



TruckerELD

TruckerELD User Manual

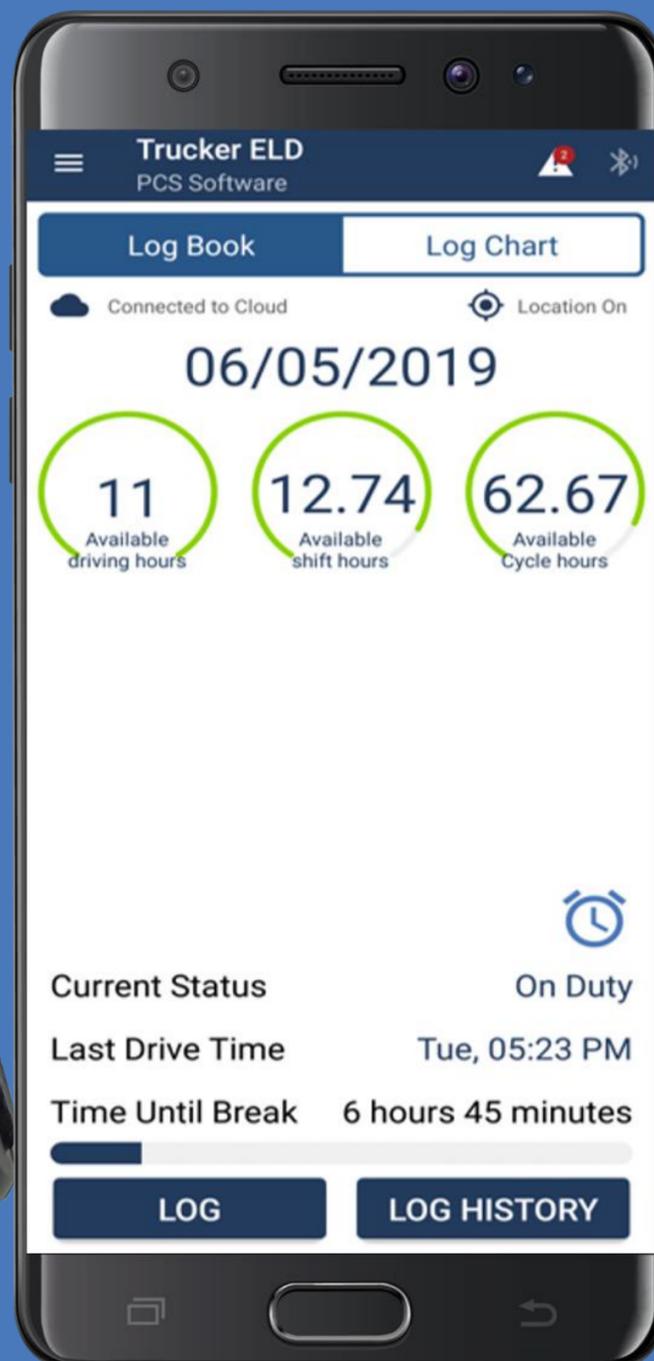




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Equipment



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

The screenshot shows the Google Play Store page for the TruckerELD app. At the top, there is a back arrow, a search icon, and a menu icon. The app's icon, a blue truck, is on the left, followed by the title "TruckerELD" and the developer "PCS Development". A "Business" category tag is below the developer name. A large green "INSTALL" button is on the right. Below this, the app has a 3.1 star rating from 68 reviews, over 10K downloads, and is available for "Everyone".

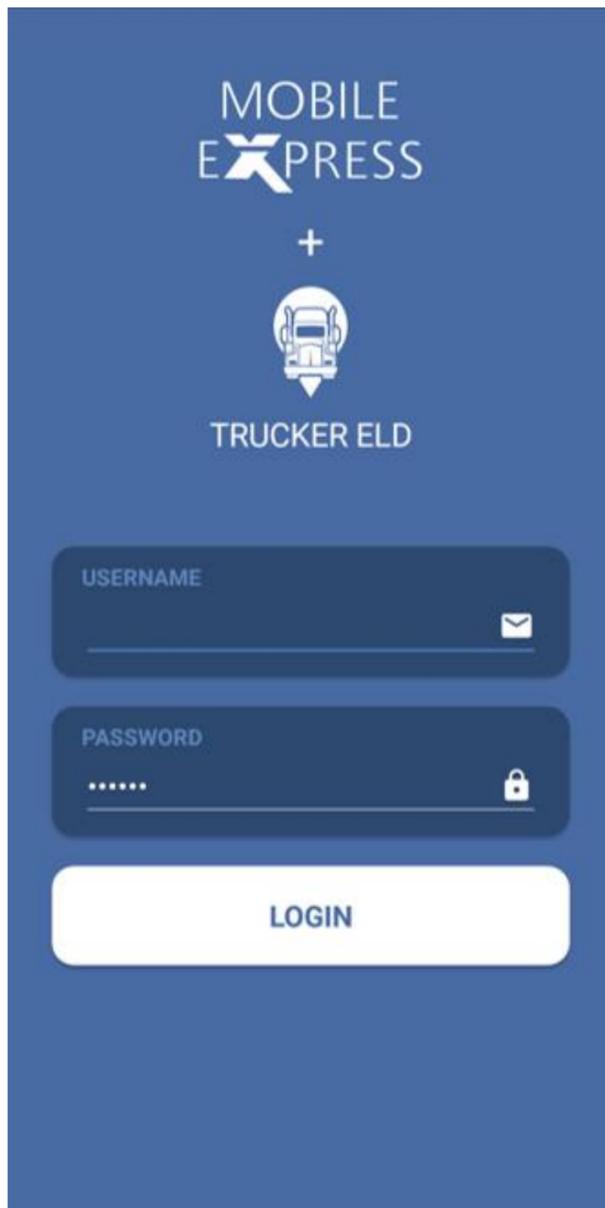
Below the app details are three preview images. The first shows the "Mobile Express" dashboard with a log book and log chart for 01/01/2019, displaying metrics like 11, 14, and 70. The second shows a log chart for 01/04/2019 with a red line graph. The third shows a "Driver's Vehicle Inspection Report" with a checklist of items like Air Compressor, Air Lines, Battery, Brakes, etc., all marked with green checkmarks.

Below the preview images is the text: "Facilitate Automated, two-way connection between dispatch personnel and drivers." followed by a green "READ MORE" link.

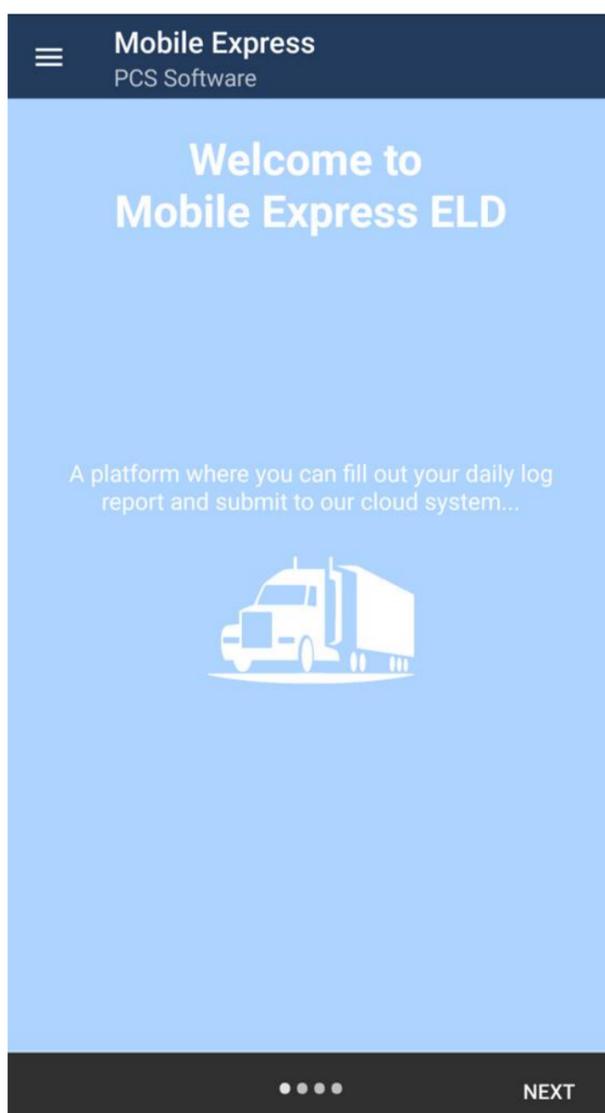
At the bottom, there is a "Rate this app" section with the text "Tell others what you think" and five empty star icons.



Login to the TruckerELD App



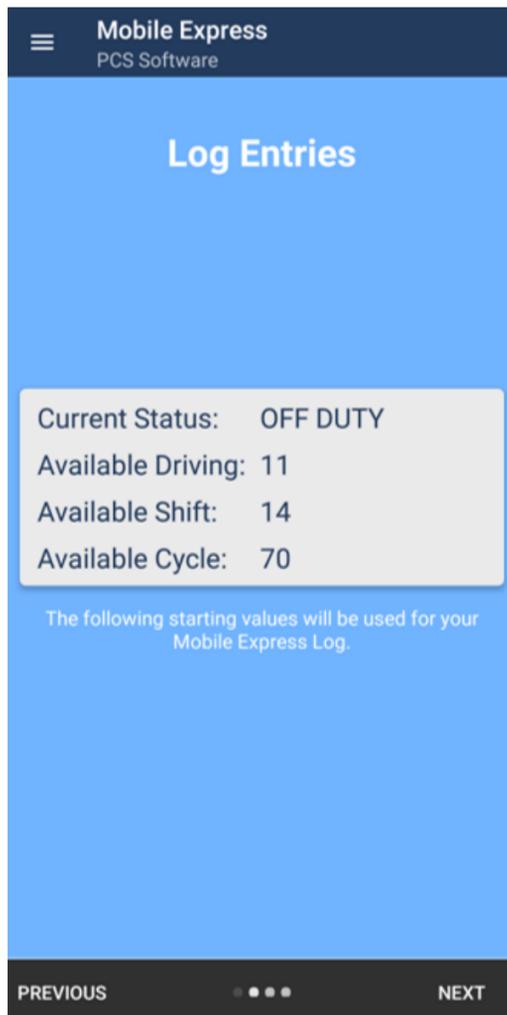
Launch the **TruckerELD** App and login using the email address and password in your registration email.



The first time you login, you'll be walked through connecting your phone to the **TruckerELD** device.



