Found Message: file id

- Found Field: file id -> serial number
- Found Field: file_id -> time_created
- Found Field: file id -> manufacturer
- Found Field: file id -> product
- Found Field: file_id -> type

Found Message: file_creator

- Found Field: file creator -> software version

Found Message: event

- Found Field: event -> timestamp
- Found Field: event -> data
- Found Field: event -> event
- Found Field: event -> event_type
- Found Field: event -> event_group

Found Message: device info

- Found Field: device info -> timestamp
- Found Field: device_info -> serial_number
- Found Field: device info -> manufacturer
- Found Field: device info -> product
- Found Field: device_info -> software_version
- Found Field: device_info -> device_index
- Found Field: device_info -> source_type
- Found Field: device_info -> device_type
- Found Field: device info -> cum operating time
- Found Field: device_info -> battery_voltage
- Found Field: device info -> hardware version
- Found Field: device info -> battery status
- Found Field: device_info -> ant_network

Found Message: device_settings

- Found Field: device_settings -> utc_offset
- Found Field: device_settings -> active_time_zone
- Found Field: device settings -> time zone offset

Found Message: user_profile

- Found Field: user profile -> friendly name
- Found Field: user_profile -> weight
- Found Field: user profile -> gender
- Found Field: user_profile -> age
- Found Field: user profile -> height
- Found Field: user profile -> language
- Found Field: user_profile -> elev_setting
- Found Field: user_profile -> weight_setting
- Found Field: user profile -> resting heart rate
- Found Field: user profile -> default max biking heart rate
- Found Field: user_profile -> default_max_heart_rate
- Found Field: user_profile -> hr_setting
- Found Field: user_profile -> speed_setting
- Found Field: user profile -> dist setting
- Found Field: user profile -> power setting
- Found Field: user_profile -> activity_class
- Found Field: user_profile -> position_setting
- Found Field: user profile -> temperature setting

Found Message: sport

- Found Field: sport -> name
- Found Field: sport -> sport
- Found Field: sport -> sub sport

Found Message: zones_target

- Found Field: zones target -> functional threshold power
- Found Field: zones_target -> threshold_heart_rate
- Found Field: zones target -> hr calc type
- Found Field: zones target -> pwr calc type

Found Message: record

- Found Field: record -> timestamp
- Found Field: record -> position lat
- Found Field: record -> position long
- Found Field: record -> distance
- Found Field: record -> enhanced speed
- Found Field: record -> enhanced altitude
- Found Field: record -> heart_rate
- Found Field: record -> temperature
- Found Field: record -> cadence
- Found Field: record -> fractional cadence

Found Message: lap

- Found Field: lap -> timestamp
- Found Field: lap -> start time
- Found Field: lap -> start_position_lat
- Found Field: lap -> start position long
- Found Field: lap -> end_position_lat
- Found Field: lap -> end_position_long
- Found Field: lap -> total_elapsed_time
- Found Field: lap -> total_timer_time
- Found Field: lap -> total distance
- Found Field: lap -> total cycles
- Found Field: lap -> message index
- Found Field: lap -> total calories
- Found Field: lap -> total ascent
- Found Field: lap -> total descent
- Found Field: lap -> event
- Found Field: lap -> event type
- Found Field: lap -> avg_heart_rate
- Found Field: lap -> max heart rate
- Found Field: lap -> avg cadence
- Found Field: lap -> max_cadence
- Found Field: lap -> lap trigger
- Found Field: lap -> sport
- Found Field: lap -> sub sport
- Found Field: lap -> avg_fractional_cadence
- Found Field: lap -> max_fractional_cadence

Found Message: session

- Found Field: session -> timestamp
- Found Field: session -> start time
- Found Field: session -> start position lat
- Found Field: session -> start_position_longFound Field: session -> total_elapsed_time
- Found Field: session -> total timer time
- Found Field: session -> total distance

- Found Field: session -> total_cycles
- Found Field: session -> nec lat
- Found Field: session -> nec_long
- Found Field: session -> swc_lat
- Found Field: session -> swc_long
- Found Field: session -> message_index
- Found Field: session -> total calories
- Found Field: session -> total ascent
- Found Field: session -> total descent
- Found Field: session -> first_lap_index
- Found Field: session -> num laps
- Found Field: session -> event
- Found Field: session -> event type
- Found Field: session -> sport
- Found Field: session -> sub_sport
- Found Field: session -> avg heart rate
- Found Field: session -> max_heart_rate
- Found Field: session -> avg_cadence
- Found Field: session -> max_cadence
- Found Field: session -> total training effect
- Found Field: session -> trigger
- Found Field: session -> avg_fractional_cadence
- Found Field: session -> max_fractional_cadence

Found Message: activity

- Found Field: activity -> timestamp
- Found Field: activity -> total_timer_time
- Found Field: activity -> local_timestamp
- Found Field: activity -> num_sessions
- Found Field: activity -> type
- Found Field: activity -> event
- Found Field: activity -> event_type

Types

Ctmp

key PHP unpack() format Bytes

U	Cump	ı
1	ctmp	1
2	Ctmp	1
131	vtmp	2
132	vtmp	2
133	Vtmp	4
134	Vtmp	4
7	a*tmp	1
136	ftmp	4
137	dtmp	8
10	Ctmp	1
139	vtmp	2
140	Vtmp	4
13	Ctmp	1
142	Ptmp	8
143	Ptmp	8

Messages and Fields being listened for

file_id (0)

ID	Name	Scale	Offset Units
0	type	1	0
1	manufacturer	1	0
2	product	1	0
3	serial_number	1	0
4	time_created	1	0
5	number	1	0

device_settings (2)

ID	Name	Scale	Offset	Units
0	active_time_zone	1	0	
1	utc_offset	1	0	
5	time_zone_offset	4	0	hr

user_profile (3)

ID	Name	Scale	Offset	Units
0	friendly_name	1	0	
1	gender	1	0	
2	age	1	0	years
3	height	100	0	m
4	weight	10	0	kg
5	language	1	0	
6	elev_setting	1	0	
7	weight_setting	1	0	
8	resting_heart_rate	1	0	bpm
10	default_max_biking_heart_rate	1	0	bpm
11	default_max_heart_rate	1	0	bpm
12	hr_setting	1	0	
13	speed_setting	1	0	
14	dist_setting	1	0	
16	power_setting	1	0	
17	activity_class	1	0	
18	position_setting	1	0	

Scale Offset Units ID Name 0 1

21 temperature_setting

zones_target (7)

I	D	Name	Scale	Offset Units
•	1	max_heart_rate	1	0
2	2	threshold_heart_rate	1	0
3	3	functional_threshold_power	1	0
Į	5	hr_calc_type	1	0
7	7	pwr_calc_type	1	0

sport (12)

ID Name Scale Offset Units

0 sport 1 0

1 sub_sport 1 0

3 name 0

session (18)

ID	Name	Scale	Offset	Units
0	event	1	0	
1	event_type	1	0	
2	start_time	1	0	
3	start_position_lat	1	0	semicircles
4	start_position_long	1	0	semicircles
5	sport	1	0	semicircles
6	sub_sport	1	0	
7	total_elapsed_time	1000	0	s
8	total_timer_time	1000	0	s
9	total_distance	100	0	m
10	total_cycles	1	0	cycles
11	total_calories	1	0	kcal
13	total_fat_calories	1	0	kcal
14	avg_speed	1000	0	m/s
15	max_speed	1000	0	m/s
16	avg_heart_rate	1	0	bpm
17	max_heart_rate	1	0	bpm
18	avg_cadence	1	0	rpm
19	max_cadence	1	0	rpm
20	avg_power	1	0	watts
21	max_power	1	0	watts

