Alfa ELD Android User Guide



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The eLog Mode

According to the FMCSA rules, starting from December 2019, drivers had to stop logging their time using AOBRD and switch to the ELD (Electronic Logging Device). The servers for every provider have changed as well; and if the synchronization was not too smooth, some of the past data could have been lost. If this is the case for you, please email us the paper version of the logbooks that were lost at <u>Alfaelog@gmail.com</u> and we will be glad to assist you with transferring the data.

Connected devices

The system provides a friendly interface for co-drivers. Co-drivers in our system are obligated to log in via the same application on the same device. Using two different devices with the same PT30 at the same time will only lead to losing the important data. If you are driving alone but still need to change the device, you need to perform the following steps:

- stop and check if the Upload Queue in the Settings is empty (if not, please re-check your connection and wait until all data is transferred);
- log out from the application on device #1;
- only after that log in using device #2.

Status bars

Now you have logged in - you may see the main features:

Top left corner three lines - sidebar;

MD - malfunctions diagnosis (becomes red when there are any issues);



Truck - connecting to the truck;



- Your name the name of the main
- driver;

 \odot

Driver icons - menu for swapping/logging in as co-drivers;

STATUS

STATUS - main menu with your statuses and time calculations;



DOT INSPECT - menu for

inspections;

RULES

RULES - current rules;

varb MOVE OFF DUTY Statuses buttons - interface for changing the manual statuses or checking your current status;



HOS calculators - calculations of the time left.

ELD Malfunctions



When we check the malfunctions menu - we may face three different types of issues.

GPS signal issues are caused by the corrupted GPS signal and will be fixed once the internet and GPS connection is established correctly.

You may face *the Engine synchronization issues* when the ELD does not transfer the data regarding the odometer/engine hours/speed to the server. It may be fixed by sending the device to the mechanics for rewiring.

Data recording issues occur when the data gets stuck in the queue and does not get properly sent to the server. Such data should be deleted or rather pushed through again.

Power Compliance Malfunctions occurs when the vehicle moved at least 30 minutes during the last 24 hours with this issue. Such cases may be resolved by contacting the mechanic or motor carrier.

When the ELD fails to record Coordinated Universal Time (UTC), *Timing Malfunction Issue* occurs and it may be fixed automatically.

You may face the *Data Transfer Malfunctions* in case, when the ELD fails to provide with the UTS records. The way to fix it is to check the Internet connection.

Off Duty - Personal Conveyance

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≡ MD ■ ■ Test Alfa ⊗ €	← ADDITIONAL INFO REQUIRED
STATUS LOGS DOT RULES D	Selected event: Personal Conveyance
	Location Description:
Available Driving Time	State/Province
08:00	State/Province United States
Status: Off Duty 00:00	City (requires a state/province)
	City (requires a state/province)
PERSONAL USE SLEEPER BERTH	Comment: Personal Use
11hr Driving Limit 11:00	Truck 0111
Break In 08:00	Save
14hr Window 13:57	
Duty Cycle 59:57	

PU (Personal Use) may be turned on on the Status page just like any other status. To perform it, you need to switch to such manual status as Off-Duty, and then select Personal Use below.

You may add a comment both when you are starting this event or ending it ('Clear' button) and save it.

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STATUS LOGS DOT RULE	ES DVIR	Selected event:	Cleared
Available Driving Time	07:59	Location Description: State/Province State/Province	ited
Status: Conveyan ce	00:00	City (requires a state/province)	
		Comment:	F
	10.50	Truck 0111	
Break In	07:59	Save	
14hr Window	13:54		
Duty Cycle	59:56		

On Duty - Yard Move

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	est 😚 😚	← ADDITIONAL INFO REQUIRED	
STATUS LOGS DOT I	RULES DVIR	Selected event:	Yard Move
Available Driving Time	07:59	Location Description: State/Province	
Status: On Duty	00:02	State/Province United	1
		City (requires a state/province)	
🌾 (City (requires a state/province)	
YARD MOVE OF	F DUTY	Comment:	
		Yard Move	F
11hr Driving Limit	10:59		
Break In	07:59		
14hr Window	13:50	Truck 0111	
Duty Cycle	59:53	Save	

Yard Move privilege is used for driving at slow speed for small distances. It counts as the On Duty status so may be turned on only if the driver switches to the On Duty. The driver would have to click 'Yard Move' to select it.

Then, the driver would have to click Clear to stop the Yard Move event. Both features may be provided with the comment from the driver in the corresponding section.

