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Field ID	Field	Group	Subgroup of	Description
1	BD_ID	boxdata		Legacy: set only by euroleasing (String: eventId of euroleasing record), and trailerinfo (Integer: incident_data.iid) gateway. Never used in core.
2	BD_TIME	boxdata		Timestamp when the data has been measured.
3	BD_TIME_RECEIVED	boxdata		Timestamp when the data was imported by the importer.
4	BD_BOX_ID	boxdata		Identifies the box, this data belongs to. Value is the box identifier (ObjectId).
5	BD_BOX_TYPE	boxdata		Type of the box, well rather the identification of the gateway, that receives data from the box.
6	BD_GPS_LATITUDE	gps	boxdata	Latitude value of the position of the box. Positive is north.
7	BD_GPS_LONGITUDE	gps	boxdata	Longitude value of the position of the box. Positive is east.
8	BD_GPS_LOCATION	gps	boxdata	Textual representation of the location. Reverse-geocoded position.
9	BD_GPS_DIRECTION	gps	boxdata	Direction the position of the box translates to. Degrees clockwise from true north.
10	BD_GPS_DISTANCE	gps	boxdata	Air-line distance to the last GPS datum in kilometers.
11	BD_GPS_SPEED	gps	boxdata	Current speed the box translates with at time of measurement in kilometers per hour.
12	BD_GPS_HEADING	gps	boxdata	Heading of the object the box is mounted in. Degrees clockwise from true north. You get this from a compass, and may differ from BD_GPS_DIRECTION e.g. if a trailer is moved on a ferry boat. Set only by euroleasing and novacom.
13	BD_GPS_TIME	gps	boxdata	Timestamp of the GPS data.
14	BD_MILEAGE	boxdata		Continuously upcounting mileage value in kilometers. Set only by euroleasing gateway.
16	BD_MAX_VOLTAGE	boxdata		Highest voltage of BD_EXTERNAL_BATTERY_VOLTAGE, BD_REEFER_BATTERY_VOLTAGE, BD_REEFER_BATTERY_VOLTAGE_2, BD_EBS_POWER_SUPPLY_VOLTAGE, BD_UNKNOWN_VOLTAGE, and BD_INTERNAL_BATTERY_VOLTAGE
18	BD_TEMP1	reefer	boxdata	Temperature from first recorder.
19	BD_TEMP2	reefer	boxdata	Temperature from first recorder.
20	BD_TEMP3	reefer	boxdata	Temperature from first recorder.
21	BD_TEMP4	reefer	boxdata	Temperature from first recorder.
22	BD_TEMP5	reefer	boxdata	Temperature from first recorder.
23	BD_TEMP6	reefer	boxdata	Temperature from first recorder.
24	BD_TEMP_TIME	reefer	boxdata	Timestamp of the BD_TEMP1 to BD_TEMP6 values. Only set by cargobull, euroleasing, euroscan-legacy, and rcom.
25	BD_REEFER_TIME	reefer	boxdata	Timestamp of the reefer data. (Cargobull Push only) Deprecated
26	BD_REEFER_COOLANT_OK	reefer	boxdata	Coolant level, true means coolant level was OK. (Cargobull Push only) Deprecated
27	BD_REEFER_ON	reefer	boxdata	Whether the reefer is on.
28	BD_REEFER_DIESEL_OK	reefer	boxdata	Value only set by cargobull. Deprecated
29	BD_REEFER_ELECTRIC_MODE	reefer	boxdata	Value only set by cargobull.
30	BD_REEFER_START_STOP_MODE	reefer	boxdata	Value only set by cargobull. Deprecated
31	BD_REEFER_DEFROST_ON	reefer	boxdata	One-shot event indicating that the first zone on the first reefer is defrosting. Deprecated
32	BD_REEFER_SERVICE_NECESSARY	reefer	boxdata	(Cargobull Push only)
33	BD_REEFER_SERVICE_OVERDUE	reefer	boxdata	(Cargobull Push only)
34	BD_REEFER_SHUTDOWN_ALARM	reefer	boxdata	(Cargobull Push only)
35	BD_REEFER_WARNING	reefer	boxdata	Warning from the first reefer. Set by dt-udp, and telic. Interpreted by the alarm service.
36	BD_REEFER_ERROR_CODE	reefer	boxdata	Error code or codes from the reefer.
37	BD_REEFER_SETPOINT_1	reefer	boxdata	Setpoint for the first zone on reefer one.
38	BD_REEFER_SETPOINT_2	reefer	boxdata	Setpoint for the second zone on reefer one.
39	BD_REEFER_SETPOINT_3	reefer	boxdata	Setpoint for the third zone on reefer one.
42	BD_REEFER_BATTERY_VOLTAGE	reefer	boxdata	Voltage at the first reefer engine.
44	BD_REEFER_OPERATING_MODE	reefer	boxdata	Operating mode of first reefer.
45	BD_REEFER_OPERATING_HOURS	reefer	boxdata	Operating hours of first reefer.
46	BD_REEFER_RETURN_AIR	reefer	boxdata	First return air temperature from first zone on first reefer.
47	BD_REEFER_SUPPLY_AIR	reefer	boxdata	First supply air temperature to first zone on first reefer.
48	BD_REEFER_DEFROST_ON_2	reefer	boxdata	One-shot event indicating that the second zone on the first reefer is defrosting. Deprecated
49	BD_REEFER_DEFROST_ON_3	reefer	boxdata	One-shot event indicating that the third zone on the first reefer is defrosting. Deprecated
53	BD_EBS_NUMBER_OF_BRAKE_EVENTS	ebs	boxdata	The number of normal brake events.
60	BD_VEHICLESTATUS_CURRENT_FUEL_CONSUMPTION	boxdata		The current fuel consumption in ml. This field is only set by euroleasing.
66	BD_COUPLED	boxdata		Whether the trailer a box is mounted in, is coupled to a vehicle.
67	BD_POWERSUPPLY_IGNITION	boxdata		Whether the ignition of a vehicle is on.
68	BD_DOOR_OPEN	door	boxdata	Door-open state of first door.
69	BD_POWERSUPPLY_VOLTAGE	boxdata		Powersupply voltage, only set by cargobull, and webeye.
72	BD_OBJECT_VEHICLE	boxdata		Wrapper to pass the vehicle map from a gateway to the importer inside the map containing the new box datum.
73	VH_ID	vehicle	boxdata	Identification of a box. Only unique within boxes of the same BD_BOX_TYPE.
75	VH_LICENSE	vehicle	boxdata	License plate number of a vehicle the box is mounted in.
79	VH_CHASSIS	vehicle	boxdata	Only set by the euroleasing, and fleetboard gateway.
81	VH_INTERNAL_NUMBER	vehicle	boxdata	Something like a serial number of a box. Often an additional number, if another serial number is already used for VH_ID.
83	BD_TEMP7	reefer	boxdata	Temperature from second recorder.
84	BD_TEMP8	reefer	boxdata	Temperature from second recorder.
85	BD_TEMP9	reefer	boxdata	Temperature from second recorder.
86	BD_TEMP10	reefer	boxdata	Temperature from second recorder.
87	BD_TEMP11	reefer	boxdata	Temperature from second recorder.
88	BD_TEMP12	reefer	boxdata	Temperature from second recorder.
89	BD_TEMP13	reefer	boxdata	Temperature from third recorder.
90	BD_TEMP14	reefer	boxdata	Temperature from third recorder.
91	BD_TEMP15	reefer	boxdata	Temperature from third recorder.
92	BD_TEMP16	reefer	boxdata	Temperature from third recorder.
93	BD_TEMP17	reefer	boxdata	Temperature from third recorder.
94	BD_TEMP18	reefer	boxdata	Temperature from third recorder.
95	BD_REEFER_POWER_TYPE	reefer	boxdata	The power type of the reefer. The Map will contain key's like '1' (first reefer), '2' and int values representing the powertype enum ordinal. See PowerType enum.
96	BD_REEFER_OPERATING_TYPE	reefer	boxdata	Operating type of the first reefer. Use BD_REEFER_POWER_TYPE and BD_REEFER_OPERATION_TYPE instead. Deprecated
97	BD_REEFER_OPERATION_TYPE	reefer	boxdata	The operation type of the reefer. The Map will contain key's like '1' (first reefer), '2' and int values representing the operation type enum ordinal. See OperationType enum.
