

# ELD Final Rule

What are the next steps to be compliant?



Learn about **the ELD mandate** and how you can meet **compliance standards now and in the future**

# Fleetmatics Introductions



Paul Kelly  
Senior Account Manager



Stephanie Webster  
Product Manager, LogBook



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ELD: NEXT STEPS



Industry Review  
Finding an ELD Provider  
Finding the Benefits  
Q&A

# ELD: NEXT STEPS

## The Five W's of ELD

- Why
- Who
- What
- When
- Where



# The Five W's of ELD - Why?



## US CONGRESS MANDATED FMCSA TO PUBLISH A RULE

- Improve Safety
- Improve Compliance with HOS Rules
- ELD includes requirements for
  - Device specifications
  - Prohibiting harassment
  - Supporting documentation

### ELD FINAL RULE STATS

Avoid 1844 crashes

Prevent 562 injuries

Save 26 lives

# The Five W's of ELD - Who?

[www.fmcsa.dot.gov/regulations/hours-of-service](http://www.fmcsa.dot.gov/regulations/hours-of-service)

## HOS Regulations

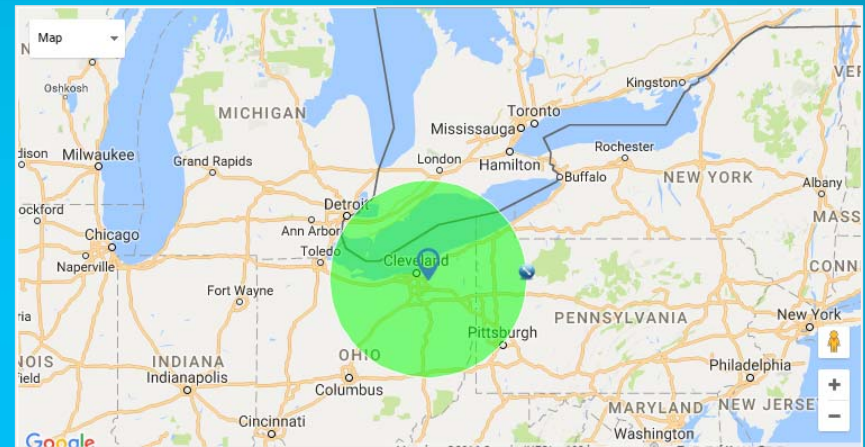
- Interstate operators
- 10,000 lb. or more
- or Hazmat carriers
- Property AND Passenger



# The Five W's of ELD - Who?

## ELD Exemptions

- Less than 10,000 lbs
- Intrastate commerce exemption
- Short-haul / less than 8 days in rolling 30 day period
- Driveaway tow-away operators
- Vehicles older than 2000



# The Five W's of ELD - What?



ELD = Electronic Logging Device

## What is the ELD Final Rule Mandate?

- Final Rule expectations and technical specifications as defined on FMCSA website <https://www.fmcsa.dot.gov/hours-service/elds/electronic-logging-devices>
- **4 year implementation plan** to upgrade from paper or other elog system to Final Rule specs
- 395.15 AOB RD solution currently supported but will be phased out
- All systems must be ELD final rule compliant by **December 16, 2019**
- Vendor qualifications and certification



# Transition from AOBRD to ELD



	AOBRD	ELD
<b>Regulation</b>	<a href="https://www.fmcsa.dot.gov/regulations/title49/section/395.15">https://www.fmcsa.dot.gov/regulations/title49/section/395.15</a> <i>Voluntary prior to December 2017</i>	<a href="https://www.fmcsa.dot.gov/hours-service/elds/electronic-logging-devices">https://www.fmcsa.dot.gov/hours-service/elds/electronic-logging-devices</a> <i>All are required to be on ELD by December 2019</i>
<b>Status Options</b>	On Duty Driving Sleeper Berth Off Duty	On Duty Driving Sleeper Berth Off Duty
<b>Status Entry</b>	<ol style="list-style-type: none"> <li>1. Driver Submission</li> <li>2. Admin Changes</li> </ol>	<ol style="list-style-type: none"> <li>1. Driver Submitted</li> <li>2. Driver Certified</li> <li>3. Admin Proposed Changes</li> <li>4. Driver Manages Re-certification</li> </ol>
<b>Data Output</b>	<ul style="list-style-type: none"> <li>• Graph Grid Display optional</li> <li>• Print Driver Logs via HOS mgmt. system</li> </ul>	<ul style="list-style-type: none"> <li>• FMCSA format required from driver request</li> <li>• Transmission to DOT via Bluetooth, USB 2.0, wireless web services, or email output from HOS mgmt. system</li> <li>• Graph Grid display or print back up of logs required</li> </ul>
<b>Unassigned Miles</b>	Admin managed	Driver managed Admin proposed
<b>Mounting Kits</b>	Optional	Required

