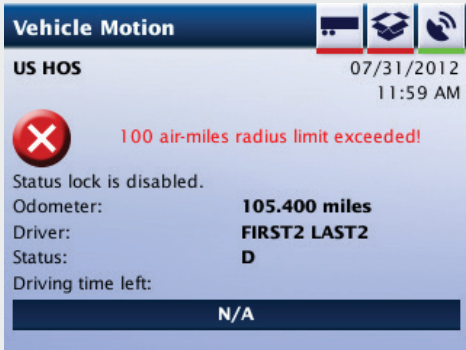
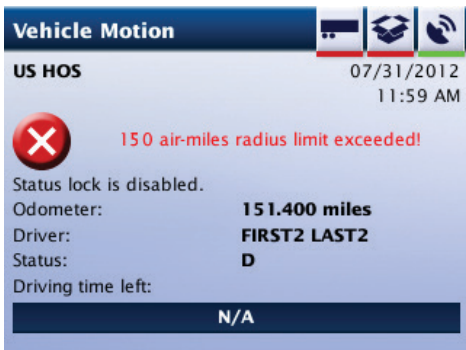
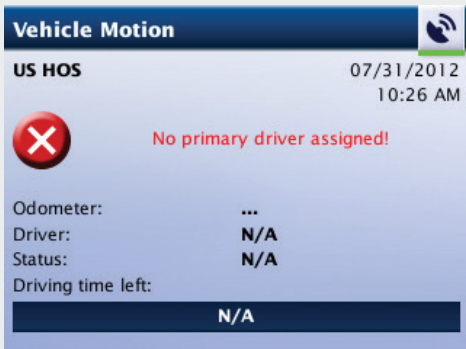
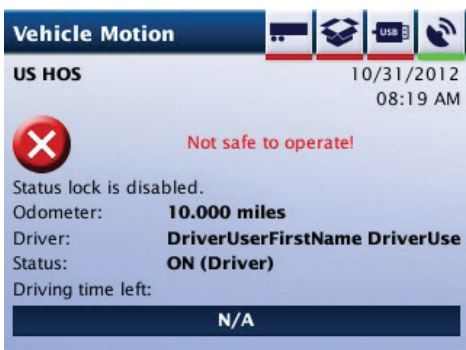
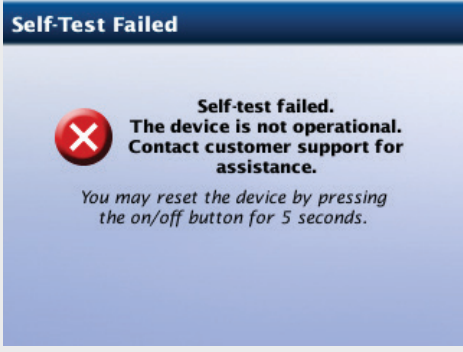
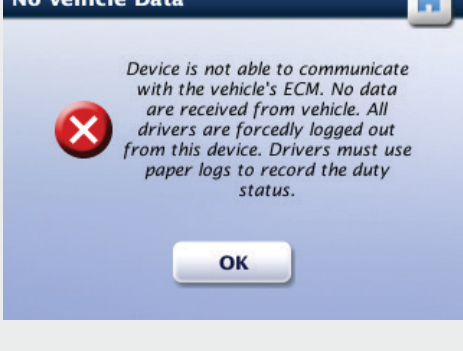
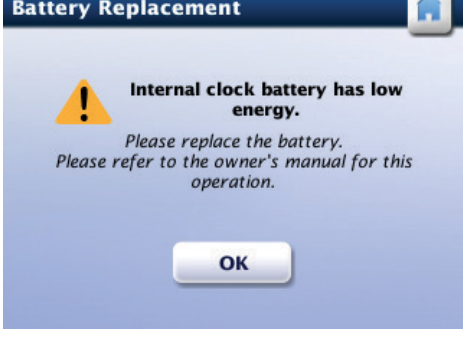
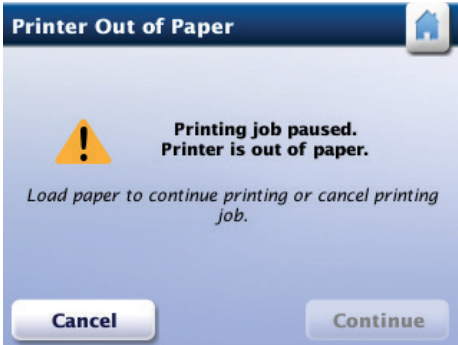