ID	Name	Scale	Offset	Units
22	total_ascent	1	0	m
23	total_descent	1	0	m
24	total_training_effect	10	0	
25	first_lap_index	1	0	
	num_laps	1	0	
27	event_group	1	0	
28	trigger	1	0	,
29	nec_lat	1	0	semicircles
30	nec_long	1	0	semicircles
31	swc_lat	1	0	semicircles
32	swc_long	1	0	semicircles
	normalized_power	1 10	0	watts
36	training_stress_score intensity_factor	1000	0	tss if
37	left_right_balance	1	0	Ш
41	avg_stroke_count	10	0	strokes/lap
42		100	0	m
43	swim_stroke	1	0	swim_stroke
44	pool_length	100	0	m
45	threshold_power	1	0	watts
	pool_length_unit	1	0	Watto
47	num_active_lengths	1	0	lengths
48	total work	1	0	J
65	time in hr zone	1000	0	S
68	time in power zone	1000	0	S
89	avg_vertical_oscillation	10	0	mm
90	avg_stance_time_percent	100	0	percent
91	avg_stance_time	10	0	ms
92	avg_fractional_cadence	128	0	rpm
93	max_fractional_cadence	128	0	rpm
94	total_fractional_cycles	128	0	cycles
101	avg_left_torque_effectiveness	2	0	percent
102	avg_right_torque_effectiveness	2	0	percent
103	avg_left_pedal_smoothness	2	0	percent
104	avg_right_pedal_smoothness	2	0	percent
105	$avg_combined_pedal_smoothness$	2	0	percent
	sport_index	1	0	
	time_standing	1000	0	S
	stand_count	1	0	
	avg_left_pco	1	0	mm
	avg_right_pco	1	0	mm
	avg_left_power_phase	0.7111111		degrees
	avg_left_power_phase_peak	0.7111111		degrees
	avg_right_power_phase	0.7111111		degrees
	avg_right_power_phase_peak	0.7111111		degrees
120	avg_power_position	1	0	watts

ID	Name	Scale	Offset	t Units
121 max_power_	position	1	0	watts
122 avg_cadence	e_position	1	0	rpm
123 max_cadenc	e_position	1	0	rpm
253 timestamp		1	0	S
254 message_inc	lex	1	0	

lap (19)

ID	Name	Scale	Offset	Units
0	event	1	0	
1	event_type	1	0	
2	start_time	1	0	
3	start_position_lat	1	0	semicircles
4	start_position_long	1	0	semicircles
5	end_position_lat	1	0	semicircles
6	end_position_long	1	0	semicircles
7	total_elapsed_time	1000	0	S
8	total_timer_time	1000	0	S
9	total_distance	100	0	m
10	total_cycles	1	0	cycles
11	total_calories	1	0	kcal
12	total_fat_calories	1	0	kcal
13	avg_speed	1000	0	m/s
14	max_speed	1000	0	m/s
15	avg_heart_rate	1	0	bpm
16	max_heart_rate	1	0	bpm
17	avg_cadence	1	0	rpm
18	max_cadence	1	0	rpm
19	avg_power	1	0	watts
20	max_power	1	0	watts
21	total_ascent	1	0	m
22	total_descent	1	0	m
23	intensity	1	0	
24	lap_trigger	1	0	
25	sport	1	0	
26	event_group	1	0	
32	num_lengths	1	0	lengths
33	normalized_power	1	0	watts
34	left_right_balance	1	0	
35	first_length_index	1	0	
37	avg_stroke_distance	100	0	m
38	swim_stroke	1	0	
39	sub_sport	1	0	
40	num_active_lengths	1	0	lengths
41	total_work	1	0	J

ID	Name	Scale	Offset	Units
57	time_in_hr_zone	1000	0	S
60	time_in_power_zone	1000	0	S
71	wkt_step_index	1	0	
77	avg_vertical_oscillation	10	0	mm
78	avg_stance_time_percent	100	0	percent
79	avg_stance_time	10	0	ms
80	avg_fractional_cadence	128	0	rpm
81	max_fractional_cadence	128	0	rpm
82	total_fractional_cycles	128	0	cycles
91	avg_left_torque_effectiveness	2	0	percent
92	avg_right_torque_effectiveness	2	0	percent
93	avg_left_pedal_smoothness	2	0	percent
94	avg_right_pedal_smoothness	2	0	percent
95	avg_combined_pedal_smoothness	2	0	percent
98	time_standing	1000	0	S
99	stand_count	1	0	
100	avg_left_pco	1	0	mm
101	avg_right_pco	1	0	mm
102	avg_left_power_phase	0.7111111	0	degrees
103	avg_left_power_phase_peak	0.7111111	0	degrees
104	avg_right_power_phase	0.7111111	0	degrees
105	avg_right_power_phase_peak	0.7111111	0	degrees
106	avg_power_position	1	0	watts
107	max_power_position	1	0	watts
108	avg_cadence_position	1	0	rpm
109	max_cadence_position	1	0	rpm
253	timestamp	1	0	S
254	message_index	1	0	

record (20)

ID	Name	Scale	Offset	Units
0	position_lat	1	0	semicircles
1	position_long	1	0	semicircles
2	altitude	5	500	m
3	heart_rate	1	0	bpm
4	cadence	1	0	rpm
5	distance	100	0	m
6	speed	1000	0	m/s
7	power	1	0	watts
8	compressed_speed_distance	100	0	m/s,m
9	grade	100	0	percent
10	resistance	1	0	
11	time_from_course	1000	0	s
12	cycle_length	100	0	m

ID	Name	Scale	Offset	Units
13	temperature	1	0	С
17	speed_1s	16	0	m/s
18	cycles	1	0	cycles
19	total_cycles	1	0	cycles
28	compressed_accumulated_power	1	0	watts
29	accumulated_power	1	0	watts
30	left_right_balance	1	0	
31	gps_accuracy	1	0	m
32	vertical_speed	1000	0	m/s
33	calories	1	0	kcal
39	vertical_oscillation	10	0	mm
40 41	stance_time_percent	100 10	0	percent
42	stance_time	10	0	ms
43	activity_type left_torque_effectiveness	2	0	percent
44	right_torque_effectiveness	2	0	percent
45	left_pedal_smoothness	2	0	percent
46	right_pedal_smoothness	2	0	percent
47	combined_pedal_smoothness	2	0	percent
48	time128	128	0	S
49	stroke_type	1	0	Ü
50	zone	1	0	
51	ball_speed	100	0	m/s
52	cadence256	256	0	rpm
53	fractional_cadence	128	0	rpm
54	total_hemoglobin_conc	100	0	g/dL
55	total_hemoglobin_conc_min	100	0	g/dL
56	total_hemoglobin_conc_max	100	0	g/dL
57	saturated_hemoglobin_percent	10	0	%
58	saturated_hemoglobin_percent_min	10	0	%
59	saturated_hemoglobin_percent_max	10	0	%
62	device_index	1	0	
67	left_pco	1	0	mm
68	right_pco	1	0	mm
69	left_power_phase	0.7111111		degrees
70	left_power_phase_peak	0.7111111		degrees
71	right_power_phase	0.7111111		degrees
72	right_power_phase_peak	0.7111111		degrees
73	enhanced_speed	1000	0	m/s
78	enhanced_altitude	5	500	m
81	battery_soc	2	0	percent
82	motor_power	1	0	watts
83	vertical_ratio	100	0	percent
84	stance_time_balance	100	0	percent
85	step_length	10	0	mm
253	timestamp	1	0	S

event (21)

ID	Name	Scale	Offset Units
0	event	1	0
1	event_type	1	0
3	data	1	0
4	event_group	1	0
253	timestamp	1	0 s

device_info (23)