# The Five W's of ELD - What?



Paper Logs

Mandate will apply to all drivers who currently are required to keep paper RODS (Record of Duty status)  
Those who keep them for at least 8 or more of 30 days must use an ELD



Device is installed in vehicle

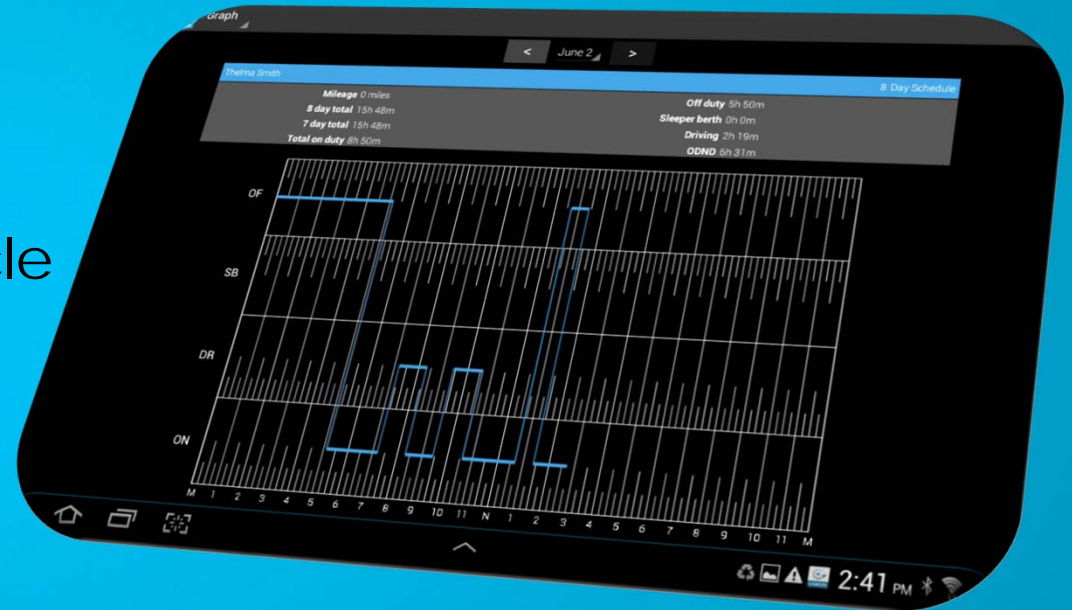
Driver device collects & communicates with vehicle

Devices send data to admin

# The Five W's of ELD - What?



- Driver device collects & communicates with the vehicle
- Devices send data to admin



# The Five W's of ELD - When?

## ELD Timeline\*

ELD Final Rule Published	ELD Effective Date (Fed Register)	ELD Full Compliance	Last Date AOB RD Use
Dec 16, 2015	Feb 16, 2016	Dec 18, 2017	Dec 16, 2019



***AOBRD or ELD may be installed until compliance date***

***Can keep using AOBRD installed before Dec 17, 2017***

***All must be on electronic logs***

- ***Upgrading from AOBRD to ELD***
- ***Adding more units***

# The Five W's of ELD - Where?

- United States operations
- Drivers within the US
  - This includes Canada & Mexico domiciled drivers while in the US
- Unless qualified for an exemption



# ELD: NEXT STEPS

## Why Start Reviewing Now?



USA

**Rules ARE happening**  
**Hours aren't changing**  
**Affects most RODS**  
**drivers today**  
**Long haul transfer**



Canada

**No Mandate Yet**  
**Regulators looking to**  
**finalize soon**

# ELD: NEXT STEPS



## Where do YOU stand?

- Actively using elogs today
- Just started looking at eelog solutions
- Have a few vehicles installed, but haven't decided when to do the rest
- Staying on paper until forced to move

# ELD: NEXT STEPS



## What Should You Look For in an Elog Provider?

### MEETS COMPLIANCE

**Proven compliance with plans for ELD**

**Are they getting prepared for the ELD Final Rule?**

### EASE OF USE

**How are they going to manage exemptions?**

**Will my driver want to use this tool?**

**Can they help me answer my questions?**

**Note that most AOB RD vendors are NOT on the ELD Final Rule provider self certified list yet!**



# ELD: NEXT STEPS



## What Should You Look For in an Elog Provider?

### FLEXIBILITY

**Easy to upgrade for any future FMCSA changes**

### BUILDS ROI BEYOND HOS

**Do they offer other proven benefits?**

### TOOLS TO HELP YOU MANAGE TRANSITION

**Videos and Documentation**

**Training**

**Support**

# ELD Solution Components



What goes in my truck?