1 – Starting Status



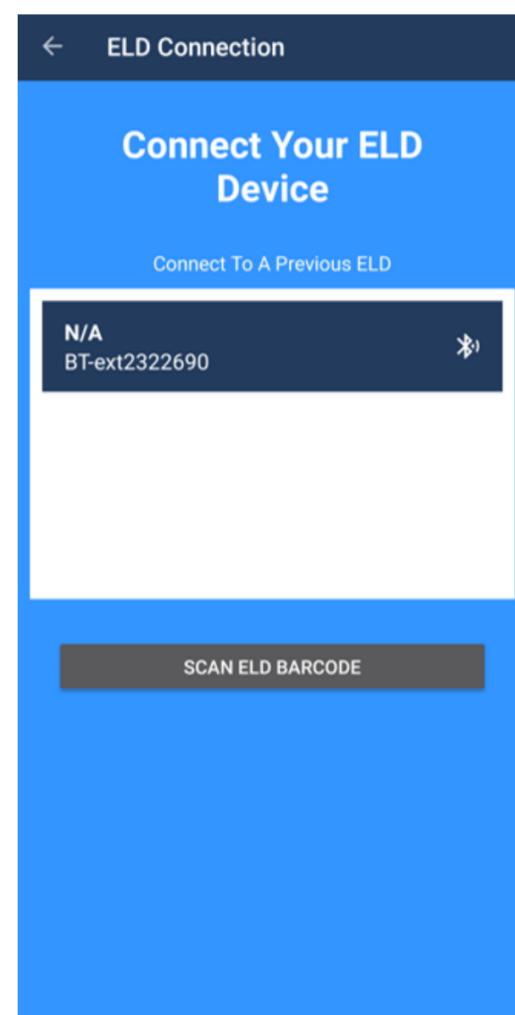
2 – Connect the ELD to your phone



3 – Scan the barcode on your ELD device

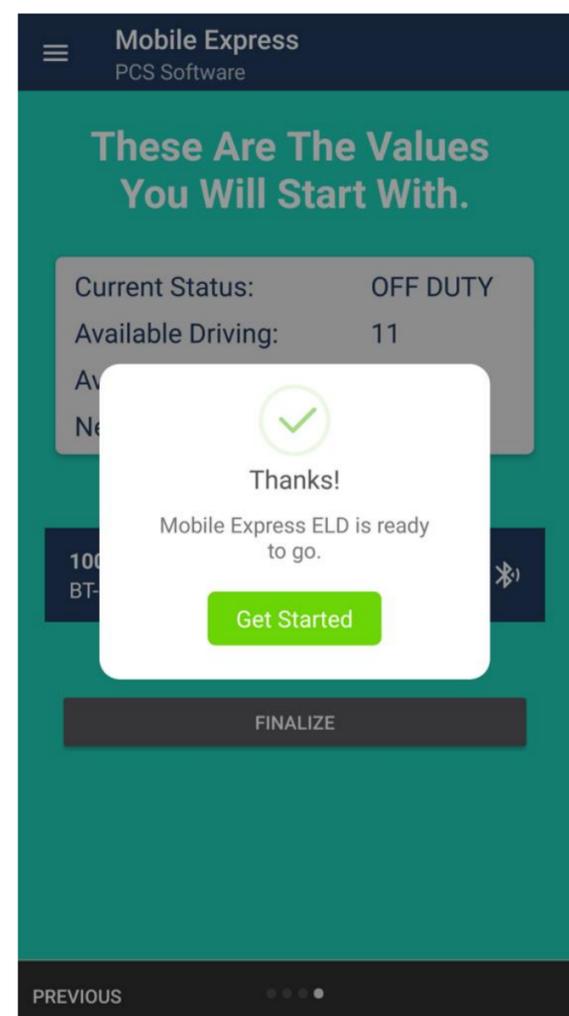
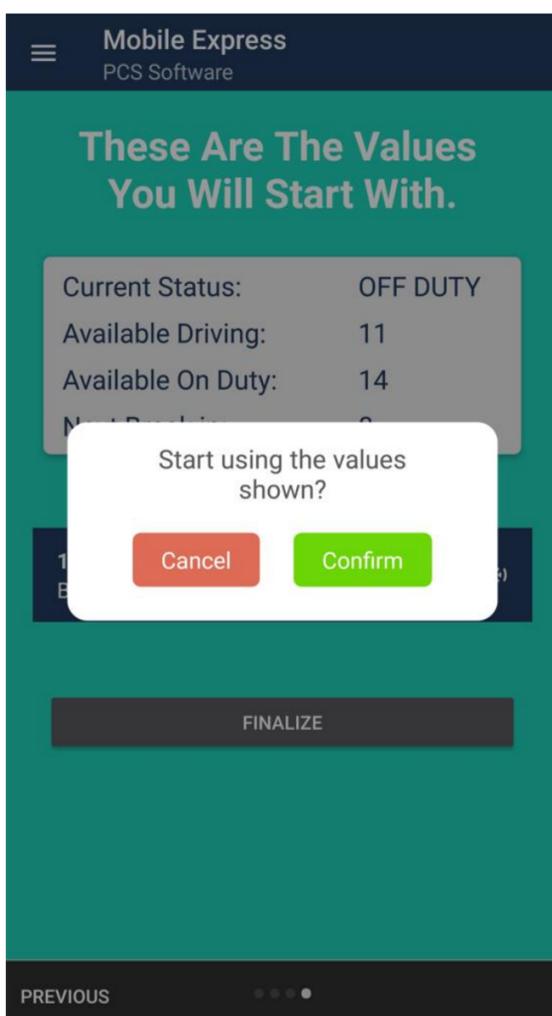


4 – ELD device information displays





4 – Finalize setup.





Log Book Screen Components

Bluetooth Connection (points to the Bluetooth icon in the top right corner)

Available Hours (points to the three circular gauges)

Log Graph (points to the LOG and LOG HISTORY buttons)

Log Chart (points to the Log Chart tab)

Log History (points to the Log History screen)

Legend (points to the legend box)

Current Status (points to the On Duty status)

Available Hours Data:

- Available driving hours: 11
- Available shift hours: 12.74
- Available Cycle hours: 62.67

Log Chart Data:

Date	Hours
05/30	16.75
05/31	4.23
06/01	0
06/02	0
06/03	1.17
06/04	4.9
06/05	1.27

Log History Data:

Date	ON	DR
Today 01/04/2019	0	0
Thursday 01/03/2019	13	4
Wednesday 01/02/2019	9	7
Tuesday 01/01/2019	2	5

Legend Data:

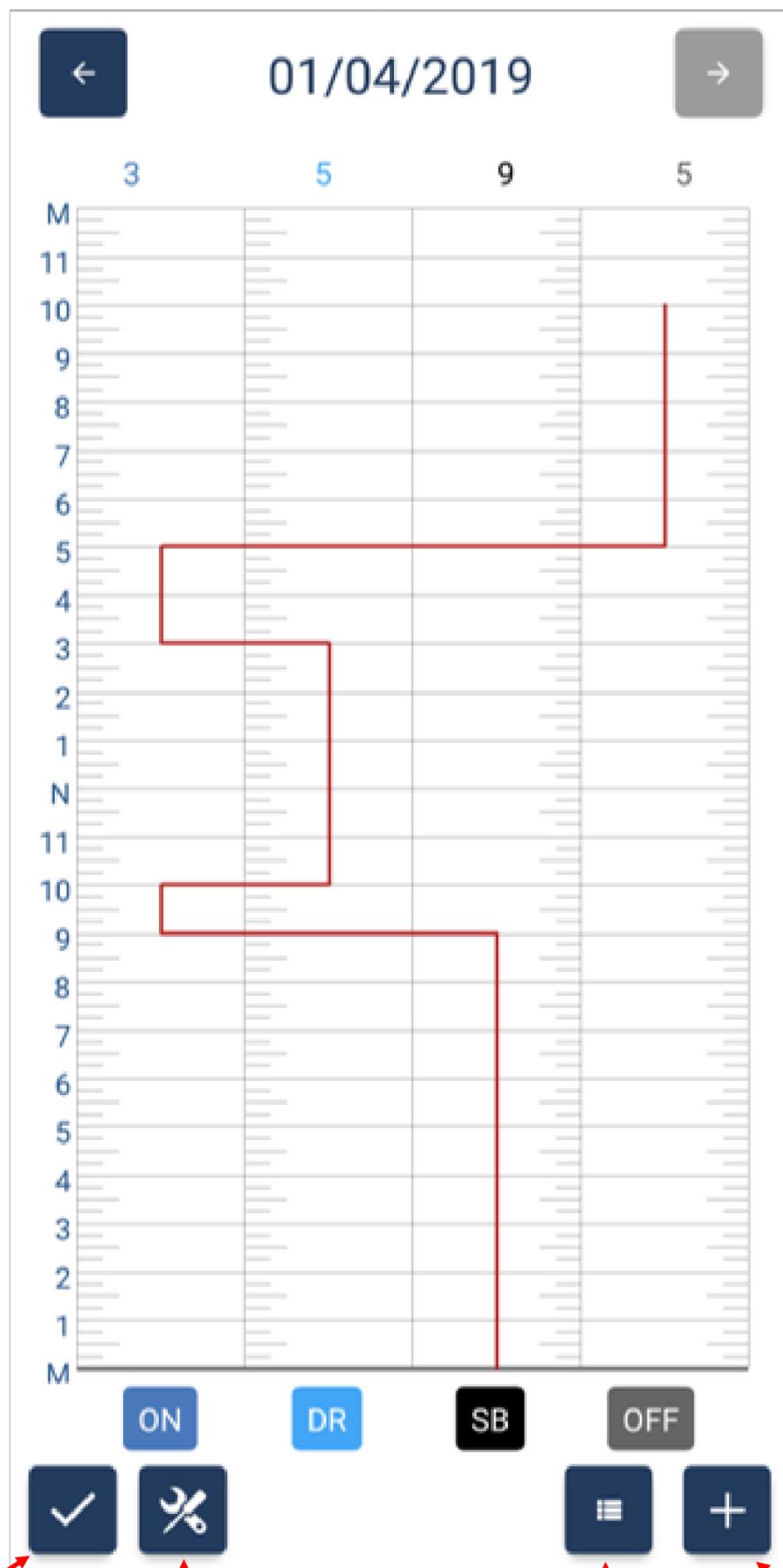
Status	Hours	Percentage
OFF	126.25	82%
SB	0	0%
DR	5.7	4%
ON	22.62	15%

Legend:

- Driving (Truck icon)
- On Duty (Clock icon)
- Off Duty (No entry icon)
- Sleeper Berth (Truck icon with person)
- Yard Move (Truck icon)



