HOS Enhancements in Preparation for ELD
Path to ELD

- In order to prepare for ELD you will see enhancements and changes in HOS on the device when it first upgrades to ELD ready firmware.

- This should help you prepare your drivers for these changes.
Enhanced AOBRD changes
Driver Login and Logout

- Driver prompted to select Duty Status upon login and logout
- If a single driver is logged into the system, they must be an ‘active’ driver
- If two drivers are logged into the system, one of them must be the ‘active’ driver
Upgraded Driver Security

Team Drivers

- Co-driver login requires drivers to be identified as active or inactive (primary or secondary)

- Co-driver login requires co-driver (inactive driver) to reenter password to view or edit logs

- Co-driver login does not require primary driver (active driver) to reenter password to access his logs.
Improved Unassigned Driving

Reconciliation of unassigned driving time starts with the driver.

- Reconciliation of UVA will be a major focus going forward
- Next logged-in driver is prompted of Unassigned Driving time
- Driver must accept or reject the unidentified driving time
  - If accepted, driving time is added to driver’s log
  - If rejected, unidentified driving time is reconciled at the host
- If no driver logs into the unit for 8 days after recorded unidentified driving time, the unidentified driving time will be reconcilable at the host
Upgraded Certification

- Tab Title Change to “Certify”
- Certification must be done in 24-hour Increments
- Driver must approve logs daily
- Driver must recertify after edits
Enhanced Load Information

Reducing Form and Manner violations

- Reminders at Log In, first duty status change and Log Out if no load info is on the log
Duty Status Selection Screens

The Change Duty Status screen has changed to make it easier to use. The duty status Driving cannot be manually selected by drivers with new firmware.
Yard Move Configuration

- Can be turned on or off in the website (requires enablement at the company level and on a per driver basis)
- Allows driver to move the vehicle while in On-Duty status
- Must be in a private yard
- Driver must enter a comment
- Ignition off moves driver back to On-Duty
Personal Conveyance

- **No longer named Off-Duty Driving**
- Driver-Initiated
- Driver must enter comment when selected
- Follows host-configured limitations
- Recorded as Off-Duty Driving is recorded today
- Driver is automatically transitioned to On-Duty Driving once host-configured limitation is reached
Day Log Tab

More information displayed on the driver’s log.

- **Driver Mode**
  - Status
  - Start
  - Duration
  - Location
  - Co-Driver
  - Origin
  - Comment

- **Inspector Mode**
  - Time/Origin
  - Event/Event Code
  - Location
  - Accumulated Miles/Odometer
  - Engine Hours
  - Record Status
  - Sequence ID
  - Comment
Carrier- Initiated Driver Log Edits

Does not require driver approval or rejection.

- Carrier can still make changes to driver’s logs
- Host can edit Driving “Segments”
- Edits remain pending until driver has logged in if the fleet has any units running as ELDs
- Driver prompted of changes to his log
Events Timed to Seconds

Now events will be recorded by the second.

- Minimum Duty Status duration still in effect
- No 15-minute increments
- Violations are in seconds
Enhanced Sensor Failure Logic

ELD Mandate requires additional diagnostics and malfunctions reporting.

- Odometer Sensor Failure
- Road Speed Sensor Failure
- Power Compliance Monitoring
- Engine Synchronization Compliance Monitoring
- Timing Compliance Monitoring
- Position Compliance Monitoring
- Data Recording Compliance Monitoring
- GPS Sensor Failure has been removed
Exempt Driver

- Configurable at the host
- Driver notified of exemption status upon login
- Exempt Driver Mode:
  - Records automatic transition to and from a Driving duty status
  - Does not prompt to accept/reject unassigned driving time
  - Does not prompt for missing load information or to certify logs
  - Does not show or enforce rest break rules
Changing to ELD

Enhancements will continue plus a few extra changes that are required.
Personal Conveyance
ELD Mandate continues provision of Personal Conveyance with limitations.

• No longer considered Off-Duty Driving
• Still configurable by the host
• Driver-Initiated and manually terminated
• Driver must enter comment when selected
• Accumulates on Off-Duty line
• **Does not automatically transition driver to Driving Duty Status when customer-defined personal conveyance threshold is met (number of minutes)**
• Driver is alerted that Personal Conveyance threshold established by the customer was exceeded
• Location precision is reduced to 10 miles (16 kilometers)
Driver Log Editor

ELD Mandate requires all drivers to have access to edit their logs.

• Editing feature on unit will be available for all drivers

• Driver is not permitted to shorten Drive time

• Driver is not permitted to change Personal Conveyance or Yard Move to a non-driving activity

• Driver must recertify after edit has occurred
Carrier- Initiated Driver Log Edits

ELD Mandate requires driver approval or rejection

- Carrier can still make changes to driver’s logs
- Edits remain pending until driver has logged in
- Host can lengthen driving time, but cannot shorten it.
- Host is not permitted to change Personal Conveyance or Yard Move to a non-driving activity
- Edits are dependent on driver’s approval
- Driver prompted of changes to his log
- Driver must accept or reject edit
- Driver must enter in reason if rejected
Beginning of Trip and End of Trip

ELD Mandate requires limited automatic duty status changes.

- Automatic Duty Status change to Driving at 5 MPH for Beginning of Trip
  - Driver cannot select a Driving Duty Status

- Driver prompted to select Duty Status after 5 minutes of being in a Driving Duty Status at 0 MPH

- Automatic Duty Status change to On Duty after 1 minute of End of Trip prompt

ELD Only!!
Events Timed to Seconds

ELD Mandate requires events to be recorded by the second.

- All events and duty statuses are recorded in seconds
- Minimum Duty Status duration is no longer in effect
**eRODS File Transfer**

ELD Mandate requires transfer of logs to law enforcement.

- Directions for use are on the updated Driver Card
- eRODS can be transferred via email or Web Services
- File Transfer will indicate a status of the following:
  - Success
  - Failure
  - Pending

**ELD Only!!**
Exempt Driver

• Configurable at the host
• Driver notified of exemption status upon login
• Exempt Driver Mode:
  • Records automatic transition to and from a Driving duty status
  • Does not prompt to accept/reject carrier edits or unassigned driving time
  • Does not prompt for missing load information or to certify logs
  • Does not show or enforce rest break rules
  • Does not show eRODS transfer button
Timing

Omnitracs will work with customers to determine when to upgrade Enhanced AOBRD Firmware

- IVG – Available now
- MCP200 – Available now
- MCP50 - TBD
Links

Will require access to Customer Portal

IVG release notes
MCP200 release notes
ELD Training Website