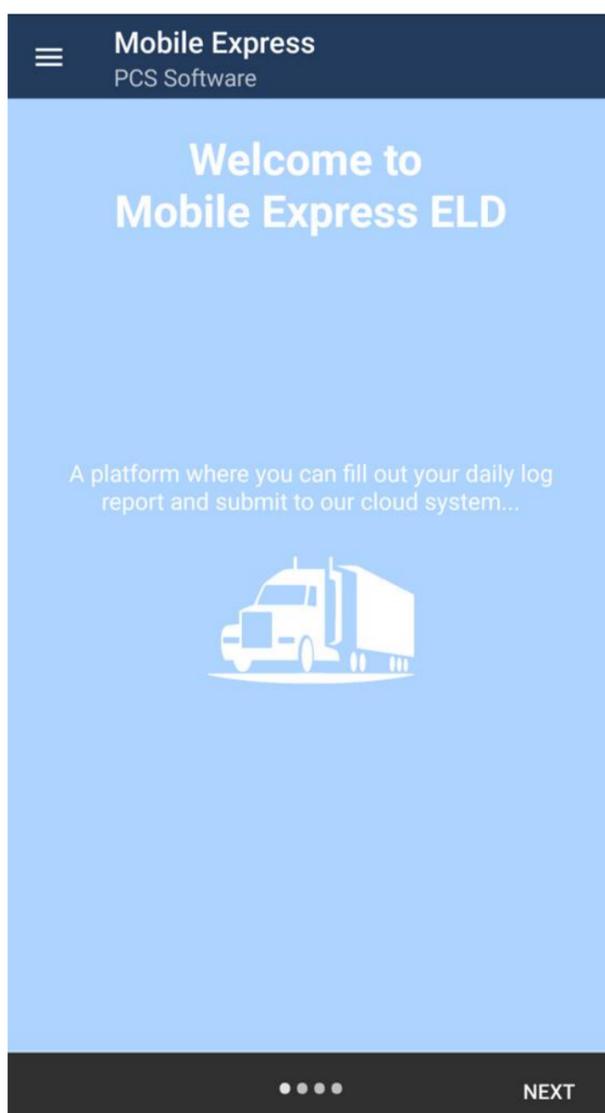
The first time you login, you'll be walked through connecting your phone to the **TruckerELD** device.

Connect to the TruckerELD device

1 – Starting Status
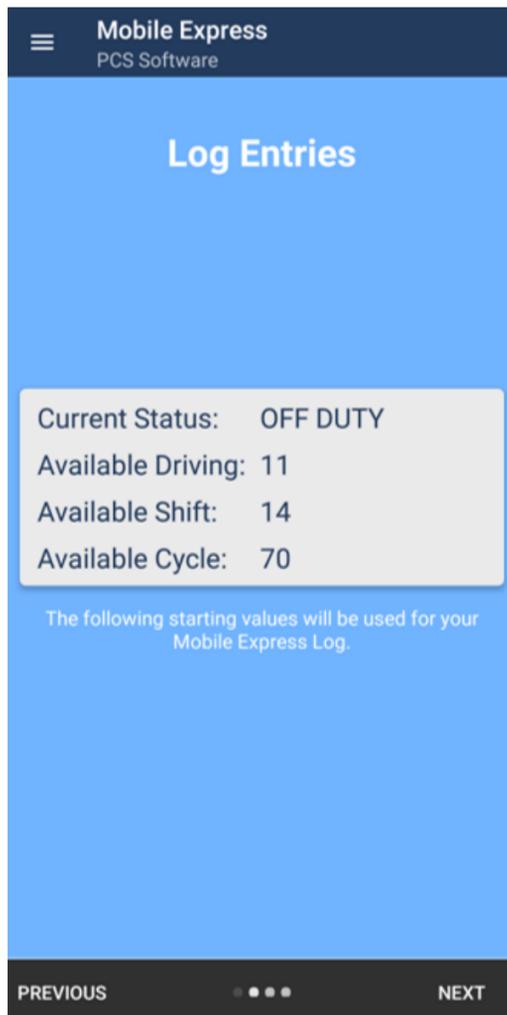
2 – Connect the ELD to your phone

3 – Scan the barcode on your ELD device

4 – ELD device information displays

Connect to the TruckerELD device
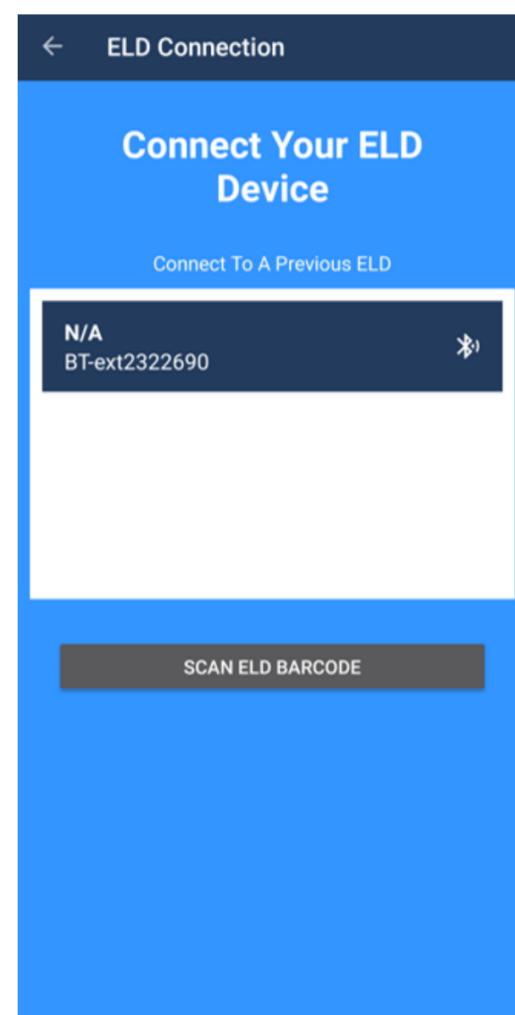
4 – Finalize setup.
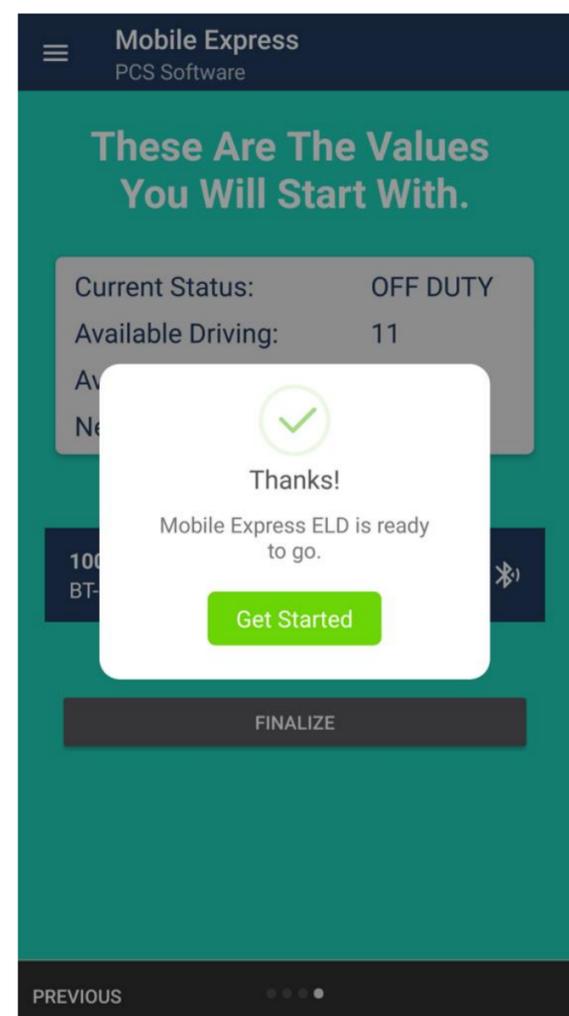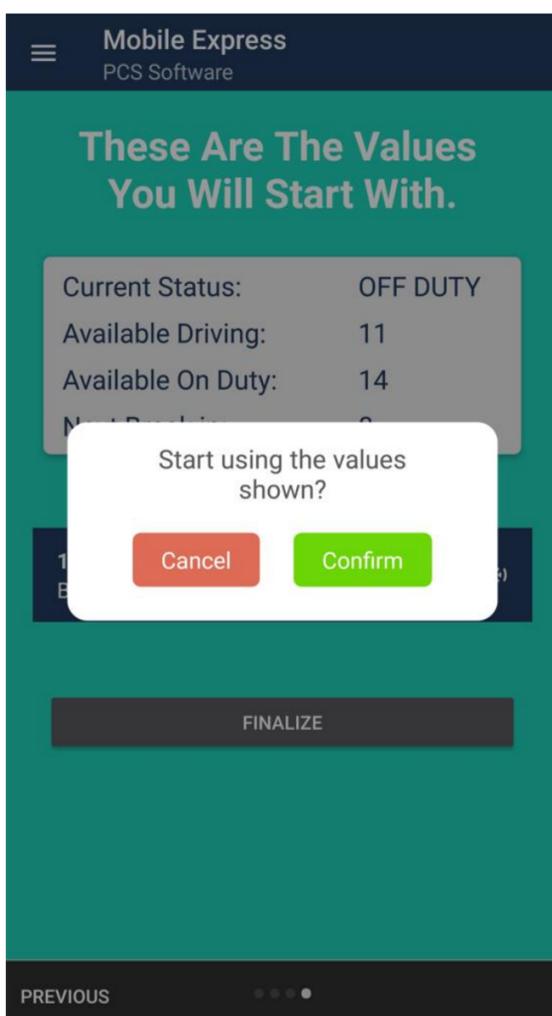
Log Book Screen Components

