

# Driver Record Event Codes

Link: <https://help.gpsinsight.com/docs/driver-record-event-codes/> Last Updated: January 11th, 2023

When reviewing the Driver Records report in ELD Complete, certain columns contain specific codes directly relating to the **FMCSA's Final Rule**.

Driver Records Manage / Driver Records

Carrier: GPS Insight Drivers: Rhoades, Kirk (11177) Start-End Date: 12/16/2022 - 12/17/2022 Event Status: All Statuses

Event Origin: All Origins Event Type: All Event Types Event Code: All Event Codes Execute

ELD	App Version	Timestamp (CST)	Driver	CoDriver	Tactor Number	Engine Hours	Odometer (Miles)	New Status	Location	Latitude	Longitude	Event Status	Event Origin	Event Type	Event Code	Verified Timestamp (CST)	DM Code
abcfr1bu9lec4f	222	12/17/2022 20:53:57	11177		8496-02	524	22015	LOGOUT				1	2	5	2		
abcfr1bu9lec4f	222	12/17/2022 20:53:02	11177		8496-02	0	0	CBRT				1	2	4	1	12/17/2022 00:00:00	
abcfr1bu9lec4f	222	12/17/2022 20:53:07	11177		8496-02	524	22015	OFF	Fort Worth, Texas	32.82	-97.3	1	2	1	1	12/17/2022 20:53:32	
abcfr1bu9lec4f	222	12/17/2022 20:52:51	11177		8496-02	524	22015	ON	Fort Worth, Texas	32.82	-97.3	1	2	1	4	12/17/2022 20:53:32	
abcfr1bu9lec4f	222	12/17/2022 20:52:51	11177		8496-02	524	22015	DIAG				1	1	7	4		2
abcfr1bu9lec4f	222	12/17/2022 20:52:25	11177		8496-02	0	0	MOV	Fort Worth, Texas	32.82	-97.3	1	1	2	1		
abcfr1bu9lec4f	222	12/17/2022 20:52:25	11177		8496-02	0	0	DIAG				1	1	7	3		2
abcfr1bu9lec4f	222	12/17/2022 19:52:14	11177		8496-02	523	21966	D	Dallas, Texas	33.01	-96.84	1	1	1	3	12/17/2022 20:53:32	
abcfr1bu9lec4f	222	12/17/2022 19:51:24	11177		8496-02	523	21966	IGN_ON	Dallas, Texas	33.01	-96.84	1	1	6	1		
abcfr1bu9lec4f	222	12/17/2022 18:18:17	11177		8496-02	523	21966	IGN_OFF	Dallas, Texas	33.01	-96.84	1	1	6	3		
abcfr1bu9lec4f	222	12/17/2022 18:18:09	11177		8496-02	523	21966	ON	Dallas, Texas	33.01	-96.84	1	1	1	4	12/17/2022 20:53:32	
abcfr1bu9lec4f	222	12/17/2022 17:57:12	11177		8496-02	523	21961	D	Dallas, Texas	33.01	-96.84	1	1	1	3	12/17/2022 20:53:32	
abcfr1bu9lec4f	222	12/17/2022 17:54:18	11177		8496-02	523	21961	IGN_ON	Dallas, Texas	33.01	-96.84	1	1	6	1		
abcfr1bu9lec4f	222	12/17/2022 16:06:56	11177		8496-02	523	21961	IGN_OFF	Dallas, Texas	33.01	-96.84	1	1	6	3		
abcfr1bu9lec4f	222	12/17/2022 16:06:50	11177		8496-02	523	21961	ON	Dallas, Texas	33.01	-96.84	1	1	1	4	12/17/2022 20:53:32	
abcfr1bu9lec4f	222	12/17/2022 15:41:37	11177		8496-02	522	21940	IGN_ON	Southlake, Texas	32.84	-97.11	1	1	6	1		
abcfr1bu9lec4f	222	12/17/2022 15:39:11	11177		8496-02	522	21940	IGN_OFF	Southlake, Texas	32.84	-97.11	1	1	6	3		
abcfr1bu9lec4f	222	12/17/2022 15:13:46	11177		8496-02	522	21928	D	Fort Worth, Texas	32.82	-97.3	1	1	1	3	12/17/2022 20:53:32	
abcfr1bu9lec4f	222	12/17/2022 15:12:32	11177		8496-02	522	21928	ON	Fort Worth, Texas	32.82	-97.3	1	2	1	4	12/17/2022 20:53:32	
abcfr1bu9lec4f	222	12/17/2022 15:11:59	11177		8496-02	522	21928	LOG_IN				1	2	5	1		

To make it easier to decipher these events, please refer to the charts below for what each code value represents.

## Event Record Status Codes

Code	Description
1	Active
2	Inactive - Changed
3	Inactive - Change Requested
4	Inactive - Change Rejected

## Event Record Origin Codes

Code	Description
1	Automatically recorded by ELD
2	Edited or entered by the driver
3	Edit requested by an authenticated user other than the driver

Code	Description
4	Assumed from unidentified driver profile

## Event Type Parameter Codes

Type	Code	Description
1	1	Driver's duty status changed to "off-duty"
1	2	Driver's duty status changed to "sleeper-berth"
1	3	Driver's duty status changed to "driving"
1	4	Driver's duty status changed to "on-duty not driving"
2	1	Intermediate log with conventional location precision
2	2	Intermediate log with reduced location precision
3	1	Driver indicates "authorized personal use of CMV"
3	2	Driver indicates "yard moves"
3	0	Driver indication for PC, YM, and WT cleared
4	1	Driver's first certification of a daily record
4	n	Driver's n'th certification of a daily record (when recertification is necessary) <b>Note.</b> "n" is an integer between 1 and 9. If more than 9 certifications is needed, use 9 for each new re-certification record.
5	1	Authenticated driver's ELD login activity
5	2	Authenticated driver's ELD logout activity
6	1	Engine power-up with conventional location precision
6	2	Engine power-up with reduced location precision
6	3	Engine shut-down with conventional location precision
6	4	Engine shut-down with reduced location precision
7	1	An ELD malfunction logged

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Type	Code	Description
7	2	An ELD malfunction cleared
7	3	A data diagnostic event logged
7	4	A data diagnostic event cleared

## Malfunction/Diagnostic Codes

Code	Description
P	Power Compliance malfunction
E	Engine synchronization compliance malfunction
T	Timing compliance malfunction
L	Positioning compliance malfunction
R	Data recording compliance malfunction
S	Data transfer compliance malfunction
O	Other ELD detected malfunction
1	Power data diagnostic event
2	Engine synchronization data diagnostic event
3	Missing required data elements data diagnostic event
4	Data transfer data diagnostic event
5	unidentified driving records data diagnostic event
6	Other ELD identified diagnostic event