Log Graph Screen Components



Finalize Log

DVIR

Toggle List/Graph

Log Entry / Add New Turn



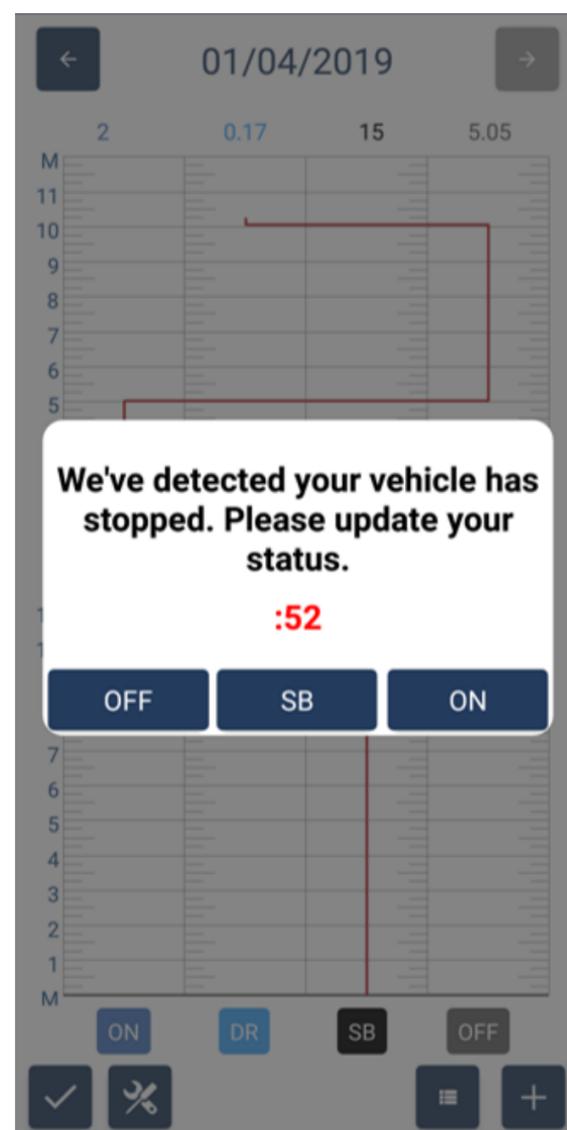
Recording Hours of Service

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

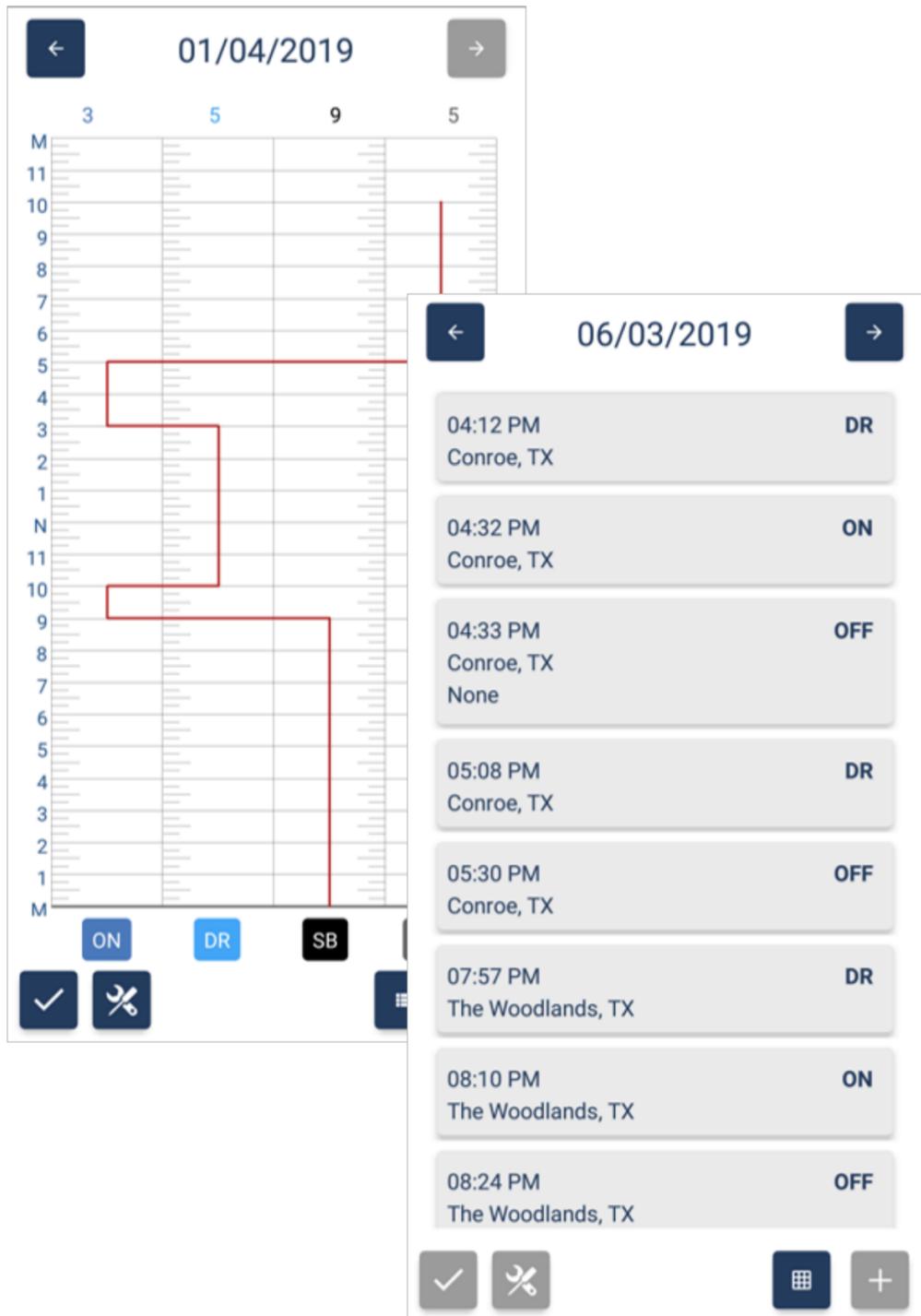


Press **LOG** to access your current daily log for changing or editing non-driving duty status.

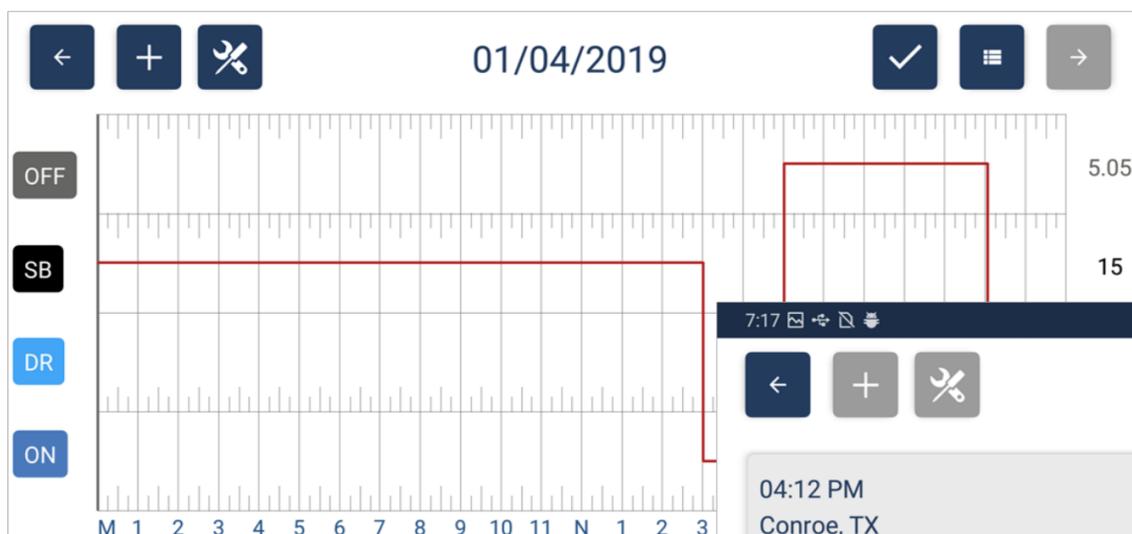
Press **LOG HISTORY** to view your last 14 days of logs.



Using Daily Logs



You can change the view of your daily logs from portrait to landscape for easier use.

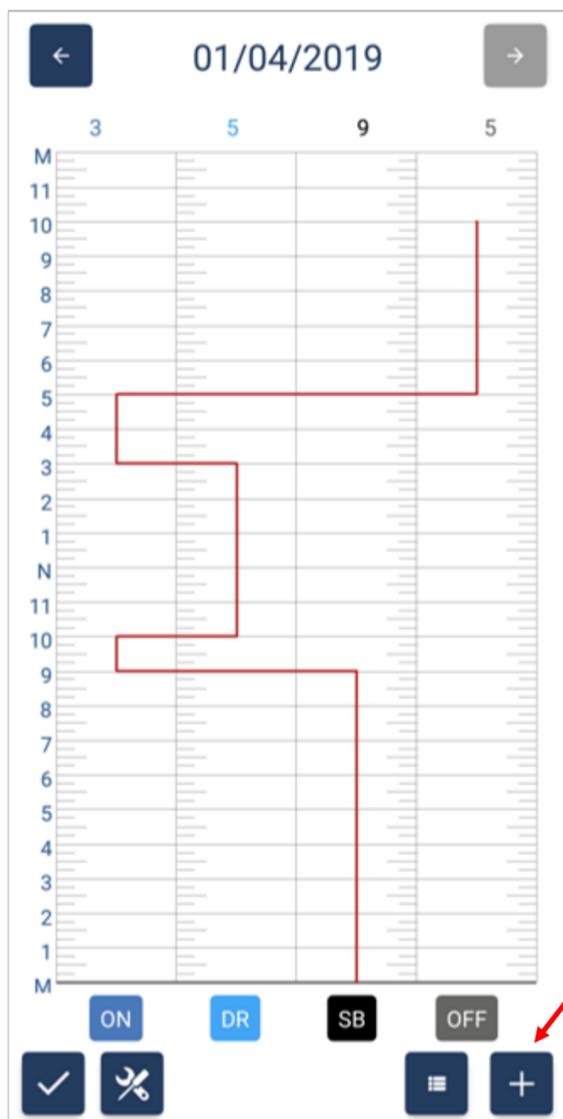


Simply turn your phone and the screen will adjust automatically.





Change Your Current Duty Status



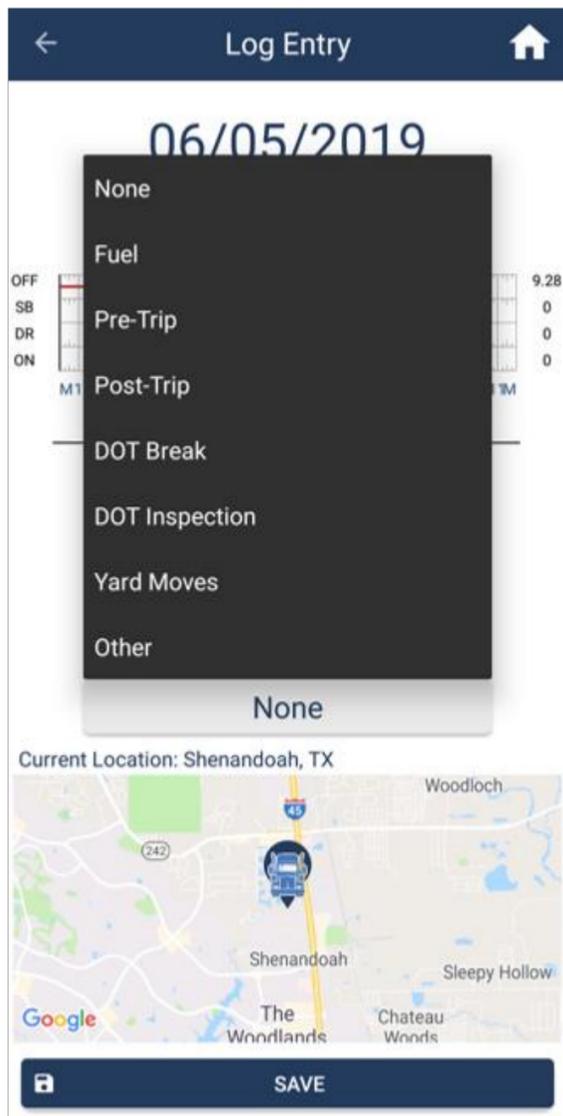
1 – Press **+** to add a new turn / change status.

