

GTS Status Codes and Description

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GTS Status Codes and Description

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1) Introduction

OpenGTS and the GTS Enterprise use a set of pre-defined status codes to represent various types of events (ie. Reasons for a particular event to have occurred). GTS reserves all status code definitions in the range 0xE000 to 0xFFFF (hex). The status code 0x0000 is also reserved to represent status code "NONE", which usually means that an event should be ignored, or that other status code translations should occur.

This manual lists the reserved status codes defined within the GTS system. The Java source module "`src/org/opensgts/db.StatusCodes.java`" can also be consulted for a current list of defined status codes.

2) Status Codes and Description

The following table describes each of the reserved status codes used by GTS. The table includes the hex and decimal numeric values of the status code, the ID of the status code (as specified in the source module "src/org/opengts/db.StatusCodes.java"), a brief description and note for the status code.

Hex Decimal ID Description Notes

<i>Hex</i>	<i>Dec</i>	<i>ID</i>	<i>Description</i>	<i>Notes</i>
0x0000	0	STATUS_NONE	None	No status code
0xE103	57603	STATUS_GFMI_CMD_03	GFMI 03	Send Garmin non-ACK message
0xE104	57604	STATUS_GFMI_CMD_04	GFMI 04	Send Garmin ACK message
0xE105	57605	STATUS_GFMI_CMD_05	GFMI 05	Send Garmin answerable message
0xE106	57606	STATUS_GFMI_CMD_06	GFMI 06	Send Garmin stop location
0xE108	57608	STATUS_GFMI_CMD_08	GFMI 08	Request Garmin stop ETA
0xE109	57609	STATUS_GFMI_CMD_09	GFMI 09	Set Garmin auto arrival criteria
0xE110	57616	STATUS_GFMI_LINK_OFF	GFMI Link 0	Garmin Link lost
0xE111	57617	STATUS_GFMI_LINK_ON	GFMI Link 1	Garmin Link established
0xE1A0	57760	STATUS_GFMI_ACK	GFMI ACK	Received Garmin ACK
0xE1B1	57777	STATUS_GFMI_MESSAGE	GFMI Message	Received Garmin Message
0xE1B2	57778	STATUS_GFMI_MESSAGE_ACK	GFMI Msg ACK	Received Garmin Message ACK
0xF010	61456	STATUS_INITIALIZED	Initialized	System Initialized
0xF020	61472	STATUS_LOCATION	Location	General Location Information
0xF025	61477	STATUS_LAST_LOCATION	Last Location	Last Valid GPS Location
0xF030	61488	STATUS_WAYMARK_0	Waymark 0	General Waymark Information
0xF031	61489	STATUS_WAYMARK_1	Waymark 1	General Waymark Information
0xF032	61490	STATUS_WAYMARK_2	Waymark 2	General Waymark Information
0xF033	61491	STATUS_WAYMARK_3	Waymark 3	General Waymark Information
0xF034	61492	STATUS_WAYMARK_4	Waymark 4	General Waymark Information
0xF035	61493	STATUS_WAYMARK_5	Waymark 5	General Waymark Information
0xF036	61494	STATUS_WAYMARK_6	Waymark 6	General Waymark Information
0xF037	61495	STATUS_WAYMARK_7	Waymark 7	General Waymark Information
0xF038	61496	STATUS_WAYMARK_8	Waymark 8	General Waymark Information
0xF040	61504	STATUS_QUERY	Query	Response to "Locate Now"
0xF044	61508	STATUS_NOTIFY	Notify	General Notify indicator
0xF111	61713	STATUS_MOTION_START	Motion Start	Start of motion
0xF112	61714	STATUS_MOTION_IN_MOTION	In Motion	In Motion (between start/stop)
0xF113	61715	STATUS_MOTION_STOP	Motion Stop	Motion has stopped
0xF114	61716	STATUS_MOTION_DORMANT	Dormant	Periodic message while not moving
0xF116	61718	STATUS_MOTION_IDLE	Idle	Ignition On, but not moving
0xF11A	61722	STATUS_MOTION_EXCESS_SPEED	Speeding	Exceeding maximum speed
0xF11C	61724	STATUS_MOTION_MOVING	Moving	Device is moving
0xF130	61744	STATUS_ODOM_0	Odometer 0	Odometer indicator
0xF131	61745	STATUS_ODOM_1	Odometer 1	Odometer indicator