ID	Name	Scale	Offset Units
0	device_index	1	0
1	device_type	1	0
2	manufacturer	1	0
3	serial_number	1	0
4	product	1	0
5	software_version	1	0
6	hardware_version	1	0
7	cum_operating_time	1	0
10	battery_voltage	1	0
11	battery_status	1	0
20	ant_transmission_type	1	0
21	ant_device_number	1	0
22	ant_network	1	0
25	source_type	1	0
253	timestamp	1	0 s

activity (34)

ID	Name	Scale	Offset	Units
0	total_timer_time	1000	0	S
1	num_sessions	1	0	
2	type	1	0	
3	event	1	0	
4	event_type	1	0	
5	local_timestamp	1	0	
6	event_group	1	0	
253	timestamp	1	0	S

file_creator (49)

ID Name Scale Offset Units0 software_version 1 01 hardware_version 1 0

hrv (78)

ID Name Scale Offset Units

0 time 1000 0 s

length (101)

ID	Name	Scale	Offset	Units
0	event	1	0	
1	event_type	1	0	
2	start_time	1	0	
3	total_elapsed_time	1000	0	s
4	total_timer_time	1000	0	s
5	total_strokes	1	0	strokes
6	avg_speed	1000	0	m/s
7	swim_stroke	1	0	swim_stroke
9	avg_swimming_cadence	1	0	strokes/min
10	event_group	1	0	
11	total_calories	1	0	kcal
12	length_type	1	0	
253	timestamp	1	0	S
254	message_index	1	0	

hr (132)

ID	Name	Scale	Offset	Units
0	$fractional_timestamp$	32768	0	S
1	time256	256	0	S
6	filtered_bpm	1	0	bpm
9	event_timestamp	1	0	S
10	event_timestamp_12	1	0	S
253	timestamp	1	0	S

segment_lap (142)

ID	Name	Scale	Offset	Units
0	event	1	0	
1	event_type	1	0	
2	start_time	1	0	
3	start_position_lat	1	0	semicircles
4	start_position_long	1	0	semicircles
5	end_position_lat	1	0	semicircles
6	end_position_long	1	0	semicircles
7	total_elapsed_time	1000	0	S
8	total_timer_time	1000	0	S
9	total_distance	100	0	m
10	total_cycles	1	0	cycles
11	total_calories	1	0	kcal
12 13	total_fat_calories	1 1000	0	kcal m/s
14	avg_speed	1000	0	m/s
15	max_speed avg_heart_rate	1	0	
16	max_heart_rate	1	0	bpm bpm
17	avg_cadence	1	0	•
18	max_cadence	1	0	rpm
19	avg_power	1	0	rpm watts
20	max_power	1	0	watts
21	total_ascent	1	0	m
22	total_descent	1	0	m
23	sport	1	0	111
24	event_group	1	0	
25	nec lat	1	0	semicircles
26	nec_long	1	0	semicircles
27	swc lat	1	0	semicircles
28	swc_long	1	0	semicircles
29	name	1	0	
30	normalized_power	1	0	watts
31	left_right_balance	1	0	
32	sub_sport	1	0	
33	total_work	1	0	J
58	sport_event	1	0	
59	avg_left_torque_effectiveness	2	0	percent
60	avg_right_torque_effectiveness	2	0	percent
61	avg_left_pedal_smoothness	2	0	percent
62	avg_right_pedal_smoothness	2	0	percent
63	avg_combined_pedal_smoothness	2	0	percent
64	status	1	0	
65	uuid	1	0	
66	avg_fractional_cadence	128	0	rpm
67	max_fractional_cadence	128	0	rpm
68	total_fractional_cycles	128	0	cycles
69	front_gear_shift_count	1	0	

ID	Name	Scale	Offset	Units
70	rear_gear_shift_count	1	0	
71	time_standing	1000	0	S
72	stand_count	1	0	
73	avg_left_pco	1	0	mm
74	avg_right_pco	1	0	mm
75	avg_left_power_phase	0.7111111	0	degrees
76	avg_left_power_phase_peak	0.7111111	0	degrees
77	avg_right_power_phase	0.7111111	0	degrees
78	avg_right_power_phase_peak	0.7111111	0	degrees
79	avg_power_position	1	0	watts
80	max_power_position	1	0	watts
81	avg_cadence_position	1	0	rpm
82	max_cadence_position	1	0	rpm
253	timestamp	1	0	S
254	message_index	1	0	

field_description (206)

ID	Name	Scale	Offset Units
0	developer_data_index	1	0
1	field_definition_number	1	0
2	fit_base_type_id	1	0
3	field_name	1	0
4	array	1	0
5	components	1	0
6	scale	1	0
7	offset	1	0
8	units	1	0
9	bits	1	0
10	accumulate	1	0
13	fit_base_unit_id	1	0
14	native_mesg_num	1	0
15	native_field_num	1	0

developer_data_id (207)

ID	Name	Scale	Offset Units
0	developer_id	1	0
1	application_id	1	0
2	manufacturer_id	1	0
3	developer_data_index	1	0
4	application_version	1	0

dive_settings (258)

ID	Name	Scale	Offset	Units
0	name	1	0	
1	model	1	0	
2	gf_low	1	0	percent
3	gf_high	1	0	percent
4	water_type	1	0	
5	water_density	1	0	kg/m^3
6	po2_warn	100	0	percent
7	po2_critical	100	0	percent
8	po2_deco	100	0	percent
9	safety_stop_enabled	1	0	
10	bottom_depth	1	0	
11	bottom_time	1	0	
12	apnea_countdown_enabled	1	0	
13	apnea_countdown_time	1	0	
14	backlight_mode	1	0	
15	backlight_brightness	1	0	
16	backlight_timeout	1	0	
17	repeat_dive_interval	1	0	S
18	safety_stop_time	1	0	S
19	heart_rate_source_type	1	0	
20	heart_rate_source	1	0	
254	message_index	1	0	

dive_gas (259)

ID	Name	Scale	Offset	Units
0	helium_content	1	0	percent
1	oxygen_content	1	0	percent
2	status	1	0	
254	message_index	1	0	

dive_alarm (262)

ID	Name	Scale	Offset	Units
0	depth	1000	0	m
1	time	1	0	S
2	enabled	1	0	
3	alarm_type	1	0	
4	sound	1	0	
254	message_index	1	0	

dive_summary (268)

ID	Name	Scale	Offset	Units
0	reference_mesg	1	0	
1	reference_index	1	0	
2	avg_depth	1000	0	m
3	max_depth	1000	0	m
4	surface_interval	1	0	S
5	start_cns	1	0	percent
6	end_cns	1	0	percent
7	start_n2	1	0	percent
8	end_n2	1	0	percent
9	o2_toxicity	1	0	OTUs
10	dive_number	1	0	
11	bottom_time	1000	0	S
253	timestamp	1	0	S