99	BD_ALARMS	boxdata		The IDs of the portals in which this record caused an alarm.
100	BD_DURATION_DOOR	door	boxdata	Since when is the door open. Timestamp of the first record, where the door was open.
101	BD_DURATION_DRIVING	boxdata		Since when is the box moving with a GPS speed of more than 5 km/h. Timestamp of the first record.
102	BD_DURATION_COOLING	boxdata		Since when is the reefer on. Timestamp of the first record.
103	BD_GPS_SATELLITES	gps	boxdata	Number of received satellites.
104	BD_DRIVER_ID	boxdata		Only set by the boxtracker, and fleetboard gateway.

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Field ID	Field	Group	Subgroup of	Description
105	BD_REEFER_FUEL	reefer	boxdata	Percentage of fuel left in the reservoir. First recorder.
106	BD_REEFER_ZONES	reefer	boxdata	Number of (active?) zones on first recorder.
107	BD_REEFER_ERROR_CODE_2	reefer	boxdata	Error code(s) for second zone on first recorder.
108	BD_REEFER_RETURN_AIR_2	reefer	boxdata	Second return air temperature of first zone on first recorder.
109	BD_REEFER_RETURN_AIR_3	reefer	boxdata	First return air temperature of second zone on first recorder.
110	BD_REEFER_RETURN_AIR_4	reefer	boxdata	Second return air temperature of second zone on first recorder.
111	BD_REEFER_SUPPLY_AIR_2	reefer	boxdata	Second supply air temperature to first zone on first recorder.
112	BD_REEFER_SUPPLY_AIR_3	reefer	boxdata	First supply air temperature to second zone on first recorder.
113	BD_REEFER_SUPPLY_AIR_4	reefer	boxdata	Second supply air temperature to second zone on first recorder.
114	BD_REEFER_EVAPORATOR_COIL	reefer	boxdata	Evaporator coil temperature of first zone on first recorder.
115	BD_REEFER_EVAPORATOR_COIL_2	reefer	boxdata	Evaporator coil temperature of second zone on first recorder.
116	BD_REEFER_OPERATING_MODE_2	reefer	boxdata	Operating mode of second zone on first recorder.
117	BD_FUEL_RESERVE	boxdata		True if the reefer engine is on fuel reserve.
119	BD_HUMIDITY	boxdata		(Relative?) Humidity (in percent?). Produced only by DT-UDP. Deprecated
120	BD_EBS_TYPE	ebs	boxdata	Type of the EBS system.
121	BD_EBS_OVERLOAD	ebs	boxdata	Whether the vehicle is overloaded. (May not be sourced by EBS data.)
122	BD_EBS_BOOGIE_LOAD	ebs	boxdata	Percentual load value we get from cargobull, dt-udp, and telic with KNORR or WABCO EBS. ('boogie' is 'bogie')
123	BD_EBS_TRAILER_LOAD	ebs	boxdata	Some load value we get from dt-upd, and telic.
124	BD_EBS_TOTAL_VEHICLE_DISTANCE	ebs	boxdata	Continuously upcounting mileage counter from EBS in kilometers. From dt-udp and telic+HALDEX
125	BD_EBS_TRIP_DISTANCE	ebs	boxdata	Distance moved in a trip. Value in kilometers.
126	BD_EBS_NEXT_SERVICE	ebs	boxdata	Next service value from EBS. Type: Integer
127	BD_EBS_TYRE_PRESSURE	ebs	boxdata	Tire pressure from the EBS. Which tyre is indicated in BD_EBS_TYRE_IDENTIFICATION_PRESSURE. Deprecated
128	BD_EBS_TYRE_IDENTIFICATION_PRESSURE	ebs	boxdata	This identifies the tyre on which the pressure, that is in BD_EBS_TYRE_PRESSURE has been measured. (Byte value: high nibble is axle number starting with 1 at front, low nibble is wheel pos with 8 for whees at the center line, decrementing to the left side, incrementing to the right side. 0 for axle or wheel signals unknown.) Deprecated
129	BD_EBS_TYRE_IDENTIFICATION_LINING	ebs	boxdata	This identifies the tyre on which the brake lining is measured. But incidentally we do not store the brake lining. Deprecated
130	BD_EBS_TYRE_PRESSURE_SUFFICIENT	ebs	boxdata	Boolean value describing, if tyre pressure is sufficient. Deprecated
131	BD_EBS_CHASSIS_NUMBER	ebs	boxdata	Chassis number from EBS.
132	BD_REEFER_OPERATING_TYPE_2	reefer	boxdata	Operating type of first zone on second recorder. Deprecated
133	BD_REEFER_STANDBY_HOURS	reefer	boxdata	Standby hours of reefer
134	BD_REEFER_SWITCH_ON_HOURS	reefer	boxdata	Number of hours the reefer was switched on.
135	BD_TRAILER_NUMBER	boxdata		Only set by the dt-udp gateway.
136	BD_TRUCK_ID	boxdata		Only set by the dt-udp, and tom-tom gateway.
137	BD_REEFER_SETPOINT_4	reefer	boxdata	Temperature of the setpoint of the first zone on the second recorder.
138	BD_REEFER_SETPOINT_5	reefer	boxdata	Temperature of the setpoint of the second zone on the second recorder.
139	BD_REEFER_SETPOINT_6	reefer	boxdata	Temperature of the setpoint of the third zone on the second recorder.
140	BD_REEFER_OPERATING_HOURS_2	reefer	boxdata	Operating hours of the reefer on the second recorder.
141	BD_REEFER_OPERATING_MODE_3	reefer	boxdata	Operation mode of the third zone on the first recorder.
142	BD_REEFER_OPERATING_MODE_4	reefer	boxdata	Operation mode of the first zone on the second recorder.
143	BD_REEFER_OPERATING_MODE_5	reefer	boxdata	Operation mode of the second zone on the second recorder.
144	BD_REEFER_OPERATING_MODE_6	reefer	boxdata	Operation mode of the third zone on the second recorder.
146	BD_REEFER_FUEL_2	reefer	boxdata	Precentage of fuel left in the reservoir. Second recorder.
147	BD_REEFER_BATTERY_VOLTAGE_2	reefer	boxdata	Reefer voltage from the second recorder.
148	BD_REEFER_ERROR_CODE_3	reefer	boxdata	Error code for the first zone on the second recorder.
149	BD_REEFER_ERROR_CODE_4	reefer	boxdata	Error code for the second zone on the second recorder.
150	BD_REEFER_ZONES_2	reefer	boxdata	Number of (active?) zones on second recorder.
151	BD_REEFER_RETURN_AIR_5	reefer	boxdata	First temperature of the return air from the first zone on the second recorder.
152	BD_REEFER_RETURN_AIR_6	reefer	boxdata	Second temperature of the return air from the first zone on the second recorder.
153	BD_REEFER_RETURN_AIR_7	reefer	boxdata	First temperature of the return air from the second zone on the second recorder.
154	BD_REEFER_RETURN_AIR_8	reefer	boxdata	Second temperature of the return air from the second zone on the second recorder.
155	BD_REEFER_SUPPLY_AIR_5	reefer	boxdata	First temperature of the supply air to the first zone on the second recorder.
156	BD_REEFER_SUPPLY_AIR_6	reefer	boxdata	Second temperature of the supply air to the first zone on the second recorder.
157	BD_REEFER_SUPPLY_AIR_7	reefer	boxdata	First temperature of the supply air to the second zone on the second recorder.
158	BD_REEFER_SUPPLY_AIR_8	reefer	boxdata	Second temperature of the supply air to the second zone on the second recorder.
