



## **Electronic Logging Devices**

Federal Motor Carrier Safety Administration

# Agenda

- Are You Subject?
  - Exemptions
- ELD Phase I
- ELD Phase II
- How to get Ready
  - ELD Checklist
  - Driver Responsibility
  - Motor carrier Responsibility



## Are you subject?

- If a driver is currently required to prepare a paper record of duty status, the driver is required to use an ELD.
- UNLESS, the driver or commercial motor vehicle meets one of the limited exemptions...



# Agriculture Exemption

- Transporting agricultural commodities from source of the commodities
- Delivering supplies and equipment for agricultural use from a wholesale or retail distribution point
- Within 150 air mile radius

Exempt from recording the driving and working hours performed within 150 air mile radius



# Exemptions

- 100 air-mile radius drivers
- 150 air-mile radius non-CDL freight drivers
- Required to prepare paper RODS for not more than 8 days during any 30-day period
- Conducting “drive away-tow away” operations – when the vehicle is the commodity including towing recreational vehicles
- Driving vehicles manufactured before model year 2000



# ELD Webinars

## FMCSA ELD Rule and Implementation Plan Webinars and Events

- <https://www.fmcsa.dot.gov/hours-service/elds/training-and-events>
- ELD Phase I: Awareness and Transition
- ELD Phase II: Phased In Compliance Phase
- Electronic Logging Device Technical Specification Public Meeting



# **Phase I**

## **February 16, 2016 through December 18, 2017**



# Comparing the 3 Devices

	<b>AOBRDs</b>	<b>Devices Installed with Software</b>	<b>ELDs</b>
<b>Integrally Synchronized</b>	Yes	No	Yes
<b>Automatic Recording of HOS</b>	Yes	No	Yes
<b>Technical Specifications</b>	Limited	No	Yes
<b>Registered with FMCSA</b>	No	No	Yes*

\*To see the list of ELDs registered with FMCSA, go to:

<https://www.fmcsa.dot.gov/hours-service/elds/equipment-registration>





# Vehicle Equipped with an Electronic Device

- Motor Carrier/Driver declares official method
- Inspector can use electronic device as a supporting document



# Citing During Phase I: Roadside and Investigations

	<b>AOBRDs</b>	<b>Devices Installed with Software</b>	<b>ELDs</b>
<b>Section 395.8(d)</b>	No	<b>Yes</b>	No
<b>Section 395.15</b>	<b>Yes</b>	No	No
<b>HOS Limitations (10, 11, 14, 15, etc.)</b>	<b>Yes</b>	<b>Yes</b>	<b>Yes</b>

- If the ELD is not registered with FMCSA, the device must meet the definition of an AOBRD or meet the requirements of §395.8(d)
- The CVSA Out of Service Criteria is applicable to all devices



# **Phase II**

## **December 18, 2017 through December 16, 2019**



## Comparing the 3 Devices

	<b>AOBRDs</b>	<b>Devices Installed with S</b>	<b>ELDs</b>
<b>Integrally Synchronized</b>	Yes		Yes
<b>Automatic Recording of HOS</b>	Yes		Yes
<b>Technical Specifications</b>	Limited	No	Yes
<b>Registered with FMCSA</b>	No	No	Yes*

\*To see the list of ELDs registered with FMCSA, go to:

<https://www.fmcsa.dot.gov/hours-service/elds/equipment-registration>




# Purchasing an ELD

- **Must** be registered on the FMCSA Registration site
  - Tips for choosing a Compliant ELD device
    - <https://www.fmcsa.dot.gov/hours-service/elds/choosing-electronic-logging-device-checklist>
  - Use due diligence when purchasing equipment
- Consider your operations an when choosing an ELD
  - Device Architecture
    - Hardwire or BYOD
    - Telematics or Local only



# Is the Device Registered with FMCSA?

<https://3pdp.fmcsa.dot.gov/ELD/ELDList.aspx>



**FMCSA**  
 Federal Motor Carrier Safety Administration
 LOGIN |

### Registered ELDs

Here you may view a list of Electronic Logging Devices registered with this site. These devices are self-certified by the manufacturer and not by the Federal Motor Carrier Safety Administration. Click [here](#) to return to the homepage.