FIT Definition Messages contained within the file

defn: 3; size: 4; type: 140 (serial_number) defn: 4; size: 4; type: 134 (time_created) defn: 7; size: 4; type: 134 (unknown) 0 (file_id) 7 defn: 1; size: 2; type: 132 (manufacturer) defn: 2; size: 2; type: 132 (product) defn: 5; size: 2; type: 132 (number)	
0 (file_id) 7 defn: 1; size: 2; type: 132 (manufacturer) 19 defn: 2; size: 2; type: 132 (product)	
defn: 0; size: 1; type: 0 (type)	
2 (device_settings) 71 defn: 1; size: 4; type: 134 (utc_offset) defn: 2; size: 4; type: 132 (unknown) defn: 49; size: 2; type: 132 (unknown) defn: 58; size: 2; type: 132 (unknown) defn: 59; size: 2; type: 132 (unknown) defn: 0; size: 1; type: 2 (active_time_zone) defn: 3; size: 1; type: 0 (unknown) defn: 4; size: 1; type: 0 (unknown) defn: 5; size: 1; type: 0 (unknown) defn: 10; size: 1; type: 0 (unknown) defn: 11; size: 1; type: 0 (unknown) defn: 12; size: 1; type: 0 (unknown) defn: 13; size: 1; type: 0 (unknown) defn: 14; size: 1; type: 2 (unknown) defn: 15; size: 1; type: 2 (unknown) defn: 16; size: 1; type: 0 (unknown) defn: 17; size: 1; type: 0 (unknown) defn: 18; size: 1; type: 0 (unknown) defn: 18; size: 1; type: 0 (unknown) defn: 22; size: 1; type: 0 (unknown) defn: 23; size: 1; type: 0 (unknown) defn: 23; size: 1; type: 0 (unknown) defn: 25; size: 1; type: 0 (unknown)	

```
defn: 26; size: 1; type: 0 (unknown)
defn: 29; size: 1; type: 0 (unknown)
defn: 30; size: 1; type: 0 (unknown)
defn: 33; size: 1; type: 2 (unknown)
defn: 35; size: 1; type: 0 (unknown)
defn: 36; size: 1; type: 0 (unknown)
defn: 38; size: 1; type: 0 (unknown)
defn: 41; size: 1; type: 0 (unknown)
defn: 46; size: 1; type: 0 (unknown)
defn: 47; size: 1; type: 0 (unknown)
defn: 48; size: 1; type: 0 (unknown)
defn: 52; size: 1; type: 0 (unknown)
defn: 53; size: 1; type: 0 (unknown)
defn: 54; size: 1; type: 0 (unknown)
defn: 63; size: 3; type: 0 (unknown)
defn: 65; size: 1; type: 0 (unknown)
defn: 66; size: 1; type: 0 (unknown)
defn: 75; size: 1; type: 0 (unknown)
defn: 76; size: 1; type: 0 (unknown)
defn: 77; size: 1; type: 0 (unknown)
defn: 80; size: 1; type: 0 (unknown)
defn: 81; size: 1; type: 0 (unknown)
defn: 85; size: 1; type: 0 (unknown)
defn: 91; size: 2; type: 10 (unknown)
defn: 94; size: 1; type: 2 (unknown)
defn: 97; size: 1; type: 10 (unknown)
defn: 98; size: 1; type: 0 (unknown)
defn: 101; size: 1; type: 0 (unknown)
defn: 106; size: 1; type: 0 (unknown)
defn: 109; size: 1; type: 0 (unknown)
defn: 110; size: 1; type: 0 (unknown)
defn: 111; size: 1; type: 0 (unknown)
defn: 116; size: 1; type: 0 (unknown)
defn: 117; size: 1; type: 0 (unknown)
defn: 121; size: 1; type: 0 (unknown)
defn: 129; size: 1; type: 0 (unknown)
defn: 130; size: 1; type: 0 (unknown)
defn: 131; size: 1; type: 0 (unknown)
defn: 135; size: 1; type: 0 (unknown)
defn: 137; size: 1; type: 0 (unknown)
defn: 144; size: 1; type: 0 (unknown)
defn: 148; size: 1; type: 0 (unknown)
defn: 170; size: 15; type: 2 (unknown)
defn: 173; size: 1; type: 0 (unknown)
defn: 189; size: 1; type: 0 (unknown)
defn: 196; size: 1; type: 10 (unknown)
defn: 215; size: 1; type: 0 (unknown)
defn: 218; size: 1; type: 0 (unknown)
defn: 219; size: 1; type: 0 (unknown)
defn: 236; size: 1; type: 0 (unknown)
defn: 0; size: 16; type: 7 (friendly name)
defn: 28; size: 4; type: 134 (unknown)
defn: 29; size: 4; type: 134 (unknown)
defn: 35; size: 4; type: 134 (unknown)
```

defn: 40; size: 4; type: 136 (unknown)

defn: 42; size: 4; type: 134 (unknown)