159	BD_REEFER_EVAPORATOR_COIL_3	reefer	boxdata	Evaporator coil at first zone on the second recorder.
160	BD_REEFER_EVAPORATOR_COIL_4	reefer	boxdata	Evaporator coil at second zone on the second recorder.
161	BD_REEFER_WARNING_2	reefer	boxdata	Warning for first zone on second recorder.
162	BD_REEFER_OPERATING_TYPE_3	reefer	boxdata	Operating type of first zone on second recorder. Deprecated
163	BD_REEFER_OPERATING_TYPE_4	reefer	boxdata	Operating type of second zone on second recorder. Deprecated
164	BD_REEFER_STANDBY_HOURS_2	reefer	boxdata	Standby hours on second recorder.
165	BD_REEFER_SWITCH_ON_HOURS_2	reefer	boxdata	Total hours on second recorder.
166	BD_EBS_WHEEL_BASED_VEHICLE_SPEED	ebs	boxdata	Wheel based vehicle speed from EBS.
167	BD_EBS_BRAKE_LINING_SUFFICIENT	ebs	boxdata	Whether brake lining is sufficient.
168	BD_EBS_RED_WARNING_SIGNAL	ebs	boxdata	Whether the red warning signal is on.
169	BD_EBS_PRESSURE_DEMAND	ebs	boxdata	Pressure demand from EBS.
170	BD_EBS_POWER_SUPPLY_VOLTAGE	ebs	boxdata	Voltage from the power supply at the EBS system.
172	BD_EBS_STOP_LIGHT_POWERED	ebs	boxdata	Whether the stop light is powered.
173	BD_EBS_ABS	ebs	boxdata	Whether ABS is active.
174	BD_EBS_VEHICLE_DYNAMIC_CONTROL	ebs	boxdata	Whether VDC is active.
175	BD_EBS_AMBER_WARNING_SIGNAL	ebs	boxdata	Whether the amber/yellow warning signal is on.
176	BD_EBS_AXLE_LOAD_SUM	ebs	boxdata	Sum of the weight on all axles.
177	BD_DOOR_OPEN_2	door	boxdata	Whether the second door is open.
178	BD_DOOR_OPEN_3	door	boxdata	Whether the third door is open.
179	RT_RS232_1	boxdata		Key within BD_RECORDER_TYPE for a recorder connected to the first RS232 interface.
180	RT_RS232_2	boxdata		Key within BD_RECORDER_TYPE for a recorder connected to the second RS232 interface.
181	RT_ONE_WIRE	boxdata		Key within BD_RECORDER_TYPE for a recorder connected using the one wire interface.
182	BD_EBS_LOADED	ebs	boxdata	Whether the trailer/vehicle/... is loaded.
184	BD_GPS_COUNTRY_CODE	gps	boxdata	Code of the country within which the current position is. Set by the reverse-geocoder.
185	BD_EBS_LOADED_LAST	ebs	boxdata	If we do not have a BD_EBS_LOADED state, this field can tell what the last known state was.
187	BD_EVENTS	boxdata		Collection of ordinals from the Event enumeration.
188	BD_OBJECT_GEOCIRCLES	boxdata		Map of detected geocircles the current position is in. Key is the portal id of the geocircle, value is either the geocircle name on old data, or another map on new data.
189	BD_TEMP_AMBIENT	boxdata		Ambient temperature on first recorder. Used from telic with carrier. Now also used by Krone JSON Gateway.
190	BD_GPS_HEIGHT	gps	boxdata	Position height value in meters above WGS84 reference ellipsoid.

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191	BD_TEMP_AMBIENT_2	boxdata		Ambient temperature on second recorder. Only from telic with carrier.
192	BD_REEFER_OVERALL_STATE	reefer	boxdata	Reefer overall state from first recorder.
193	BD_REEFER_OVERALL_STATE_2	reefer	boxdata	Reefer overall state from second recorder.
194	BD_VIRTUAL_FIELDS	boxdata		Array of the fields (keys/ordinals), that have been calculated.
195	BD_POWER_FAILURE	boxdata		Boolean value indicating power failure. Only from euroscan-udp.
196	BD_LOW_BATTERY	boxdata		Boolean value indicating low battery voltage. Only from euroscan-udp.
197	BD_MOTION_SENSOR_ENABLED	boxdata		Boolean value indicating enabled motion sensor. Only from euroscan-udp.
198	BD_MOTION_SENSOR_TRIGGERED	boxdata		Boolean value indicating motion sensor triggered. Only from euroscan-udp.
199	BD_REEFER_RETURN_AIR_9	reefer	boxdata	Temperature of the return air of the third zone on the first recorder.
200	BD_REEFER_RETURN_AIR_10	reefer	boxdata	Temperature of the return air of the third zone on the second recorder.
201	BD_REEFER_SUPPLY_AIR_9	reefer	boxdata	Temperature of the supply air to the third zone on the first recorder.
202	BD_REEFER_SUPPLY_AIR_10	reefer	boxdata	Temperature of the supply air to the third zone of the second recorder.
203	BD_ERRORS	boxdata		Collection of ordinals of the Error enumeration.
204	BD_REEFER_DEFROST_ON_4	reefer	boxdata	Indicates that the first zone on the second recorder is defrosting. (One-shot). Deprecated
205	BD_REEFER_DEFROST_ON_5	reefer	boxdata	Indicates that the second zone on the second recorder is defrosting. (One-shot). Deprecated
206	BD_REEFER_DEFROST_ON_6	reefer	boxdata	Indicates that the third zone on the second recorder is defrosting. (One-shot). Deprecated
207	BD_ANALOG_INPUT3	boxdata		Uninterpreted analog input value. Probably voltage on the third analog input in cV.
208	BD_ANALOG_INPUT4	boxdata		Uninterpreted analog input value. Probably voltage on the fourth analog input in cV.
209	BD_ANALOG_INPUT5	boxdata		Uninterpreted analog input value. Probably voltage on the fifth analog input in cV.
210	BD_ANALOG_INPUT6	boxdata		Uninterpreted analog input value. Probably voltage on the sixth analog input in cV.
211	BD_ANALOG_INPUT_SAMPLING	boxdata		??? (from telic)
212	BD_PRESSURES	boxdata		Measured pressures. This is a map. Key is the type of Pressure (enum is Field.Pressure), value is the pressure.
213	BD_FUEL_ABSOLUTE	boxdata		Absolute fuel level in liters.
214	BD_DISTANCE_MOVED	boxdata		Our own distance counter, summing up our best-known distance deltas.
215	BD_GPS_DISTANCE_TOTAL	gps	boxdata	Total moved distance, calculated using (only) GPS data by the box.
216	BOX_FEATURES	boxdata		Collection of the features supported by the box. Features are represented by the Field.Feature enumeration.
217	BD_UNKNOWN_VOLTAGE	boxdata		Some voltage we do not know what it represents. Deprecated
218	BD_INTERNAL_BATTERY_VOLTAGE	boxdata		Voltage of the internal box battery.
219	BD_EXTERNAL_BATTERY_VOLTAGE	boxdata		External voltage to the box.
220	BD_REEFER_ALARM_INTERPRETED	reefer	boxdata	Collection of maps containing interpreted reefer alarm messages. Elements in the collection are maps.
221	BD_TIME_GATEWAY	boxdata		Time when the message passed the gateway.
222	BD_TIME_PERSIST	boxdata		Time when the message has been persisted.
223	BD_EBS_LAMP_ON_FAULT	ebs	boxdata	Indicates that the amber warning signal is active due to a failure. Deprecated
224	BD_EBS_SERVICE_REQUEST	ebs	boxdata	Indicates that there exists a service request.
225	BD_EBS_LAMP_ACTIVE	ebs	boxdata	Indicates that the amber warning signal is active. Deprecated
226	BD_EBS_ISO_11992_STATUS	ebs	boxdata	Indicates that the EBS has a correct CAN connection to the truck.
227	BD_EBS_STOP_LIGHT_POWER_AVAILABLE	ebs	boxdata	Indicates that the trailer ebs can be powered via the stop light.
228	BD_EBS_BRAKE_APPLY_ACTIVE	ebs	boxdata	Indicates that the brake apply valve is open, i.e., the brake pressure is increased.
