

Enter username and password and select the Login button, your logs will then be pulled through to the device. Logging into the app for the first time will display the Select Equipment dialog. It will continue to display until the user chooses a specified vehicle and trailer(s) to use. User can select option 'None' to use the app without selecting a vehicle.

Note:

App will automatically attempt a VBUS connection with the device that is associated to the selected vehicle.
For the iOS app, drivers from a different account can log into the app.



(a) Logging in to the device that has no internet connection, the driver can login successfully to the app only if driver have logged in to the device before. Tap **'Continue without syncing'** button to login.

(b) Logging into the app when app server is down will prompt a dialog stating, 'Unable to Communicate with HOS server. Check your internet connection'.

(c) Logging in deactivated or deleted driver cannot proceed on logging in to the app instead an error prompt will display stating that, '**Driver has been deactivated**. Please contact your service provider. / The account you belong has been deactivated. Please contact your service provider.'

(d) Logging in on a second device will cause this message to be displayed on the first device: **Driver Multiple Session**. 'Driver <driver email> has login to a different device. Please logout to avoid possible data loss.'

Tapping the Cancel button will only dismiss the dialog and Tapping Logout will automatically log out the driver's account from the device. Logging out from the device is advised, to avoid data loss caused by multiple logins.



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.

Note: 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.

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.



If an administrative user logged into the application this warning dialog displays. An admin account is intended to be used on the portal only.

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Vehicle/Trailer	
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 To switch Vehicle or Trailer, select the Vehicle/Trailer op Vehicle and Trailer. Switch Equipment by tapping the vehicle or trailer icon o Vehicles and Trailers can also be filtered through text en Switching or selecting a Vehicle with a preconfigured VB device. Note: On the VBUS Settings, VBUS Data and Automatic Switching or selecting a Vehicle that has been deactivate 'Invalid Vehicle' which states that 'Vehicle has been deat A remark is recorded on event history list after successfu <i>Examples:</i> Switched vehicle <vehicle <trailer="" detached="" li="" name="" names="" or="" separa="" separa<="" trailer="" trailer(s)=""> </vehicle>	tion from within the Options screen, this will display the current In the dashboard. try on the vehicle/trailer text fields. US device enables the app to find and connect on the match <i>c Configuration should be enabled.</i> ed or deleted by the personnel on portal will prompt a dialog, activated or deleted. Please select an active vehicle'. Illy switching vehicle, attaching trailer(s) and detaching trailer(s). me>; ted by comma>; ated by comma>
Hours of Service D <thd< th=""></thd<>	Image: Normal State of State St



Change Status

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0-0	Truck23E	REMARK		Driving OnDuty ND Personal Use Yard Moves	REMARK		Truck23E	REMARK
OffDuty >	R, Trailer20	OPTIONS	OffDuty >	6mi NNE Leke Marcel-Stillwater, WA	OPTIONS	Driving >	👼, Trailer20	OPTIONS
Time Retrisining	DVIR	LOGS	Time Romaining	2/19	LOGS	Time Remaining	DVIR	LOGS
00:00	START BREAK		00:00	Note 07.99		07:49 On Duty Time Until Break	-	

Set your Initial status by tapping the Duty Status button and select the appropriate driver duty status from the dialog. If the device is out of GPS coverage, the Location field will be blank, you must manually input your current location. Location is a required field and must contain at least 5 characters upon adding or editing an event. If the device is within GPS coverage, the Location field will be automatically populated with your current location.

Location records as street address for driver who is in (1) Canadian cycle; or (2) vehicle used is in AOBRD mode and 'Display Street Address for AOBRD Mode' option is enabled in Account Settings > App Controls.

For driver whose (3) vehicle used is in ELD mode, location records the closest city with less than 5,000 population in all driver statuses event except for Personal Use event. Personal Use event records the closest city with more than 5,000 population.