Bluetooth Connection

Available Hours

Log Graph

Driving

On Duty

Off Duty

Sleeper Berth

Yard Move

Log Graph Screen Components
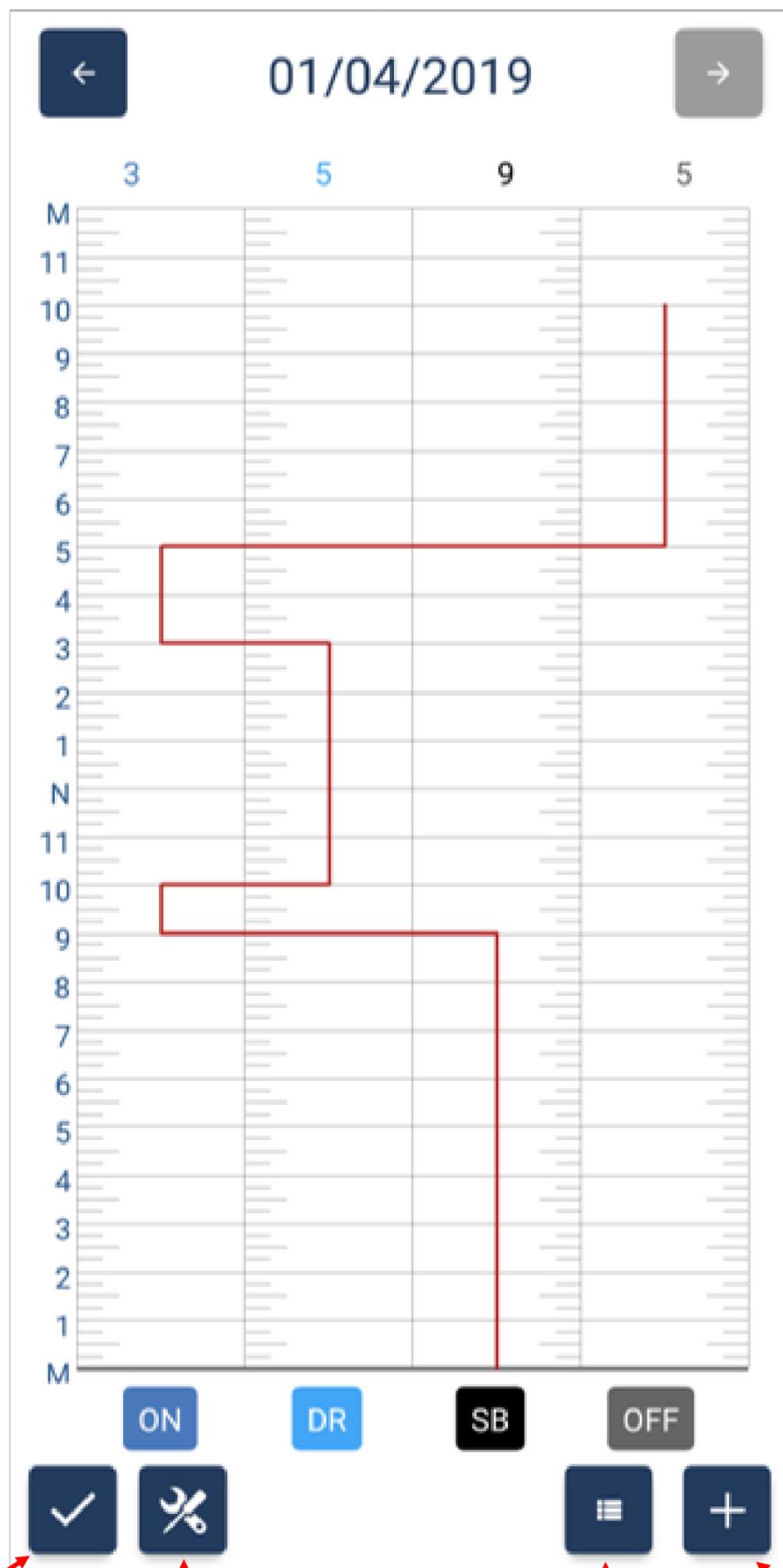
Finalize Log

DVIR

Toggle List/Graph

Log Entry / Add New Turn

Recording Hours of Service

Once your mobile device is connected to the **TruckerELD**, your driving is automatically recorded once the vehicle is in motion. You must have the App running for this to work.

When the vehicle is in motion, you are *not* able to change status.

When the vehicle stops moving for some time, you are prompted to continue driving or to select an alternate duty status.
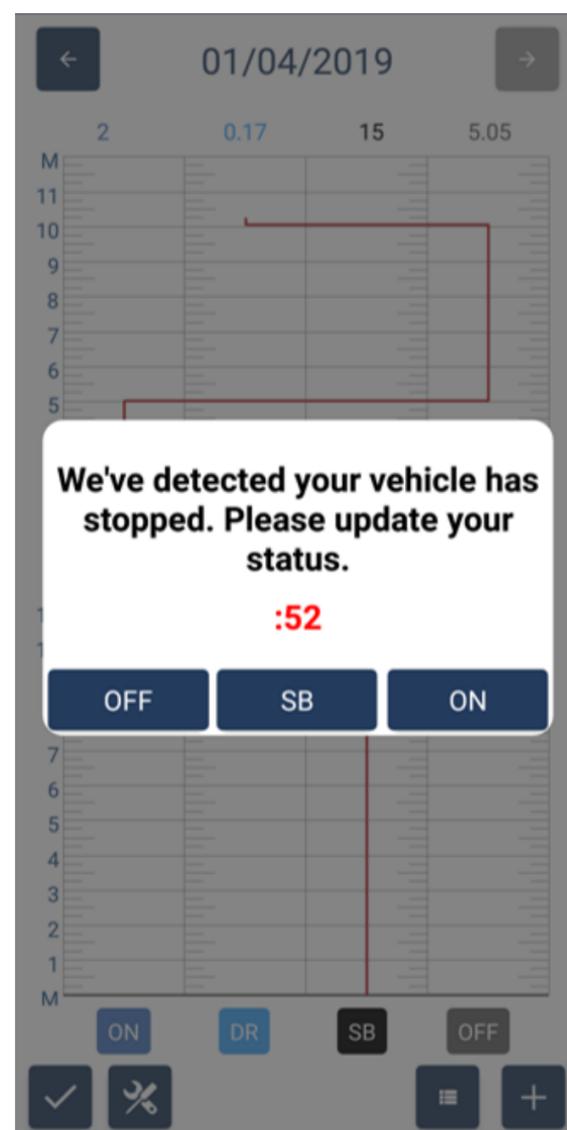
Using Daily Logs

Press **LOG** to access your current daily log for changing or editing non-driving duty status.

Press **LOG HISTORY** to view your last 14 days of logs.

Using TruckerELD

Using Daily Logs
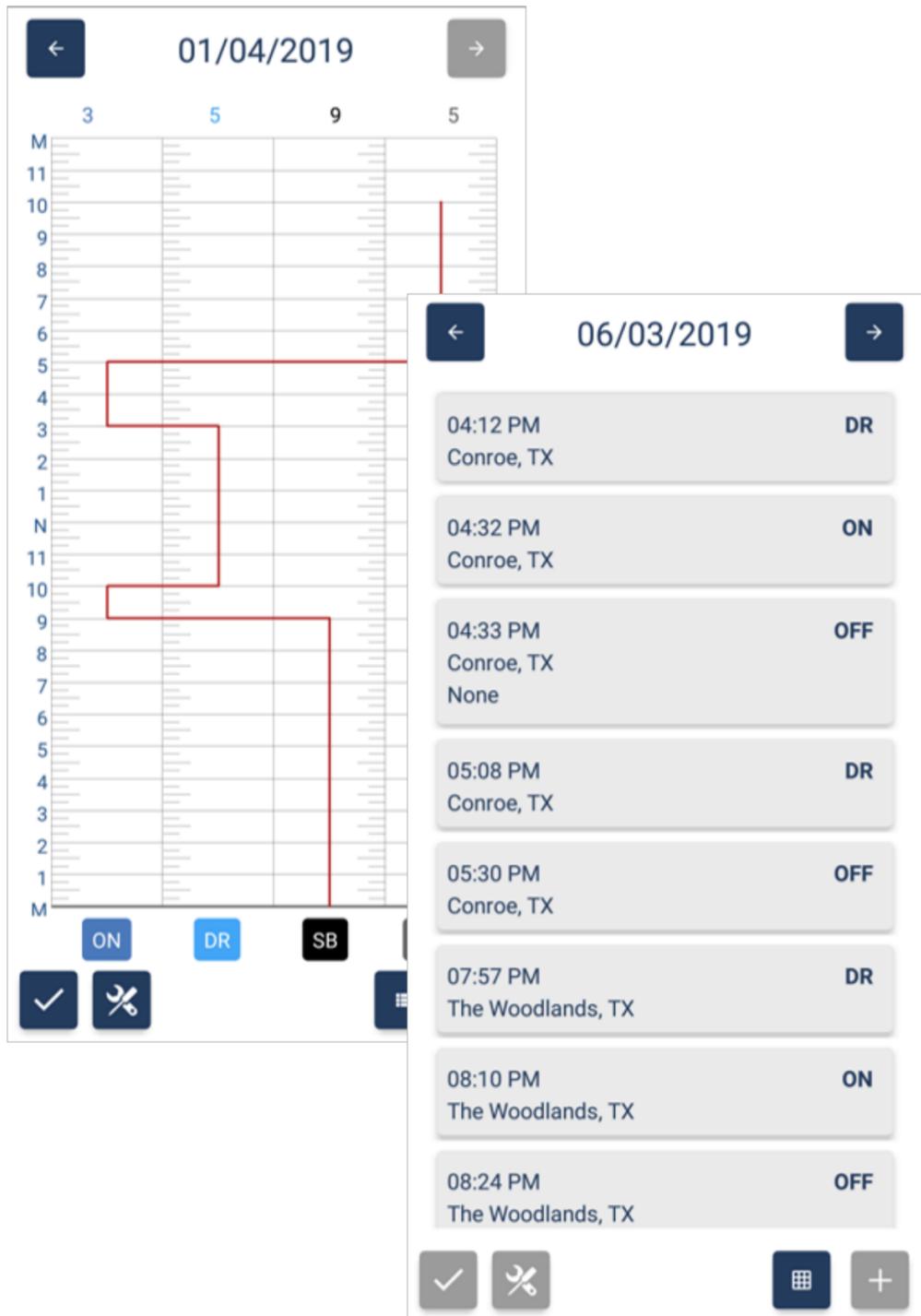
You can change the view of your daily logs from portrait to landscape for easier use.
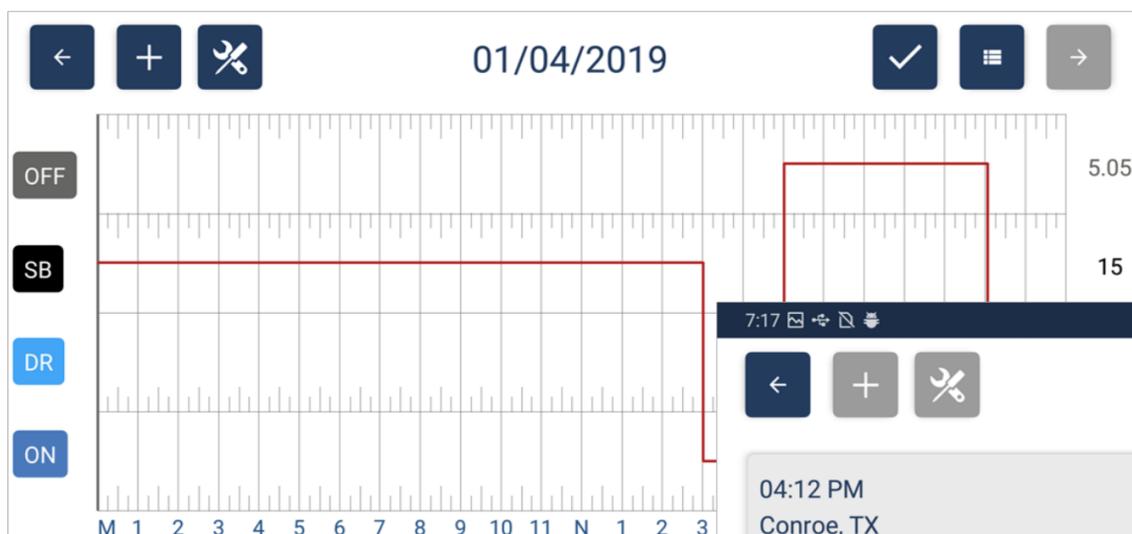
Simply turn your phone and the screen will adjust automatically.