Device Name	Model Number	Software Version	ELD Identifier	Image	User Manual	Company	Contact Company (Phone)	Contact Company (Email)	Company Website
Load Logistics TMS	LOGI-APPS	1.35 or higher	LLSAPP	<a href="#">LOGI-LAUNCH-20150923-500.png</a>	<a href="#">LOGI-APPS-REFERENCE-MANUAL-Ver35-ELDONLY.pdf</a>	Support Resources, Inc.	770-702-0701	<a href="mailto:contactus@load-logistics.com">contactus@load-logistics.com</a>	<a href="http://www.load-logistics.com">www.load-logistics.com</a>
Gorilla Safety ELD	GS0001	1.0.9.2500	GS0001	<a href="#">Gorilla Safety ELD Image.jpeg.jpg</a>	<a href="#">Driver Manual-2.pdf</a>	Gorilla Fleet Safety, LLC	844-636-1360	<a href="mailto:info@gorillasafety.com">info@gorillasafety.com</a>	<a href="http://www.gorillasafety.com">www.gorillasafety.com</a>
FleetUP	3GL	1.0	TLT3GL	<a href="#">FleetUP ELD.jpg</a>	<a href="#">FleetUP ELD Driver User Manual V2.0.pdf</a>	FleetUp	855-274-2886	<a href="mailto:info@fleetuptrace.com">info@fleetuptrace.com</a>	<a href="http://www.fleetuptrace.com">www.fleetuptrace.com</a>
DriverLog	BlueLink	210	WL1001	<a href="#">Bluelink-standalone1-black-arrows(1).png</a>	<a href="#">Compliance DriverLog Manual.pdf</a>	Wireless Links	201-531 5906	<a href="mailto:support@wlius.com">support@wlius.com</a>	<a href="http://www.wlius.com">www.wlius.com</a>
Hutch ELD	Mercury	V 1.2.3 or higher	HELD16	<a href="#">Image for FMCSA Registration.jpg</a>	<a href="#">ELD Manual Version 1.0.pdf</a>	Hutch Business Group Inc	360-353-4093	<a href="mailto:sales@hutchsystems.com">sales@hutchsystems.com</a>	<a href="http://www.hutchsystems.com">www.hutchsystems.com</a>
TSO INCABIN PLUS	TSO100	2.0 or higher	TSO100	<a href="#">TSO100.JPG</a>	<a href="#">Manual_3.0.pdf</a>	TSO MOBILE by Tracking Solutions Corp	18774772922	<a href="mailto:sales@tsomobile.com">sales@tsomobile.com</a>	<a href="http://www.InCabinPlus.com">www.InCabinPlus.com</a>
e-Track Certified	ATS001	1.1.0.0 or above	ATS001	<a href="#">e-Track Certified Screenshot.png</a>	<a href="#">e-Track Certified Driver Guide.pdf</a>	ATS Fleet Management Solutions	570-309-0060	<a href="mailto:joe@abw.com">joe@abw.com</a>	<a href="http://www.atsfleettracking.com/">http://www.atsfleettracking.com/</a>
KeepTruckin ELD	LBB-1 and higher	8.0 and higher	KTIELD	<a href="#">KeepTruckin - The most powerful and reliable ELD.jpg</a>	<a href="#">KeepTruckin - ELD User Manual.pdf</a>	KeepTruckin, Inc.	855-434-3564	<a href="mailto:sales@keeptruckin.com">sales@keeptruckin.com</a>	<a href="http://keeptruckin.com">keeptruckin.com</a>
Geowiz Truck Tracker Edition	HG100	v 2.0 and higher	FF44EE	<a href="#">Geowiz_Pictures.png</a>	<a href="#">Driver Instruction Guide for ELD.pdf</a>	GeoSpace Labs	877.4.GEOWIZ	<a href="mailto:david@geowiz.biz">david@geowiz.biz</a>	<a href="http://www.geowiz.biz">www.geowiz.biz</a>
at eDash	Apollo	1.0.28 or higher	APOLLO	<a href="#">ApolloELD.jpg</a>	<a href="#">HOSAppUserGuideSWV109.pdf</a>	Assured Tracking Inc	305-971-6777	<a href="mailto:support@assuredtracking.com">support@assuredtracking.com</a>	<a href="http://www.assuredtracking.com">www.assuredtracking.com</a>