Also, the current status of the app is disabled to prevent adding the same status consecutively. Attempt to create a new event such as Off Duty, On Duty, Sleeper Berth in the middle of an automatically Driving event is not allowed, instead an error dialog is displayed stating "Error: shortening of prior driving event is not allowed. Select a time before or after the driving event." 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: Less than 3hrs remaining; Red: Violation occurrence

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				Change Current	Status	DATA TRANSFER	
	••		Per	biling C socalUse Y	InDuty ND ard Moves	REMARK	
		iDuty >	Smi S V	Vocds Creek, WA	55/60	OPTIONS	
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2	Fernark.	0500 AM		7mi S Pien Yan, NY	vehicle Truck7, trailer Trailer20, Trailer27		1017
2	Yard Moves	9533.AW		7mi S Penn Yan, NY			100
4	Or Duty ND	0533.AM	1h 00m	7ml S Penn Yan, NY			LDIT
8	ClearVM	05:34 AM		Zest S. Penn Yan, NY			100
4	Driving	0634.AM	4h 05m	7ml S Pane Yan, NY			1007
					Phe-trip EVH act		

Personal Use – If this is enabled, the status will be set to Off Duty automatically and will disable the other checkboxes. Selection of this option will be recorded within the events history.

- If personal use is enabled, events except Off Duty will not be displayed in the grid but is displayed in the event history list. Off duty will always be the display in the grid and when the driver makes an automatic event, lock screen will also be shown.

Yard Moves – If this is enabled, the status will be set to On Duty automatically and will disable the other checkboxes. Selection of this option will be recorded within the events history.

If yard moves is enabled, events except On Duty will not be displayed in the grid but is displayed in the event history list. Off duty will always be the display in the grid and when the driver makes an automatic event, lock screen will also be shown.

Notes:

- The note field is required when changing status to "Personal Use" or "Yard Moves".
- A static notification bar is visible when driver is currently in Personal Use or Yard Moves.

Personal Use is mentioned in the FMCSA's Supplemental Proposal, which was published on March 28, 2014, that mandates ELDs for most drivers of CMVs that currently log. When a vehicle is turned off in Personal Conveyance (PC), the driver will be asked if he or she would like to stay in PC once the vehicle is started again. If no choice is made to continue in PC, the app will automatically transition into Driving. **Off Road**, on the other hand, determines that the vehicle is running on rough terrain. Lastly, **Yard Moves**, has been established under a mandate which allows driver or personnel to perform duties like moving trucks around the home yard by establishing a single set of thresholds for all ELDs in an On Duty, not Driving status without triggering the device by reaching the thresholds.

Yard Move Radius - if this feature is enabled on the Driver's Terminal, a pop-up notification prompts once the vehicle enters the radius (250m, 500m, or 750m) around the terminal informing the driver to change his status to Yard Moves. Tapping Yes, button will change status to OnDuty – Yard Moves, and tapping the No button will retain his current status.



Note: If the driving exceeds 20mph or 32 km/h, the status will set to Driving.





Select the Vehicle DVIR button from the Main Menu. Select the appropriate DVIR Details and choose the appropriate DVIR form from the options available. DVIR Form set as default on a vehicle cannot be changed into another form.

Tap Inspect button in each equipment to start the DVIR, you will be redirected to the DVIR screen.

Note: However, a dialog will display that will ask confirmation to switch you to OnDuty status when performing DVIR while current duty status is in OffDuty or will take you out to Personal Use if current status is OffDuty under Personal Use.

Inspect Areas				(+ t Areas		Ten ing max.	
Search Item	Air Compressor / Compresor de		Ō	Ę	Q. 560	Summary Start Time: 04/01/2019 12:46:49 AM	R Service	Start Time: 04/01/2019 12:46 49 AM
Tractor und	Air Lines / Lineas de Aire		Ø		Truck	Elapsed Time: 03:23 Items Inspected: 13/13	Truck Diskort	Hapsed Time: 03.45 Rems Ropected: 13/13
6/46)	Battery / Bateria		18	alight mellionstram	Barris Boore(13/13)	Inspection Result General Comments	Apres - Appen	General Comments
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	Body / Cuerpo		0	9		Defects Corrected Oradision Statisfactory Condition Statisfactory		Users Doe Jr, centry that the DWR is consist and true
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Type in on search field to search an inspection item.