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Change Your Current Duty Status
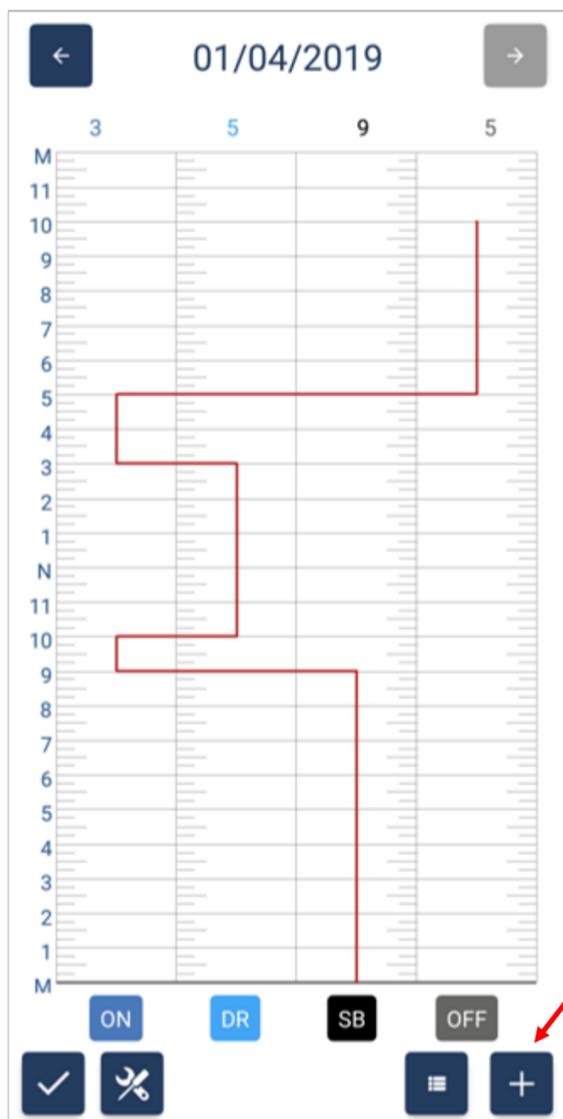
1 – Press [+] to add a new turn / change status.

Driving is recorded automatically when the vehicle is motion so you do not have the option to change to **Drive** status.

2 – Tap the appropriate **Status** and select an **Activity** if necessary.

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Change Your Current Duty Status
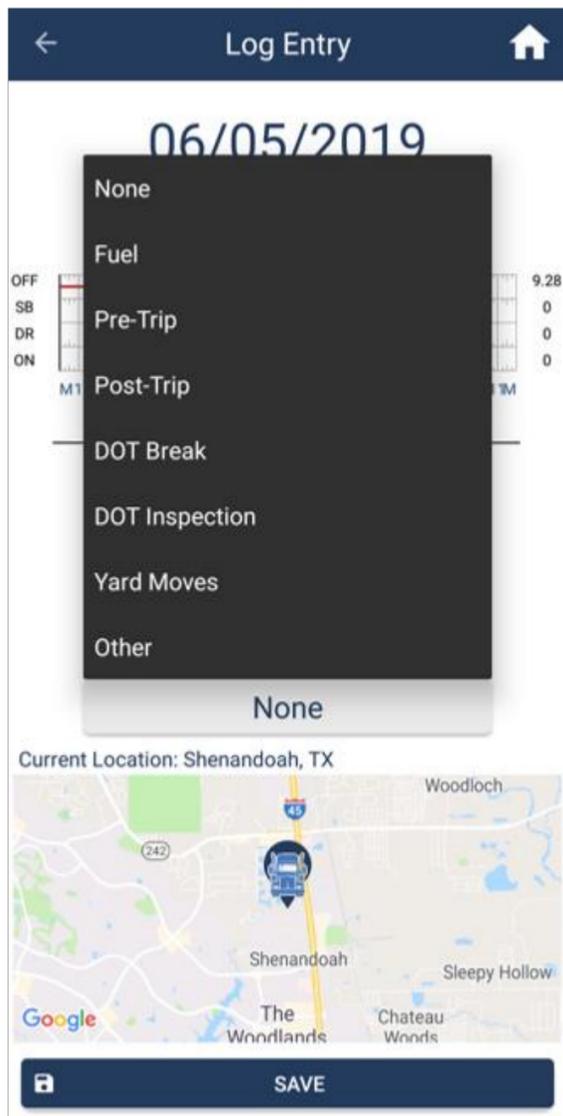
3 – If desired, add a **Note** to the **Activity.**
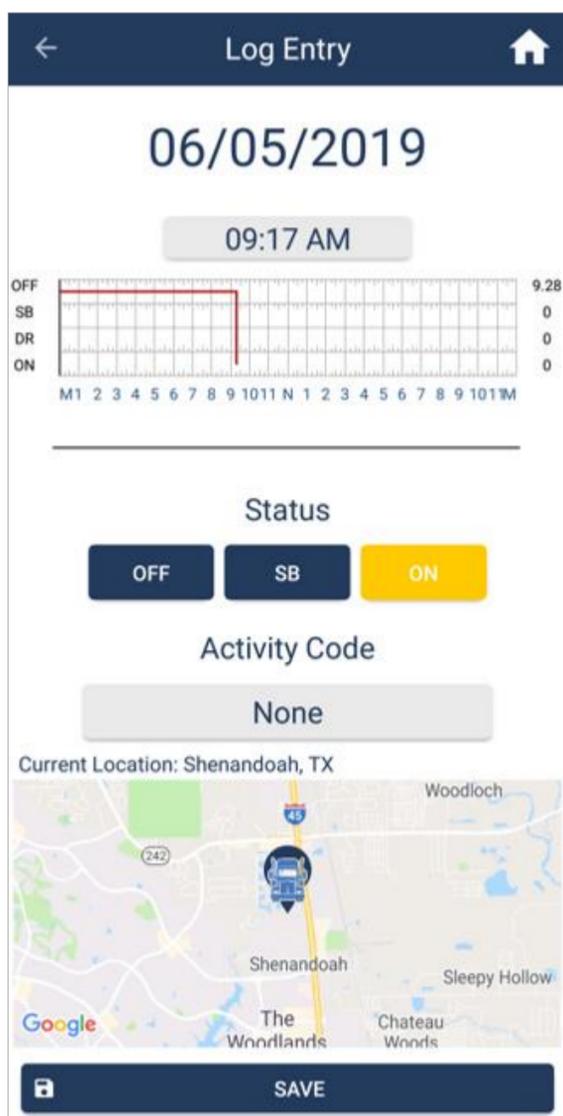
4 – When finished, press **SAVE**

Change Your Current Duty Status
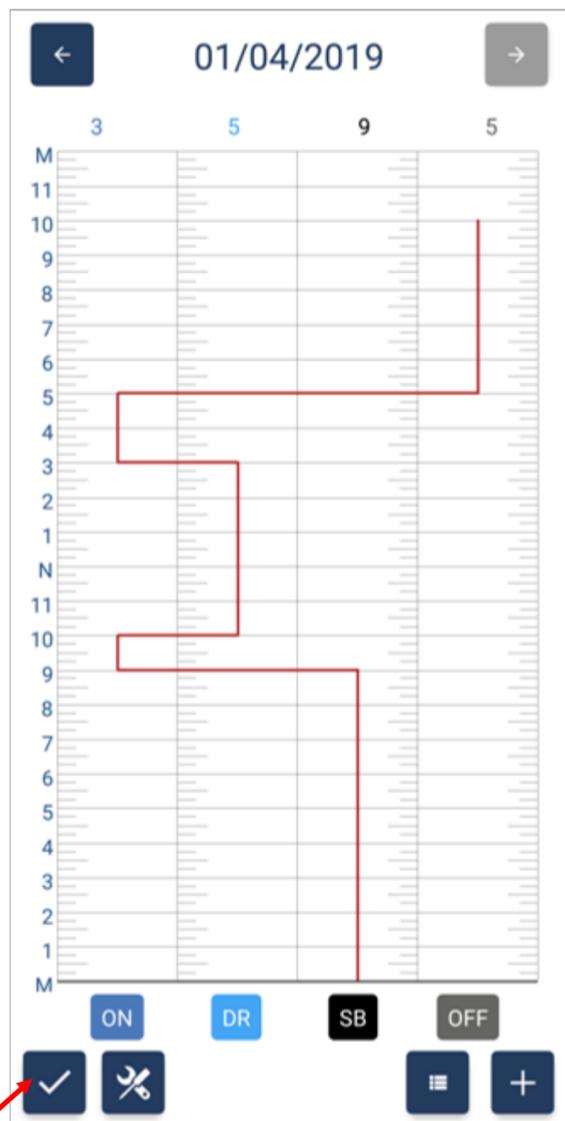
5 – When the log is finished for the day, press ☑ to **Finalize.**