defn: 10; size: 3; type: 2 (unknown) defn: 12; size: 1; type: 2 (unknown) defn: 15; size: 1; type: 0 (unknown) defn: 17; size: 1; type: 0 (unknown) defn: 18; size: 1; type: 0 (unknown)

```
field defns
global mesg num num fields
                                                                                          total size
                                 defn: 22; size: 1; type: 0 (unknown)
                                 defn: 23; size: 1; type: 0 (unknown)
                                 defn: 4; size: 4; type: 134 (unknown)
                                 defn: 5; size: 4; type: 133 (unknown)
                                 defn: 6; size: 4; type: 133 (unknown)
                                 defn: 31; size: 4; type: 134 (unknown)
                                 defn: 33; size: 4; type: 134 (unknown)
                                 defn: 54; size: 4; type: 134 (unknown)
                                 defn: 73; size: 4; type: 133 (unknown)
                                 defn: 74; size: 4; type: 133 (unknown)
                                 defn: 90; size: 4; type: 134 (unknown)
                                 defn: 254; size: 2; type: 132 (unknown)
                                 defn: 2; size: 2; type: 132 (unknown)
                                 defn: 8; size: 2; type: 132 (unknown)
                                 defn: 10; size: 2; type: 132 (unknown)
                                 defn: 19; size: 2; type: 132 (unknown)
                                 defn: 32; size: 2; type: 132 (unknown)
                                 defn: 52; size: 2; type: 132 (unknown)
                                 defn: 64; size: 2; type: 132 (unknown)
                                 defn: 69; size: 2; type: 132 (unknown)
                                 defn: 80; size: 2; type: 132 (unknown)
                                 defn: 1; size: 1; type: 0 (unknown)
                                 defn: 3; size: 1; type: 0 (unknown)
                                 defn: 7; size: 1; type: 0 (unknown)
                                 defn: 9; size: 1; type: 0 (unknown)
                                 defn: 12; size: 1; type: 0 (unknown)
                                 defn: 13; size: 1; type: 0 (unknown)
                                 defn: 14; size: 1; type: 0 (unknown)
13 (unknown)
                    52
                                                                                          89
                                 defn: 15; size: 1; type: 0 (unknown)
                                 defn: 18; size: 1; type: 0 (unknown)
                                 defn: 25; size: 1; type: 0 (unknown)
                                 defn: 27; size: 1; type: 0 (unknown)
                                 defn: 30; size: 1; type: 0 (unknown)
                                 defn: 34; size: 1; type: 0 (unknown)
                                 defn: 50; size: 1; type: 0 (unknown)
                                 defn: 51; size: 1; type: 0 (unknown)
                                 defn: 53; size: 1; type: 0 (unknown)
                                 defn: 58; size: 1; type: 0 (unknown)
                                 defn: 62; size: 1; type: 0 (unknown)
                                 defn: 63; size: 1; type: 0 (unknown)
                                 defn: 67; size: 1; type: 0 (unknown)
                                 defn: 70; size: 1; type: 0 (unknown)
                                 defn: 75; size: 1; type: 0 (unknown)
                                 defn: 76; size: 1; type: 0 (unknown)
                                 defn: 78; size: 1; type: 0 (unknown)
                                 defn: 83; size: 1; type: 0 (unknown)
                                 defn: 84; size: 1; type: 0 (unknown)
                                 defn: 89; size: 1; type: 0 (unknown)
                                 defn: 93; size: 1; type: 0 (unknown)
                                 defn: 99; size: 1; type: 0 (unknown)
                                 defn: 111; size: 1; type: 0 (unknown)
                                 defn: 117; size: 1; type: 0 (unknown)
                                 defn: 118; size: 1; type: 0 (unknown)
                                 defn: 119; size: 1; type: 0 (unknown)
18 (session)
                    98
                                 defn: 253; size: 4; type: 134 (timestamp)
                                                                                          245
                                 defn: 2; size: 4; type: 134 (start time)
```

```
field defns
```

```
defn: 3; size: 4; type: 133 (start position lat)
defn: 4; size: 4; type: 133 (start_position_long)
defn: 7; size: 4; type: 134 (total_elapsed_time)
defn: 8; size: 4; type: 134 (total timer time)
defn: 9; size: 4; type: 134 (total distance)
defn: 10; size: 4; type: 134 (total_cycles)
defn: 29; size: 4; type: 133 (nec lat)
defn: 30; size: 4; type: 133 (nec_long)
defn: 31; size: 4; type: 133 (swc_lat)
defn: 32; size: 4; type: 133 (swc_long)
defn: 38; size: 4; type: 133 (unknown)
defn: 39; size: 4; type: 133 (unknown)
defn: 48; size: 4; type: 134 (total work)
defn: 110; size: 32; type: 7 (unknown)
defn: 112; size: 4; type: 134 (time standing)
defn: 116; size: 4; type: 2 (avg_left_power_phase)
defn: 117; size: 4; type: 2
(avg left power phase peak)
defn: 118; size: 4; type: 2 (avg_right_power_phase)
defn: 119; size: 4; type: 2
(avg_right_power_phase_peak)
defn: 120; size: 4; type: 132 (avg_power_position)
defn: 121; size: 4; type: 132 (max_power_position)
defn: 124; size: 4; type: 134 (unknown)
defn: 125; size: 4; type: 134 (unknown)
defn: 168; size: 4; type: 133 (unknown)
defn: 181; size: 4; type: 136 (unknown)
defn: 187; size: 4; type: 136 (unknown)
defn: 203; size: 4; type: 134 (unknown)
defn: 254; size: 2; type: 132 (message index)
defn: 11; size: 2; type: 132 (total calories)
defn: 13; size: 2; type: 132 (total_fat_calories)
defn: 20; size: 2; type: 132 (avg_power)
defn: 21; size: 2; type: 132 (max_power)
defn: 22; size: 2; type: 132 (total ascent)
defn: 23; size: 2; type: 132 (total descent)
defn: 25; size: 2; type: 132 (first_lap_index)
defn: 26; size: 2; type: 132 (num_laps)
defn: 34; size: 2; type: 132 (normalized power)
defn: 35; size: 2; type: 132 (training_stress_score)
defn: 36; size: 2; type: 132 (intensity factor)
defn: 37; size: 2; type: 132 (left_right_balance)
defn: 45; size: 2; type: 132 (threshold power)
defn: 106; size: 2; type: 132 (unknown)
defn: 107; size: 2; type: 132 (unknown)
defn: 108; size: 2; type: 132 (unknown)
defn: 113; size: 2; type: 132 (stand_count)
defn: 139; size: 2; type: 132 (unknown)
defn: 151; size: 2; type: 132 (unknown)
defn: 169; size: 2; type: 132 (unknown)
defn: 170; size: 2; type: 132 (unknown)
defn: 177; size: 2; type: 132 (unknown)
defn: 178; size: 2; type: 132 (unknown)
defn: 179; size: 2; type: 132 (unknown)
defn: 180; size: 2; type: 132 (unknown)
defn: 183; size: 2; type: 132 (unknown)
defn: 196; size: 2; type: 132 (unknown)
```

```
defn: 204; size: 2; type: 132 (unknown)
defn: 0; size: 1; type: 0 (event)
defn: 1; size: 1; type: 0 (event_type)
defn: 5; size: 1; type: 0 (sport)
defn: 6; size: 1; type: 0 (sub sport)
defn: 16; size: 1; type: 2 (avg_heart_rate)
defn: 17; size: 1; type: 2 (max_heart_rate)
defn: 18; size: 1; type: 2 (avg_cadence)
defn: 19; size: 1; type: 2 (max_cadence)
defn: 24; size: 1; type: 2 (total training effect)
defn: 27; size: 1; type: 2 (event_group)
defn: 28; size: 1; type: 0 (trigger)
defn: 57; size: 1; type: 1 (unknown)
defn: 58; size: 1; type: 1 (unknown)
defn: 81; size: 1; type: 0 (unknown)
defn: 92; size: 1; type: 2 (avg fractional cadence)
defn: 93; size: 1; type: 2 (max_fractional_cadence)
defn: 94; size: 1; type: 2 (total fractional cycles)
defn: 101; size: 1; type: 2
(avg left torque effectiveness)
defn: 102; size: 1; type: 2
(avg right torque effectiveness)
defn: 103; size: 1; type: 2
(avg left pedal smoothness)
defn: 104; size: 1; type: 2
(avg right pedal smoothness)
defn: 105; size: 1; type: 2
(avg combined pedal smoothness)
defn: 109; size: 1; type: 2 (unknown)
defn: 111; size: 1; type: 2 (sport index)
defn: 114; size: 1; type: 1 (avg left pco)
defn: 115; size: 1; type: 1 (avg_right_pco)
defn: 122; size: 2; type: 2 (avg_cadence_position)
defn: 123; size: 2; type: 2 (max_cadence_position)
defn: 137; size: 1; type: 2 (unknown)
defn: 138; size: 2; type: 2 (unknown)
defn: 150; size: 1; type: 1 (unknown)
defn: 184; size: 1; type: 0 (unknown)
defn: 185; size: 1; type: 2 (unknown)
defn: 188; size: 1; type: 0 (unknown)
defn: 192; size: 1; type: 2 (unknown)
defn: 193; size: 1; type: 2 (unknown)
defn: 202; size: 1; type: 2 (unknown)
defn: 205; size: 1; type: 2 (unknown)
defn: 206; size: 1; type: 2 (unknown)
defn: 207; size: 1; type: 2 (unknown)
defn: 253; size: 4; type: 134 (timestamp)
                                                         176
defn: 2; size: 4; type: 134 (start_time)
defn: 3; size: 4; type: 133 (start_position_lat)
defn: 4; size: 4; type: 133 (start_position_long)
defn: 5; size: 4; type: 133 (end_position_lat)
defn: 6; size: 4; type: 133 (end position long)
defn: 7; size: 4; type: 134 (total_elapsed_time)
defn: 8; size: 4; type: 134 (total_timer_time)
defn: 9; size: 4; type: 134 (total distance)
defn: 10; size: 4; type: 134 (total cycles)
```

19 (lap)