Confirm all of the checks as passed, failed or not applicable, then select the Finish DVIR to submit.

When failing a DVIR item, an option for selecting a severity level will appear with its corresponding color: Major – Red \triangle , Minor – Yellow \triangle

Items marked as "Failed" remained as failed even after the 'Pass All' button is tapped. The same goes for when the "Uncheck All' button is tapped.

After successfully certifying the DVIR, a remark event will be created in the Edit Logs screen stating the completion of Pre/Post/Ad-Hoc DVIRs.

- Select twice if the vehicle check has failed
- NA Select third time if not applicable
- Select to take a photograph to attach to the report
- Select to add a comment to the vehicle check
 - Tap to automatically select all the items
 - Tap to automatically unselect all the items

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Start Time: 12AM		<	- Fri May 11, 2018	\rightarrow	US70F	nrēdays	Star	rt Time: 12A	N	<i>\</i>	- Thu May 10, 2018	\rightarrow		US70hr	8day
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3 Romark	0217 AM		17miSSW Collegwood, ON	Switched valide to website FLD1		1	3	Barrank	08:27 PM		17mi SSW Collingwood, DN	Scritched vehicle to vehicle Truck1			1
4 OnDuty ND	09.19 AM	90m	17mi SSW Collingwood, ON			/	4	ELD Login	08:27 PM		17mi SSW Collingwood, DN	ELD Connection			NOT
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Mactive (C+Changed,)	1010-Change Reque	stel, ICJ+Charge F	ajected				8	Remark	08:28 PM		17mi SSW Collingwood, ON	Pre-trip DVIR not performed for Vehicle Truck1			1

When driver manually/automatically change to Driving event without completing the Pre-trip DVIR, it will create a 'Remark' event with a note 'Pre-trip DVIR not performed for Vehicle [vehicle name] or Trailer [trailer name]'. The Remark event will be created after it detects or when a first Driving event on the shift cycle is created. Also, an **alert** is sent only once for each vehicle or trailer that begins to drive without having done a Pre-Trip DVIR.

DVIR Details	Current DVIR	Connect X	Filter: Al Equipment	led		Gonnect	Filter. Truck2	7		Contect
Bate: 04/01/2019 12:45:00 AM CDT Type Inspector	Pre-trip 12:46:49 AM Cent Pre-trip 12:52:09 AM In pr	ngress I	Equipment	Inspection Type	Inspector	Date Inspected	Equipment	Inspection Type	Inspector	Date Inspected
Pre-trp Driver	DVR History		Truck2	Post-trip	John Doe Jr.	05/11/2018	Truck2	Post-trip	John Doe Jr.	05/11/2018
Switch Equipment			- Truck2	Pre-trip	John Doe Jr.	05/11/2018	- Truck2	Pre-trip	John Doe Jr.	05/11/2018
Trailer20 Trailer Inspect										
Trailer Ingest										



DVIR History can be viewed by tapping the DVIR History button in the DVIR screen.

The DVIR History feature displays the DVIRs for the last 30 days for the currently selected equipment. Completed DVIRs that don't have failed items shows in a row highlighted in green color while Completed DVIRs with failed items are highlighted in red. Also, a '+' can be tap to show the details of failed items.







To log on further drivers, select 'Options' from the Hours of Service main screen, then select the 'Manage Co-Driver(s)' option > tap Logon Co-Driver button > enter the log on details as before.

To cancel the attempt to log in a co-driver, just tap the button 'Cancel'.

Following a successful logon, the co-driver is still Off Duty, he/she should check their availability prior to changing their status.