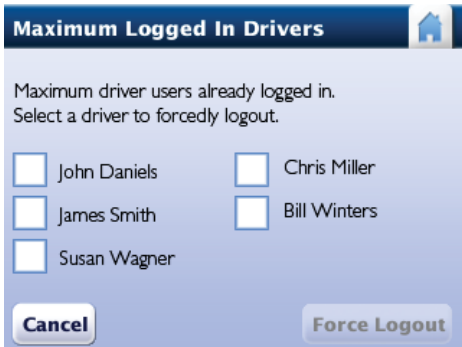
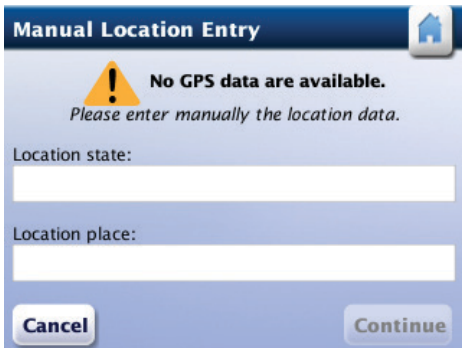
Screen	Meaning	Action required
	The Driver has crossed the border of the 100 air-miles radius zone. The 100 air-miles exemption is no longer active	Stop the vehicle as soon as possible and take the required rest time.
	The Driver has crossed the border of the 150 air-miles radius zone. The 150 air-miles exemption is no longer active	Stop the vehicle as soon as possible and take the required rest time.
	The vehicle is in motion although none of the logged in the Drivers has changed their status to Driver, or the vehicle is in motion and no Drivers are logged into the system.	Stop the vehicle and log in to RoadLog, or stop the vehicle and switch status to Driver.
	RoadLog detects that a pre-trip inspection was not performed on one or more current resources, but the vehicle is in motion, or a pre-trip inspection was performed for all resources, but at least one of those resources indicates that vehicle operation is not safe.	Stop the vehicle and perform the pre-trip inspection on the resource(s) in question.

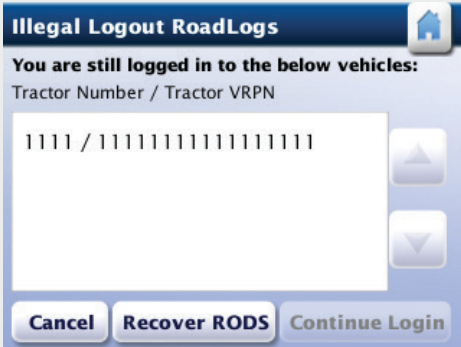
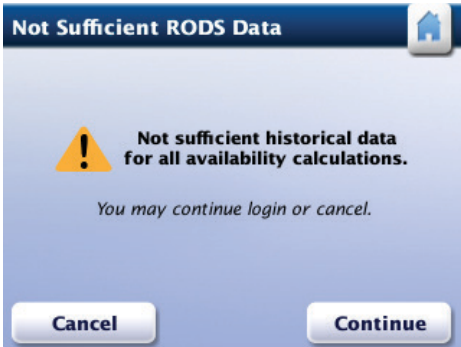
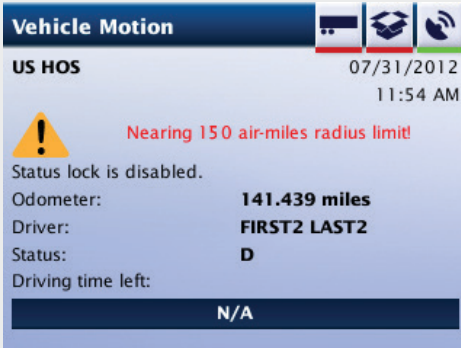
Screen	Meaning	Action required
 Self-Test Failed Self-test failed. The device is not operational. Contact customer support for assistance. <i>You may reset the device by pressing the on/off button for 5 seconds.</i>	The Self-Test Failed screen is displayed.	Press the on/off button to restart the device. If the problem persists, contact Customer Assistance for support. VDO Technical Support: Tel: 855-ROADLOG or 855-762-3564 E-mail: roadlog-support@vdo.com
 USB Short Circuit There is a short circuit at USB connector. <i>Disconnect the device from vehicle connector. Check the USB connector and remove the cause!</i>	The inserted USB device is defective and has caused the RoadLog USB port to short circuit.	Remove the USB device. Press the on/off button to restart the device. If the problem persists, contact Technical Support for assistance. VDO Technical Support: Tel: 855-ROADLOG or 855-762-3564 E-mail: roadlog-support@vdo.com
 No Vehicle Data <i>Device is not able to communicate with the vehicle's ECM. No data are received from vehicle. All drivers are forcedly logged out from this device. Drivers must use paper logs to record the duty status.</i> OK	RoadLog cannot communicate with the vehicle, and therefore HOS calculations cannot be performed.	Until the problem can be resolved, use paper logs to track Duty Status changes and activities.
 Battery Replacement Internal clock battery has low energy. <i>Please replace the battery. Please refer to the owner's manual for this operation.</i> OK	The internal battery has a low energy level.	Replace the battery. See Battery Installation.