6 – When **Finalized**, you will be prompted to provide your signature. Press ✓ to **Save.**
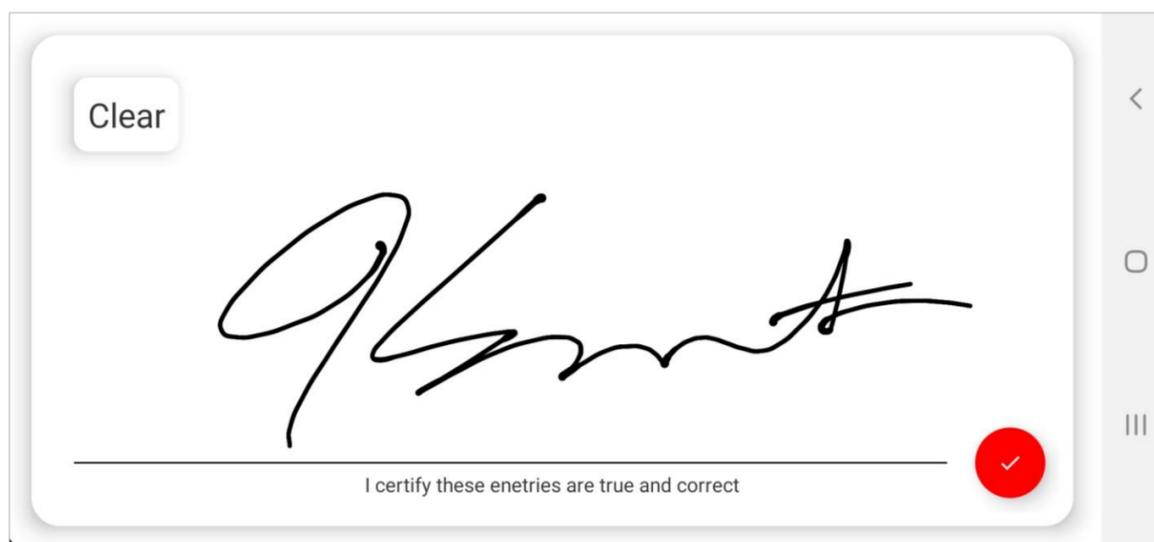
Editing Your Logs

If you forget to add a status change, you can edit your logs by inserting a **past duty status**. This can only be done on **non-finalized** logs.
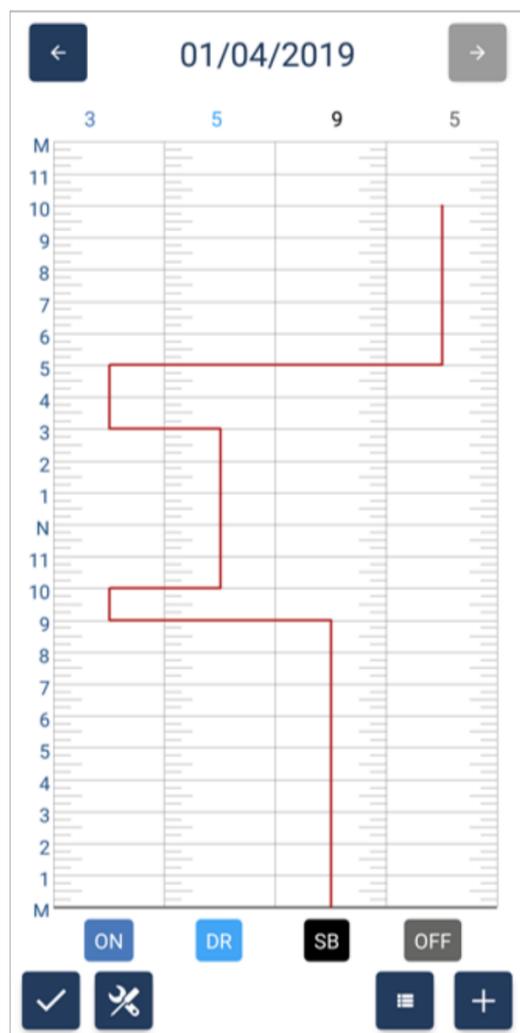
1 – Press [icon] to toggle to view the log list.
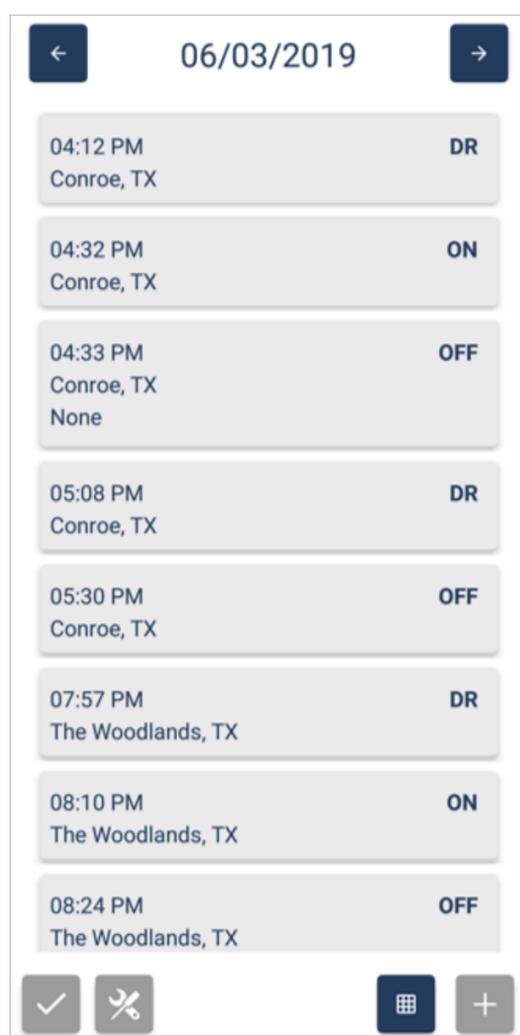
2 – Select the time to edit.

Editing Your Logs
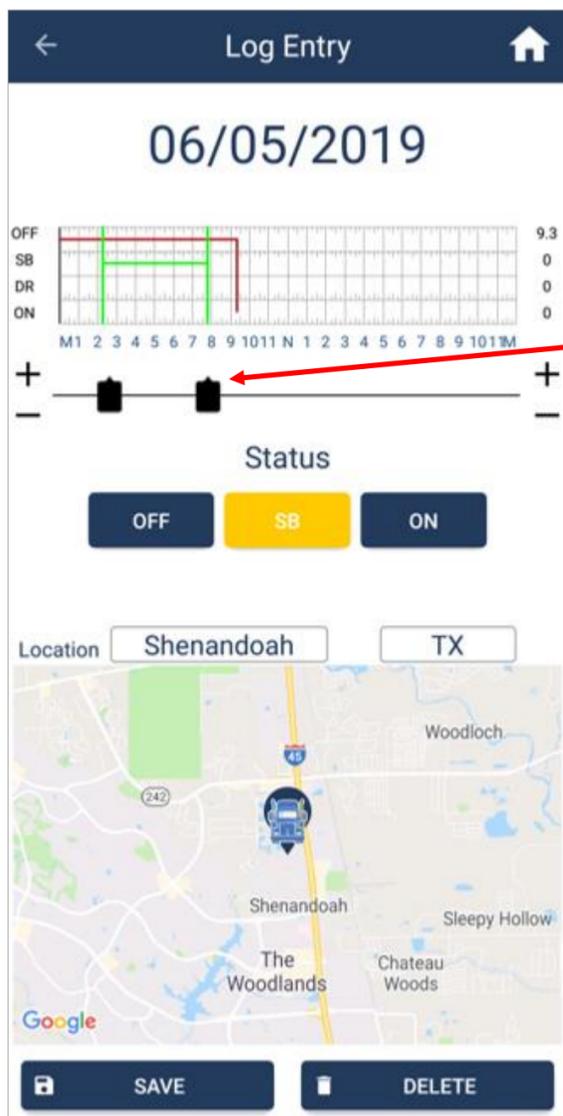
1 – Use the ▪◼ ▪◼ buttons or the + – keys to select the time frame to update.
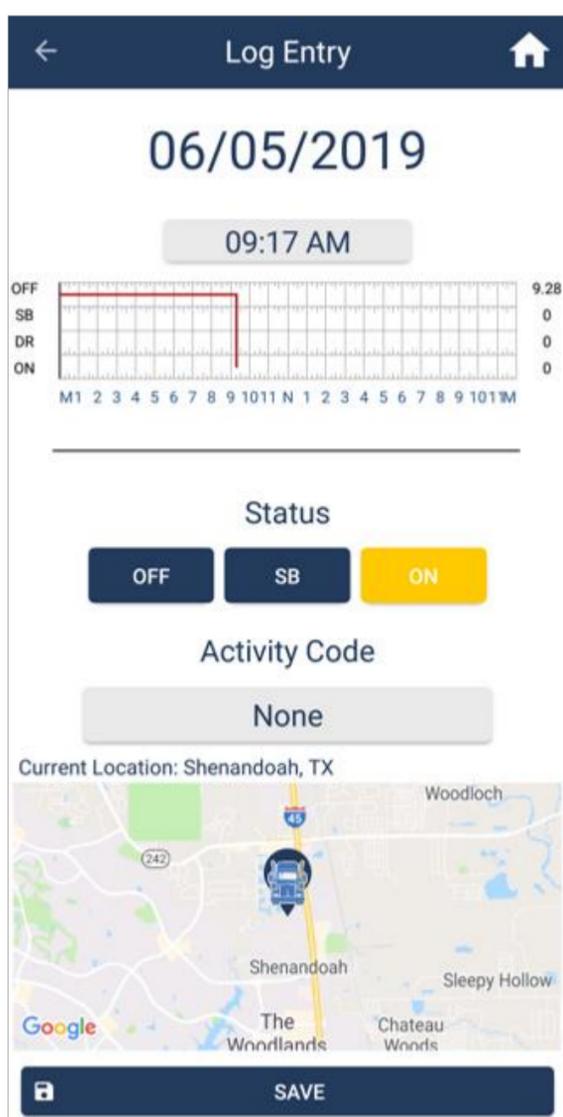
2 – Select the new **Status** and add an **Activity Code** if necessary.

3 - 🖫 SAVE when complete.

Using TruckerELD

Vehicle Inspection Report (DVIR)

With the **TruckerELD** App, create Vehicle Inspection Reports directly from your phone.