<i>Hex</i>	<i>Dec</i>	<i>ID</i>	<i>Description</i>	<i>Notes</i>
0xF132	61746	STATUS_ODOM_2	Odometer 2	Odometer indicator
0xF133	61747	STATUS_ODOM_3	Odometer 3	Odometer indicator
0xF134	61748	STATUS_ODOM_4	Odometer 4	Odometer indicator
0xF135	61749	STATUS_ODOM_5	Odometer 5	Odometer indicator
0xF136	61750	STATUS_ODOM_6	Odometer 6	Odometer indicator
0xF137	61751	STATUS_ODOM_7	Odometer 7	Odometer indicator
0xF140	61760	STATUS_ODOM_LIMIT_0	Odom Limit 0	Odometer has reached a limit
0xF141	61761	STATUS_ODOM_LIMIT_1	Odom Limit 1	Odometer has reached a limit
0xF142	61762	STATUS_ODOM_LIMIT_2	Odom Limit 2	Odometer has reached a limit
0xF143	61763	STATUS_ODOM_LIMIT_3	Odom Limit 3	Odometer has reached a limit
0xF144	61764	STATUS_ODOM_LIMIT_4	Odom Limit 4	Odometer has reached a limit
0xF145	61765	STATUS_ODOM_LIMIT_5	Odom Limit 5	Odometer has reached a limit
0xF146	61766	STATUS_ODOM_LIMIT_6	Odom Limit 6	Odometer has reached a limit
0xF147	61767	STATUS_ODOM_LIMIT_7	Odom Limit 7	Odometer has reached a limit
0xF210	61968	STATUS_GEOFENCE_ARRIVE	Arrive	Arrived at Geozone
0xF215	61973	STATUS_JOB_ARRIVE	Job Arrive	Arrived at Job
0xF230	62000	STATUS_GEOFENCE_DEPART	Depart	Departed Geozone
0xF235	62005	STATUS_JOB_DEPART	Job Depart	Departed Job
0xF250	62032	STATUS_GEOFENCE_VIOLATION	Geofence	Geozone violation
0xF258	62040	STATUS_CORRIDOR_VIOLATION	Corridor	GeoCorridor violation
0xF270	62064	STATUS_GEOFENCE_ACTIVE	Geozone Active	Geozone is active
0xF278	62072	STATUS_CORRIDOR_ACTIVE	Corridor Active	GeoCorridor is active
0xF280	62080	STATUS_GEOFENCE_INACTIVE	Geozone Inactive	Geozone is inactive
0xF288	62088	STATUS_CORRIDOR_INACTIVE	Corridor Inactive	GeoCorridor is inactive
0xF2A0	62112	STATUS_GEOBOUNDS_ENTER	GeoBounds Enter	Entered a GeoBoundry (ie. State)
0xF2B0	62128	STATUS_GEOBOUNDS_EXIT	GeoBounds Exit	Exit a GeoBoundary (ie. State)
0xF2C0	62144	STATUS_PARKED	Parked	Vehicle Parked
0xF400	62464	STATUS_INPUT_STATE	Input State	An input has changed state
0xF401	62465	STATUS_IGNITION_ON	Ignition On	Ignition on
0xF402	62466	STATUS_INPUT_ON	Input On	An input has turned on
0xF403	62467	STATUS_IGNITION_OFF	Ignition Off	Ignition off
0xF404	62468	STATUS_INPUT_OFF	Input Off	An input has turned off
0xF406	62470	STATUS_OUTPUT_STATE	Output State	An output has changed state
0xF408	62472	STATUS_OUTPUT_ON	Output On	An output has turned on
0xF40A	62474	STATUS_OUTPUT_OFF	Output Off	An output has turned off
0xF420	62496	STATUS_INPUT_ON_00	Input On 0	Input #0 has turned on
0xF421	62497	STATUS_INPUT_ON_01	Input On 1	Input #1 has turned on
0xF422	62498	STATUS_INPUT_ON_02	Input On 2	Input #2 has turned on
0xF423	62499	STATUS_INPUT_ON_03	Input On 3	Input #3 has turned on
0xF424	62500	STATUS_INPUT_ON_04	Input On 4	Input #4 has turned on
0xF425	62501	STATUS_INPUT_ON_05	Input On 5	Input #5 has turned on
0xF426	62502	STATUS_INPUT_ON_06	Input On 6	Input #6 has turned on