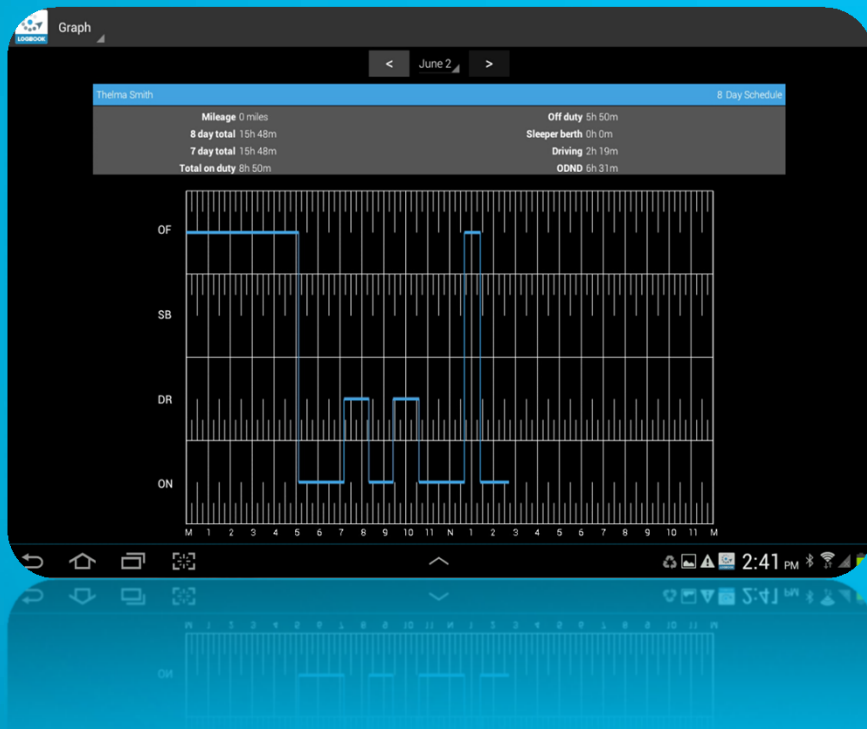
How does my driver manage his own time?

How do admins manage compliance?

Can I give DOT the info they need easily and quickly?



# Easy for the driver to manage HOS



- Minimal driver interaction to run the day
- HOS Status & Certification
- Warning / Violation Notifications
- Easy View for History
  - Past 7+ days for AOB RD and ELD
  - Access to 6 months with ELD
- Add Remarks and Annotations for Updates

# Mobile makes it easy



## Driver – and DOT – Familiarity

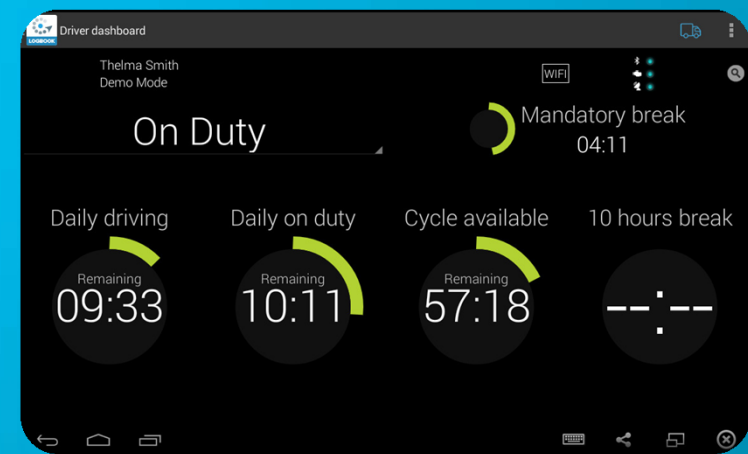
- Majority of drivers have used a smart device
- Display is required – make it easy as possible to review

## Easy to upgrade!

- Over the air update to all drivers

## Away from Vehicle

- Don't have to be connected to a truck!