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

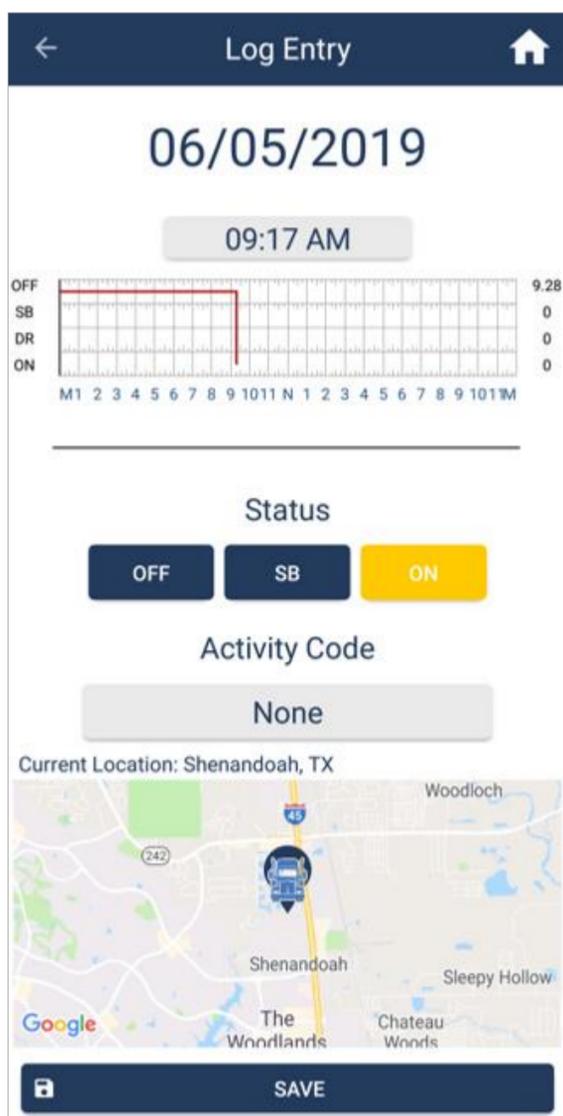
2 – Tap the appropriate **Status** and select an **Activity** if necessary.



Change Your Current Duty Status



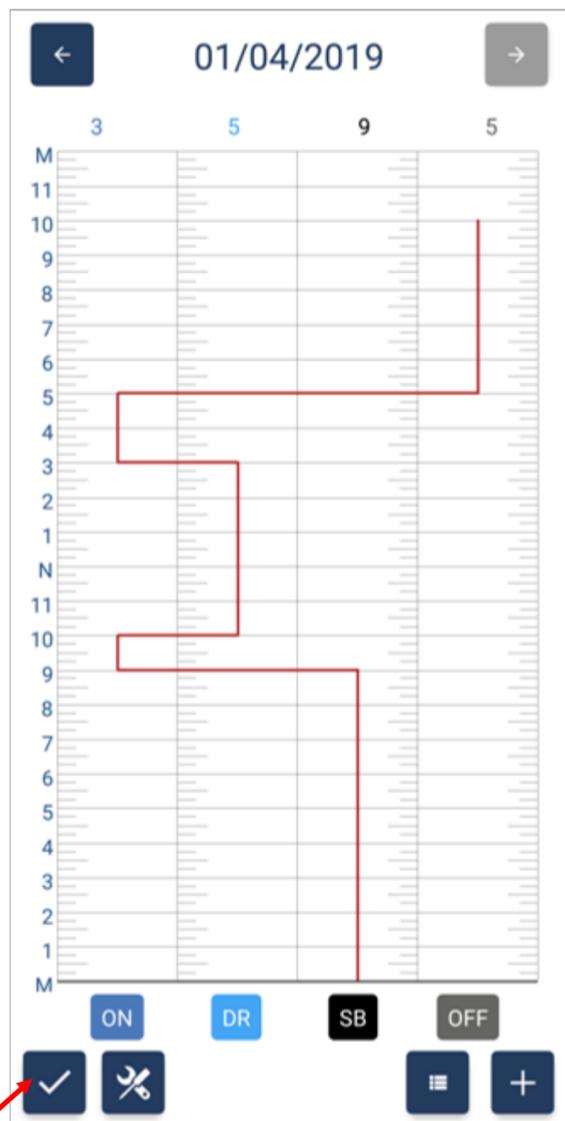
3 – If desired, add a **Note** to the **Activity**.



4 – When finished, press  SAVE



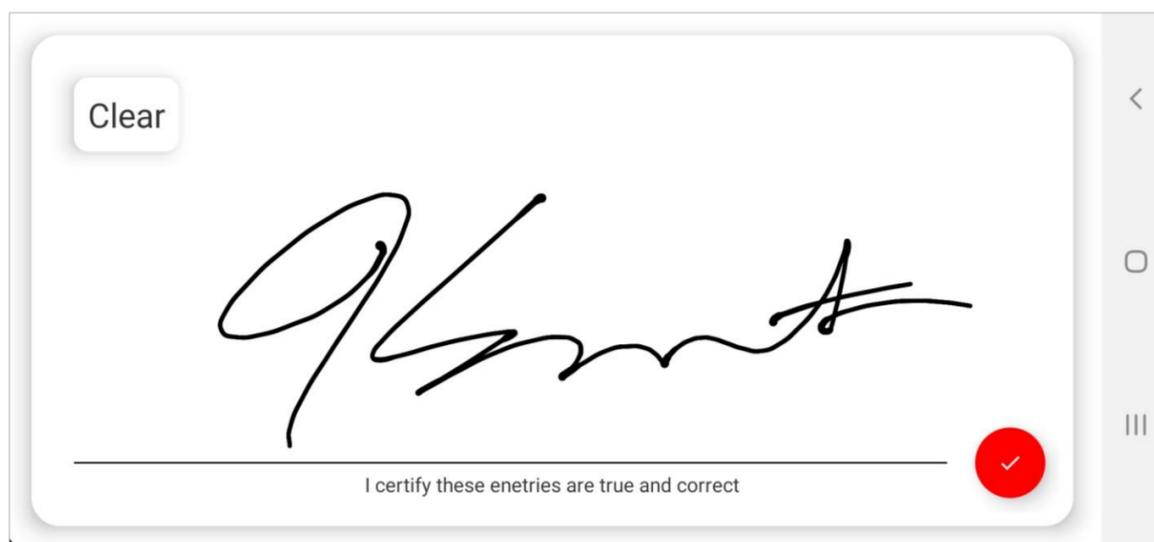
Change Your Current Duty Status



5 – When the log is finished for the day, press to **Finalize**.



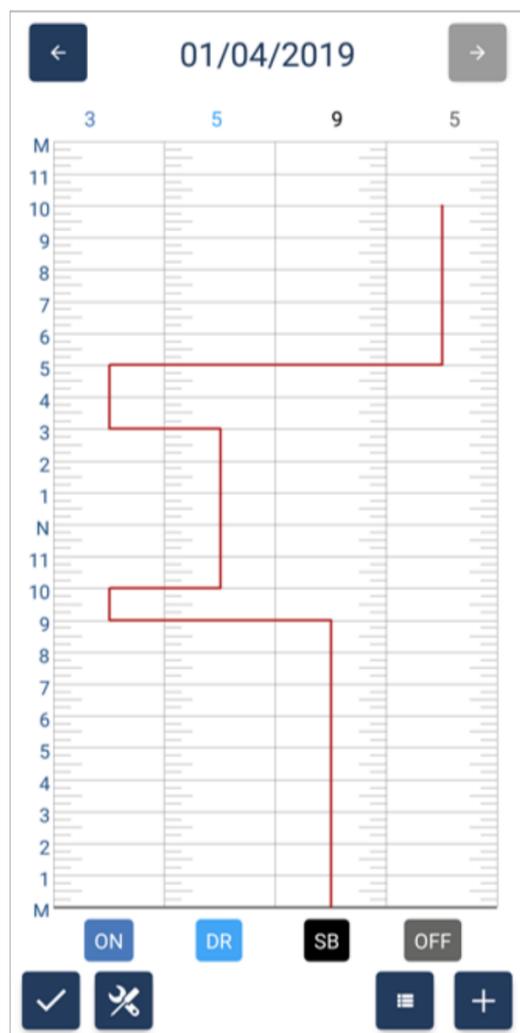
6 – When **Finalized**, you will be prompted to provide your signature. Press to **Save**.



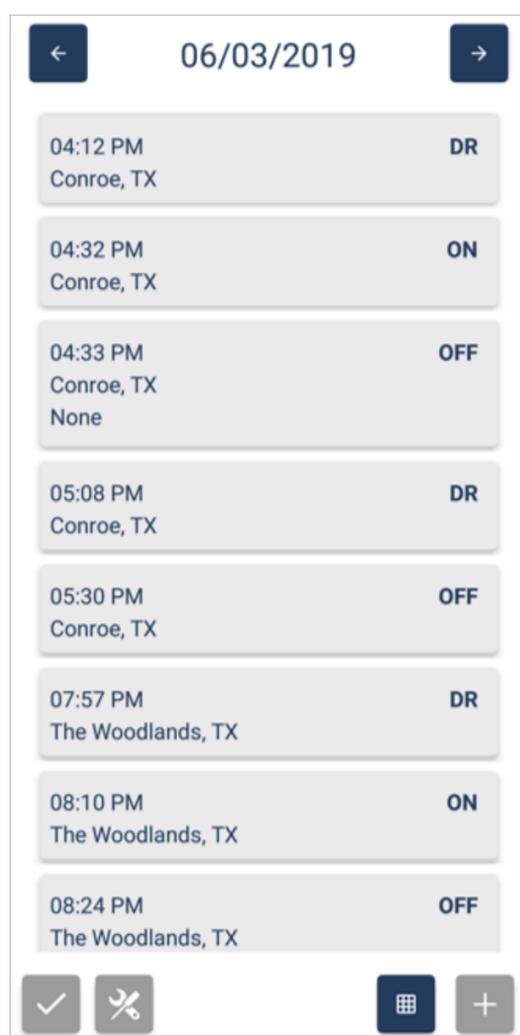


Editing Your Logs

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.