229	BD_EBS_VRC	ebs	boxdata	Indicates that the Vehicle Retarder Control (VRC) is active.
230	BD_EBS_VSB	ebs	boxdata	Indicates that the Vehicle Service Brake (VSB) is active.
231	BD_EBS_ATVB	ebs	boxdata	Indicates that the Automatic Towed Vehicle Braking (ATVB) is active.
232	BD_EBS_SWAWBF	ebs	boxdata	Indicates that the support of side or axle-wise brake force distribution is active.
233	BD_EBS_VES	ebs	boxdata	Indicates that the Vehicle Electrical Supply (VES) is active.
234	BD_EBS_ESNBS	ebs	boxdata	Indicates that the Electrical Supply of Non-Braking Systems (ESNBS) is active.
235	BD_EBS_BRAKE_TEMPERATURE_SUFFICIENT	ebs	boxdata	Indicates that the brake temperature is sufficient.
236	BD_EBS_VPS_SUFFICIENT	ebs	boxdata	Indicates that the Vehicle Pneumatic Supply (VPS) is sufficient.
237	BD_EBS_TYRE_PRESSURES	ebs	boxdata	Tyre pressures for the tyres of the vehicle. Deprecated
238	BD_EBS_BRAKE_LININGS	ebs	boxdata	Brake lining for the tyres of the vehicle. Deprecated
239	BD_EBS_NUMBER_OF_PARKING_BRAKE_EVENTS	ebs	boxdata	The number of parking brake events.
240	BD_EBS_NUMBER_OF_SPEED_MAINTAINING_BRAKE_EVENTS	ebs	boxdata	The number of speed maintaining events.
241	BD_EBS_NUMBER_OF_NORMAL_BRAKE_EVENTS	ebs	boxdata	The number of normal brake events.
242	BD_EBS_NUMBER_OF_AGGRESSIVE_BRAKE_EVENTS	ebs	boxdata	The number of aggressive brake events.
243	BD_EBS_NUMBER_OF_EMERGENCY_BRAKE_EVENTS	ebs	boxdata	The number of emergency brake events.
244	BD_EBS_NUMBER_OF_UNKNOWN_BRAKE_EVENTS	ebs	boxdata	The number of unknown brake events.
245	BD_EBS_BRAKE_HISTOGRAM	ebs	boxdata	The brake histogram.
246	BD_EBS_AVERAGE_BRAKE_PRESSURE	ebs	boxdata	The average brake pressure.
247	BD_EBS_CURRENT_DTCS	ebs	boxdata	A list of diagnostic trouble codes (integer) that are currently active.
248	BD_EBS_LATCH_DTCS	ebs	boxdata	A list of diagnostic trouble codes (integer) that are latched.
249	BD_EBS_NUMBER_OF_ABS_EVENTS	ebs	boxdata	The number of ABS events.
250	BD_EBS_NUMBER_OF_RSS_EVENTS	ebs	boxdata	The number of RSS events.
251	BD_EBS_TYRE_PRESSURES_EXT	ebs	boxdata	Tyre pressures for the twin tyres of the vehicle. Deprecated
252	BD_EBS_BRAKE_LININGS_EXT	ebs	boxdata	Brake lining for the twin tyres of the vehicle. Deprecated
253	BD_EBS_BRAKE_LINING	ebs	boxdata	Brake lining for the tyre whose id is stored in BD_EBS_TYRE_IDENTIFICATION_LINING. Deprecated
254	BD_TRIP_AVERAGE_BOGIE_LOAD	boxdata		The average trip bogie load send by euroleasing.
255	BD_TRIP_AVERAGE_SPEED	boxdata		The average trip speed send by euroleasing.
256	BD_TRIP_END_MILAGE	boxdata		The trip end mileage send by euroleasing.
257	BD_TRIP_END_POSITION	boxdata		The trip end position send by euroleasing. It's a wrapper to pass the position data: BD_GPS_LATITUDE, BD_GPS_LONGITUDE, BD_GPS_DIRECTION, BD_GPS_TIME, BD_GPS_SPEED
258	BD_TRIP_END_TIME	boxdata		The trip end time send by euroleasing.
259	BD_TRIP_FUEL_CONSUMPTION	boxdata		The trip fuel consumption send by euroleasing in ml.
260	BD_TRIP_MAX_BOGIE_LOAD	boxdata		The trip max bogie load send by euroleasing.
261	BD_TRIP_MAX_SPEED	boxdata		The trip max speed send by euroleasing.
262	BD_TRIP_START_MILAGE	boxdata		The trip start mileage send by euroleasing.
263	BD_TRIP_START_POSITION	boxdata		The trip start position send by euroleasing. It's a wrapper to pass the position data: BD_GPS_LATITUDE, BD_GPS_LONGITUDE, BD_GPS_DIRECTION, BD_GPS_TIME, BD_GPS_SPEED
264	BD_TRIP_START_TIME	boxdata		The trip start time send by euroleasing.
265	BD_TPMS_TYRE_PRESSURES	tpms	boxdata	The tyre pressures for TPMS. The Map will contain key's like '17', '19', '27', '26', '29', '2A' and float values.
266	BD_EBS_BRAKE_LINING_MAP	ebs	boxdata	The brake linings or wear for TPMS in percent. The Map will contain key's like '17', '19', '27', '26', '29', '2A' and float values.
267	BD_TPMS_TYRE_TEMPERATURES	tpms	boxdata	The tyre temperature for TPMS. The Map will contain key's like '17', '19', '27', '26', '29', '2A' and float values.
268	BD_OBJECT_MAINTENANCE_DATA	boxdata		A list of maintenances for the box.
269	BD_MAINTENANCE_SERVICE_UNIT_ID	boxdata		ID of the euroleasing maintenance
270	BD_MAINTENANCE_SERVICE_UNIT_NAME	boxdata		Name of the maintenance data.
271	BD_MAINTENANCE_TIMESTAMP	boxdata		Timestamp when the maintenance data has been measured.

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Field ID	Field	Group	Subgroup of	Description
272	BD_MAINTENANCE_NEXT_DATE	boxdata		The date of the next maintenance.
273	BD_MAINTENANCE_NEXT_DISTANCE	boxdata		The distance to the next maintenance.
274	BD_DOORLOCK_KEYPAD_ACTIVE	boxdata		True if it is possible to type in the PIN at the keypad.
275	BD_DOORLOCK_ALARM_OPEN	boxdata		Door contact open without door release.
276	BD_DOORLOCK_EVENT_DOOR_ENABLED	boxdata		Doorlock was released by typing in a correct PIN.
277	BD_DOORLOCK_EVENT_KEYPAD	boxdata		Keypad was used.
278	BD_DOORLOCK_ALARM_MANIPULATION	boxdata		Manipulation of the door was recognized. Opened door while doorlock not released.
279	BD_DOORLOCK_KEYPAD_CONNECTED	boxdata		Keypad is connected.
280	BD_DOORLOCK_PAYLOAD	boxdata		The Payload. See deister protocol.
281	BD_DOORLOCK_PAYLOAD_COUNT	boxdata		Sum of the payload bytes.
282	BD_DOORLOCK_SERIAL	boxdata		The doorlock serial number.
283	BD_DOORLOCK_EVENT_UNLOCK_ENABLED	boxdata		The command 'UNLOCK' was enabled.
284	BD_DOORLOCK_ERROR	boxdata		Contains a list of enum ordinal of the DoorlockError enumeration.
285	BD_DOORLOCK_STATES	boxdata		Contains a map of states for each doorlock. So keys will be '1', '2', ... The values will be a set with DoorlockState enum ordinals.
286	TV_INTERVAL_START_TIME	boxdata		The start time of an interval measurement.
287	TV_INTERVAL_END_TIME	boxdata		The end time of an interval measurement.
288	TV_INTERVAL_MILAGE_START	boxdata		The mileage at the beginning of the interval measurement.
289	TV_INTERVAL_MILAGE_END	boxdata		The mileage at the end of the interval measurement.
290	TV_INTERVAL_FUEL_TOTAL	boxdata		The total fuel the vehicle used in the interval measurement.
291	BD_TPMS_TYRE_PRESSURE_LEVEL	tpms	boxdata	The tyre pressure events for TPMS. The Map will contain key's like '17', '19', '27', '26', '29', '2A' and TpmsEvent enum ordinals. Deprecated
292	BD_TYRE_SENSOR_COMMUNICATION_LOST	boxdata		The tyre pressure communication. The Map will contain key's like '17', '19', '27', '26', '29', '2A' and true or false. Deprecated
293	BD_USER_EVENT_TYPE	boxdata		The indicator that a device will not be sending data because it is paused. Contains start/stop or the reason for the pause