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STATUS LOGS DOT INSPECT		STATUS LOGS DOT INSPECT	RULES DVIR
Available Driving Time	07:59	Available Driving Time	07:59
Status: Yard Move	00:00	Status: Yard Move	00:00
Continue Yard	d Move	X	
Would you like to continue u commercial motorized vehic	sing the cle for Yard Move?	CLEAR	
No	Yes	11hr Driving Limit	10:59
Break In	07:59	Break In	07:59
14hr Window	13:52	14hr Window	13:52
Duty Cycle	59:56	Duty Cycle	59:56

Getting stuck in driving status

If the truck does not completely stop before turning the ignition off - the signal will break and the ELD would not recognize the end of the driving event. Thus, in this case, the driver would face an issue of getting 'stuck' in the driving status.

The resolution for that is simple - you will only need to re-start the truck and let the signal reach the servers, which will take only several seconds.

The Statuses buttons will become active and you would be able to switch to any other manual status that is needed.



Side Menu

The side menu allows you to enter one of the following:

- HOURS OF SERVICE main pages;
- DVIR page for the IR data;
- IFTA page for fuel purchases data;
- SETTINGS settings page for the user;
- TRUCK SETTINGS page for changing the truck data;
- MESSAGES interface for work chats with other drivers or fleet management;
- CONTACT SUPPORT chat with our Support team;
- LOGOUT.

Settings

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Drivers
Current Driver Test Alfa
Co-Driver
User interface
Preferred Style Light
Preferred Language English
Other
Preferred Distance Unit Miles
Regain Hours at Midnight Regain all hours at midnight instead of at the start time of events Currently: Disabled
Adverse Driving Conditions
Logs
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STATUS LOGS DOT RULES DVIR

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STATUS
LOGS
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The LOGS tab shows you the daily graph and the events from it listed and described in detail below. The data may be legally edited, though it only applies to the manual events that are missing or were added incorrectly. Each day may be viewed by clicking the <> buttons for navigation. Any missing event may be added with the Insert Event button and any incorrectly edited event may be edited.

Status abbreviations: ON (On duty), OFF (Off duty), PC (Personal Conveyance), CL (Clear), BC (Border Cross), D (Driving), YM (Yard Move), SB (Sleeper Berth).

Switching statuses

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	Test Alfa 😚 💮	\leftarrow additional	INFO REQUIRED
STATUS LOGS DOT INSPECT	RULES DVIR	Selected event:	On Duty
Available Driving Time	08:00	Location Description: State/Province	
Status: Off Duty	00:00	State/Province	United States
		City (requires a state/province	:)
		City (requires a state/prov	vince)
'ERSONAL USE SLEEPER	BERTH [Comment:	Ē
11hr Driving Limit	11:00		
Break In	08:00		
14hr Window	13:57	Truck 0111	
Duty Cycle	59:57	Trailer #:	Hook a Trailer
		Shipping #:	Add Shipping Doc
		Sav	e

In order to add the new status - you need to select it on the STATUS page. Once done, you need to fill the data - location (will be filled automatically but may be changed), shipping documents, trailer #, comment, etc. As per FMCSA, comments are obligatory in each case, and adding odometer data is obligatory after some events.

DOT Inspections and Transfer Data option



The DOT inspect tab has a summary of all your collected data, it will also show you the graph and the full data regarding truck readings: engine hours, odometer, etc. You may use this tab to transfer your data to FMCSA during the DOT inspection, sign your logbooks, or view unidentified events.

When you choose the "Start Inspection" block and press it, you face several options in order to transfer Data to Safety Official such as: send the data to the email provided by the DOT inspector, send the data directly to the FMCSA server or to the FMCS email address.



Connecting the application to the truck

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IF YOU DO NOT SEE YOUR TRUCK, PLEASE TRY RESTARTING YOUR BLUETOOTH		
ARBY TRUCKS		
111 30_95C9		
30_95C9		
0B 30_95C9		
559 30_95C9		
30_95C9		
30_95C9		
07P 30_95C9		
0 30_95C9		
M 30_95C9		
4		

Steps to perform to connect your device to the ELD:

- 1) Plug the ELD to the truck;
- 2) Turn on Bluetooth on your smartphone;
- 3) Click on the truck icon in the application;
- 4) Select your truck from the list.

Co-driving



Driving as a team makes it necessary to use one application and device for two drivers. The first driver logs in and clicks on the Drivers icon. After that, the second driver may enter their credentials and log in as well. After that, they both can use the application. In order to change the main driver in the application - you should click Swap drivers under the Drivers icon tab.