1 - Click the ⚒ button to begin.
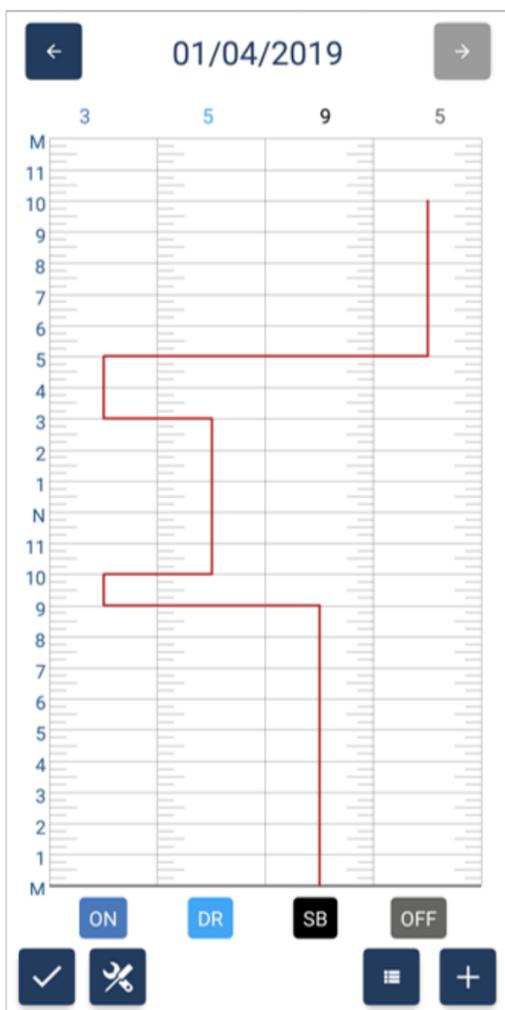
2 - Select if the inspections is Pre-Trip or Post-Trip.
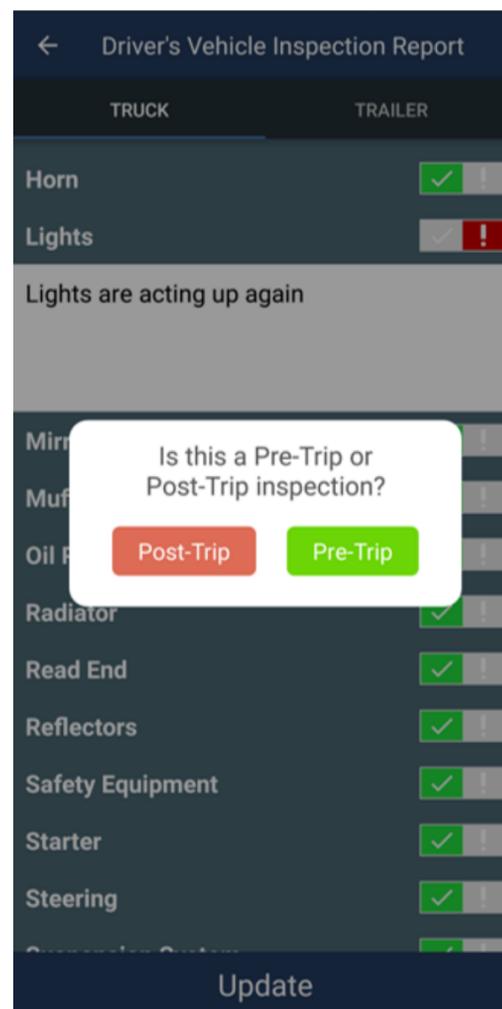
3 - Complete the Inspection per the checklist.
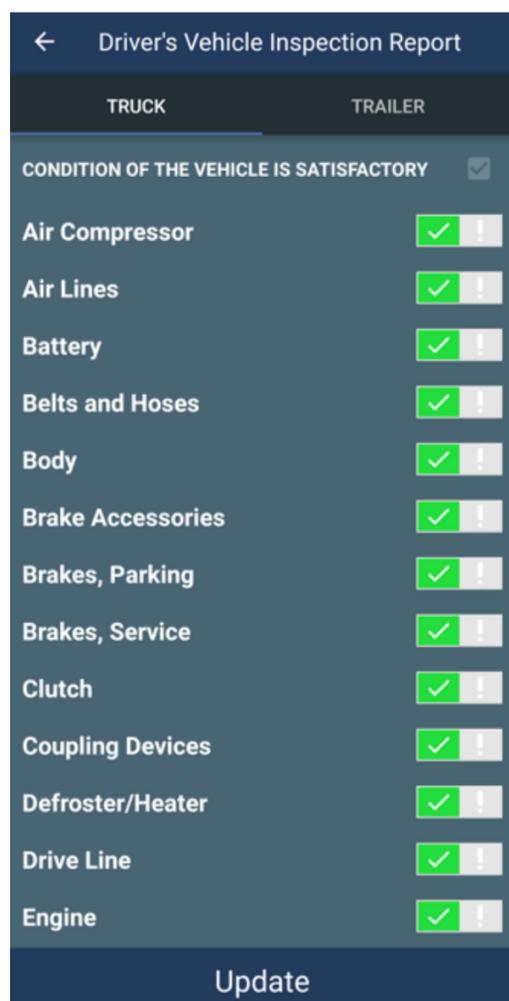
* If defects are found, press ❗ and add notes.
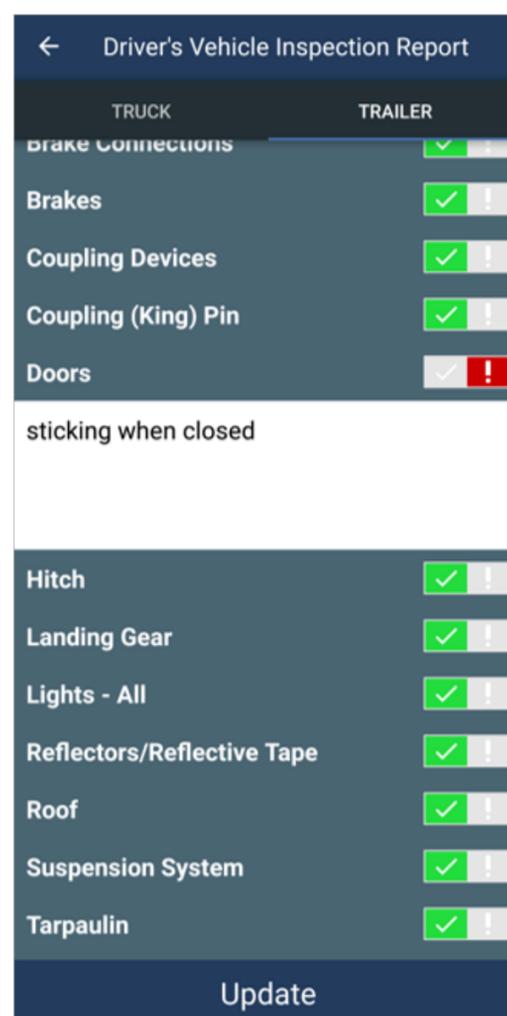
Vehicle Inspection Report (DVIR)

4 – If applicable, press the **Trailer** tab to inspect the trailer.
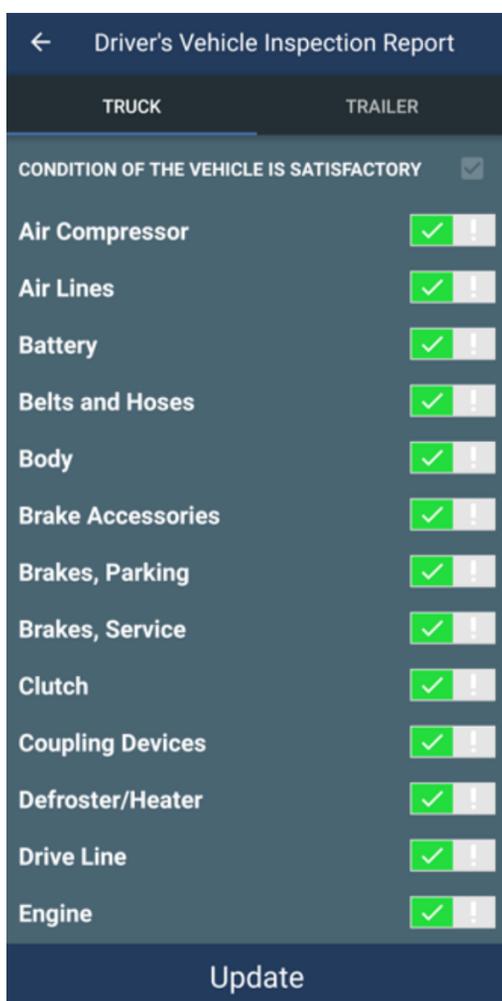
5 – Then enter the Trailer ID.

6 – When finished click **Update**

Vehicle Inspection Report (DVIR)

| 17, 19, 20, 21 & 23 |

Diagram labels: 5, 6, 4, 22, 3, 2, 1, 8 (if applicable), 7, 16 & 17 (under carriage), 15 & 17 (under carriage), 18, 14, 9, 11, 12, 13, 10

Inspect the following:

STEP 1 Left Front Side of Tractor:
- Front wheel, rim, hub, and tire.

STEP 2 Left Saddle Tank Area:
- Fuel tank area.
- Exhaust system.

STEP 3 Trailer Front:
- Check air and electrical lines.

STEP 4 Left Rear Tractor Area:
- Wheels, rims, hubs, and tires.
- Lower fifth wheel.
- Upper fifth wheel.
- Sliding fifth wheel.
- Check all required lamps.

Caution: Never place yourself in between tires of tandem axels.

STEP 5 Left Side of Trailer:
- Frame and body.
- Condition of hoses.
- Van and open-top trailer bodies.
- Cargo securement.