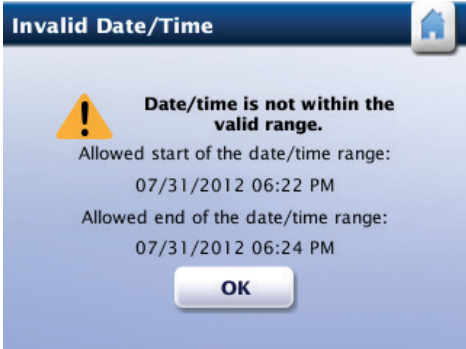
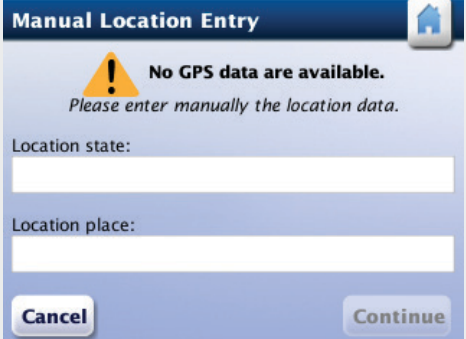
Screen	Meaning	Action required
 Vehicle Motion US HOS 08/09/2012 12:48 PM Please remove the USB device! Status lock is disabled. Odometer: 12.427 miles Driver: Franz Kafka Status: ON (Driver) Driving time left: 11:00	The vehicle started to move and RoadLog detects a USB device connected.	Remove the USB device. CAUTION! Driving with a USB device in the USB port can cause damage to RoadLog and / or the USB device.
 USB Device Plugged In Printing cannot be performed while a USB device is plugged in. <i>Remove the USB device and restart the operation.</i> OK	RoadLog has detected a USB device connected while a printing request was performed.	Remove the USB device and try printing again.
 Printer Error A printer error has occurred. Printing job has been canceled. OK	During the printing process, a printer error was detected.	Try to print again. If the problem persists, contact Customer Support for assistance. VDO Technical Support: Tel: 855-ROADLOG or 855-762-3564 E-mail: roadlog-support@vdo.com

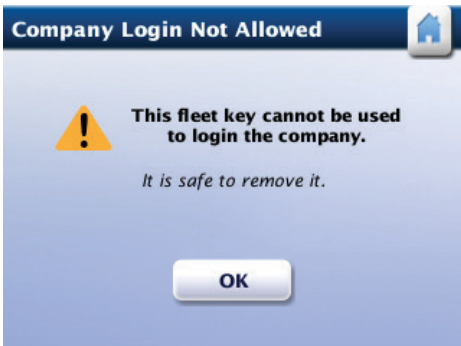
Screen	Meaning	Action required
 Printer Out of Paper Printing job paused. Printer is out of paper. <i>Load paper to continue printing or cancel printing job.</i> Cancel Continue	Printer paper has run out.	Insert a new paper roll and then tap Continue to resume printing. Tap Cancel to abort printing CAUTION! Do not touch printer head while replacing paper. It may be very hot!
 Out of Range Printer Temperature Printer temperature is out of functional range. <i>Wait for printer to cool down to continue or cancel printing job.</i> Cancel	The printer overheated.	Wait for printer to cool down. The printing resumes automatically once the temperature is in the normal range. Tap Cancel if you want to abort the current printing.
 Driver Key Full Driver key memory is full. <i>Select continue to logout without driver key or cancel.</i> Cancel Continue	During Driver log out, RoadLog detects that there is not enough available memory on the Driver Key to download data.	Tap Continue to log out manually. The Driver RODS data will be stored on RoadLog. Tap Cancel to abort the log out. Download data to the Fleet Software as soon as possible to create more available memory on the Driver Key.