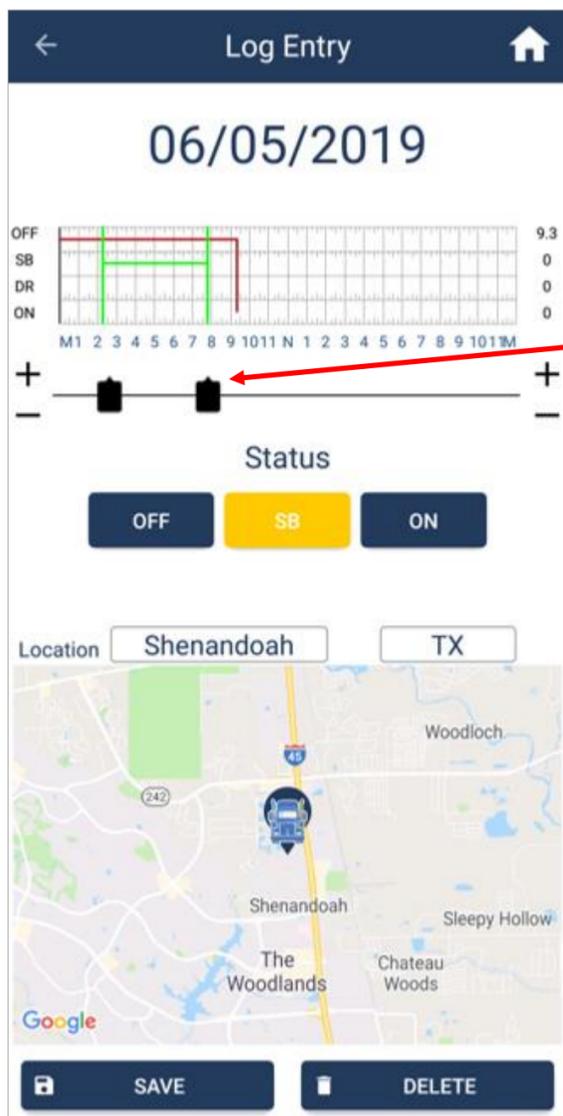
1 – Press  to toggle to view the log list.



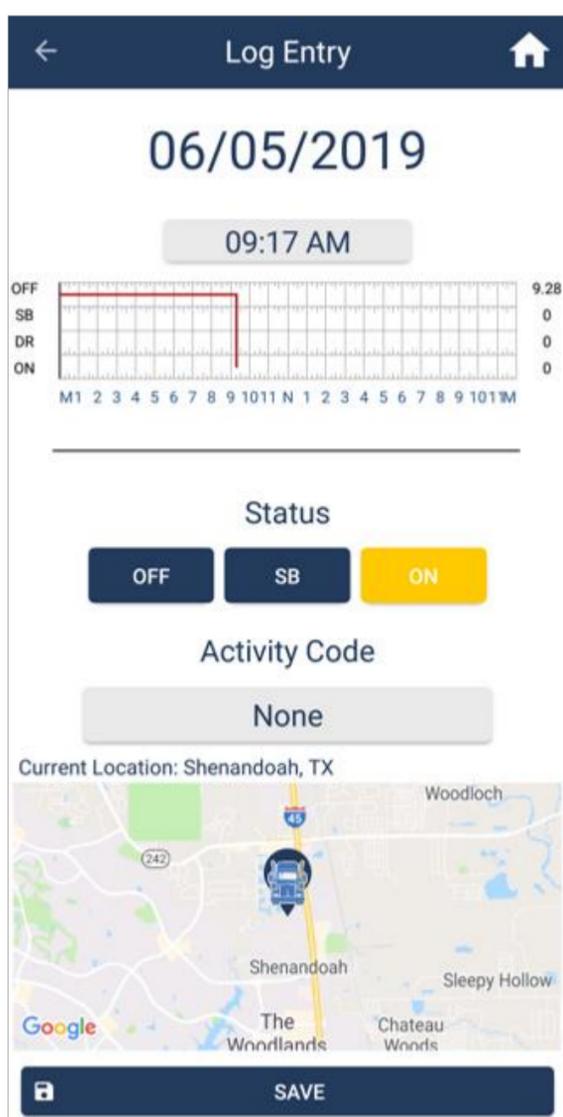
2 – Select the time to edit.



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.

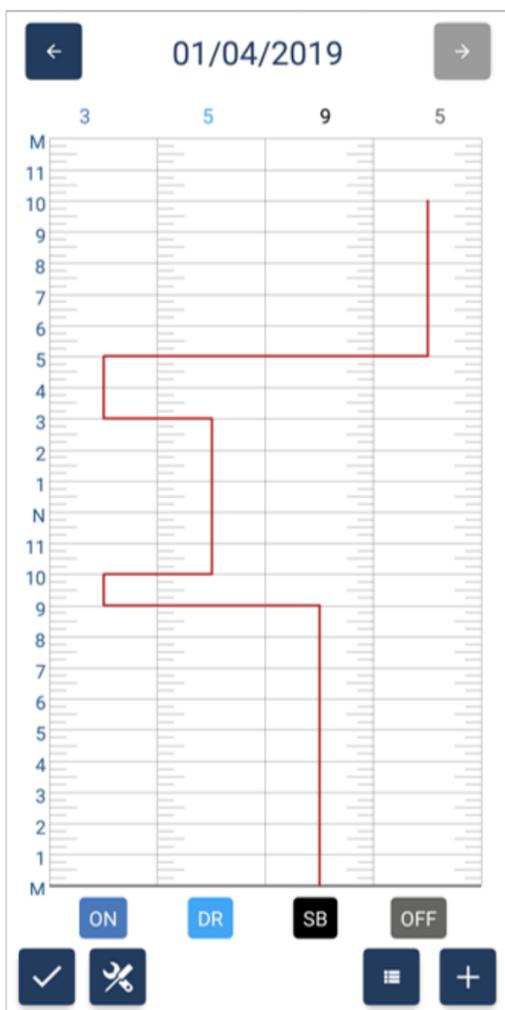
3 –  **SAVE** when complete.



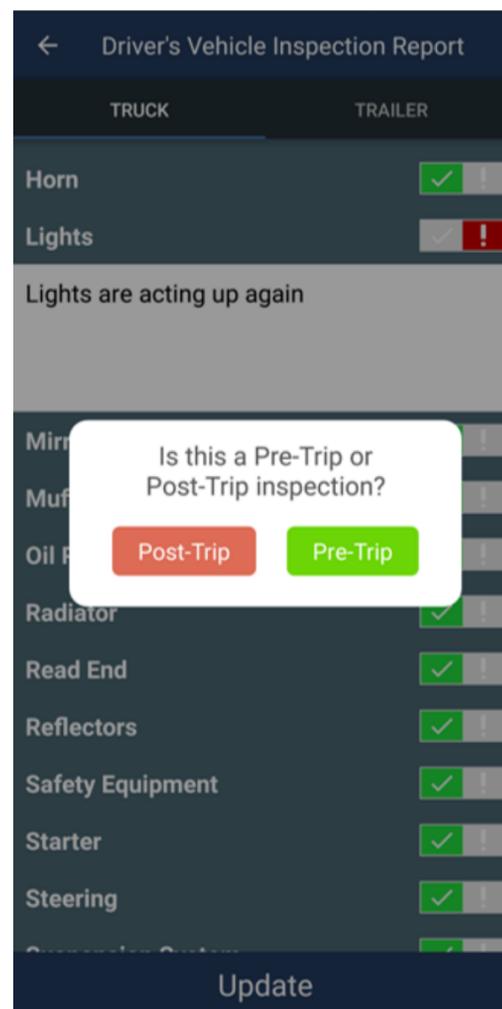
Vehicle Inspection Report (DVIR)

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

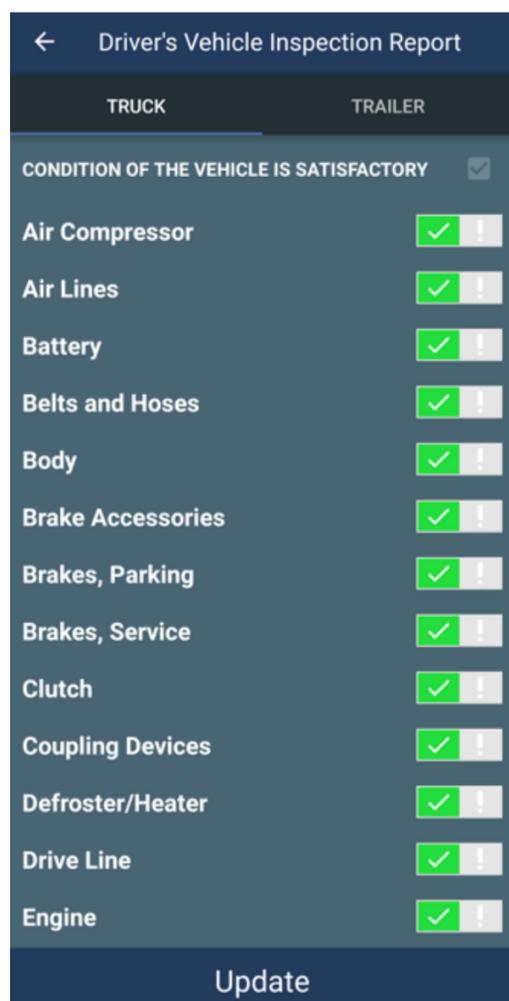
1 - Click the  button to begin.



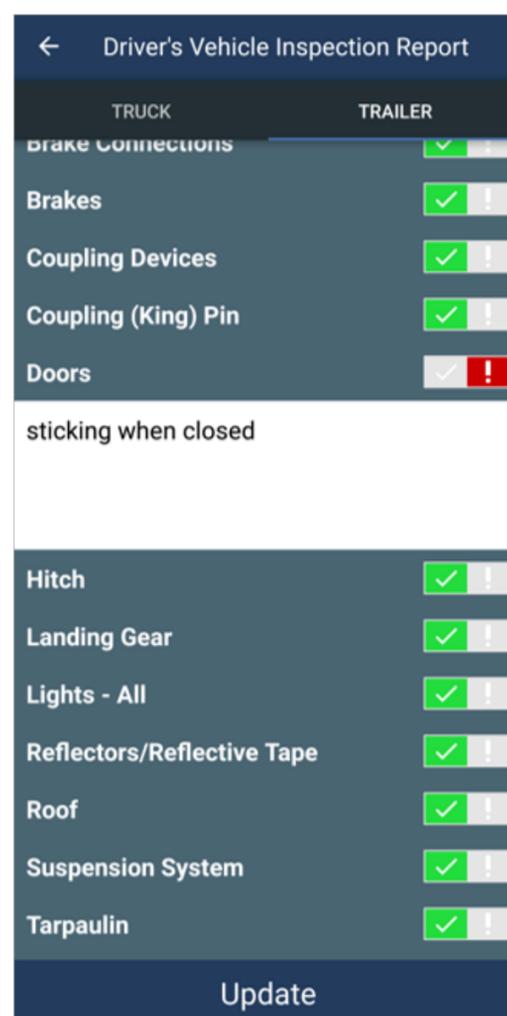
2 - Select if the inspections is Pre-Trip or Post-Trip.



3 - Complete the Inspection per the checklist.



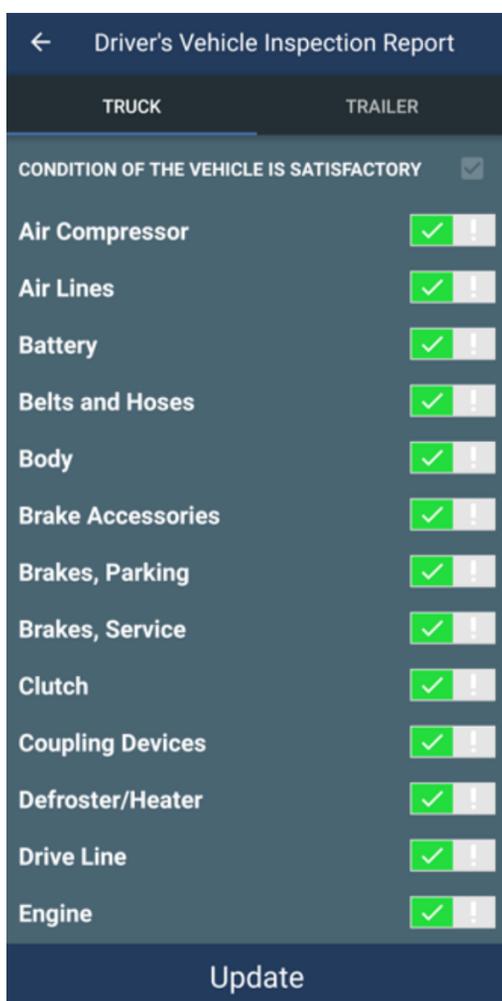
* If defects are found, press  and add notes.