STEP 6 Left Rear Trailer Wheels:
- Wheels, rims, hubs, and tires.
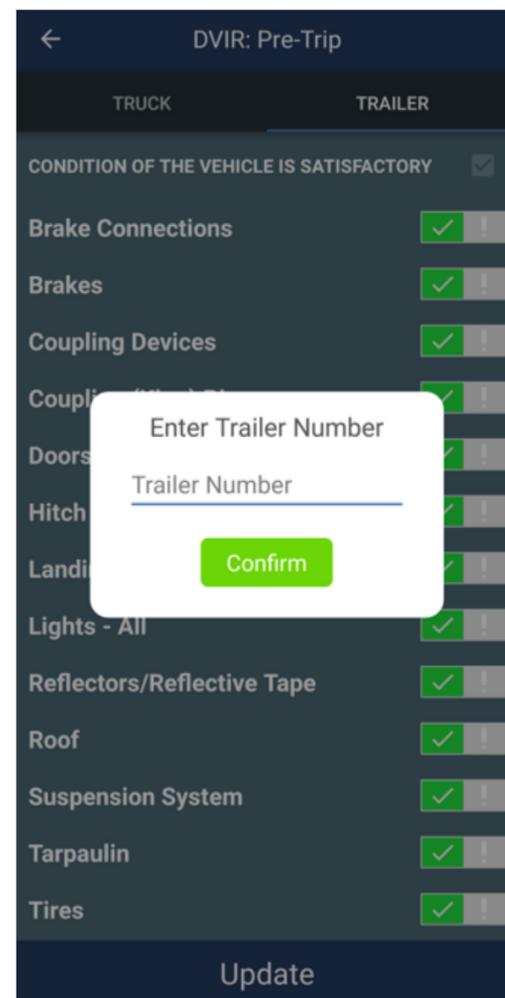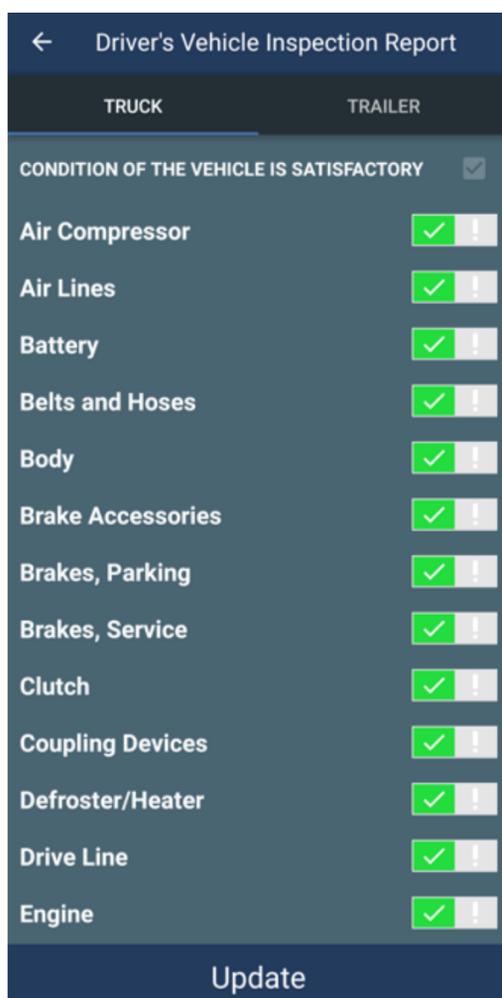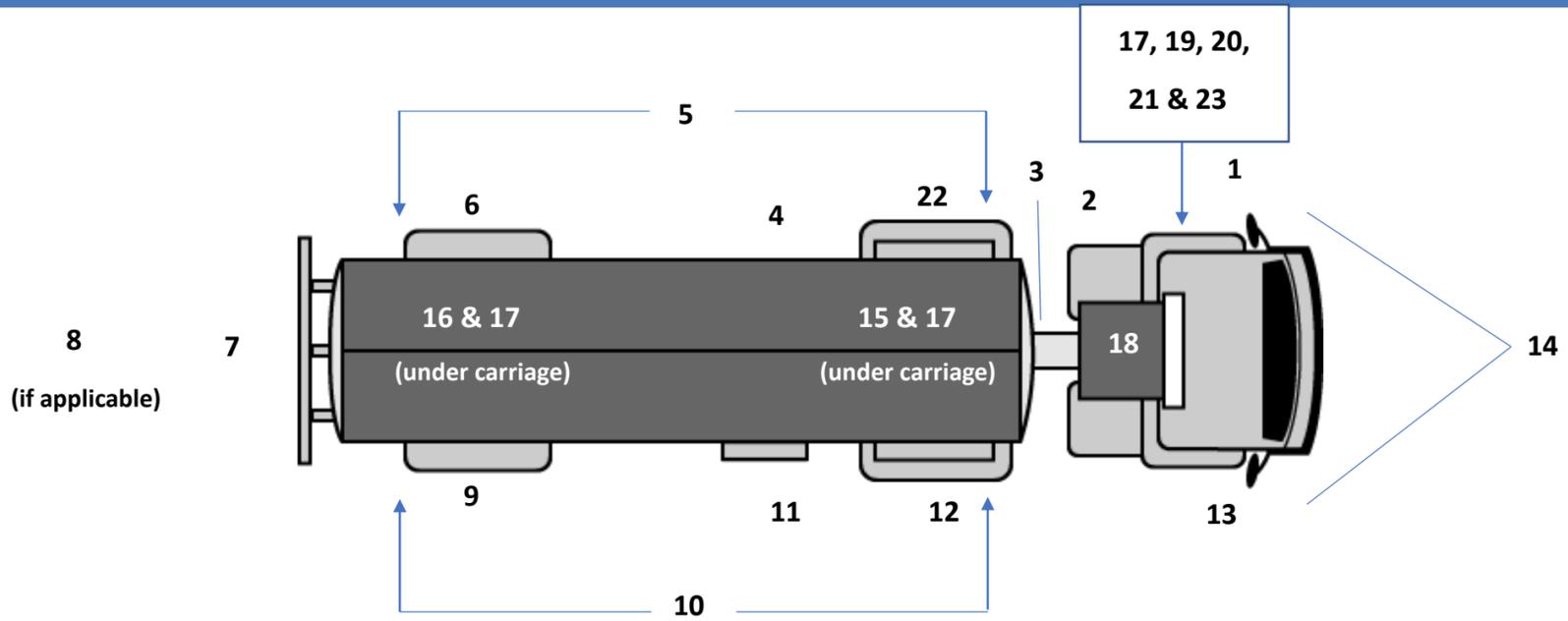- Sliding tandem.

STEP 7 Rear of Trailer:
- Tail, stop, turn signals, all other required lights and lamps/flags on projecting loads.
- External ABS malfunction lamp. Cargo securement.

STEP 8 Double, Tripe, and Full Trailers:
- Safety devices on full trailers/converter dollies.
- Chains/wire rope for quantity, missing parts, improper repairs, and devices incapable of secure attachments.
- Inspect pintle hook, eye and drawbar for cracks, excessive movement, and improper repairs.

STEP 9 Right Rear Trailer Wheels:
- Check as in step 6.

STEP 10 Right Side of Trailer:
- Check as in step 5.

STEP 11 Right Rear Tractor Area:
- Check as in step 4.

STEP 12 Right Saddle Tank Area:
- Check as in step 2.

STEP 13 Right Front Side of Tractor:
- Check as in step 1.

STEP 14 Steering Axle(s):
- Steering system (both sides).
- Front suspension (both sides).
- Front axle.
- Frame and frame assembly.
- Front brake components (both sides).
- Mark pushrods (both sides).

Note: Inform driver that you are going under the vehicle. Enter the under carriage in view of the driver.

STEP 15 Axles 2 and/or 3:
- Suspension (both sides).
- Frame and frame assembly.
- Brake components (both sides).
- Mark pushrods (both sides).
- Exit under carriage in view of driver.

STEP 16 Axles 4 and/or 5:
- Same as step 15.

STEP 17 Brake Adjustment:
- Ensure air pressure is 90-100 psi.
- Have driver fully apply brakes and hold.
- Measure and record all pushrod travel.
- Identify size and type of brake chambers.
- Ensure brake lining to drum contact.
- Listen for air leaks.

STEP 18 Tractor Protection System:
- Have driver release brakes and disconnect both brake lines.
- Full brake application.
- Listen for air leaks.

STEP 19 Brake System Warning Devices:
- Observe dash panel area to test ABS malfunction lamp(s) (if applicable).
- Observe dash gauges with ignition "on" and driver pumping the foot valve to approx. 55 psi for test of a low air pressure warning device.

STEP 20 Test Air Loss Rate:
- Apply brakes while the engine is idling, the governor has cut in, and pressure is 80-90 psi.

STEP 21 Steering Wheel Lash:
- Measure steering wheel lash while wheels are straight and the engine is running.

STEP 22 Fifth Wheel Movement:
- Prepare the driver and vehicle.
- Check for excessive movement.

Caution: If conducted improperly, this method of check for fifth-wheel movement can result in serious damage to the vehicle. Use caution and instruct the driver carefully.

STEP 23 Complete the Inspection:
- Complete documentation.
- Conclude with the driver.
- Follow correct and current OOS procedures (if applicable).
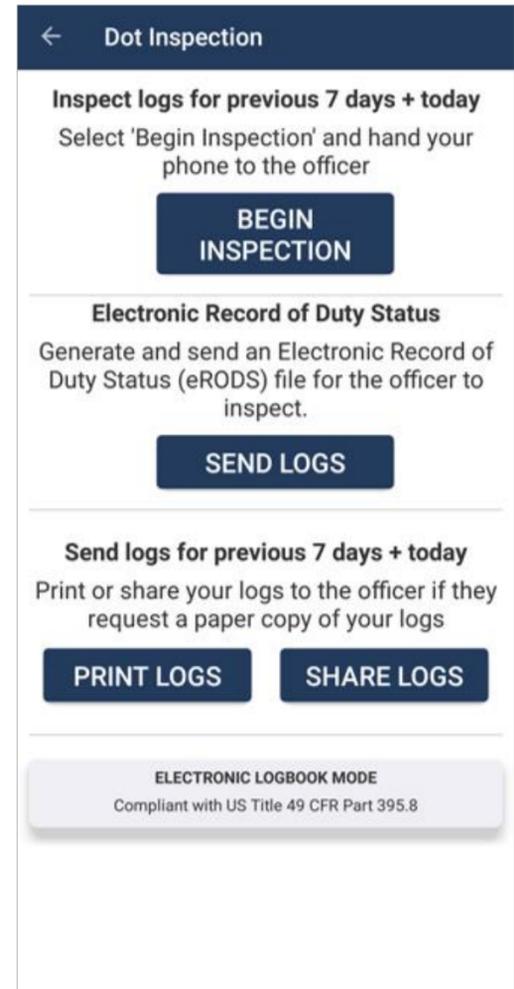- Issue CVSA decal(s) (if applicable).