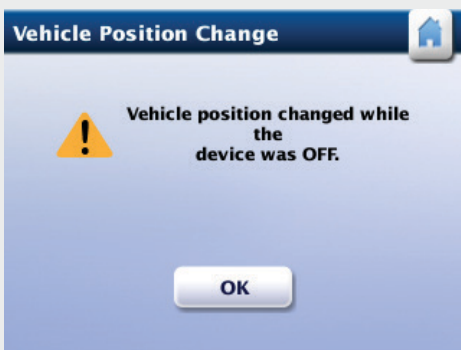
Screen	Meaning	Action required
 Driver Key Error Data transfer error has occurred. Select continue to logout without driver key or cancel. Cancel Continue	A transfer error has been detected during data download to the Driver Key.	Tap <u>Continue</u> to log out manually. The Driver RODS data will be stored in RoadLog. Tap <u>Cancel</u> to abort the log out.
 RODS Conflicts Driver RODS data conflict detected! Device may not be able to calculate driver availability. You may continue login or cancel. Cancel Continue	RoadLog detected data conflicts between RODS data on Driver Key and the RODS data in RoadLog device. Due to this conflict, merging the two sets of RODS data is not possible. As a result, RoadLog may not have enough data to calculate your HOS availability.	Tap <u>Continue</u> to continue log in. OR Tap <u>Cancel</u> to abort log in. OR Fix the conflicting RODS data using the RoadLog Fleet Software.
 RODS Conflicts Driver RODS data conflict detected! Device may not be able to calculate driver availability. You may continue login or cancel. Cancel Continue	Conflicting RODS data has been downloaded to the Driver Key.	Fix the conflicting RODS data using the RoadLog Fleet Software.

Screen	Meaning	Action required
 Maximum Logged In Drivers Maximum driver users already logged in. Select a driver to forcedly logout. ☐ John Daniels ☐ Chris Miller ☐ James Smith ☐ Bill Winters ☐ Susan Wagner Cancel Force Logout	The maximum number of Drivers (five) are already logged into this RoadLog device.	Select a Driver from the list and tap <u>Force Logout</u> to log that Driver out. Tap <u>Cancel</u> if you don't want to continue logging in.
 Force Personal Use Driver Logout Driver Jude Law is already logged in with Personal Use status. Cancel Force Logout	There is another Driver logged into RoadLog under Personal Use status.	Tap <u>Cancel</u> if you want to cancel your log in. Select <u>Force Logout</u> to log out the Driver logged in under Personal Use status and continue your log in.
 Manual Location Entry  No GPS data are available. <i>Please enter manually the location data.</i> Location state: Location place: Cancel Continue	GPS signal is unavailable. The automatic localization feature does not work.	Enter your location state and place manually.

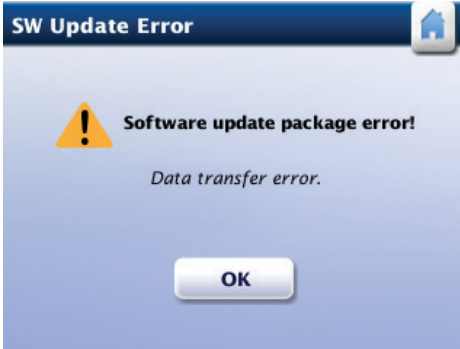
Screen	Meaning	Action required
	You performed an improper log out from the listed Vehicles. The RODS data found on Driver Key might be incomplete due to the improper log out.	Tap <u>Continue Login</u> to continue logging in. The RoadLog calculations may be incorrect due to the missing RODS data. Go to the listed vehicles and recover your RODS data by inserting your Driver Key and tap <u>Recover RODS</u>. Tap Cancel to abort the log in.
	There is insufficient historical data for RODS availability calculation. If you get this message while logging in with a Driver Key, it means the RODS data found on your Key merged with the RODS data found in RoadLog, and RoadLog does not have the complete duty status history for the last 15 days. If you get this message while logging in manually, it means that your RODS data found on this RoadLog does not have the complete duty status history for the last 15 days.	You may cancel log in and then use the RoadLog Fleet Software to reconstruct the missing parts of your RODS history on the Driver Key. You may continue the log in but RoadLog will not be able to accurately warn you when you are about to break HOS regulations.
	Vehicle is in motion and you are approaching the limit of the 150 air-miles radius zone.	If you go beyond this limit, the 150 air-miles exemption will automatically be disabled