294	BD_HEATING_ON	boxdata		Whether the heating is on.
295	BD_HEATING_BURNER_ON	boxdata		Whether the heating's burner is on.
296	BD_HEATING_VOLTAGE	boxdata		Voltage of heating.
297	BD_GENERATOR_ON	boxdata		Whether the generator is on.
298	BD_GENERATOR_VOLTAGE	boxdata		Voltage of generator.
299	BD_DOORLOCK_ALL_CLOSED	boxdata		Whether all ELB door contacts are closed.
300	BD_DOORLOCK_ALL_LOCKED	boxdata		Whether all ELB cylinders are locked.
301	BD_DOORLOCK_SECURE_MODE	boxdata		Whether ELB secure mode is on.
302	BD_DOOR_LOCKBAR_STATE	boxdata		Door one lockbar state
303	BD_DOOR_LOCKSYSTEM_STATE	boxdata		Door one locksystem state
304	BD_DOOR_SENSOR_STATE	boxdata		Door one sensor state (open closed, failure...)
305	BD_DOOR_LOCKBAR_STATE_2	boxdata		Door two lockbar state
306	BD_DOOR_LOCKSYSTEM_STATE_2	boxdata		Door two locksystem state
307	BD_DOOR_SENSOR_STATE_2	boxdata		Door two sensor state (open closed, failure...)
308	BD_DOOR_LOCKBAR_STATE_3	boxdata		Door three lockbar state
309	BD_DOOR_LOCKSYSTEM_STATE_3	boxdata		Door three locksystem state
310	BD_DOOR_SENSOR_STATE_3	boxdata		Door three sensor state (open closed, failure...)
311	BD_EBS_BRAKE_LINING_PERCENT	ebs	boxdata	The brake linings for EBS in percent. Map: String(id) -> Integer(brake lining in %)
312	BD_EBS_BRAKE_LINING_SUFF	ebs	boxdata	If brake linings are sufficient for EBS. Map: String(id) -> Boolean(brake linings sufficient: true or false)
313	BD_EBS_BRAKE_LINING_SENSOR_FAILURE	ebs	boxdata	If brake linings sensors are broken. Map: String(id) -> Boolean(sensors ok: true or false)
314	BD_EBS_NUMBER_OF_VDC_EVENTS	ebs	boxdata	The number of VDC events.
315	BD_TPMS_TYPE	tpms	boxdata	Identifier for the type of tpms system.
316	BD_TPMS_TYRE_PRESSURES_SUFFICIENT	tpms	boxdata	WHETER TPMS tire pressure is sufficient. Map: String(id) -> Boolean (tyre pressure suffcient (true/false)
317	BD_TPMS_TYRE_PRESSURES_SENSOR_FAILURE	tpms	boxdata	If tire pressure sensors are broken. Map: String(id) -> Boolean(sensors ok: true or false)
318	BD_BATTERY_LEVEL_PERCENT	boxdata		Box battery level in percent
319	BD_REMAINING_CONNECT_CYLES	boxdata		Count of connect cyles with remaining battery power
320	BD_ENGINE_LIGHT_STATUS	boxdata		Delphi Engine Light Status. Should contain "ON"" or ""OFF"""
321	BD_VEHICLE_BATTERY_VOLTAGE	boxdata		Delphi in volts e.g. 13.4
322	BD_ENGINE_ON	boxdata		Delphi TRUE/FALSE, null
323	BD_FUEL_PERCENT	boxdata		Delphi fuel percentage
324	BD_TOTAL_ODOMETER_DISTANCE	boxdata		Delphi total kilometers
325	BD_VEHICLE_SPEED	boxdata		Delphi speed in km/h
326	BD_OIL_TEMPERATURE	boxdata		Delphi oil temperature in degrees Celsius
327	BD_AVG_TEMP1	boxdata		Average temperature 1
328	BD_AVG_TEMP2	boxdata		Average temperature 2
329	BD_HUMIDITIES	boxdata		Contains a map of Humidities (in percent). Keys will be '1', '2', ..., '16' and float values for the humidity in percent
330	BD_DOORLOCK_SIDEWALL_ALARM	boxdata		Whether the Sidewall Alarm has been activated (from TCC)
331	BD_DOORLOCK_KEYPAD_ACTIVE_CALCULATED	boxdata		True if it is possible to type in the PIN at the keypad.
332	BD_LIFTING_ROOF	boxdata		True if the roof of the trailer is lifted.
333	BD_BAND_WIRING	boxdata		True if the band wiring is active.
334	BD_IS_MOVING	boxdata		True, if the vehicle is moving (if not filled by gateway, calculated in analyzer)
335	BD_ORDER_NUMBER	boxdata		Order currently assigned to box
336	BD_ORDER_STATE_CAPTION	boxdata		State of order currently assigned to box
337	BD_DISPOSED_ORDERS	boxdata		Number of disposed orders
338	BD_NAVIGATION_ETA	boxdata		Estimated time of arrival
339	BD_REMAINING_DRIVING_TIME_DAY	boxdata		Remaining driving time for this day
340	BD_REMAINING_DRIVING_TIME_WEEK	boxdata		Remaining driving time for this week
341	BD_TIME_DRIVING	boxdata		Driving/standing time in seconds.
342	BD_DISTANCE_DRIVING	boxdata		Driving distance
343	BD_COUPLED_VEHICLES	boxdata		Coupled vehicles
344	BD_EBS_AXLE_LOAD_SUM_EMPTY	ebs	boxdata	Sum of the empty weight on all axles
345	BD_OBJECT_COUPLED_VEHICLES	boxdata		Wrapper to pass the vehicle map from a gateway to the importer inside the map containing the new box datum.
346	BD_TRAIN_WAGGON_TYPE	boxdata		Type of a train waggon.
347	BD_TRAIN_WAGGON_MILAGE	boxdata		Milage of a train.
348	BD_TRAIN_WAGGON_SHOCKS	boxdata		Count of shocks.
349	BD_TRAIN_WAGGON_APPROACH_EVENTS	boxdata		How often the waggon did an approach.
350	BD_TRAIN_WAGGON_BRAKE_EVENTS	boxdata		Count of break events.
351	BD_DESTINATION_ADDRESS	boxdata		Address of destination.
352	BD_TRAIN_WAGGON_SHOCK_DURATION	boxdata		Duration of shocks in seconds.
353	BD_TRAIN_WAGGON_MOVE_STATE	boxdata		State of moving.
354	BD_TRAIN_WAGGON_SHOCK_AMPLITUDE	boxdata		Shock amplitude in g.
355	BD_ENERGY_CONSUMPTION	boxdata		Total energy consumption in Wh.
356	BD_ORIGIN_ADDRESS	boxdata		Address of origin.
357	BD_WAYBILL_NUMBER	boxdata		Waybill number.
358	BD_DATE_OF_LAST_BATTERY_ALARM	boxdata		Date of the last battery alarm. Currently used for delphi (anwb).

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Field ID	Field	Group	Subgroup of	Description
359	BD_DIAGNOSTIC_CODES	boxdata		Contains the DTCs of this BoxDatum. The content of this field will not be saved in the boxdata but in a own collection
360	BD_REEFER_RETURN_AIR_11	reefer	boxdata	Temperature of the return air of the third zone on the second recorder
361	BD_REEFER_SUPPLY_AIR_11	reefer	boxdata	Temperature of the supply air to the third zone on the second recorder
362	BD_REEFER_EVAPORATOR_COIL_5	reefer	boxdata	Evaporator coil at third zone.
363	BD_REEFER_RETURN_AIR_12	reefer	boxdata	Temperature of the return air of the sixth zone on the second recorder
364	BD_REEFER_SUPPLY_AIR_12	reefer	boxdata	Temperature of the supply air to the sixth zone on the second recorder
365	BD_REEFER_EVAPORATOR_COIL_6	reefer	boxdata	Evaporator coil at sixth zone.
366	BD_DATE_OF_LAST_MIL	boxdata		Date of the last malfunctioning indicator lamp. Currently used for delphi (anwb).
367	BD_PANIC_BUTTON	boxdata		Panic button of the driver.
368	BD_OBJECT_GEOLOCATION	boxdata		Map of detected geo locations the current osm position is in. value is either the geo location name data.
369	BD_TRAIN_WAGGON_LOADED	boxdata		Loaded/unloaded flag used for rail vehicles.
370	BD_TRAIN_WAGGON_OVERLOADED	boxdata		Overloaded/not overloaded flag used for rail vehicles.
371	BD_TRAIN_WAGGON_WEIGHING	boxdata		Precise weighing in [kg] used for rail vehicles, i. e. net weight of freight loaded.
372	BD_TRAIN_WAGGON_SHOCK_AXIS	boxdata		Axis for which a shock of a rail vehicle has been measured. Can be 'X', 'Y' or 'Z'.