Roadside Inspections - Driver

An officer/inspector can view the logs on your device through the **TruckerELD** App
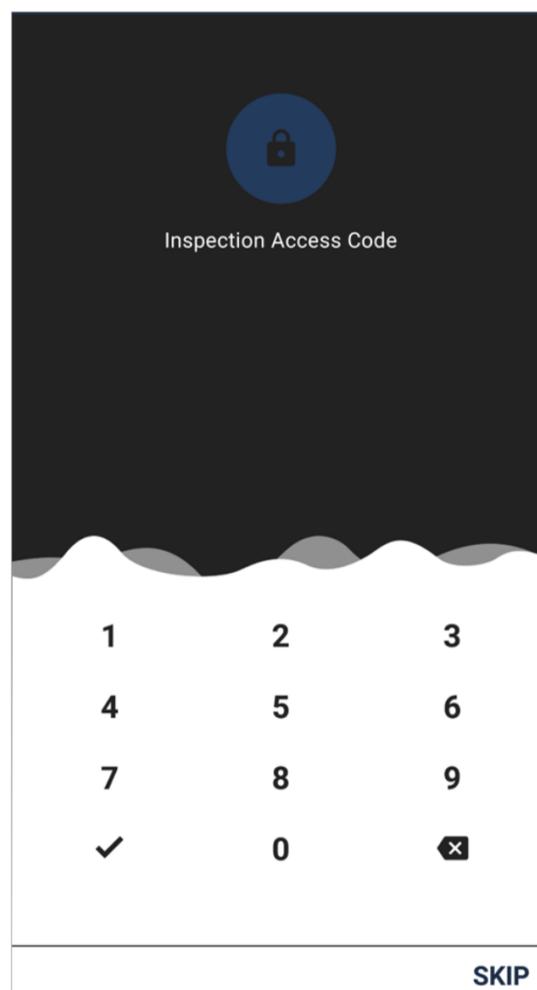
1 - Press the ▤ icon and select **DOT Inspection**
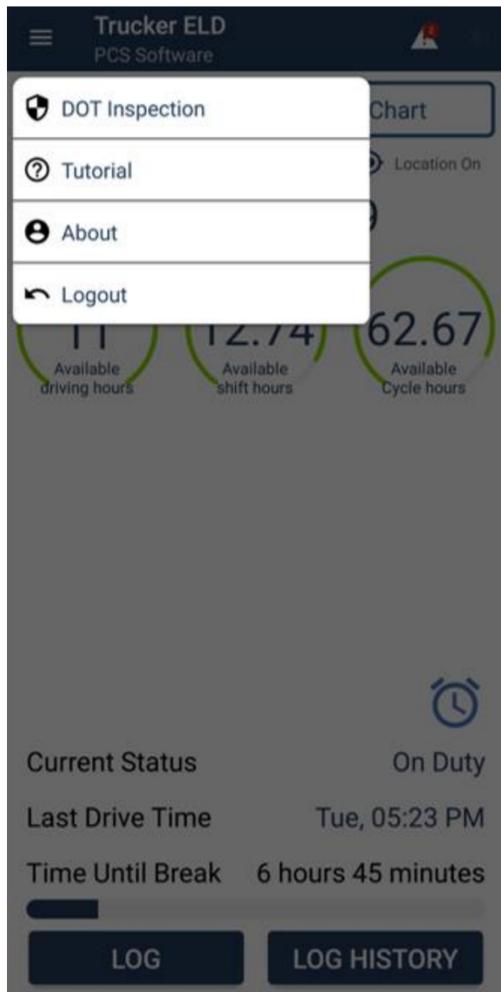
2 – Select **Begin Inspection**

3 – Enter an **Inspection Access Code** and hand the device to the officer

Roadside Inspections - Inspector

1 – Use the arrows ← → to scroll through daily logs.

2 – When finished, press EXIT

Roadside Inspections: Sharing Logs

If the inspector requests copies of your logs, return to the DOT Inspection screen to print or email the logs.

The inspector may also request an eRODS inspection file to be shared via web service.

Lost Bluetooth Connection

If your Bluetooth connection is lost, the API backup kicks in.   It is a requirement to have Bluetooth turned on at all times while using the app, otherwise you may not be in DOT compliance.
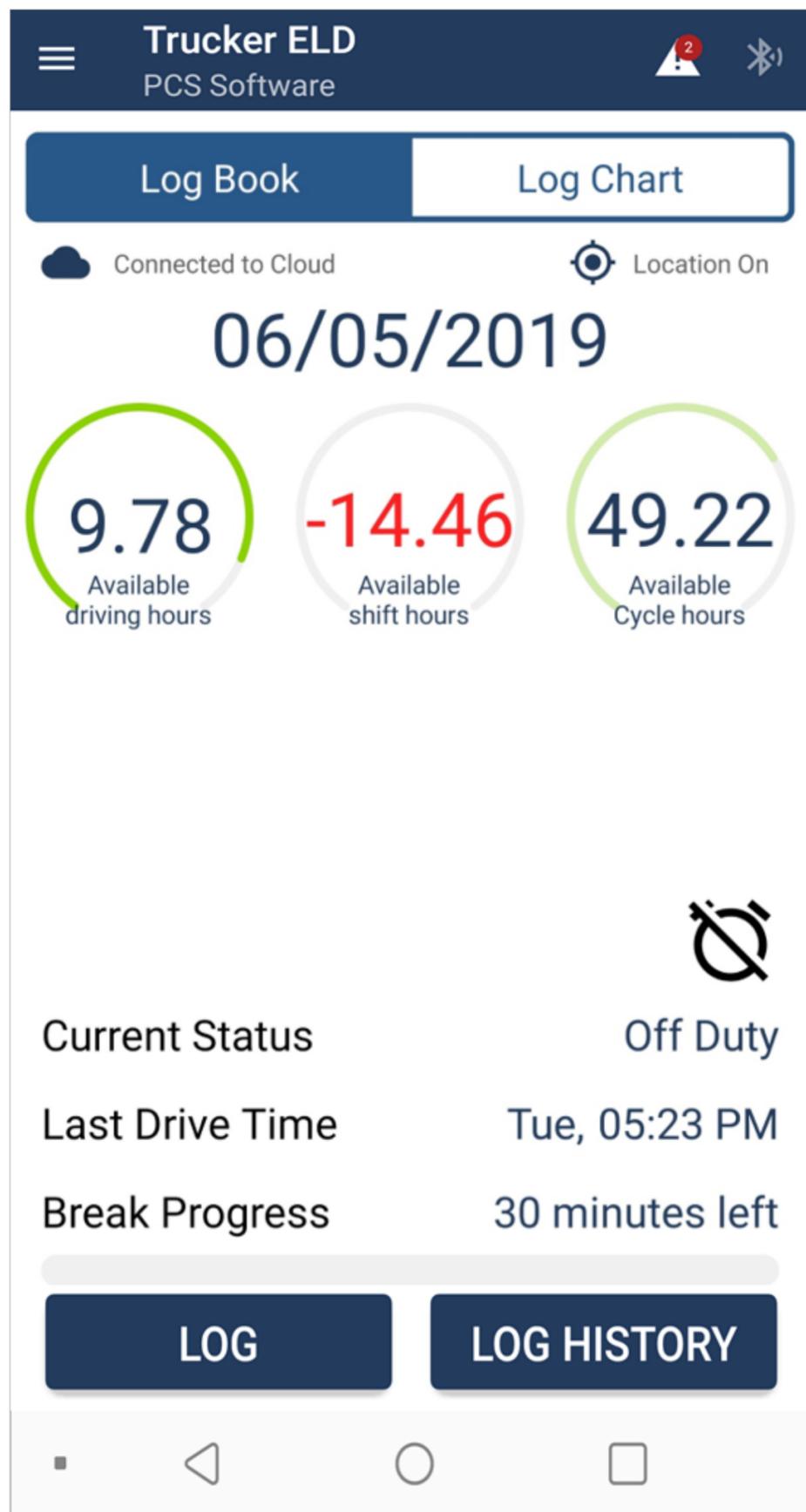
BT connected.

API backup connected.

No connection.

Log Violations

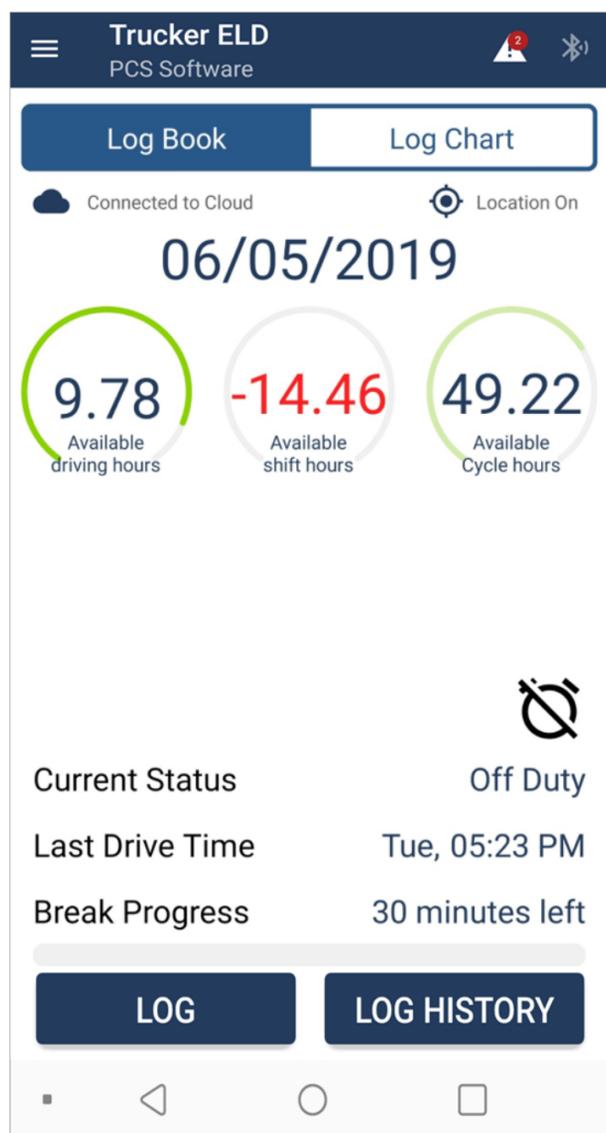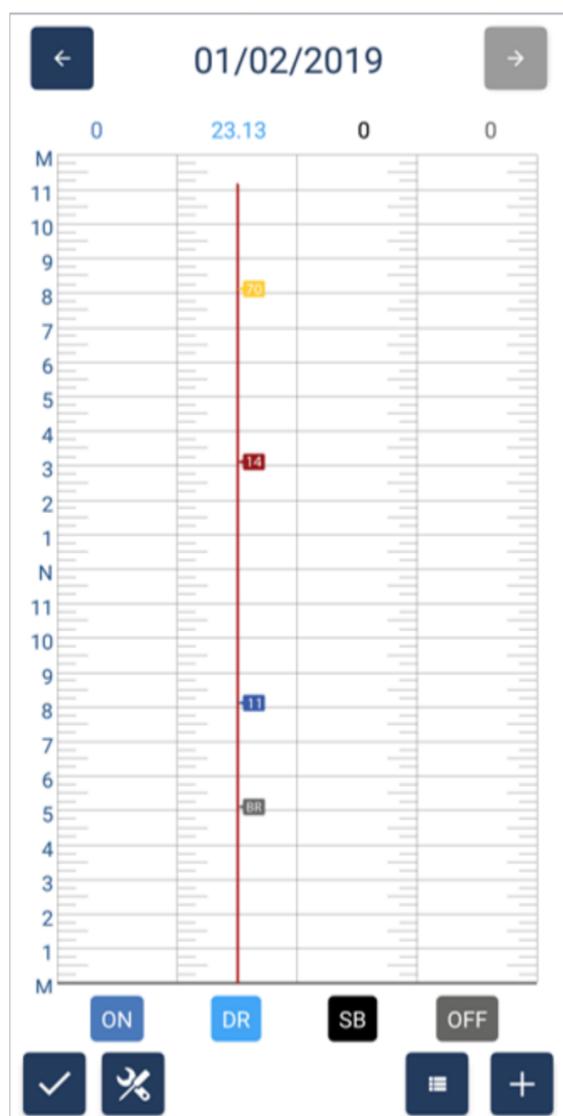
As available hours are used, your gauges will update to alert you as time ticks down. Negative hours display in red, at which point you are in violation.