# More Mobile Options



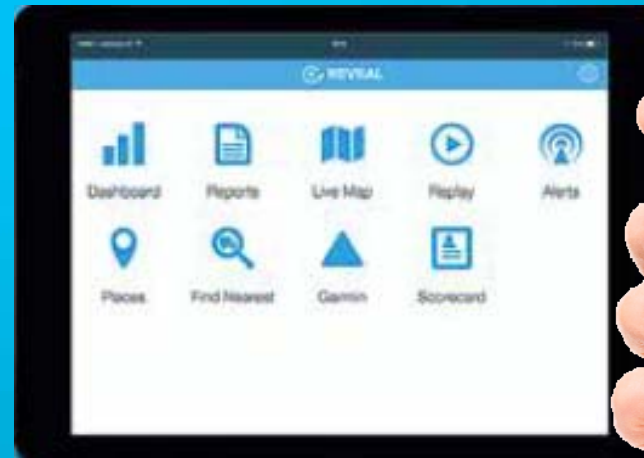
## Fleet Tracking + Compliancy

- Idling
- Speeding
- Fuel Economy



## Field App + LogBook

- Safety Scores
- Navigation



***Applications can provide compliance, safety, performance and metrics simplified and shared between the admin and driver.***

# HOS Management

## Back Office Benefits



- Stay compliant
- Mitigate Risk
- Save on paperwork
- Save on expenses
- Transition to new technology at your pace
- Improve driver retention
- Plan more efficiently

# HOS Management



## Back Office Requirements

- Permissions and Security
- Compliance Review
- Real-time violation alerts
- Unassigned Mileage Management
- Support Personnel Users
- 6 Months History
- Coaching Tools
- DOT Files

The screenshot displays the HOS Management software interface. The top section, 'HOS Overview', provides a summary of driver status: 56 Total Drivers, 3 Driving, 5 On Duty, and 48 Off Duty. Below this is a search bar and a table listing drivers. The bottom section, 'HOS History', shows a detailed view for driver Shelley Boone on 03/07/2016. It includes a bar chart of the driver's status throughout the day and a table of status records.

Driver	Rule Set	Rule Cycle	Status	Status Duration
Shelley Boone	National (US)	7	On Duty (Not Driving)	00h 27m
Sid Bahr	National (US)	7	Driving	00h 00m
Mark Modzelewski	National (US)	7	Off Duty	00h 00m
Tex	National (US)	7	Off Duty	00h 00m

Status	Status Time	Status Duration	Vehicle	Trailer Number	Shipping Reference	Remark	Miles	Location	Details
On Duty (Not Driving)	8:10 AM	00h 02m 56s	LB 1036			[Cycle Reset] [Daily Reset]	0.00	See remarks column	
Driving	8:13 AM	00h 53m 38s	LB 1036				53.90	132-222 E Albertoni St, Carson...	



# ELD: Next Steps



## Finding the hidden benefits of ELD

- Improving Safety
- Accurate Billing and Payroll
- Staying Competitive

# ELD + Telematics Benefits



## Improving Safety

- HOS Compliance Tools
  - Compliant e-logs
  - Monitor Speeding
- Real-Time Driver Feedback
  - Lights
  - Buzzers
  - In-cab displays
  - Navigation
- In-Cab Safety Solutions
  - Distracted Driving
  - Managed Safety Scoring