373	BD_TRAIN_WAGGON_SHOCK_AMPLITUDES	boxdata		Map of shock amplitudes measured for a rail vehicle. Keys will be the shock axes, i. e. 'X', 'Y' or 'Z', values will be the amplitudes in [g].
374	BD_TRAIN_WAGGON_SHOCK_DURATIONS	boxdata		Map of shock durations measured for a rail vehicle. Keys will be the shock axes, i. e. 'X', 'Y' or 'Z', values will be the durations in [ms].
375	BD_TRAIN_WAGGON_SHOCKS_TOTAL	boxdata		Map of total number of shocks per axis for a rail vehicle. Keys will be the shock axes, i. e. 'X', 'Y' or 'Z', values will be the number of shocks.
376	BD_TRAIN_WAGGON_SHOCK_AMPLITUDES_MAX	boxdata		Map of total maximum shock amplitudes per axis for a rail vehicle. Keys will be the shock axes, i. e. 'X', 'Y' or 'Z', values will be the maximum shock amplitude in [g].
377	BD_TRAIN_WAGGON_DERAILED	boxdata		Derailed flag used for rail vehicles.
378	BD_AXIS_DATA	boxdata		Map of AxisDataMap containing axis data. Elements in the map are AxisDataMap, where the keys are AxisDataField enum values. The key of the outer map is the index of the axis, '1','2','3',...
379	BD_TPMS_ERROR	tpms	boxdata	Is there an TPMS error? The Map will contain key's like '17', '19', '27', '26', '29', '2A' and a String as error identifier
380	BD_TAILLIFT_MOVEMENT	boxdata		Tail-lift in motion.
381	BD_TAILLIFT_COUNT_OVERALL	boxdata		Count all tail-lift movements.
382	BD_TAILLIFT_COUNT_SINCE_SERVICE	boxdata		Count all tail-lift movements since last service.
383	BD_TAILLIFT_OVERLOAD	boxdata		Tail-lift overloaded.
384	BD_DETAILED_LOCATION	boxdata		Contains all known information details as a map.
385	BD_GPS_MANUAL_DEACTIVATION	gps	boxdata	Indicating that someone manually deactivated transmittion of GPS data. (special for DT-scombox lidl boxes, driver can press button when actually not driving for lidl)
386	BD_RUNNING_TOURS	boxdata		Map with portal to running tour associations. Key is a portalId, value can be a set of tour-ids which hat status running when the boxdata was measured. (lidl TOMS)
387	BD_SPEED_CALCULATED	boxdata		gps speed when is present, if not Ebs speed
388	BD_REEFER_SERIAL	reefer	boxdata	Serial Number of Reefer
389	BD_REEFER_CONTROLLER_COMMUNICATION_ENABLED	reefer	boxdata	true: CAN-Messages are sent from the controller to box
390	BD_REEFER_AVERAGE_SUPPLY_AIR	reefer	boxdata	Average Supply Air Temperature in C° of the three Reefer modules
391	BD_REEFER_EVAPORATOR_SERIAL_1	reefer	boxdata	Serial Number of Evaporator 1
392	BD_REEFER_EVAPORATOR_SERIAL_2	reefer	boxdata	Serial Number of Evaporator 2
393	BD_REEFER_EVAPORATOR_SERIAL_3	reefer	boxdata	Serial Number of Evaporator 3
5000	BD_LOAD_DATA	boxdata		Associated beacons
5001	BD_HUB_TM	boxdata		Timestamp of hub data
5002	BD_HUB_POWER_STATE	boxdata		Power state of hub
5003	BD_HUB_POWER_LEVEL	boxdata		Power level of hub in percent
5004	BD_HUB_ACCESS_LIFT_SLOPE_STATE	boxdata		Lifting system release, related to the inclined position of the HUBs
5005	BD_HUB_LIFT_STATUS	boxdata		Lifting system control status
5006	BD_NIC_PUSH_RECEIVER_IGNORE	boxdata		Command field for Nic-Push-Receiver to avoid cyclic push
5007	BD_IS_RECEIVED_BY_KRONE_GATEWAY	boxdata		Flag set by the krone gateway indicating that a data record has been received from it
5008	BD_HUB_LIFT_ERROR	boxdata		Errorcodes of the lifting system control
5009	BD_HUB_ROLLERSHUTTER	boxdata		Information about the roller shutter control
5010	BD_CARGOMONITOR_ALLOCATION_MAP_X	boxdata		X-Dimension for cargomonitoring
5011	BD_CARGOMONITOR_ALLOCATION_MAP_Y	boxdata		Y-Dimension for cargomonitoring
5012	BD_CARGOMONITOR_ALLOCATION_MAP_Z	boxdata		Z-Dimension for cargomonitoring
5013	BD_CARGOMONITOR_STATUS_HEARTBEAT	boxdata		Status heartbeat for cargomonitoring
5014	BD_CARGOMONITOR_SYSTEM_ERROR_STATES	boxdata		System error states for cargomonitoring
5015	BD_CARGOMONITOR_ALLOCATION_MAP	boxdata		Allocation map which indicates how much space is allocated in cargo area. This string is Base64 encoded
5016	BD_EBS_TRACTION_HELP_STATUS	ebs	boxdata	Hecksensierung
5017	BD_BEACON_DATA_LAST_UPDATE	boxdata		lastUpdate
5018	BD_BEACON_DATA_TIME_STAMP	boxdata		Timestamp
5019	BD_BEACON_DATA_HUB_MESSAGE_TYPE	boxdata		Name of load data
5020	SI_NEXT_GENERAL_INSPECTION	boxdata		Service interval alarm condition field for general inspection
5021	SI_NEXT_SAFETY_INSPECTION	boxdata		Service interval alarm condition field for safety inspection
5022	SI_NEXT_UVV_DATE	boxdata		Service interval alarm condition field for UVV date
5023	SI_NEXT_PTO_DATE	boxdata		Service interval alarm condition field for PTO date
5024	SI_NEXT_HYDRAULIC_PLATFORM_DATE	boxdata		Service interval alarm condition field for hydraulic platform date
5025	SI_NEXT_CRANE_DATE	boxdata		Service interval alarm condition field for crane date
5026	SI_NEXT_ATP_CERTIFICATION	boxdata		Service interval alarm condition field for ATP certification
5027	SI_NEXT_INSPECTION_TEMP_SENSOR_ONE	boxdata		Service interval alarm condition field for temp sensor one inspection
5028	SI_CHANGE_DATE_TIRE_AXLE_01_LEFT	boxdata		Service interval alarm condition field for change tire axle 1 left
5029	SI_CHANGE_DATE_TIRE_AXLE_02_LEFT	boxdata		Service interval alarm condition field for change tire axle 2 left
5030	SI_CHANGE_DATE_TIRE_AXLE_03_LEFT	boxdata		Service interval alarm condition field for change tire axle 3 left
5031	SI_CHANGE_DATE_TIRE_AXLE_04_LEFT	boxdata		Service interval alarm condition field for change tire axle 4 left
5032	SI_CHANGE_DATE_TIRE_AXLE_05_LEFT	boxdata		Service interval alarm condition field for change tire axle 5 left
5033	SI_CHANGE_DATE_TIRE_AXLE_06_LEFT	boxdata		Service interval alarm condition field for change tire axle 6 left
5034	SI_CHANGE_DATE_TIRE_AXLE_07_LEFT	boxdata		Service interval alarm condition field for change tire axle 7 left
5035	SI_CHANGE_DATE_TIRE_AXLE_08_LEFT	boxdata		Service interval alarm condition field for change tire axle 8 left
5036	SI_CHANGE_DATE_TIRE_AXLE_09_LEFT	boxdata		Service interval alarm condition field for change tire axle 9 left
5037	SI_CHANGE_DATE_TIRE_AXLE_10_LEFT	boxdata		Service interval alarm condition field for change tire axle 10 left
5038	SI_CHANGE_DATE_TIRE_AXLE_01_RIGHT	boxdata		Service interval alarm condition field for change tire axle 1 right
5039	SI_CHANGE_DATE_TIRE_AXLE_02_RIGHT	boxdata		Service interval alarm condition field for change tire axle 2 right