75

```
defn: 27; size: 4; type: 133 (unknown)
defn: 28; size: 4; type: 133 (unknown)
defn: 29; size: 4; type: 133 (unknown)
defn: 30; size: 4; type: 133 (unknown)
defn: 41; size: 4; type: 134 (total work)
defn: 98; size: 4; type: 134 (time standing)
defn: 102; size: 4; type: 2 (avg_left_power_phase)
defn: 103; size: 4; type: 2
(avg left power phase peak)
defn: 104; size: 4; type: 2 (avg_right_power_phase)
defn: 105; size: 4; type: 2
(avg_right_power_phase_peak)
defn: 106; size: 4; type: 132 (avg power position)
defn: 107; size: 4; type: 132 (max power position)
defn: 110; size: 4; type: 134 (unknown)
defn: 111; size: 4; type: 134 (unknown)
defn: 149; size: 4; type: 136 (unknown)
defn: 154; size: 4; type: 136 (unknown)
defn: 254; size: 2; type: 132 (message index)
defn: 11; size: 2; type: 132 (total_calories)
defn: 12; size: 2; type: 132 (total_fat_calories)
defn: 19; size: 2; type: 132 (avg_power)
defn: 20; size: 2; type: 132 (max_power)
defn: 21; size: 2; type: 132 (total ascent)
defn: 22; size: 2; type: 132 (total descent)
defn: 33; size: 2; type: 132 (normalized power)
defn: 34; size: 2; type: 132 (left_right_balance)
defn: 40; size: 2; type: 132 (num_active_lengths)
defn: 71; size: 2; type: 132 (wkt_step_index)
defn: 96; size: 2; type: 132 (unknown)
defn: 97; size: 2; type: 132 (unknown)
defn: 99; size: 2; type: 132 (stand count)
defn: 121; size: 2; type: 132 (unknown)
defn: 136; size: 2; type: 132 (unknown)
defn: 137; size: 2; type: 132 (unknown)
defn: 143; size: 2; type: 132 (unknown)
defn: 145; size: 2; type: 132 (unknown)
defn: 151; size: 2; type: 132 (unknown)
defn: 155; size: 2; type: 132 (unknown)
defn: 0; size: 1; type: 0 (event)
defn: 1; size: 1; type: 0 (event type)
defn: 15; size: 1; type: 2 (avg_heart_rate)
defn: 16; size: 1; type: 2 (max heart rate)
defn: 17; size: 1; type: 2 (avg_cadence)
defn: 18; size: 1; type: 2 (max_cadence)
defn: 23; size: 1; type: 0 (intensity)
defn: 24; size: 1; type: 0 (lap_trigger)
defn: 25; size: 1; type: 0 (sport)
defn: 26; size: 1; type: 2 (event_group)
defn: 39; size: 1; type: 0 (sub_sport)
defn: 50; size: 1; type: 1 (unknown)
defn: 51; size: 1; type: 1 (unknown)
defn: 72; size: 1; type: 0 (unknown)
defn: 80; size: 1; type: 2 (avg_fractional_cadence)
defn: 81; size: 1; type: 2 (max_fractional_cadence)
defn: 82; size: 1; type: 2 (total fractional cycles)
defn: 91; size: 1; type: 2
```

global_mesg_nun	n num_fields	field defns	total_size
		(avg_left_torque_effectiveness) defn: 92; size: 1; type: 2	
		(avg_right_torque_effectiveness)	
		defn: 93; size: 1; type: 2 (avg_left_pedal_smoothness) defn: 94; size: 1; type: 2	
		(avg_right_pedal_smoothness)	
		defn: 95; size: 1; type: 2	
		(avg_combined_pedal_smoothness) defn: 100; size: 1; type: 1 (avg_left_pco)	
		defn: 101; size: 1; type: 1 (avg_right_pco)	
		defn: 108; size: 2; type: 2 (avg_cadence_position) defn: 109; size: 2; type: 2 (max_cadence_position)	
		defn: 124; size: 1; type: 1 (unknown)	
		defn: 152; size: 1; type: 2 (unknown)	
		defn: 253; size: 4; type: 134 (timestamp) defn: 0; size: 4; type: 133 (position lat)	
		defn: 1; size: 4; type: 133 (position_long)	
		defn: 5; size: 4; type: 134 (distance) defn: 73; size: 4; type: 134 (enhanced speed)	
20 (record)	11	defn: 78; size: 4; type: 134 (enhanced_altitude)	29
		defn: 3; size: 1; type: 2 (heart_rate)	
		defn: 4; size: 1; type: 2 (cadence) defn: 13; size: 1; type: 1 (temperature)	
		defn: 53; size: 1; type: 2 (fractional_cadence)	
		defn: 107; size: 1; type: 0 (unknown) defn: 253; size: 4; type: 134 (timestamp)	
		defn: 0; size: 4; type: 134 (timestamp)	
		defn: 1; size: 4; type: 133 (position_long)	
		defn: 5; size: 4; type: 134 (distance) defn: 73; size: 4; type: 134 (enhanced speed)	
20 (record)	11	defn: 78; size: 4; type: 134 (enhanced_altitude)	29
		defn: 3; size: 1; type: 2 (heart_rate) defn: 13; size: 1; type: 1 (temperature)	
		defn: 107; size: 1; type: 0 (unknown)	
		defn: 134; size: 1; type: 2 (unknown) defn: 144; size: 1; type: 2 (unknown)	
		defn: 253; size: 4; type: 134 (timestamp)	
		defn: 0; size: 4; type: 133 (position_lat)	
		defn: 1; size: 4; type: 133 (position_long) defn: 5; size: 4; type: 134 (distance)	
		defn: 73; size: 4; type: 134 (enhanced_speed)	
20 (record)	12	defn: 78; size: 4; type: 134 (enhanced_altitude)	31
,		defn: 108; size: 2; type: 132 (unknown) defn: 3; size: 1; type: 2 (heart_rate)	
		defn: 13; size: 1; type: 1 (temperature)	
		defn: 107; size: 1; type: 0 (unknown) defn: 134; size: 1; type: 2 (unknown)	
		defn: 144; size: 1; type: 2 (unknown)	
20 (record)	13	defn: 253; size: 4; type: 134 (timestamp) defn: 0; size: 4; type: 133 (position lat)	31
		defn: 0, size: 4, type: 133 (position_lat) defn: 1; size: 4; type: 133 (position_long)	
		defn: 5; size: 4; type: 134 (distance)	
		defn: 73; size: 4; type: 134 (enhanced_speed) defn: 78; size: 4; type: 134 (enhanced_altitude)	
		defn: 3; size: 1; type: 2 (heart_rate)	
		defn: 4; size: 1; type: 2 (cadence)	

global_mesg_num	num_fields	field defns	total_size
		defn: 13; size: 1; type: 1 (temperature) defn: 53; size: 1; type: 2 (fractional_cadence) defn: 107; size: 1; type: 0 (unknown) defn: 134; size: 1; type: 2 (unknown) defn: 144; size: 1; type: 2 (unknown)	
		defn: 253; size: 4; type: 134 (timestamp) defn: 0; size: 4; type: 133 (position_lat) defn: 1; size: 4; type: 133 (position_long) defn: 5; size: 4; type: 134 (distance) defn: 73; size: 4; type: 134 (enhanced_speed) defn: 78; size: 4; type: 134 (enhanced_altitude)	
20 (record)	14	defn: 108; size: 2; type: 132 (unknown) defn: 3; size: 1; type: 2 (heart_rate) defn: 4; size: 1; type: 2 (cadence) defn: 13; size: 1; type: 1 (temperature) defn: 53; size: 1; type: 2 (fractional_cadence) defn: 107; size: 1; type: 0 (unknown) defn: 134; size: 1; type: 2 (unknown) defn: 144; size: 1; type: 2 (unknown)	33
21 (event)	7	defn: 253; size: 4; type: 134 (timestamp) defn: 3; size: 4; type: 134 (data) defn: 17; size: 2; type: 132 (unknown) defn: 18; size: 2; type: 132 (unknown) defn: 0; size: 1; type: 0 (event) defn: 1; size: 1; type: 0 (event_type) defn: 4; size: 1; type: 2 (event_group)	15
21 (event)	7	defn: 253; size: 4; type: 134 (timestamp) defn: 3; size: 4; type: 134 (data) defn: 17; size: 2; type: 132 (unknown) defn: 18; size: 2; type: 132 (unknown) defn: 0; size: 1; type: 0 (event) defn: 1; size: 1; type: 0 (event_type) defn: 4; size: 1; type: 2 (event_group)	15
		defn: 253; size: 4; type: 134 (unknown) defn: 0; size: 1; type: 2 (unknown) defn: 1; size: 1; type: 2 (unknown) defn: 2; size: 1; type: 2 (unknown) defn: 3; size: 1; type: 2 (unknown)	
22 (unknown)	11	defn: 4; size: 1; type: 2 (unknown) defn: 5; size: 1; type: 0 (unknown) defn: 6; size: 1; type: 2 (unknown) defn: 7; size: 1; type: 2 (unknown) defn: 8; size: 1; type: 2 (unknown) defn: 9; size: 1; type: 2 (unknown)	14
23 (device_info)	24	defn: 253; size: 4; type: 134 (timestamp) defn: 3; size: 4; type: 140 (serial_number) defn: 7; size: 4; type: 134 (cum_operating_time) defn: 8; size: 4; type: 134 (unknown) defn: 15; size: 4; type: 134 (unknown) defn: 16; size: 4; type: 134 (unknown) defn: 24; size: 4; type: 140 (unknown) defn: 31; size: 4; type: 134 (unknown) defn: 2; size: 2; type: 132 (manufacturer) defn: 4; size: 2; type: 132 (product) defn: 5; size: 2; type: 132 (software_version)	58