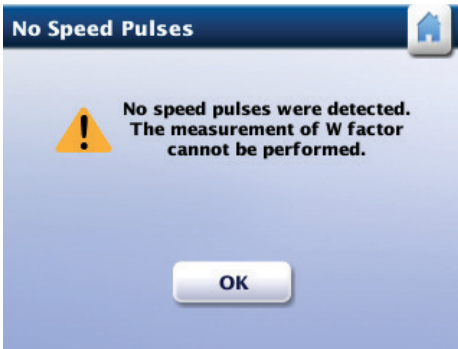
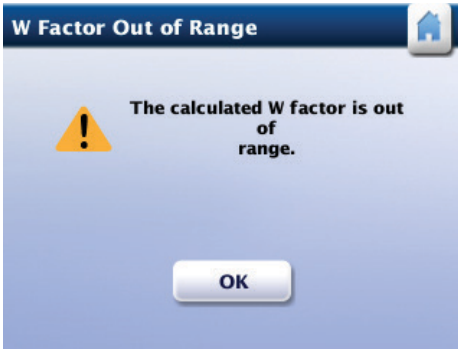
Screen	Meaning	Action required
 Invalid Date/Time ! Date/time is not within the valid range. Allowed start of the date/time range: 07/31/2012 06:22 PM Allowed end of the date/time range: 07/31/2012 06:24 PM OK	The entered date and time for a pre-trip or post-trip activity is invalid, meaning it overlaps with an already recorded log session.	Tap OK and then type in a valid date for the activity you want to add. To view the available time frames for extending your on duty time, check your logs. See View Logs (Details).
 Invalid Driver Key ! The inserted USB flash drive is not a valid driver key. <i>You may use it as a regular USB flash drive.</i> OK	The inserted USB device is not a valid Driver Key. Even though the USB is not a valid Driver Key it can still be used for performing roadside inspections or for downloading the device related files.	Tap OK to continue.
 Invalid Fleet Key ! The inserted fleet key is not valid. <i>It is safe to remove it.</i> OK	The inserted USB device is not a valid Fleet Key. Configuration cannot continue without having a valid Fleet key inserted in RoadLog. The tractor list may not contain the tractor created with the serial number of the RoadLog unit in this vehicle	Remove the USB device and insert a valid Fleet Key.
 Manual Location Entry ! No GPS data are available. <i>Please enter manually the location data.</i> Location state: Location place: Cancel Continue	None of the downloadable files were selected and the Download button was tapped.	Select at least one file from the list before continuing to download.

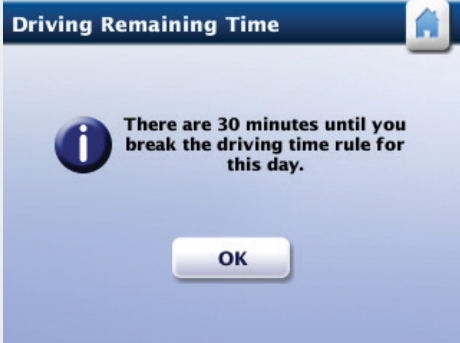
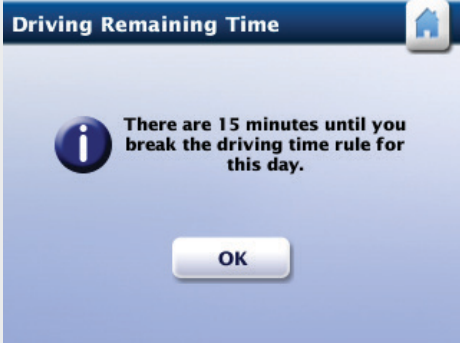
Screen	Meaning	Action required
 The screen displays a blue header with 'Data Transfer Failure' and a home icon. Below is a yellow warning triangle with an exclamation mark. The text reads: 'Data transfer failed.' followed by 'It is safe to remove the USB key.' and an 'OK' button at the bottom.	Data download onto the USB key failed.	Retry data download.
 The screen displays a blue header with 'USB Key Full' and a home icon. Below is a yellow warning triangle with an exclamation mark. The text reads: 'USB key memory is full. Data transfer is not possible.' followed by 'It is safe to remove the USB key.' and an 'OK' button at the bottom.	The USB key memory is full.	Free up some memory from the USB key by downloading to the Fleet Software, and then retry the current function.
 The screen displays a blue header with 'Company Login Not Allowed' and a home icon. Below is a yellow warning triangle with an exclamation mark. The text reads: 'This fleet key cannot be used to login the company.' followed by 'It is safe to remove it.' and an 'OK' button at the bottom.	An invalid Fleet Key was inserted into the RoadLog connector.	Remove the USB key and insert a valid Fleet Key to continue.

Screen	Meaning	Action required
 Unknown USB Device Inserted USB device is unknown. <i>It is safe to remove it.</i> OK	The inserted USB device is not recognized by RoadLog.	Remove the USB device and insert a valid RoadLog USB Driver or Fleet Key.
 Driver Login Not Allowed Entered ID is not found in the drivers list. Login is not possible. OK	The entered Driver Identification is not found in RoadLog memory. You are not able to log in to this RoadLog.	Acknowledge the message and log in with valid Driver ID. Driver IDs are established in the Fleet Software.
 Vehicle Position Change Vehicle position changed while the device was OFF. OK	During system startup, RoadLog detects that the current vehicle position is not the same position recorded when the device was switched off.	Acknowledge the message. A record of the location conflict is stored in the RoadLog data.