Violations are color coded on your daily logs:

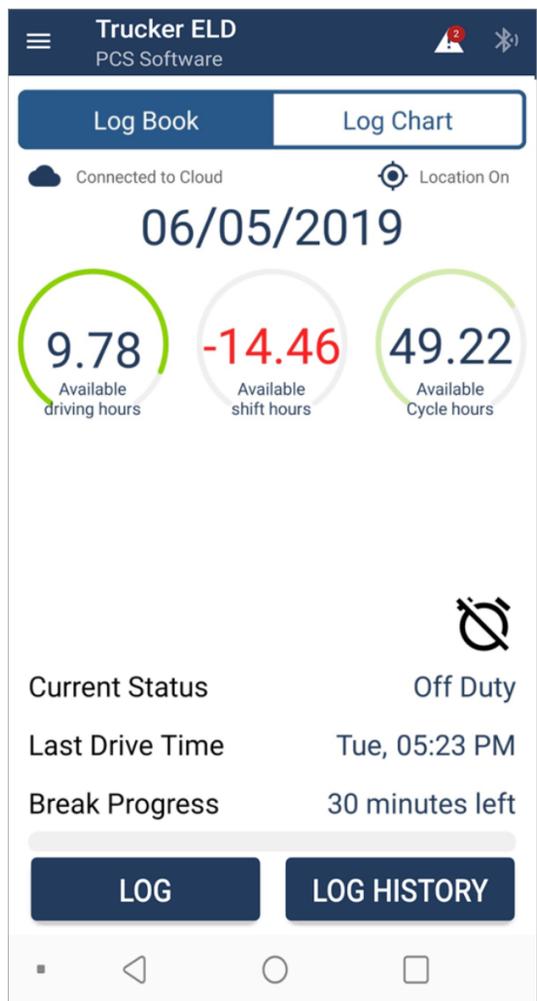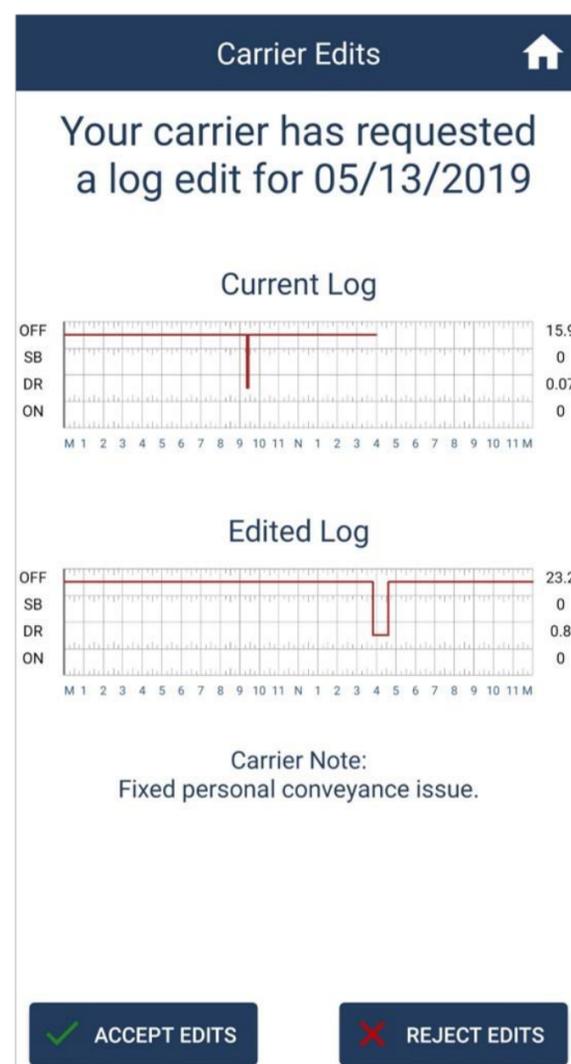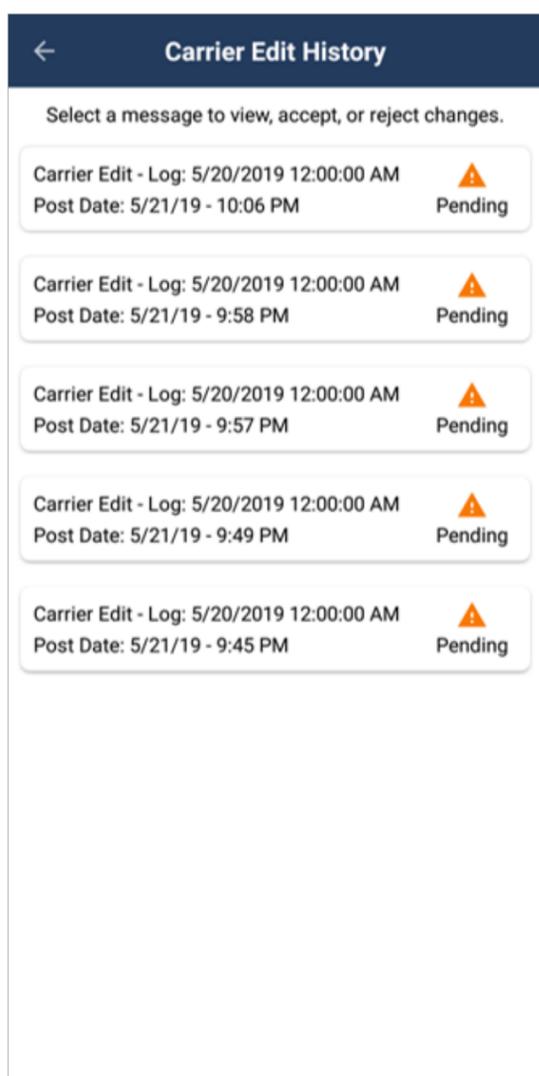| Badge	Description
BR	8 hour break violation
11	11 hour driving violation
14	14 hour shift violation
70	60/70 cycle violation

Accept / Reject Fleet Manager Changes

The icon at the top of screen indicates that your carrier has requested one or more log edits.

Select a **Pending** log to view requested changes.

 ACCEPT EDITS or **REJECT EDITS** as necessary.

Unassigned Drive Times

During any driving time that you are not logged in to the **TruckerELD** app (perhaps a misplaced phone), **TruckerELD** will continue to record and save your driving hours.

Once reconnected, your Unclaimed Log Entries will display for you to update and post.
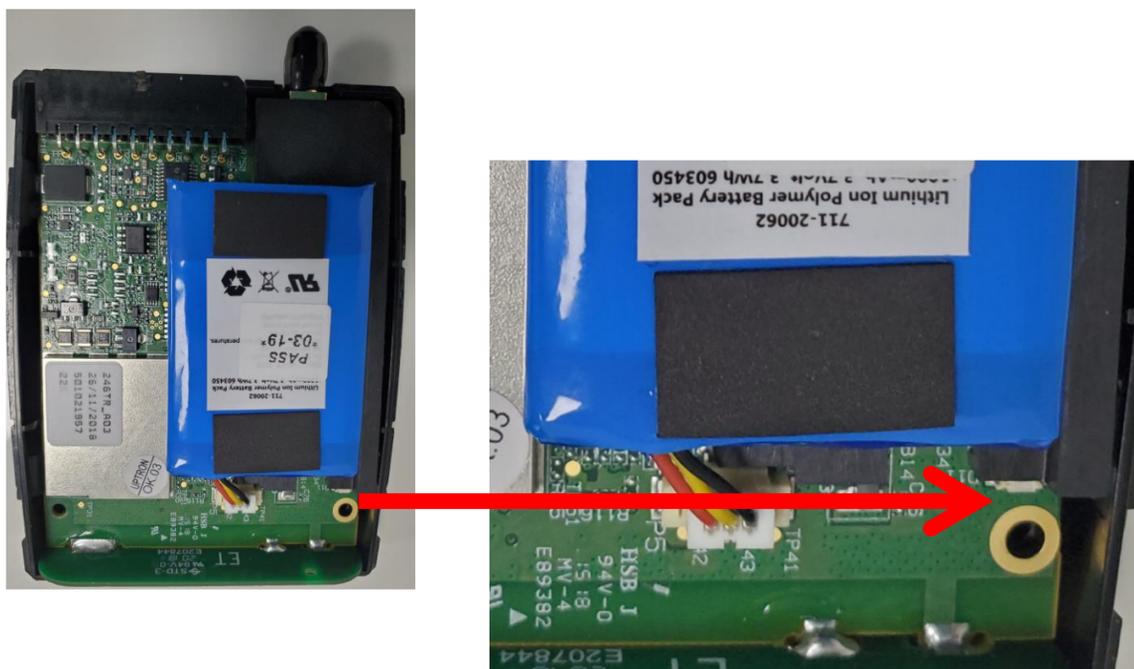
Malfunctions

§395.22 Motor carrier responsibilities – In general.

(h) *In-vehicle information.* A motor carrier must ensure that its drivers possess onboard a commercial motor vehicle an ELD information packet containing the following items:

(1) A user's manual for the driver describing how to operate the ELD;
(3) An instruction sheet for the driver describing ELD malfunction reporting requirements and recordkeeping procedures during ELD malfunctions.

How to determine if the *TruckerELD* device is not functioning:

1 - Locate the 2 screws located at the bottom of the device using a small Phillips screwdriver.

2 - Carefully remove the ELD cover.

3 - Locate the light in the bottom right corner. The light will be blinking if the device is functioning.

Malfunctions

The following instructions are in accordance of §395.34, ELD malfunctions and data diagnostic events, guidelines.

In the event of an ELD malfunction, the driver is responsible for the following:

1 – Driver should notify their Dispatcher / Safety Supervisor / motor carrier within 24 hours.

2 – Record paper logs of duty status for the current 24 hour period and any previous days that the ELD was not recording duty status. This may be determined per logs not present within the *TruckerELD* app.

3 – Continue to keep paper logs until the ELD is repaired or replaced, not to exceed 7 days. Any days after the 7 day period, you may be considered out of compliance.