5040	SI_CHANGE_DATE_TIRE_AXLE_03_RIGHT	boxdata		Service interval alarm condition field for change tire axle 3 right
5041	SI_CHANGE_DATE_TIRE_AXLE_04_RIGHT	boxdata		Service interval alarm condition field for change tire axle 4 right
5042	SI_CHANGE_DATE_TIRE_AXLE_05_RIGHT	boxdata		Service interval alarm condition field for change tire axle 5 right
5043	SI_CHANGE_DATE_TIRE_AXLE_06_RIGHT	boxdata		Service interval alarm condition field for change tire axle 6 right
5044	SI_CHANGE_DATE_TIRE_AXLE_07_RIGHT	boxdata		Service interval alarm condition field for change tire axle 7 right
5045	SI_CHANGE_DATE_TIRE_AXLE_08_RIGHT	boxdata		Service interval alarm condition field for change tire axle 8 right
5046	SI_CHANGE_DATE_TIRE_AXLE_09_RIGHT	boxdata		Service interval alarm condition field for change tire axle 9 right
5047	SI_CHANGE_DATE_TIRE_AXLE_10_RIGHT	boxdata		Service interval alarm condition field for change tire axle 10 right
5048	BD_GSM_SIGNAL_STRENGTH	gsm	boxdata	Signal strength of GSM signal in dBm

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5049	BD_GSM_NETWORK	gsm	boxdata	Which GSM network is used MCC+MNC
5050	BD_REAR_EXTENDED_WARNING	boxdata		Is set by the importer if the vehicle is starting to move or moving, not EBS loaded and rear extension is extended
5051	BD_REEFER_SOFTWARE_VERSION	reefer	boxdata	current firmware version used by reefer
5052	BD_CARGOMONITOR_TIME	boxdata		creation time of cargomonitoring data
5053	BD_TPMS_TYRE_WHEEL_UNIT_BATTERY_STATUS	tpms	boxdata	The tyre wheel unit battery status for TPMS. The Map will contain key's like '17', '19', '27', '26', '29', '2A', float and int values
5054	BD_TPMS_TYRE_FAST_PRES_LOSS_STATUS	tpms	boxdata	The tyre fast pressure loss status for TPMS. The Map will contain key's like '17', '19', '27', '26', '29', '2A', float and int values
5055	BD_TPMS_TYRE_BURST_STATUS	tpms	boxdata	The tyre burst status for TPMS. The Map will contain key's like '17', '19', '27', '26', '29', '2A', float and int values
5056	BD_TPMS_TYRE_SENSORID_LEARN_STATUS	tpms	boxdata	The tyre sensor learn status for TPMS. The Map will contain key's like '17', '19', '27', '26', '29', '2A', float and int values
5057	BD_NO_GEOCODING_LOCATION	boxdata		Technical field to indicate if GPS cannot be reverse-geocoded. E.g. on sea
5058	BD_REEFER_FUEL_SENT	reefer	boxdata	Percentage of fuel left in the reservoir. First recorder. Raw value sent by the telematic unit
5059	BD_FUEL_ABSOLUTE_SENT	boxdata		Absolute of fuel level in litres. Raw value sent by the telematic unit
5060	BD_RECEIVED_BY	boxdata		Field to describe which units are received by our own push receiver and who pushed it to our System
5061	BD_CARGOMONITOR_HOMOGRAPHY_MATRIX	boxdata		Homography matrix which indicates the exact location of the cargo
5062	AC_TPMS_TYRE_PRESSURE_16	boxdata		Tyre pressure for alarm condition axle 1 Left outer tyre
5063	AC_TPMS_TYRE_PRESSURE_17	boxdata		Tyre pressure for alarm condition axle 1 Left inner tyre
5064	AC_TPMS_TYRE_PRESSURE_19	boxdata		Tyre pressure for alarm condition axle 1 right inner tyre
5065	AC_TPMS_TYRE_PRESSURE_1A	boxdata		Tyre pressure for alarm condition axle 1 right outer tyre
5066	AC_TPMS_TYRE_PRESSURE_26	boxdata		Tyre pressure for alarm condition axle 2 Left outer tyre
5067	AC_TPMS_TYRE_PRESSURE_27	boxdata		Tyre pressure for alarm condition axle 2 Left inner tyre
5068	AC_TPMS_TYRE_PRESSURE_29	boxdata		Tyre pressure for alarm condition axle 2 right inner tyre
5069	AC_TPMS_TYRE_PRESSURE_2A	boxdata		Tyre pressure for alarm condition axle 2 right outer tyre
5070	AC_TPMS_TYRE_PRESSURE_36	boxdata		Tyre pressure for alarm condition axle 3 Left outer tyre
5071	AC_TPMS_TYRE_PRESSURE_37	boxdata		Tyre pressure for alarm condition axle 3 Left inner tyre
5072	AC_TPMS_TYRE_PRESSURE_39	boxdata		Tyre pressure for alarm condition axle 3 right inner tyre
5073	AC_TPMS_TYRE_PRESSURE_3A	boxdata		Tyre pressure for alarm condition axle 3 right outer tyre
5074	AC_TPMS_TYRE_PRESSURE_46	boxdata		Tyre pressure for alarm condition axle 4 Left outer tyre
5075	AC_TPMS_TYRE_PRESSURE_47	boxdata		Tyre pressure for alarm condition axle 4 Left inner tyre
5076	AC_TPMS_TYRE_PRESSURE_49	boxdata		Tyre pressure for alarm condition axle 4 right inner tyre
5077	AC_TPMS_TYRE_PRESSURE_4A	boxdata		Tyre pressure for alarm condition axle 4 right outer tyre
5078	AC_TPMS_TYRE_TEMPERATURE_16	boxdata		Tyre temperature for alarm condition axle 1 Left outer tyre
5079	AC_TPMS_TYRE_TEMPERATURE_17	boxdata		Tyre temperature for alarm condition axle 1 Left inner tyre
5080	AC_TPMS_TYRE_TEMPERATURE_19	boxdata		Tyre temperature for alarm condition axle 1 right inner tyre
5081	AC_TPMS_TYRE_TEMPERATURE_1A	boxdata		Tyre temperature for alarm condition axle 1 right outer tyre
5082	AC_TPMS_TYRE_TEMPERATURE_26	boxdata		Tyre temperature for alarm condition axle 2 Left outer tyre
5083	AC_TPMS_TYRE_TEMPERATURE_27	boxdata		Tyre temperature for alarm condition axle 2 Left inner tyre
5084	AC_TPMS_TYRE_TEMPERATURE_29	boxdata		Tyre temperature for alarm condition axle 2 right inner tyre
5085	AC_TPMS_TYRE_TEMPERATURE_2A	boxdata		Tyre temperature for alarm condition axle 2 right outer tyre
5086	AC_TPMS_TYRE_TEMPERATURE_36	boxdata		Tyre temperature for alarm condition axle 3 Left outer tyre
5087	AC_TPMS_TYRE_TEMPERATURE_37	boxdata		Tyre temperature for alarm condition axle 3 Left inner tyre
5088	AC_TPMS_TYRE_TEMPERATURE_39	boxdata		Tyre temperature for alarm condition axle 3 right inner tyre
5089	AC_TPMS_TYRE_TEMPERATURE_3A	boxdata		Tyre temperature for alarm condition axle 3 right outer tyre
5090	AC_TPMS_TYRE_TEMPERATURE_46	boxdata		Tyre temperature for alarm condition axle 4 Left outer tyre
5091	AC_TPMS_TYRE_TEMPERATURE_47	boxdata		Tyre temperature for alarm condition axle 4 Left inner tyre
5092	AC_TPMS_TYRE_TEMPERATURE_49	boxdata		Tyre temperature for alarm condition axle 4 right inner tyre
5093	AC_TPMS_TYRE_TEMPERATURE_4A	boxdata		Tyre temperature for alarm condition axle 4 right outer tyre
5094	BD_DATA_TYPE	boxdata		Classifies data of a BoxDataMap to be of specific type (0 = Data, 1 = Temperatures only). This field is mainly set by krone gateways.
5095	BD_REEFER_DATA_ID	reefer	boxdata	UUID of reefer data. Builds a relation between a data message and one or more temperature messages of a krone box.