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 ▶ Buy America  
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# Driver's Responsibilities

- User's Manual
- Data Transfer Instruction Sheet
- ELD Malfunction Instruction Sheet
- Supply of blank record of duty status graph grids
- Any supporting documents in the driver's possession must be provided to the safety official upon request



# Manual Input

- Off duty or Off
- Sleeper berth
- On-duty not driving
- Annotations
- Driver's location
- Commercial Motor Vehicle Power Unit number\*
- Trailer number\*
- Shipping document number\*





## ***Multiple Employers and Transitioning to ELD Use***

### Providing the Previous 7 Days Records of Duty Status

- Paper Logs
- Printout from device installed with logging software
- Printout from an Automatic On-Board Recording Device (AOBRD), if now using an ELD

\*Driver may insert missing data into the ELD



# Electronic Data Transfer

## ELD Requirements

- ELD provider is required to select 1 of 2 options:
  - Telematics

**or**

  - Local
- Within the selected option, the ELD must support both methods:
  - Telematics; email and webservices

**or**

  - Local; USB and Bluetooth



# All Else Fails

- ELD Display Screen
- Printout from ELD

\*The rule does not address a motor carrier providing a driver's hours of service via fax or email



# Nominal Hours of Service

- Hours of service violations that is 15 minutes or less
- Identify patterns of hours of service non compliance
- Less impact on safety management score



# ELD Malfunction (Driver)

- Note the malfunction
  - Provide written notice to motor carrier within 24 hours.  
(Maybe include an electronic message, such as an email and/or a Fleet Management Systems (FMS) message.)
- Reconstruct the previous 7 days
- Continue to manually prepare records of duty status



## End of working day

- Change duty status to on-duty not driving
  - Log off
- Log back in
  - Enter missing data
- “I hereby certify that my data entries and my record of duty status for this 24 hour period are true and correct.”
- Submit to motor carrier within 13 days of being generated.



# Edits

- Drivers can make edits to their ELD record
  - Must re-certify ELD data after edit is made
- Carrier can request edits after ELD records have been submitted
- Driver has the right to decline edits
- Assigned miles must be addressed prior to operating the commercial motor vehicle
  - Accepted or declined



# Motor Carrier Responsibilities





# Record Retention

- Paper Logs
- Printout from device installed with logging software
- Printout from an Automatic On-Board Recording Device (if now using an ELD)
- 6 Months Retention



# Lists of Users

## 395.22 – Driver Accounts

- Driver's first and last name as reflected on the driver's license
- Unique ELD username
- Driver's license number; and
- The state or jurisdiction that issued the driver's license.



# List of Users, continued

- Support Personnel
  - First and last name
  - Unique ELD username
- Multiple persons cannot share one account.
- All drivers of the CMV may have a driver account.  
For example:

## **Exempt Driver Account**



# Unidentified Driving

- Annotate
- Assign
- Maintain Unidentified driving records for 6 Months
- Must provide to requesting safety official



# Company Policy on Unidentified Driving

- Unidentified driving prevention
  - Know when to login
  - Make sure you logout
  - Create appropriate accounts (exempt driver)
- Drivers can decline assigned driving
- Later accepted driving/time can contribute to hours of service violations



# Editing ELD Data

- Carrier can request edits
  - Annotate
  - Maintain original data
- Driving time **cannot** be shortened
  - Team drivers only



# To Be Maintained

- List of users
- Unidentified Driving
- Original ELD Data
- Paper Logs



# ELD Malfunction (Motor Carrier)

- Paper Logs generated during the malfunction
- 8 days to repair or replace
- Can request an extension





# Electronic Data Transfer

- Telematics Option – Select 1 of 2 methods:
  - Email
  - Webservices
- Local Option – Select 1 of 2 methods:
  - USB
  - Bluetooth



# Automatic On-board Recording Devices

- Not subject to the technical specifications in the ELD rule
- Expansion of fleet = ELD installation
- Replacement of CMV = AOB RD reinstall



# Got Questions?

- Email: [ELD@DOT.GOV](mailto:ELD@DOT.GOV)
- ELD Website: <https://www.fmcsa.dot.gov/hours-service/elds/electronic-logging-devices>