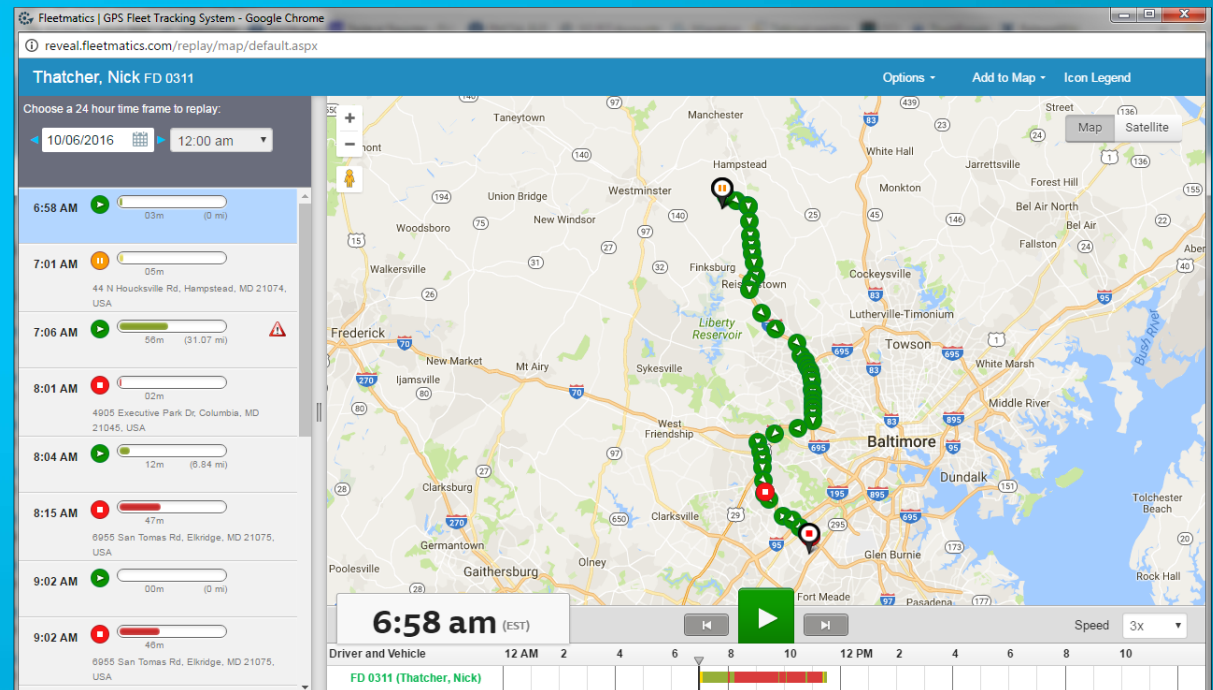


# ELD + Telematics Benefits



## Accurate Billing and Pay

- Time sheet accuracy
- Reports detailing stop locations and how long a driver was there
- Historical proof of service
- Billing validation



# ELD + Telematics Benefits



## Staying Competitive

- Reduce idling and wasted fuel during long moves
- Monitor time spent onsite and progress
- Make decisions in near real-time
- Coach and retain drivers

Find Nearest To: 12375 FL-535, Orlando, FL 32836, USA

Group: Vehicles Selected: 81

Sort By: Closest Distance

WO 1071 Henry Goldman  
19.5 mi 00h 24m  
618-624 San Juan Blvd, Orlando, FL 32807, USA

WO 1089 Bell Tolbert  
21.2 mi 00h 26m  
218-228 Cosmos Dr, Azalea Park, FL 32807, USA

WO 1080 Fran Jackson  
23.2 mi 00h 41m  
1137 Roan Ct, Kissimmee, FL 34

Driver	Distance travelled (miles)	Hard Braking		Quick Starts		Harsh Cornering		Total		Overall	Safety Score
		Moderate	Severe	Moderate	Severe	Moderate	Severe	Moderate	Severe		
Jeff Wilks	448.63	13	2	5	--	10	--	28	2	30	48
Fred West	731.98	10	2	8	1	1	--	19	3	22	75
Josh Manley	375.93	2	1	--	--	--	--	2	1	3	91

Timeline View

Items Selected: 119

Show: Vehicles

10/06/2016 12:00 am

Click on the play icon to view the Replay Map

Vehicle	Start Time	End time	Total
FD 0032 Cantu, Kris	9:55 AM	10:14 AM	00h 19m
FD 0135 Huggins, R...	8:17 AM	9:13 AM	00h 56m
FD 0136 O'Connor, Paul	12:37 AM	9:17 AM	08h 39m
FD 0138 Orsanti, Erik	12:00 AM	10:27 AM	10h 27m
FD 0183 Baker, Fred	12:00 AM	12:05 AM	00h 05m
FD 0219 Segel, Josh			
FD 0306 Hinds, Peter			
FD 0311 Thatchet, Nick			

### HOS Violations

VEHICLE & ALERT OPTIONS

ALERT RECIPIENTS

Select what you would like to monitor:

- My Entire Fleet
- Add Vehicles
- Add Drivers
- Add Groups 1 Selected

Alert triggers:

Send alert after any of the selected violations occur

- All violations
- Daily driving violation
- Daily on duty violation
- Weekly on duty violation
- 30 minute break violation

# ELD: Next Steps

Planning is key!

## Best Practices for Adding ELDs

1. Set clear expectations
2. Get and nurture senior-level buy-in
3. Use the right tools
4. Get focused and stay focused
5. Use facts to drive conversations
6. Share successes early and often
7. Communicate, communicate, communicate



# ELD: Next Steps



What is YOUR next step?

- Compliance is being mandated... or will be soon
- Be prepared and set expectations within your company
- Start looking at your options
- Don't wait – start rolling out new technology

# ELD: NEXT STEPS



## Q&A

This presentation does not contain legal advice and should not be treated as such. You should contact a licensed professional attorney to obtain advice where appropriate. Fleetmatics does not warrant or represent the information contained in this article.

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