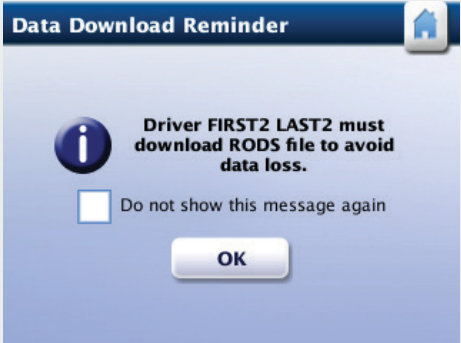
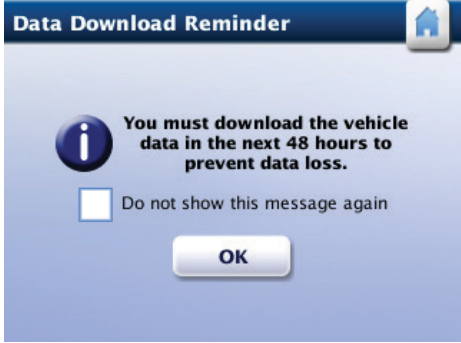
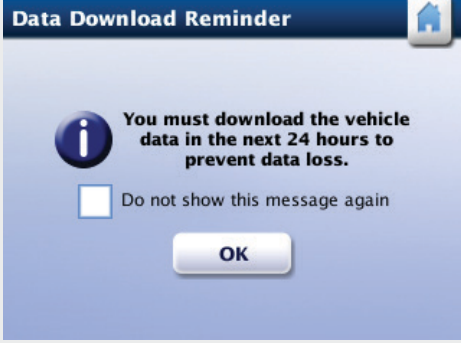
Screen	Meaning	Action required
	Driver Key memory is full. No data download can be performed on this Key.	Free up some memory from the USB key by downloading to the Fleet Software, and retry download.
	Driver Key memory is full. The available recorded RODS cannot be downloaded on the Driver Key.	Tap <u>Continue</u> to continue to perform a manual log out. Your RODS history will be stored in RoadLog. Tap <u>Cancel</u> to abort the log out. Free up some memory from the USB key by downloading to the Fleet Software, and then try to log out again.
	Data transfer error occurred while transferring the Driver RODS file on the Driver Key.	Tap <u>Continue</u> to log out manually. Your RODS history will be stored in RoadLog (if there is sufficient internal memory available). Tap <u>Cancel</u> to abort the log out. Try to log out again.

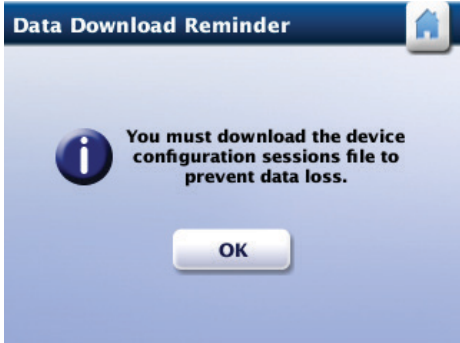
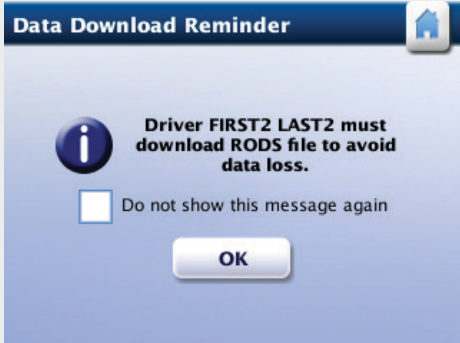
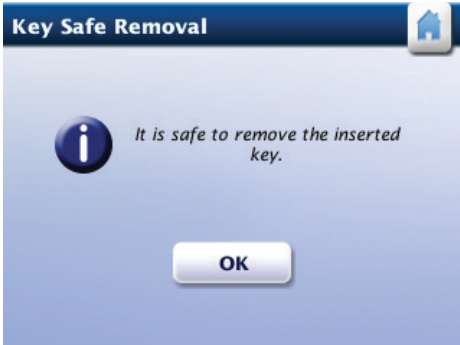
Screen	Meaning	Action required
 Driver Key Error Data transfer error has occurred. <i>Select continue to logout without driver key or cancel.</i> Cancel Continue	A data transfer error occurred while performing the download to Driver Key.	Remove the Driver Key, and then reinsert Driver Key and retry download.
 SW Update Error Software update package error! <i>Data transfer error.</i> OK	During a software update, an error was detected.	Acknowledge the message. Try to install again. See Software Updates.
 Configuration Data Not Available Configuration data is not available on the fleet key. OK	The user attempts to perform an automatic configuration, but the Company Trailer List file is either damaged or cannot be found on the Fleet Key. Automatic configuration cannot be performed.	Acknowledge the message. Then, use the RoadLog Fleet Software to create or fix the Company Tractor List File on the Fleet Key. When complete, re-attempt automatic configuration.