To switch to another logged-in driver, select 'Options' from the Hours of Service main screen then select the 'Manage Co-Driver(s) option > tap on View button.

The Hours of Service app then asks the codriver to input the password to authenticate the account.

Notes:

- Manage Co-Driver(s) new UI is still implemented on Android app only.

- A remark with a note "Co-driver logged: <co-driver name>" will be recorded on the event history list every time a co-driver is logged on the app or a note "Co-driver logged out: <co-driver name> if co-driver logged out from the app.

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.



Once the Co-Driver successfully login, it will display the main dashboard with the co-driver's information with limited conditions set in Review Mode.

access:

dialogs

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

- Driving Notifications and alerts which relates to the 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

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Manage Co-Driver(s) Current Driver John Doe Jr. Vew Co-Driver Alden Doe Jr. Make Driver

Pending Edit Request(s)

When in Review Mode the Co-Driver can receive or

Data Diagnostics and Malfunctions pop-up

Can edit current event to OnDuty ND, OffDuty

Allow modifications on previous events

& Sleeper except changing it into Driving

Notes:

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

 (1) Tep op the driver amail above the option
 (2) Tep op the driver amail above the option
 - (1) Tap on the driver email above the menu list. or;
- (2) Tap on Manage Co-Driver(s) button displayed below the app header. On Manage Co-Driver(s) dialog, user will be able to see the Current Driver and Co-Driver(s) logged into the app.
- Tap on Make Driver to confirm to make the co-driver become the Driver.





3.5

fuel receipts.

Note: For every fuel receipt created via the App fuel receipt feature, it creates a Remark event, found on the Edit Log screen, with a note "Purchased 1.345 gallons at \$53.80 price (sample note). Fuel Receipts tab will only be available for account with State Mileage feature.



For android app, if a driver's current vehicle is "None" an error dialog will display saying "Select a Vehicle first".

Note: A Driver can only add a fuel receipt if the current vehicle selected is not "NONE".



When Toll Road is enabled it will create a "Remark" with a note "Start Toll Road". When uncheck it will create a "Remark" with a note "End Toll Road".



If driver stop driving while one of the checkbox is enabled the driver can still uncheck the "Off Road" or the "Toll Road" through the Options screen > Remark.

11 Manage Vehicles/Trailers

Add Remark

BREAK WARNING

07:53

REMAINING TO VIOLATION

Driving

Co-Drivers

10





For Vehicle type

Equipment

iOS app

				Connect	
	Create Equipment		Туре		
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Trailer20			Trailer	1	ł
Truiler3D	<u></u>	07.96	Trailer	1	ł
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Trusk21E	Note		Weblicke	1	ł
Truck22A	Cancel	Add	Vehicle	1	
		CONTRACTOR STATES			

For Trailer type Equipment

Equipment management (add/edit/delete) can be made through the portal and Hours of Service app.

Hence, the 'Manage' button is only available given a situation, that the driver is an asset admin and that the 'Allow drivers to manage equipment' option is both enabled in account settings and driver settings. Otherwise, the button will not be available on the Switch Equipment dialog. Driver can then add, edit or delete equipment via app depending on the permission set on driver setting.

Creating a vehicle requires a VIN, if the VIN is optionally populated and that the source is not the engine ECM, it will auto be converted to capital letters when saved. If driver created trailer, VIN is also enabled but is not required when saving. This also didn't require the valid format.

In the Equipment Management, a Vehicle type equipment can be preconfigured to associate to a specific VBUS device. Once the VBUS Configuration is turned on, it automatically connects the app to the device when the Vehicle is selected. However, if no device was selected during the creation of the equipment, the default selected device option is set to "None" and all the other fields on the ELD configuration section will be hidden.

Notes:

If user selects "Digi WVA" in connection type, then admin password field is required. •

- Firmware version field can be manually populated. For some VBUS devices, it is already pre-populated.
- For iOS app, VBUS Device information is not displayed. Only for Android application.