global_mesg_nun	n num_fields	field defns	total_size
		defn: 10; size: 2; type: 132 (battery_voltage)	
		defn: 13; size: 2; type: 132 (unknown) defn: 0; size: 1; type: 2 (device_index)	
		defn: 1; size: 1; type: 2 (device_type)	
		defn: 6; size: 1; type: 2 (hardware_version)	
		defn: 9; size: 1; type: 2 (unknown) defn: 11; size: 1; type: 2 (battery_status)	
		defn: 18; size: 1; type: 0 (unknown)	
		defn: 22; size: 1; type: 0 (ant_network)	
		defn: 25; size: 1; type: 0 (source_type)	
		defn: 29; size: 6; type: 2 (unknown) defn: 30; size: 1; type: 2 (unknown)	
		defn: 32; size: 1; type: 2 (unknown)	
		defn: 253; size: 4; type: 134 (timestamp)	
		defn: 0; size: 4; type: 134 (total_timer_time) defn: 5; size: 4; type: 134 (local_timestamp)	
		defn: 1; size: 2; type: 132 (num_sessions)	
34 (activity)	9	defn: 2; size: 1; type: 0 (type)	19
		defn: 3; size: 1; type: 0 (event) defn: 4; size: 1; type: 0 (event_type)	
		defn: 6; size: 1; type: 2 (event_type)	
		defn: 8; size: 1; type: 7 (unknown)	
		defn: 2; size: 20; type: 7 (unknown)	
49 (file creator)	5	defn: 0; size: 2; type: 132 (software_version) defn: 1; size: 1; type: 2 (hardware_version)	25
7		defn: 3; size: 1; type: 0 (unknown)	
/		defn: 4; size: 1; type: 0 (unknown)	
79 (unknown)	32	defn: 253; size: 4; type: 134 (unknown) defn: 16; size: 4; type: 134 (unknown)	70
		defn: 17; size: 4; type: 133 (unknown)	
		defn: 18; size: 4; type: 133 (unknown)	
		defn: 19; size: 4; type: 133 (unknown) defn: 29; size: 4; type: 134 (unknown)	
		defn: 30; size: 4; type: 134 (unknown)	
		defn: 35; size: 4; type: 134 (unknown)	
		defn: 36; size: 4; type: 133 (unknown) defn: 0; size: 2; type: 132 (unknown)	
		defn: 3; size: 2; type: 132 (unknown)	
		defn: 8; size: 2; type: 132 (unknown)	
		defn: 9; size: 2; type: 132 (unknown) defn: 11; size: 2; type: 132 (unknown)	
		defn: 12; size: 2; type: 132 (unknown)	
		defn: 13; size: 2; type: 132 (unknown)	
		defn: 20; size: 2; type: 132 (unknown) defn: 33; size: 2; type: 132 (unknown)	
		defn: 34; size: 2; type: 132 (unknown)	
		defn: 37; size: 2; type: 131 (unknown)	
		defn: 1; size: 1; type: 2 (unknown) defn: 2; size: 1; type: 2 (unknown)	
		defn: 4; size: 1; type: 0 (unknown)	
		defn: 5; size: 1; type: 0 (unknown)	
		defn: 6; size: 1; type: 2 (unknown) defn: 7; size: 1; type: 1 (unknown)	
		defn: 10; size: 1; type: 2 (unknown)	
		defn: 14; size: 1; type: 2 (unknown)	
		defn: 27; size: 1; type: 2 (unknown)	

global_mesg_nun	n num fields	field defns	total_size
5 2 5	_	defn: 28; size: 1; type: 2 (unknown) defn: 31; size: 1; type: 2 (unknown) defn: 32; size: 1; type: 2 (unknown)	_
		defn: 253; size: 4; type: 134 (unknown) defn: 4; size: 4; type: 133 (unknown)	
104 (unknown)	5	defn: 0; size: 2; type: 132 (unknown) defn: 2; size: 1; type: 2 (unknown) defn: 3; size: 1; type: 1 (unknown)	12
140 (unknown)	65	defn: 253; size: 4; type: 134 (unknown) defn: 2; size: 4; type: 133 (unknown) defn: 3; size: 4; type: 133 (unknown) defn: 5; size: 4; type: 133 (unknown) defn: 6; size: 4; type: 133 (unknown) defn: 6; size: 4; type: 133 (unknown) defn: 7; size: 4; type: 133 (unknown) defn: 21; size: 4; type: 133 (unknown) defn: 24; size: 4; type: 133 (unknown) defn: 26; size: 4; type: 133 (unknown) defn: 27; size: 4; type: 133 (unknown) defn: 28; size: 4; type: 133 (unknown) defn: 29; size: 4; type: 133 (unknown) defn: 29; size: 4; type: 133 (unknown) defn: 32; size: 4; type: 134 (unknown) defn: 35; size: 4; type: 134 (unknown) defn: 36; size: 4; type: 134 (unknown) defn: 37; size: 4; type: 133 (unknown) defn: 38; size: 4; type: 133 (unknown) defn: 39; size: 4; type: 133 (unknown) defn: 40; size: 4; type: 133 (unknown) defn: 40; size: 4; type: 133 (unknown) defn: 54; size: 4; type: 132 (unknown) defn: 9; size: 2; type: 132 (unknown) defn: 10; size: 2; type: 132 (unknown) defn: 14; size: 2; type: 132 (unknown) defn: 14; size: 2; type: 132 (unknown) defn: 15; size: 2; type: 131 (unknown) defn: 43; size: 2; type: 131 (unknown) defn: 45; size: 2; type: 131 (unknown) defn: 55; size: 2; type: 131 (unknown) defn: 56; size: 2; type: 132 (unknown) defn: 57; size: 2; type: 132 (unknown) defn: 58; size: 2; type: 132 (unknown) defn: 59; size: 1; type: 2 (unknown) defn: 19; size: 1; type: 2 (unknown) defn: 20; size: 1; type: 2 (unknown)	142

```
field defns
global mesg num num fields
                                                                                          total size
                                 defn: 30; size: 1; type: 1 (unknown)
                                 defn: 31; size: 1; type: 1 (unknown)
                                 defn: 33; size: 1; type: 2 (unknown)
                                 defn: 34; size: 1; type: 0 (unknown)
                                 defn: 41; size: 1; type: 0 (unknown)
                                 defn: 42; size: 1; type: 2 (unknown)
                                 defn: 46; size: 1; type: 2 (unknown)
                                 defn: 47; size: 1; type: 0 (unknown)
                                 defn: 49; size: 1; type: 2 (unknown)
                                 defn: 50; size: 1; type: 2 (unknown)
                                 defn: 51; size: 1; type: 0 (unknown)
                                 defn: 52; size: 1; type: 0 (unknown)
                                 defn: 53; size: 1; type: 2 (unknown)
                                 defn: 56; size: 1; type: 2 (unknown)
                                 defn: 59; size: 1; type: 0 (unknown)
                                 defn: 63; size: 1; type: 2 (unknown)
                                 defn: 64; size: 1; type: 2 (unknown)
                                 defn: 253; size: 4; type: 134 (unknown)
                                 defn: 1; size: 4; type: 134 (unknown)
                                                                                          17
141 (unknown)
                     5
                                 defn: 2; size: 4; type: 134 (unknown)
                                 defn: 3; size: 4; type: 134 (unknown)
                                 defn: 0; size: 1; type: 0 (unknown)
                                 defn: 0; size: 4; type: 140 (unknown)
147 (unknown)
                     65
                                                                                          159
                                 defn: 2; size: 16; type: 7 (unknown)
                                 defn: 13; size: 4; type: 134 (unknown)
                                 defn: 18; size: 4; type: 10 (unknown)
                                 defn: 28; size: 4; type: 2 (unknown)
                                 defn: 29; size: 4; type: 2 (unknown)
                                 defn: 30; size: 4; type: 2 (unknown)
                                 defn: 70; size: 4; type: 134 (unknown)
                                 defn: 254; size: 2; type: 132 (unknown)
                                 defn: 10; size: 2; type: 132 (unknown)
                                 defn: 11; size: 2; type: 132 (unknown)
                                 defn: 21; size: 2; type: 132 (unknown)
                                 defn: 25; size: 2; type: 132 (unknown)
                                 defn: 26; size: 2; type: 132 (unknown)
                                 defn: 32; size: 2; type: 132 (unknown)
                                 defn: 33; size: 2; type: 132 (unknown)
                                 defn: 34; size: 2; type: 132 (unknown)
                                 defn: 35; size: 2; type: 132 (unknown)
                                 defn: 40; size: 2; type: 139 (unknown)
                                 defn: 55; size: 2; type: 132 (unknown)
                                 defn: 56; size: 2; type: 132 (unknown)
                                 defn: 57; size: 2; type: 132 (unknown)
                                 defn: 73; size: 2; type: 139 (unknown)
                                 defn: 1; size: 1; type: 2 (unknown)
                                 defn: 3; size: 1; type: 0 (unknown)
                                 defn: 4; size: 1; type: 0 (unknown)
                                 defn: 5; size: 1; type: 0 (unknown)
                                 defn: 6; size: 1; type: 0 (unknown)
                                 defn: 7; size: 1; type: 0 (unknown)
                                 defn: 8; size: 1; type: 0 (unknown)
                                 defn: 9; size: 1; type: 2 (unknown)
                                 defn: 12; size: 1; type: 2 (unknown)
                                 defn: 14; size: 1; type: 2 (unknown)
```