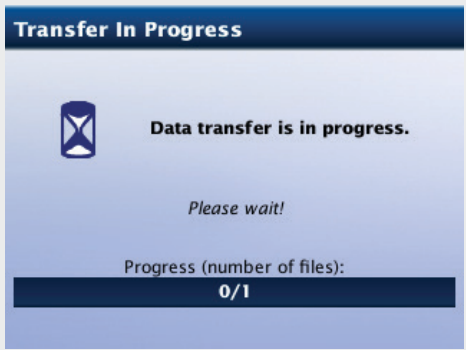
Screen	Meaning	Action required
 No Speed Pulses No speed pulses were detected. The measurement of W factor cannot be performed. OK	RoadLog detects no speed pulses; therefore it cannot calculate the W factor.	Acknowledge the message. The connection between RoadLog and the Vehicle will need to be checked.
 No Communication Established No Communication Established! OK	RoadLog does not detect the relevant messages for the chosen synchronization interface. The wrong interface may have been selected.	Check which synchronization interface RoadLog is physically connected to in the Vehicle and then try to re-synchronize. Try changing the synchronization type between J1708 and J1939 or vice versa
 W Factor Out of Range The calculated W factor is out of range. OK	The calculated value of the W factor is beyond the valid range. W Factor value must have a value of between 2,400 and 25,000 pulses per kilometer.	Re-enter the measurement with a valid value.

Screen	Meaning	Action required
	In 30 minutes, the On Duty time rule will be broken.	Stop the vehicle in 30 minutes or less and take the required rest time.
	In 30 minutes, the On Duty time rule for this week will be broken.	Stop the vehicle in 30 minutes or less and take the required rest time.
	In 15 minutes the On Duty time rule for this day will be broken.	Stop the vehicle in 15 minutes or less and take the required rest time.

Screen	Meaning	Action required
 On-Duty Remaining Time There are 15 minutes until you break the off-duty time rule for this week. OK	In 15 minutes the On Duty time rule for this week will be broken.	Stop the vehicle in 15 minutes or less and take the required rest time.
 Identical Drivers List The drivers list contains identical drivers and cannot be uploaded. OK	The Driver list from Company Support Data File contained on the Fleet Key has two or more identical sets of Driver data. In this case, the Driver list cannot be uploaded into RoadLog. Manual Driver log in for this RoadLog is not possible unless the Driver who wants to log in manually was previously logged in to this RoadLog unit using his or her Driver Key.	Use the RoadLog Fleet Software to remove the duplicate Driver from Company Support Data File.
 Requested Data Unavailable The requested data is not available on the fleet key. OK	Company Support Data File is not found on the Fleet Key.	Use the RoadLog Fleet software to create the missing file on the Fleet Key.

Screen	Meaning	Action required
	RoadLog has no more memory available to record the vehicle activities, data and DVIR data.	Download Company Vehicle Activities Data File and Company Vehicle DVIR Data File as soon as possible to avoid overwriting recorded activities.
	Company Vehicle Activities Data File or Company Vehicle DVIR Data File was not downloaded for more than 28 days.	Download Company Vehicle Activities Data File and Company Vehicle DVIR Data File in the next 48 hours to avoid overwriting recorded activities.
	Company Vehicle Activities Data File or Vehicle DVIR Data File has not been downloaded in 29 days In 24 hours, existing vehicle activities data will be overwritten if no download is performed.	Download Company Vehicle Activities Data File and Company Vehicle DVIR Data File in the next 24 hours to avoid overwriting recorded activities.

Screen	Meaning	Action required
 The screen displays a blue header with the text 'Data Download Reminder' and a home icon. Below the header is a blue box with a white information icon (i) and the text 'You must download the device configuration sessions file to prevent data loss.' At the bottom is a white button with the text 'OK'.	The maximum number of configuration sessions (100) were recorded in RoadLog memory.	Download Company Configuration Session File in order to perform the next configuration.
 The screen displays a blue header with the text 'Data Download Reminder' and a home icon. Below the header is a blue box with a white information icon (i) and the text 'Driver FIRST2 LAST2 must download RODS file to avoid data loss.' Below this text is a checkbox with the text 'Do not show this message again' and a white button with the text 'OK'.	There is no more memory available in RoadLog's internal memory to record this Driver's activities.	Download Driver RODS binary data file as soon as possible.
 The screen displays a blue header with the text 'Key Safe Removal' and a home icon. Below the header is a blue box with a white information icon (i) and the text 'It is safe to remove the inserted key.' At the bottom is a white button with the text 'OK'.	It is safe to remove the inserted USB device.	Acknowledge the message. Remove the USB drive from the USB port.