5096	BD_TEMPERATURES_RECORDING_INTERVAL	boxdata		Recording interval of temperatures in seconds.
5097	BD_DOOR_LOCKSYSTEM_PIN_CODE	boxdata		PIN to open the door lock. It's a 4-digit number
5098	AC_NEXT_GENERAL_INSPECTION	boxdata		Service interval alarm condition field for general inspection.
5099	AC_NEXT_SAFETY_INSPECTION	boxdata		Service interval alarm condition field for safety inspection.
5100	AC_NEXT_UVV_DATE	boxdata		Service interval alarm condition field for UVV date.
5101	AC_NEXT_PTO_DATE	boxdata		Service interval alarm condition field for PTO date.
5102	AC_NEXT_HYDRAULIC_PLATFORM_DATE	boxdata		Service interval alarm condition field for hydraulic platform date.
5103	AC_NEXT_CRANE_DATE	boxdata		Service interval alarm condition field for crane date.
5104	AC_NEXT_ATP_CERTIFICATION	boxdata		Service interval alarm condition field for ATP certification.
5105	BD_EBS_SERVICE_BRAKE_EVENTS	ebs	boxdata	Number of services done on the brakes since the last transmission.
5106	BD_EBS_VOLTAGE_SUPPLY_SUFFICIENT	ebs	boxdata	Indicates whether the voltage supply of EBS is sufficient.
5107	BD_EBS_WHEEL_SPEED_FIRST_AXLE_LEFT	ebs	boxdata	Wheel speed of the first axis, left side.
5108	BD_EBS_WHEEL_SPEED_FIRST_AXLE_RIGHT	ebs	boxdata	Wheel speed of the first axis, right side.
5109	BD_EBS_STATUS_BACKUP_POWER_SUPPLY	ebs	boxdata	Status of backup power supply.
5110	BD_EBS_STATUS_ISO_7638_POWER_SUPPLY	ebs	boxdata	Status of ISO7638 power supply.
5111	BD_EBS_SERIAL	ebs	boxdata	EBS ECU Serial Number.
5112	BD_EBS_CONNECTED_DEVICE_PERMITTED_TRANSMIT	ebs	boxdata	Connected device allows transmission on the bus.
5113	BD_EBS_TRUCK_VIN	ebs	boxdata	Chassis number of the truck.
5114	BD_EBS_P4_PRESSURE	ebs	boxdata	Pressure of P4 in kPa (Pneumatic brake demand to EBS of Truck)
5115	BD_EBS_PCAN_PRESSURE	ebs	boxdata	Pressure of pcan in kPa (Pneumatic brake demand to EBS of Truck)
5116	BD_EBS_P21_PRESSURE	ebs	boxdata	Pressure of the P21 in kPa (Controlled brake pressure)
5117	BD_EBS_P22_PRESSURE	ebs	boxdata	Pressure of the P22 in kPa (Controlled brake pressure)
5118	BD_EBS_P223_PRESSURE	ebs	boxdata	Pressure of the P2/23 in kPa
5119	AC_TPMS_NOTE_DEVIATION_FROM_OPTIMUM_IN_BAR	boxdata		Deviation of tire pressure from optimum
5120	AC_TPMS_CRITICAL_DEVIATION_FROM_OPTIMUM_IN_BAR	boxdata		Deviation of tire pressure from optimum
5121	BD_REEFER_MANUFACTURER	reefer	boxdata	Manufactor of the reefer
5122	AC_TPMS_CLEAR_NOTE_DEVIATION_FROM_OPTIMUM_IN_BAR	boxdata		Deviation of tire pressure from optimum when clearing an alarm
5123	AC_TPMS_CLEAR_CRITICAL_DEVIATION_FROM_OPTIMUM_IN_BAR	boxdata		Deviation of tire pressure from optimum when clearing an alarm
5124	BD_CARGOMONITOR_PICTURE	boxdata		Reference to a picture shot by camera inside a trailer
5125	BD_CARGOMONITOR_FREE_SPACE	boxdata		List of free space in Trailer in percentages for each area
5126	BD_EBS_AXLE_1_LIFT_POSITION	ebs	boxdata	Lift position of the axle 1
5127	BD_EBS_AXLE_2_LIFT_POSITION	ebs	boxdata	Lift position of the axle 2
5128	BD_EBS_TRUCK_WHEEL_BASED_VEHICLE_SPEED	ebs	boxdata	Wheel based vehicle speed from EBS of the truck.
5129	BD_CARGOMONITOR_FREE_SPACE_LENGTHS	boxdata		List of free space in Trailer in meters for each area
5130	BD_TIME_GATEWAY_INCOMING	boxdata		Timestamp when the data was received in the gateway.
5131	BD_TIME_IMPORTER_INCOMING	boxdata		Timestamp when the data was received in the importer.
5132	BD_BATTERY_PACK_STATE_OF_CHARGE	batteryPack	boxdata	Battery unit state of charge.
5133	BD_BATTERY_PACK_LAST_REBALANCE	batteryPack	boxdata	Last time when the battery is fully charged
5134	BD_BATTERY_PACK_TEMP_MIN	batteryPack	boxdata	Recent battery minimum temperature noted.
5135	BD_BATTERY_PACK_TEMP_MAX	batteryPack	boxdata	Recent battery maximum temperature noted.
5136	BD_BATTERY_PACK_SERIALNUMBER	batteryPack	boxdata	Serialnumber from battery unit.
5137	BD_BATTERY_PACK_MODEL_NUMBER	batteryPack	boxdata	Model number from battery unit.

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Field ID	Field	Group	Subgroup of	Description
5138	BD_BATTERY_PACK_LAST_SEEN	batteryPack	boxdata	Last update event received from battery unit.
5139	BD_BATTERY_PACK_CHARGING_STATUS	batteryPack	boxdata	Battery charging status.
5140	BD_CARRIER_BATTERY_PACK_ALARM_LIST	boxdata		Message from carrier. Alarm description.
5141	BD_CARRIER_BATTERY_PACK_ALARM_TYPE	boxdata		Battery pack message from carrier. Alarm type reported by the battery.
5142	BD_CARRIER_BATTERY_PACK_ALARM_CODE	boxdata		Battery pack message from carrier. Alarm code reported by the battery.
5143	BD_CARRIER_BATTERY_PACK_ALARM_DESCRIPTION	boxdata		Battery pack message from carrier. Alarm description.
5144	BD_CARGOMONITOR_PEOPLE_DETECTED	boxdata		Picture people detection
5145	BD_TPMS_TYRE_AIR_LEAKAGE_DETECTION	tpms	boxdata	The tyre air leakage detection for tpms. Datatype Map<String,String>.
5146	BD_TPMS_TYRE_PRESSURE_THRESHOLD_DETECTION	tpms	boxdata	The tyre pressure treshold detection for tpms. Datatype Map<String,String>.
5147	BD_TPMS_WHEEL_UNIT_SENSOR_MANUFACTURER	tpms	boxdata	The tyre wheel unit sensor manufacturer for tpms. Datatype Map<String,Integer>.
5148	BD_TPMS_TYRE_VIRTUAL_PRESSURE	tpms	boxdata	The tyre virtual pressure for tpms Datatype Map<String,Float>.
5149	BD_TPMS_WHEEL_UNIT_SENSOR_MOVEMENT	tpms	boxdata	The tyre wheel unit sensor movement for tpms. Datatype Map<String,Integer>.
5150	BD_TPMS_WHEEL_UNIT_SENSOR_ROTATION	tpms	boxdata	The tyre wheel unit sensor rotation for tpms. Datatype Map<String,Integer>.
5151	BD_TPMS_TYRE_PRESSURE_STATUS	tpms	boxdata	The tyre pressure status for tpms. Datatype Map<String,Integer>.
5152	BD_TPMS_TYRE_TEMPERATURE_STATUS	tpms	boxdata	The tyre temperature status for tpms. Datatype Map<String,Integer>.
5153	BD_TPMS_WHEEL_UNIT_SENSOR_ID	tpms	boxdata	The wheel unit sensor ID for tpms. Datatype Map<String,String>.
5154	BD_BATTERY_PACK_PROVIDER	batteryPack	boxdata	Provider of the Battery Pack, Datatype String.
5155	BD_BATTERY_PACK_LCV_POWER_MODE	batteryPack	boxdata	Lcv power mode, Datatype Float
5156	BD_BATTERY_PACK_LOW_BATTERY_SINCE	batteryPack	boxdata	The battery's charge dropped below 20% from dateTime, Datatype Date & String
5157	BD_BATTERY_PACK_ASSET_ID	batteryPack	boxdata	Lynx system unique Asset identifier, Datatype String