defn: 15; size: 1; type: 2 (unknown)

global_mesg_nun	n num_fields	s field defns	total_size
	_	defn: 16; size: 1; type: 2 (unknown)	_
		defn: 17; size: 1; type: 10 (unknown)	
		defn: 19; size: 1; type: 10 (unknown)	
		defn: 20; size: 15; type: 10 (unknown)	
		defn: 27; size: 1; type: 2 (unknown) defn: 31; size: 1; type: 2 (unknown)	
		defn: 36; size: 1; type: 0 (unknown)	
		defn: 37; size: 7; type: 0 (unknown)	
		defn: 38; size: 7; type: 0 (unknown)	
		defn: 39; size: 7; type: 0 (unknown)	
		defn: 41; size: 7; type: 2 (unknown)	
		defn: 42; size: 1; type: 0 (unknown)	
		defn: 43; size: 1; type: 0 (unknown) defn: 44; size: 1; type: 10 (unknown)	
		defn: 47; size: 1; type: 0 (unknown)	
		defn: 48; size: 1; type: 0 (unknown)	
		defn: 50; size: 6; type: 2 (unknown)	
		defn: 51; size: 1; type: 0 (unknown)	
		defn: 52; size: 1; type: 0 (unknown)	
		defn: 53; size: 1; type: 2 (unknown)	
		defn: 54; size: 1; type: 0 (unknown)	
		defn: 59; size: 1; type: 2 (unknown) defn: 60; size: 1; type: 0 (unknown)	
		defn: 61; size: 1; type: 0 (unknown)	
		defn: 62; size: 1; type: 2 (unknown)	
		defn: 71; size: 1; type: 0 (unknown)	
		defn: 72; size: 1; type: 2 (unknown)	
		defn: 82; size: 1; type: 0 (unknown)	
		defn: 83; size: 1; type: 2 (unknown)	
		defn: 84; size: 1; type: 2 (unknown) defn: 87; size: 1; type: 0 (unknown)	
		defn: 253; size: 4; type: 134 (unknown)	
		defn: 2; size: 4; type: 134 (unknown)	
		defn: 5; size: 40; type: 134 (unknown)	
		defn: 9; size: 20; type: 132 (unknown)	
		defn: 0; size: 2; type: 132 (unknown)	
		defn: 1; size: 2; type: 132 (unknown)	
216 (unknown)	13	defn: 15; size: 2; type: 132 (unknown)	109
		defn: 6; size: 6; type: 2 (unknown) defn: 10; size: 1; type: 0 (unknown)	
		defn: 10, size: 1, type: 0 (unknown) defn: 11; size: 1; type: 2 (unknown)	
		defn: 12; size: 1; type: 2 (unknown)	
		defn: 13; size: 1; type: 2 (unknown)	
		defn: 14; size: 1; type: 0 (unknown)	
		defn: 253; size: 4; type: 134 (unknown)	
		defn: 2; size: 2; type: 132 (unknown)	
288 (unknown)	6	defn: 0; size: 1; type: 1 (unknown)	10
,		defn: 1; size: 1; type: 1 (unknown)	-
		defn: 252; size: 1; type: 2 (unknown) defn: 251; size: 1; type: 13 (unknown)	
		defn: 253; size: 4; type: 134 (unknown)	
		defn: 253, size: 4, type: 134 (unknown) defn: 2; size: 2; type: 132 (unknown)	
000 (!	0	defn: 0; size: 1; type: 1 (unknown)	40
288 (unknown)	6	defn: 1; size: 1; type: 1 (unknown)	10
		defn: 252; size: 1; type: 2 (unknown)	
		defn: 251; size: 1; type: 13 (unknown)	

global_mesg_nur	n num_field	s field defns	total_size
325 (unknown)	7	defn: 253; size: 4; type: 134 (unknown) defn: 0; size: 1; type: 2 (unknown) defn: 1; size: 1; type: 2 (unknown) defn: 2; size: 1; type: 2 (unknown) defn: 3; size: 1; type: 2 (unknown) defn: 4; size: 1; type: 2 (unknown) defn: 5; size: 1; type: 2 (unknown)	10
326 (unknown)	3	defn: 253; size: 4; type: 134 (unknown) defn: 0; size: 4; type: 134 (unknown) defn: 1; size: 4; type: 134 (unknown)	12
326 (unknown)	3	defn: 253; size: 4; type: 134 (unknown) defn: 0; size: 4; type: 134 (unknown) defn: 1; size: 4; type: 134 (unknown)	12
327 (unknown)	8	defn: 253; size: 4; type: 134 (unknown) defn: 3; size: 4; type: 134 (unknown) defn: 4; size: 4; type: 134 (unknown) defn: 5; size: 4; type: 134 (unknown) defn: 0; size: 1; type: 2 (unknown) defn: 1; size: 1; type: 2 (unknown) defn: 2; size: 1; type: 2 (unknown) defn: 6; size: 1; type: 0 (unknown)	20

Messages found in file

file_id count()