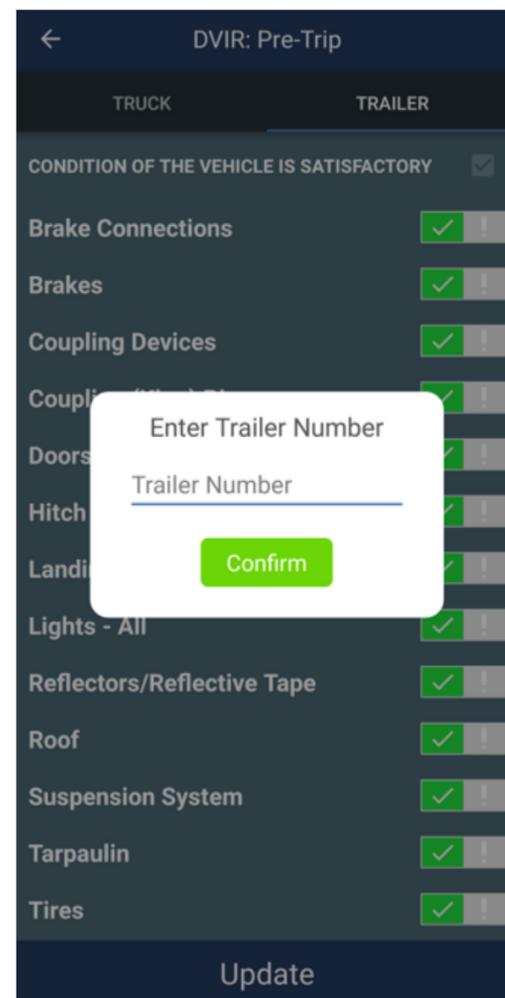


Vehicle Inspection Report (DVIR)

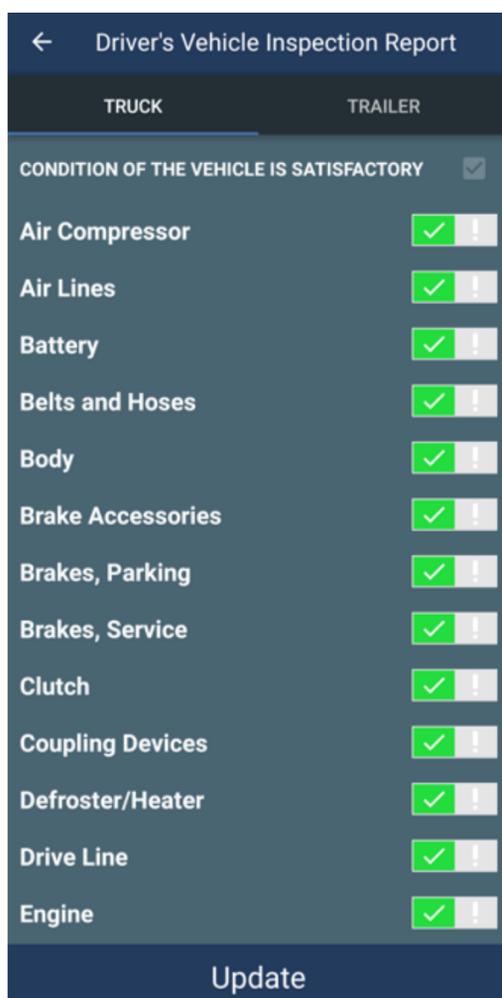
4 – If applicable, press the **Trailer** tab to inspect the trailer.



5 – Then enter the Trailer ID.

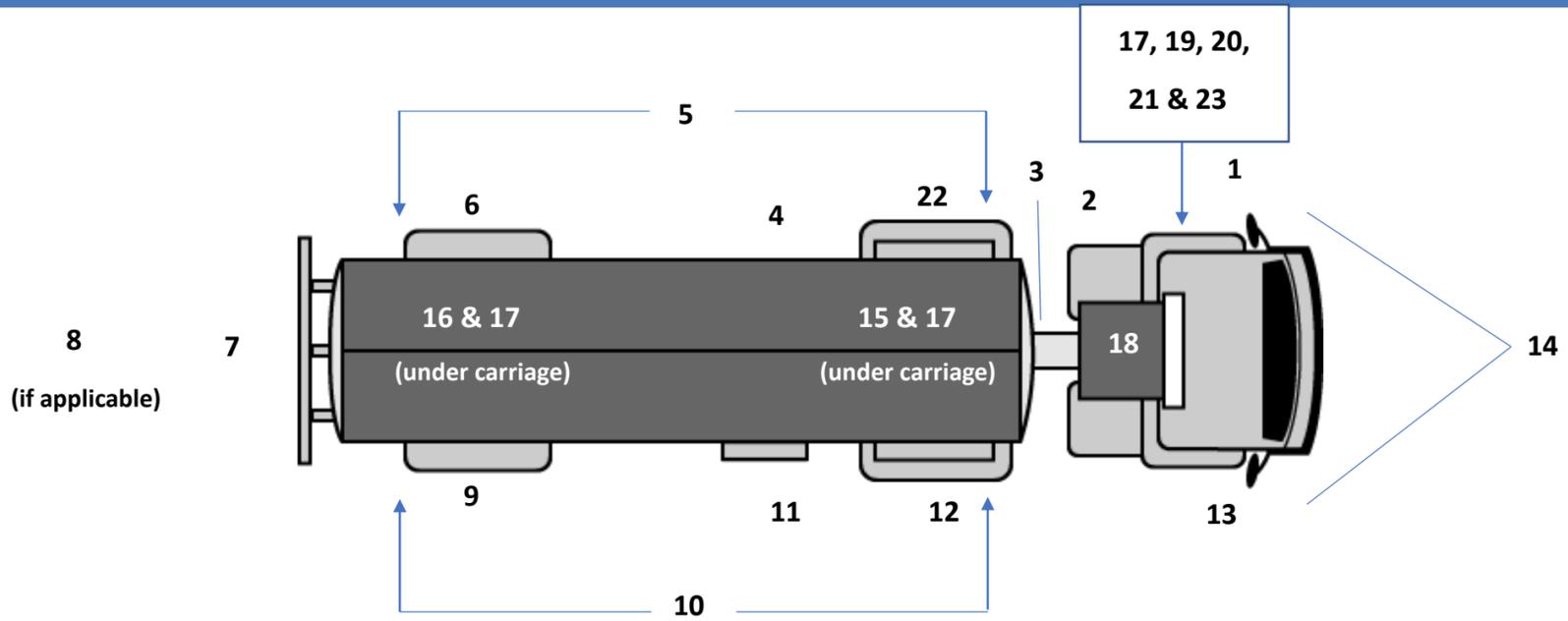


6 – When finished click **Update**





Vehicle Inspection Report (DVIR)



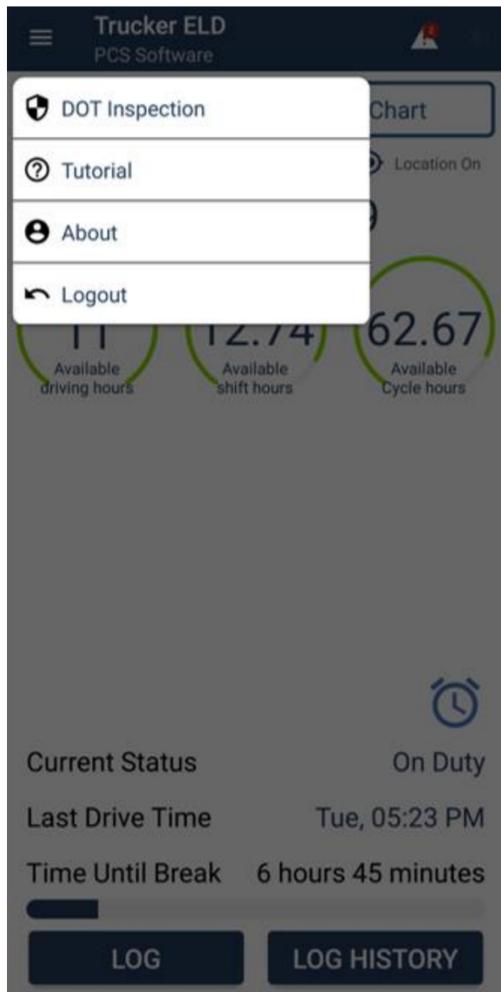
<i>Inspect the following:</i>		
STEP 1 Left Front Side of Tractor: - Front wheel, rim, hub, and tire.	STEP 9 Right Rear Trailer Wheels: - Check as in step 6.	STEP 18 Tractor Protection System: - Have driver release brakes and disconnect both brake lines. - Full brake application. - Listen for air leaks.
STEP 2 Left Saddle Tank Area: - Fuel tank area. - Exhaust system.	STEP 10 Right Side of Trailer: - Check as in step 5.	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 3 Trailer Front: - Check air and electrical lines.	STEP 11 Right Rear Tractor Area: - Check as in step 4.	
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 12 Right Saddle Tank Area: - Check as in step 2.	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 13 Right Front Side of Tractor: - Check as in step 1.	
STEP 5 Left Side of Trailer: - Frame and body. - Condition of hoses. - Van and open-top trailer bodies. - Cargo securement.	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 21 Steering Wheel Lash: - Measure steering wheel lash while wheels are straight and the engine is running.
STEP 6 Left Rear Trailer Wheels: - Wheels, rims, hubs, and tires. - Sliding tandem.	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 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 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 16 Axles 4 and/or 5: - Same as step 15.	
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 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 23 Complete the Inspection: - Complete documentation. - Conclude with the driver. - Follow correct and current OOS procedures (if applicable). - Issue CVSA decal(s) (if applicable).