VBUS Data Error DeDuty 1 VBUS Breaut error 1 VBUS Breaut error 1	to establish connection	TIONS	OnDuity ND Collect Mism	Truck1 atch 0 Bloetooth LE is associated with a different vet CANCEL BUTCH VE	SIDE INSPECTION	VBUS Progress OffDuty	Found Digi WVA Connecting_ Wating for GPts_	TIONS
Time Remaining	RECAP		Time Remaining	DATA TRANSFER		Time Data Stor Connection		DEM CK
00:00		SHIFT/CTOLE	07:41		LUGS	00:00		SHIFT / CYCLE
	START BREAK	DVIR	Circuity same Units Break	START BREAK	OPTIONS		START BREAK	DVIR

- The driver can also cancel an in-progress connection via the OK and STOP Connection button found in the VBUS Progress dialog.
- 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 button.
- The VBUS Data Error dialog will appear when no VBUS data received within the specified duration.
- The Vehicle Mismatch dialog prompts if driver performs manual connection then selected a VBUS device that has been associated to a different vehicle. However, tapping 'Connect Anyway' will proceed to VBUS connection process. While tapping 'Switch Vehicle' allows the driver to switch to another vehicle. VBUS Progress dialog will display and spinner will then start once the selected vehicle is associated to a VBUS device.

MANUAL CONNECTION

- Tapping the 'Manual Connection' button will display a dialog showing a list of supported VBUS devices.
- Tap on the device name to display the 'Connect' dialog and established a connection to the device
- After the app established a connection to the VBUS Device then the ELD Login Dialogs, such as Uncertified Log, Pending Edit Request, Exempt Driver dialogs, will be displayed.

		D D C +	 Hours of Service Vehicle disconnected 		Connect	
•	John Doe Jr.	ROADSIDE INSPECTION	B	John Doe Jr.	ROADSIDE INSPECTIO	IN
OffDuty > Do you went	Truck2 > Vehicle to connect to vehicle Truck??	OPTIONS	Select "Geometris Driving	BLE Device"	OPTIONS	
AMANDAL CON	NECTON CANCEL COUNT	LOGS	1 WQ 81A160480 1abcol 775058	DOM DEVICES	LOGS	
	RECAP	DVIR	Intertenun.	RECAP	DVIR	
	START BREAK	SHIFT / CYCLE	07:10 On Duty Time Unit Break	START BREAK	SHIFT / CYCLE	



- When a driver performs a manual connection, the app remembers the VBUS device that he connected to and automatically connects to that VBUS device in the future.
- On the Bluetooth menu, the available Bluetooth devices are displayed and can be sorted either in decreasing signal strength (RSSI) or name.

CONFIGURING A VBUS DEVICE

• Tap 'Scan QR Code', then scan the QR Code of the device



- Fill in the device name then select the pairing mode
- Tap "Configure Device" then wait for the direct WiFi created by the device to be available
- Configuring wireless connection dialog will then display
- After wireless connection dialog, the available devices will then appear



- Tap on the newly created device and the connect dialog will then display.
- If 'Yes' is tap, then it will connect the app to the device. If 'No' is tap, the dialog will be close.

AUTO CONNECTION

Note: Automatic connection requires association between vehicle and VBUS device using portal or app equipment management.

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



- When disconnecting the app to the VBUS Device, tap the VBUS icon in the application header to display the Disconnect dialog. Confirming the request will successfully disconnect the app to the VBUS device and an event 'ELD Logout' along with a 'VBUS Disconnected' remark will be recorded in the events list. However, if the connection was drop due to interruptions (low signal & etc.) which will disconnect the app to the VBUS device, it will not create an 'ELD Logout' event.
- If the device was left "Connected" during the logout process then it immediately re-establishes a connection upon the login process.
- The app retains the selected device upon re-establishing the connection, unless the driver chose another device.