Screen	Meaning	Action required
 Software Update A software update package is available for installation on this device. Do not remove the device supply during software installation! Time remaining to finish the installation: 3 min. Cancel Install	The inserted Key contains a Software update package.	Tap Install to update RoadLog Software. See Software Updates. Tap Cancel if you don't want to perform the software update.
 Insert USB Flash Drive Insert the USB flash drive to transfer logbook data Back	RoadLog detects there is no USB flash drive inserted in the USB connector.	Insert a USB flash drive into the connector.
 Transfer In Progress Data transfer is in progress. <i>Please wait!</i> Progress (number of files): 0/1	Data transfer is in progress.	CAUTION! Do not remove the inserted USB flash drive until you are prompted to do so. Removal of the USB flash drive during data transfer might result in data loss.

17. RoadLog Files

Data exchange between RoadLog and the Fleet Software is achieved through transfers using the Fleet Key, Driver Key or USB flash drive. Data exchanges involve uploading and downloading several different types of files, each type of file having its own purpose.

There are three types of files:

- Files related to the Company
- Files related to Driver use
- Files related to the RoadLog EOBR device

Company-Related Files (Fleet Management Software Files)

Company Files are files that are either used by RoadLog during company log in sessions or that contain data recorded by RoadLog during company log in.

COMPANY IDENTIFICATION FILE

The Company Identification File contains the company configuration data.

- The file is created during company registration and first set up.
- The file is uploaded in RoadLog memory during company log in.
- The file can be downloaded only on Fleet Keys belonging to the logged in company

The Company Identification File contains:

- Company identification.
- Company address.
- Time zone of the company's home terminal.

The Company Identification File name structure is:

- When created by the RoadLog: Carrier_ CompanyID_ CID
- When created by RoadLogFleet: Carrier_ CompanyID_ yymmddhhmmss.CID
- CompanyID: the USDOT number.
- yymmddhhmmss: the time the file is created.

COMPANY TRACTOR LIST FILE

The Company Tractor List File contains the list of RoadLog devices (up to 100) installed on the fleet's vehicles. The file is created by the RoadLog Fleet Software during company registration and first set up. The file can be updated by the RoadLog with the latest configuration upon the user's request.

The Company Tractor List File includes:

- Company identification.
- A list of the company's tractors.
- Configuration parameters for each of the tractors.
- The last DVIR record for each of the tractors.

The Company Tractor List File name structure is:

- When created by RoadLog: Carrier_ CompanyID_ TractorList.CTL
- When created by the RoadLog Fleet Software: Carrier_ CompanyID_ TractorList_ yymmddhhmmss.CTL
- CompanyID: the USDOT number.
- yymmddhhmmss is the time when the file is created.

COMPANY SUPPORT DATA FILE

The Company Support Data File contains data used by RoadLog during company log in. The file is created by the RoadLog Fleet Software during company registration and first set up. The file is uploaded in RoadLog memory during company log in. The file is updated by RoadLog whenever a user requests its download.

The file can be downloaded only on the Fleet Key belonging to the logged in company. **The Company Support Data File includes:**

- List of the Driver/Users permitted to log in manually.
- List of predefined company trailers along with their latest DVIR report.
- List of predefined company annotations.
- List of predefined Supporting Documents activities.
- List of company Shipment Documents.

The Company Support Data File name structure is:

- When created by the RoadLog: Carrier_ CompanyID_ SupportData.CSD
- When created by RoadLogFleet: Carrier_ CompanyID_ SupportData_ yymmddhhmmss.CSD
- CompanyID: the USDOT number.
- yymmddhhmmss : time the file is created.

COMPANY VEHICLE ACTIVITIES DATA FILE

The Company Vehicle Activities Data File contains data recorded by RoadLog during company log sessions. The file is downloaded automatically onto the Driver Key upon Driver log out. The file is created by RoadLog whenever a user requests its download onto a Driver Key or Fleet Key

Company Vehicle Activities Data File includes:

- Vehicle reports recorded over the previous 30 days.

The Company Vehicle Activities Data File name structure is:

- Only created by the RoadLog: Carrier_ CompanyID_ TractorNumber_ yymmddhhmmss.CVD
- CompanyID: the USDOT number.
- Yymmddhhmmss: time the file is created.

COMPANY VEHICLE DVIR DATA FILE

The Company Vehicle DVIR Data file contains DVIR data reports recorded by RoadLog during company log sessions for the last 30 days. The file is created by RoadLog whenever a user requests its download on a Driver Key or Fleet Key belonging to the logged in company.