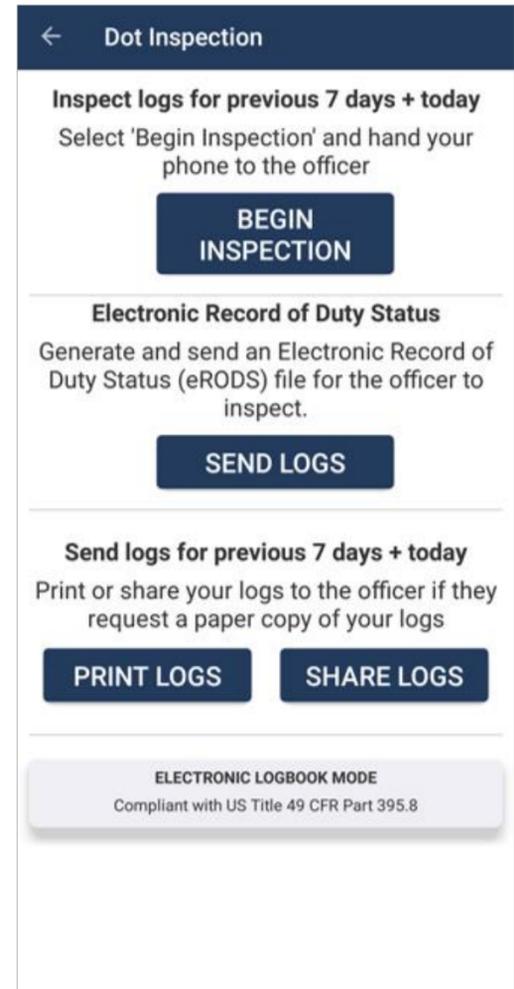
Roadside Inspections - Driver

An officer/inspector can view the logs on your device through the **TruckerELD** App

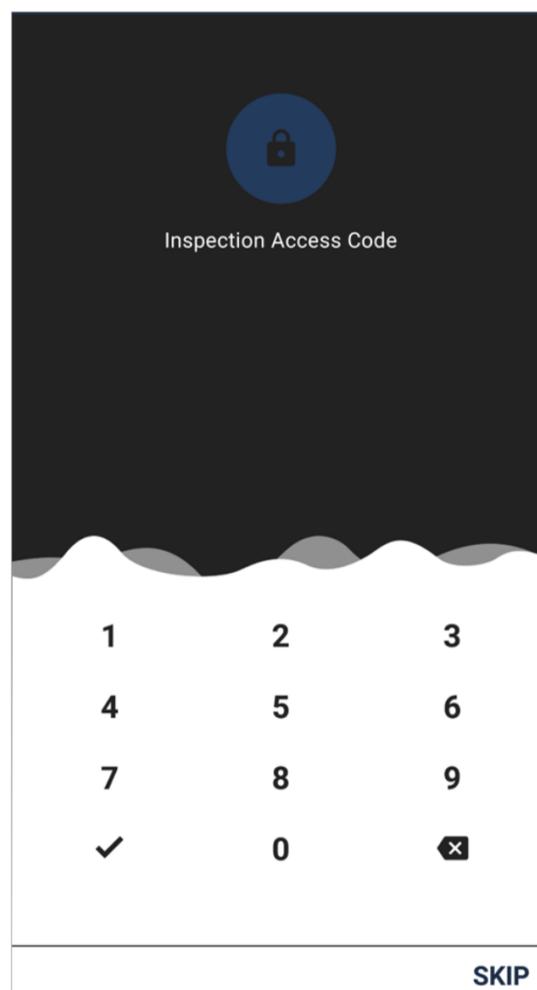
1 - Press the  icon and select **DOT Inspection**



2 - Select **Begin Inspection**



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





Roadside Inspections - Inspector

← 06/05/2019

PCS Online R01 Test
110 Vision Park Blvd
Shenandoah, TX 77384

DRIVER'S DAILY LOG
(One Calendar Day = 24 Hours)

06 / 05 / 19
Month Day Year

Scott Adams
DRIVER NAME

CT020
DRIVER LICENSE NUMBER

06/04 04:00
06/03 01:17
06/02 00:00
06/01 00:00
05/31 04:23
05/30 16:25
05/29 00:00

Dallas, TX
HOME TERMINAL OFFICE ADDRESS

Shenandoah, TX
OFFICE

Shenandoah, TX
OFFICE

09:30
00:00
00:00
00:07
09:37

OFF
SB
D
ON
Remark

Total Hours 27.00
Total Hours Available 42.85
Today's Hours 00.07

Time	Duration	Status	Location	Notes
12:00 AM	9 hrs 18 mins	Off Duty		
09:18 AM	4 mins	On Duty	Shenandoah, TX	

I hereby certify that the information above is true and correct

Driver's Signature

Copyright PCS Software, Inc. * Shenandoah, TX * www.pcssoft.com * 801-419-8508

EXIT LOGOUT

1 – Use the arrows   to scroll through daily logs.

2 – When finished, press 



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.

← **Dot Inspection**

Inspect logs for previous 7 days + today
Select 'Begin Inspection' and hand your phone to the officer

BEGIN INSPECTION

Electronic Record of Duty Status
Generate and send an Electronic Record of Duty Status (eRODS) file for the officer to inspect.

SEND LOGS

Send logs for previous 7 days + today
Print or share your logs to the officer if they request a paper copy of your logs

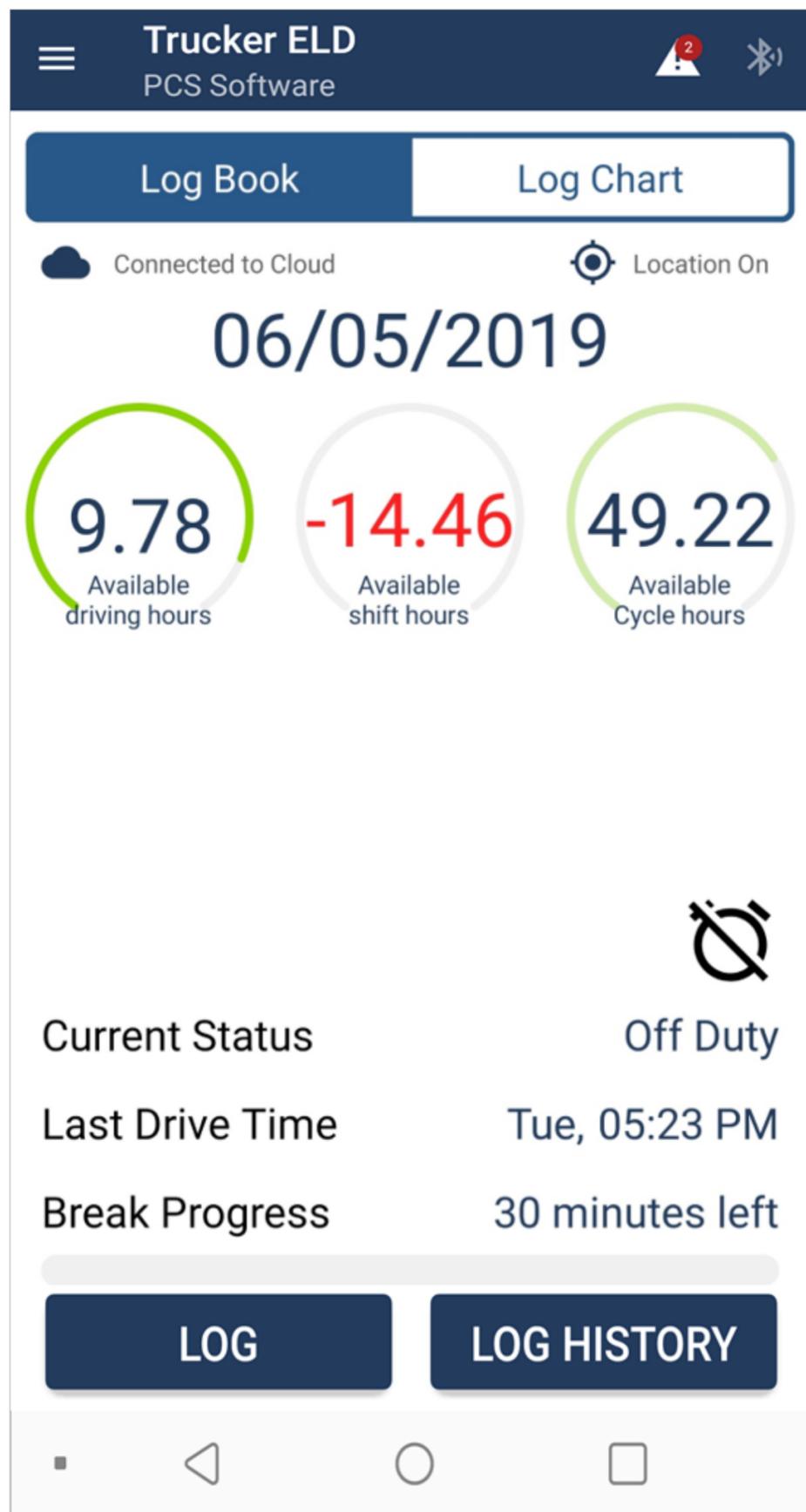
PRINT LOGS **SHARE LOGS**

ELECTRONIC LOGBOOK MODE
Compliant with US Title 49 CFR Part 395.8



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.



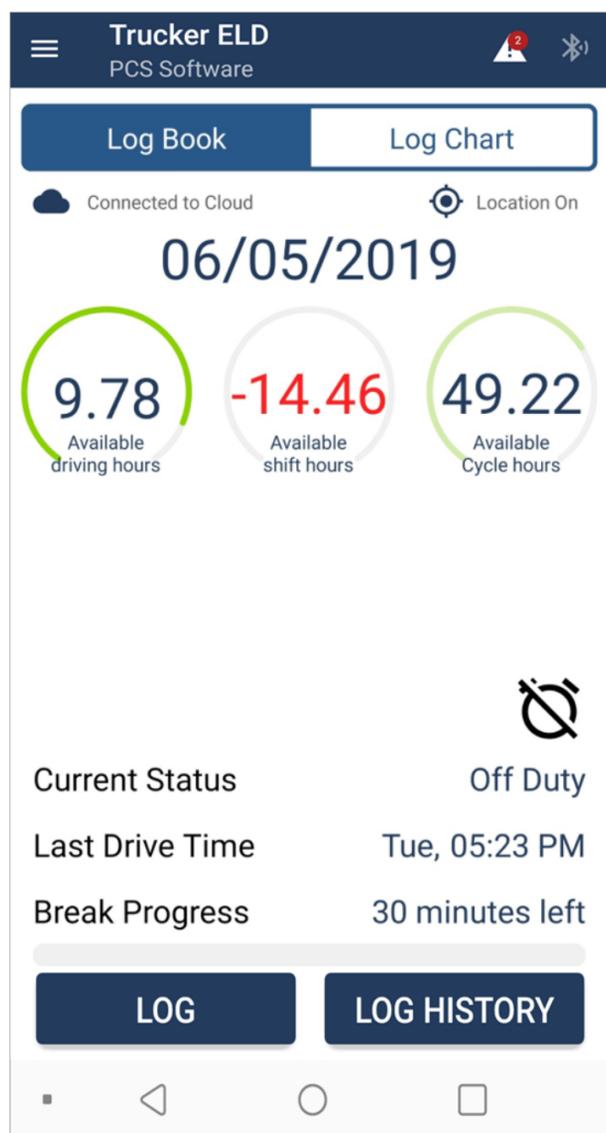
API backup connected.