- At each instance when an ELD malfunction or data diagnostic event is detected or cleared by the ELD, the ELD records the event.
- The recorded malfunctions and data diagnostic events are inconsistencies found while monitoring the app/ELD against FMCSA compliance requirements.
- 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
- If Driver login to app, Authenticate note will be recorded to events history list.
 If Driver will logout to the app, the note "Unauthenticate" will be recorded on the events history list.
- When the app is connected to the VBUS device an ELD Connection note will be recorded to events history list. When disconnected to VBUS device an ELD Disconnected note will be recorded to the list.
- Driver will be able to add a note to the following events
 - Intermediate log
 - Login/logout
 - CMV Engine power up/shut down
 - Malfunctions and Data Diagnostic events
- Annotate Incorrect Driving Feature is the ability to exclude the time of an auto-driving event from the hours of service calculations on the android device.

Notes:

- Set hos.annotate.driving.feature.enabled to true on the Account Property.
- And on the HOS Preference setting, 'Use Grid View Editing' option should be enabled to use the feature.



The ELD provides a standardized singlestep compilation for the driver's ELD records and initiation of the data transfer to authorized safety officials when requested during a roadside inspection.

Once tapped, a selection of the supported data transfer options by the ELD will prompt to the user.

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 'Switch Equipment' option. Tap on the menu to show the list of vehicles.

Notes:

- 'All Vehicles' option will only display on the list when the driver has already driven multiple vehicles for the day.
- For Android app, list of vehicle/s are displayed in checkboxes. After selection of vehicle(s), it will then prompt the Data Transfer dialog to select data transfer options: Bluetooth, USB, Email or Web Service.
- For iOS app, list of vehicle/s are displayed in checkboxes. The app allows to select specific vehicle(s) to be included in ELD output file. The list of vehicles displayed are the vehicles that the driver used within the current cycle. Select vehicle by tapping the checkbox button. Tap **OK** button to save selection. The available data transfer options for iOS app are Bluetooth, Email and Web Service only.

After selecting a data transfer option, the ELD prompts for an output file comment which the driver may enter (optional). The ELD accommodates the entry of an output file comment up to 60 characters long.

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4	ELD Login	10:45 AM		4mi NNW Red Oak, IA	ELD Connection				NOTE
5	Power Dri	10:45 AM		4mi NNW Red Oak, IA	Automatic Transition				ANTE NOTE
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Star	t Time: 12AM		<i>←</i>	Fri May 11, 201	ightarrow		US70hr8days
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Co-Dr	idian; nona Ivers: John Doe Ji			Exception Encodering	n ann		
	Status	Start	Duration	Location	Note	+	+
1	omousy	12.00 AM	10h 44m				
2	Remark	07:58 AM			Authentikate		
3	OnDuty ND	10:44 AM	00em	Ami NNIB Red Dak, 14			1
4	ELOLogn	10-45.4M		4mi NNTB Red Dak, 14	FLD Connection		
5	Power dis	10:45.4M		4mi NNTH Red Cak, 14	Automatic Transition		1
6	Driving	10:45 AM	2h41m	4mi NMI# Red Cak, 14	Automatic Transition		1
•24	led on thes						

tart Time:	12AM ←	Wed Feb 26, 2020 ->	Ca	nS70hr7da
0FF 58 0 0N	2 3 4 5 6 7 8 1011	411 N 1 2 3 4 413 1 1 1 2 3 4	5 6 7 8 9 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11 H 19: 00: 04: 00: 26 24:
	Annotate incorrect driving	to exclude it from hours of se	rvice calculations	
	Begin 10.13 AM (9	End 02/26 Phil (9)	Dur: 04:13 @	
Note:				
	Reason: Select Reason For Edit	•		0.765
	Cancel		Save	



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Lastly, once the "Logout" button is tapped, the valid driver that logged into the Hours of Service app will be logged out and the Hours of Service app will be close completely (with no ELD service or VBUS service running in the background).