ELECTRONIC LOGGING DEVICE (ELD)
Helpful information to assist you in choosing a system right for your requirements

An Electronic Logging Device (ELD) is an electronic device designed to comply with FMCSA's criteria to accurately record a driver's driving time for Hours of Service compliance. The International Registration Plan (IRP) and the International Fuel Tax Agreement (IFTA) each allow the use of electronic devices to document vehicle distance by jurisdiction provided the required supporting data are maintained for audit purposes.

The purchase of an ELD does not necessarily mean it will be compliant for IFTA and IRP purposes or vice versa. Beware of vendors stating that their systems are IFTA or IRP certified. There is no such certification. See the chart below for some of the key differences and similarities between an ELD and a compliant IFTA/IRP electronic records device.

### DISTANCE DATA Collection Elements | Electronic Logging Device (ELD) For Reporting Hours of Service | Electronic Logging Device (ELD) IFTA / IRP Compliant
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Original GPS or other location data for the vehicle to which the records pertain | Required | Required
Frequency of GPS Readings, date & time stamps, and distance recording requirements. | Location readings:
- Every 60 minutes
- Every change of duty status
- Engine on/Off at a precision of one mile when On-Duty and 10 miles when Off-Duty | Date and time of each GPS or other system reading:
At intervals sufficient to validate the total distance traveled in each jurisdiction. This is dependent on the carrier operation and could mean a location reading every 15 minutes or less.
| Required | Required
Location of each GPS or other system reading | Not Required | Required
Calculated distance between each GPS or other system reading | Not Required | Required
Routes of Travel by Unit | Not Required | Required
Beginning and ending reading from the odometer, hubodometer, engine control module, or similar device | Required | Required
Engine Hours | Required | Not Required
Total Trip Distance by Unit | Not Required | Required
Distance By Unit Each 24 Hour Period | Required | Not Required
Distance by Jurisdiction by Unit | Not Required | Required
Unit Number (ID) | Power Unit and Trailer | Power Unit Only
Registrant’s (Company) Name | Required | Required
Driver Name/ID | Required | Not Required

### Carrier Responsibilities
- Retain all data for audit purposes
- 6 months
- IFTA: 4 years – IRP: up to 6.5 years

### Minimum Device Requirements
- Certification that the device meets the requirements.
- Carrier must select self-certified devices from the FMCSA website.
- Carrier responsibility to select a device that meets IFTA/IRP requirements. IFTA/IRP DO NOT certify devices/systems.

### Reporting Requirements
- A monthly summary of the fleet’s operations that includes distance traveled during a quarter, in total, by vehicle, and by jurisdiction
- Not Required. Reporting is by Driver, not unit or fleet
- Must be provided upon due notice
- Differentiated distance recording accuracy between personal vehicle use and commercial use
- Required
- No distinction; all travel must be documented.
- Report driver hours of service violations
- Required
- Not Required

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Resource created by IFTA / IRP Industry Advisory Committee members