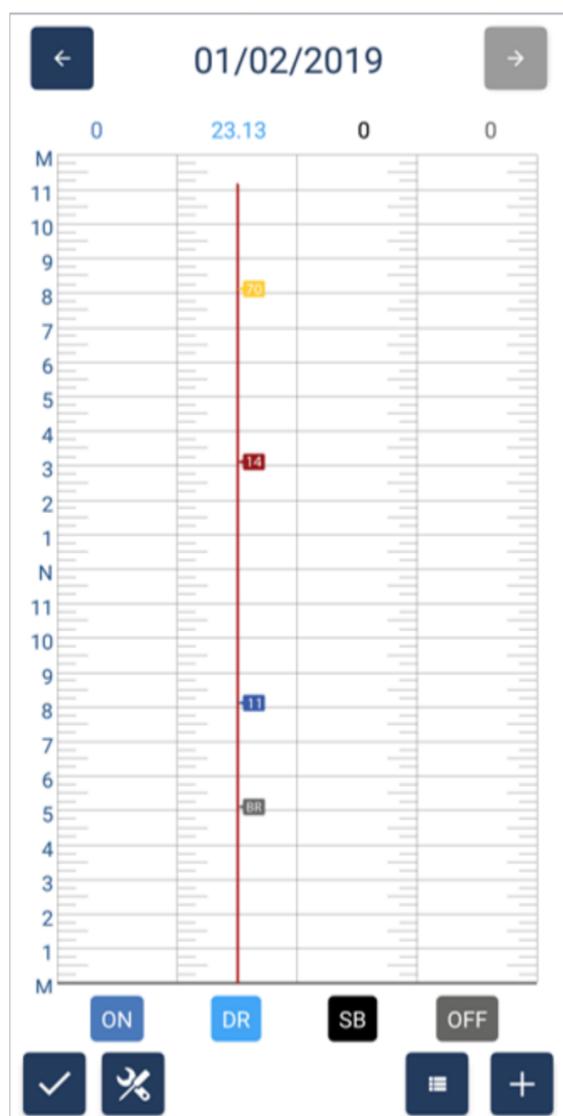
No connection.



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:



8 hour break violation



11 hour driving violation



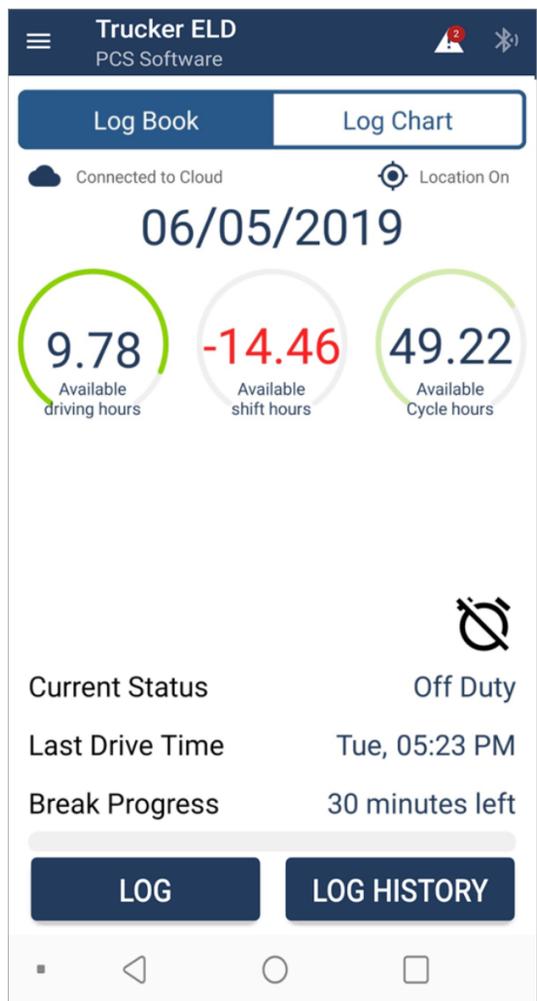
14 hour shift violation



60/70 cycle violation



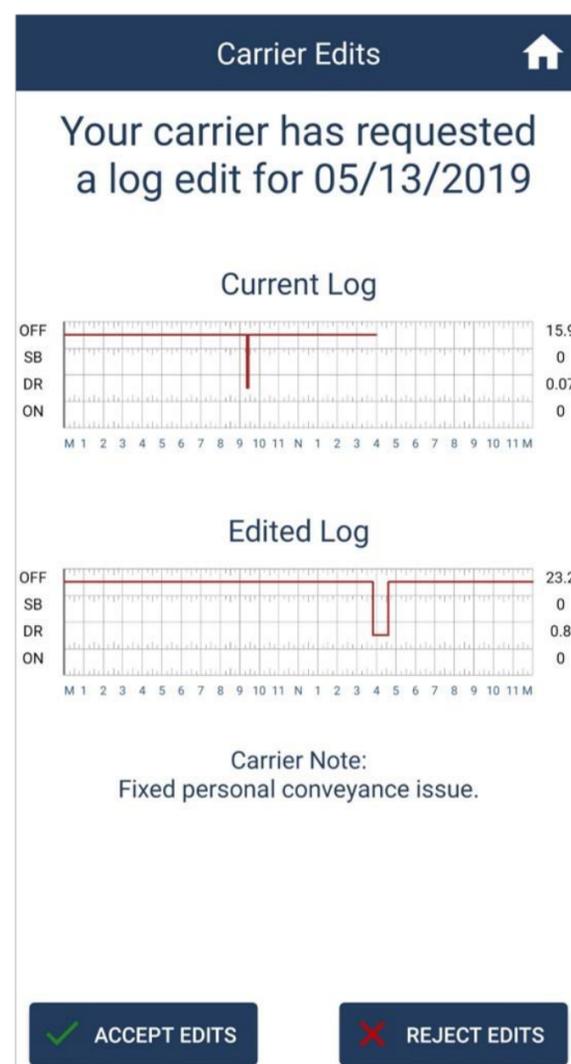
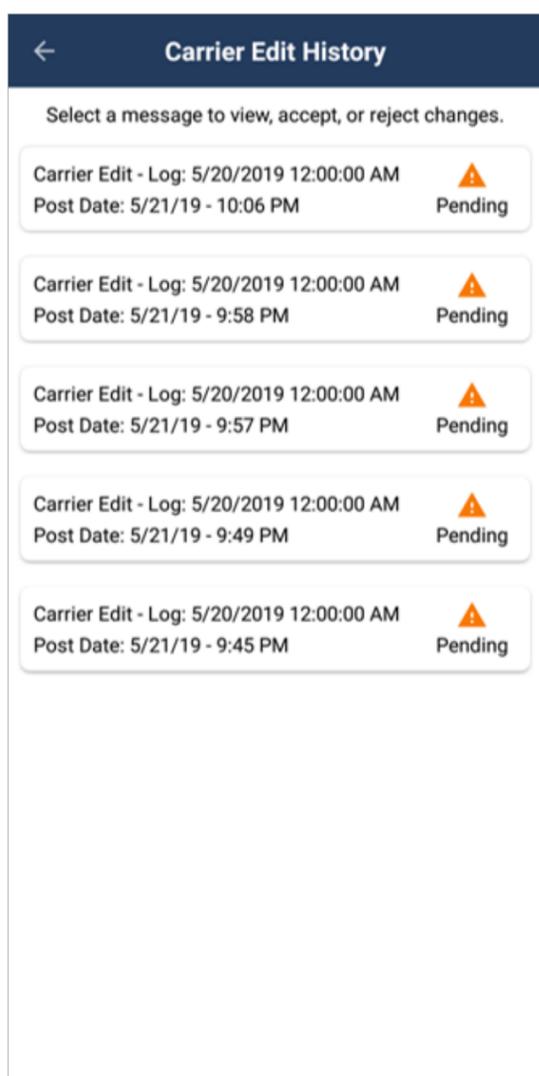
Accept / Reject Fleet Manager Changes



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.

 or  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.

Unclaimed Log Entries

Select log entries that belong to you.

<input type="checkbox"/>	ON	06/01/19 10:02 PM	Houston TX	12:02
June 02, 2019				
<input type="checkbox"/>	DR	06/02/19 10:04 AM	Houston TX	00:18
<input checked="" type="checkbox"/>	ON	06/02/19 10:22 AM	Houston TX	00:04
<input type="checkbox"/>	DR	06/02/19 10:26 AM	Houston TX	00:09
<input type="checkbox"/>	ON	06/02/19 10:35 AM	Houston TX	08:31
<input checked="" type="checkbox"/>	DR	06/02/19 7:06 PM	Houston TX	01:01
		<input type="checkbox"/> Personal Conveyance <input type="checkbox"/> Yard Move		
<input type="checkbox"/>	ON	06/02/19 8:07 PM	The Woodlands TX	09:39
June 03, 2019				
<input checked="" type="checkbox"/>	DR	06/03/19 05:46 AM	The Woodlands TX	00:19
		<input type="checkbox"/> Personal Conveyance <input type="checkbox"/> Yard Move		
<input type="checkbox"/>	ON	06/03/19 06:05 AM	Conroe TX	04:29

POST SELECTED ENTRIES



Malfunctions

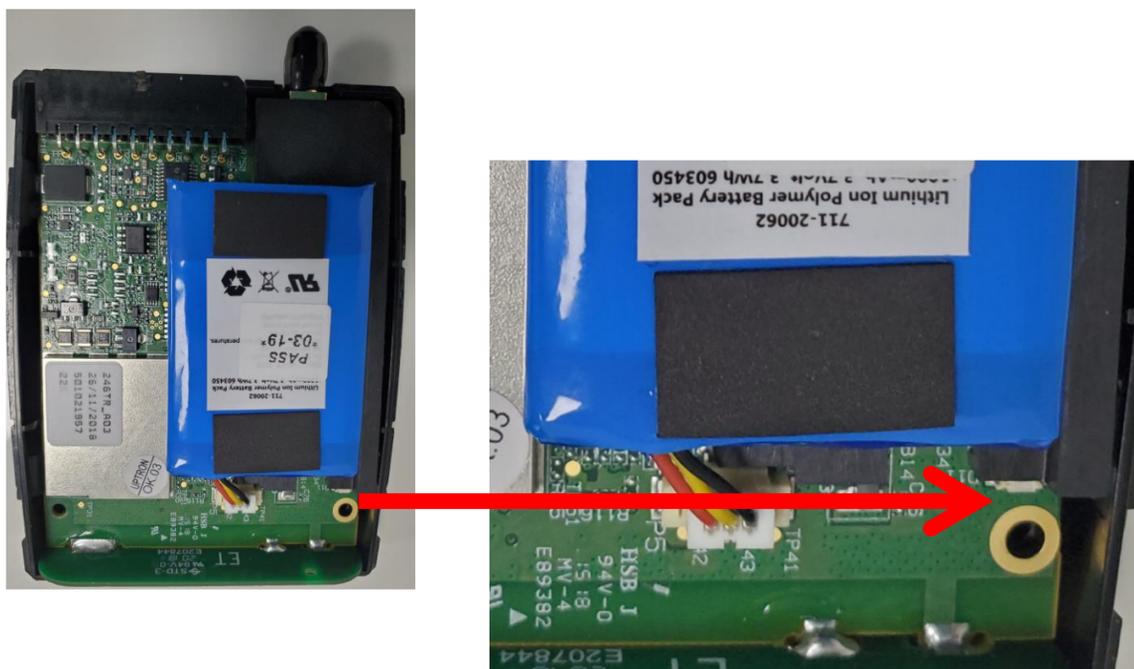
§395.22 Motor carrier responsibilities – In general.

(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.