<i>Hex</i>	<i>Dec</i>	<i>ID</i>	<i>Description</i>	<i>Notes</i>
0xF427	62503	STATUS_INPUT_ON_07	Input On 7	Input #7 has turned on
0xF428	62504	STATUS_INPUT_ON_08	Input On 8	Input #8 has turned on
0xF429	62505	STATUS_INPUT_ON_09	Input On 9	Input #9 has turned on
0xF42A	62406	STATUS_INPUT_ON_10	Input On 10	Input #10 has turned on
0xF42B	62407	STATUS_INPUT_ON_11	Input On 11	Input #11 has turned on
0xF42C	62408	STATUS_INPUT_ON_12	Input On 12	Input #12 has turned on
0xF42D	62409	STATUS_INPUT_ON_13	Input On 13	Input #13 has turned on
0xF42E	62510	STATUS_INPUT_ON_14	Input On 14	Input #14 has turned on
0xF42F	62511	STATUS_INPUT_ON_15	Input On 15	Input #15 has turned on
0xF440	62528	STATUS_INPUT_OFF_00	Input On 0	Input #0 has turned off
0xF441	62529	STATUS_INPUT_OFF_01	Input On 1	Input #1 has turned off
0xF442	62530	STATUS_INPUT_OFF_02	Input On 2	Input #2 has turned off
0xF443	62531	STATUS_INPUT_OFF_03	Input On 3	Input #3 has turned off
0xF444	62532	STATUS_INPUT_OFF_04	Input On 4	Input #4 has turned off
0xF445	62533	STATUS_INPUT_OFF_05	Input On 5	Input #5 has turned off
0xF446	62534	STATUS_INPUT_OFF_06	Input On 6	Input #6 has turned off
0xF447	62535	STATUS_INPUT_OFF_07	Input On 7	Input #7 has turned off
0xF448	62536	STATUS_INPUT_OFF_08	Input On 8	Input #8 has turned off
0xF449	62537	STATUS_INPUT_OFF_09	Input On 9	Input #9 has turned off
0xF44A	62538	STATUS_INPUT_OFF_10	Input On 10	Input #10 has turned off
0xF44B	62539	STATUS_INPUT_OFF_11	Input On 11	Input #11 has turned off
0xF44C	62540	STATUS_INPUT_OFF_12	Input On 12	Input #12 has turned off
0xF44D	62541	STATUS_INPUT_OFF_13	Input On 13	Input #13 has turned off
0xF44E	62542	STATUS_INPUT_OFF_14	Input On 14	Input #14 has turned off
0xF44F	62543	STATUS_INPUT_OFF_15	Input On 15	Input #15 has turned off
0xF460	62560	STATUS_OUTPUT_ON_00	Output On 0	Output #0 has turned on
0xF461	62561	STATUS_OUTPUT_ON_01	Output On 1	Output #1 has turned on
0xF462	62562	STATUS_OUTPUT_ON_02	Output On 2	Output #2 has turned on
0xF463	62563	STATUS_OUTPUT_ON_03	Output On 3	Output #3 has turned on
0xF464	62564	STATUS_OUTPUT_ON_04	Output On 4	Output #4 has turned on
0xF465	62565	STATUS_OUTPUT_ON_05	Output On 5	Output #5 has turned on
0xF466	62566	STATUS_OUTPUT_ON_06	Output On 6	Output #6 has turned on
0xF467	62567	STATUS_OUTPUT_ON_07	Output On 7	Output #7 has turned on
0xF468	62568	STATUS_OUTPUT_ON_08	Output On 8	Output #8 has turned on
0xF469	62569	STATUS_OUTPUT_ON_09	Output On 9	Output #9 has turned on
0xF480	62592	STATUS_OUTPUT_OFF_00	Output Off 0	Output #0 has turned off
0xF481	62593	STATUS_OUTPUT_OFF_01	Output Off 1	Output #1 has turned off
0xF482	62594	STATUS_OUTPUT_OFF_02	Output Off 2	Output #2 has turned off
0xF483	62595	STATUS_OUTPUT_OFF_03	Output Off 3	Output #3 has turned off
0xF484	62596	STATUS_OUTPUT_OFF_04	Output Off 4	Output #4 has turned off
0xF485	62597	STATUS_OUTPUT_OFF_05	Output Off 5	Output #5 has turned off
0xF486	62598	STATUS_OUTPUT_OFF_06	Output Off 6	Output #6 has turned off

<i>Hex</i>	<i>Dec</i>	<i>ID</i>	<i>Description</i>	<i>Notes</i>
0xF487	62599	STATUS_OUTPUT_OFF_07	Output Off 7	Output #7 has turned off
0xF488	62600	STATUS_OUTPUT_OFF_08	Output Off 8	Output #8 has turned off
0xF489	62601	STATUS_OUTPUT_OFF_09	Output Off 9	Output #9 has turned off
0xF4A0	62624	STATUS_ELAPSED_00	Elapsed 0	Elapsed time 0
0xF4A1	62625	STATUS_ELAPSED_01	Elapsed 1	Elapsed time 1
0xF4A2	62626	STATUS_ELAPSED_02	Elapsed 2	Elapsed time 2
0xF4A3	62627	STATUS_ELAPSED_03	Elapsed 3	Elapsed time 3
0xF4A4	62628	STATUS_ELAPSED_04	Elapsed 4	Elapsed time 4
0xF4A5	62629	STATUS_ELAPSED_05	Elapsed 5	Elapsed time 5
0xF4A6	62630	STATUS_ELAPSED_06	Elapsed 6	Elapsed time 6
0xF4A7	62631	STATUS_ELAPSED_07	Elapsed 7	Elapsed time 7
0xF4B0	62640	STATUS_ELAPSED_LIMIT_00	Elapsed Limit 0	Elapsed limit 0
0xF4B1	62641	STATUS_ELAPSED_LIMIT_01	Elapsed Limit 1	Elapsed limit 1
0xF4B2	62642	STATUS_ELAPSED_LIMIT_02	Elapsed Limit 2	Elapsed limit 2
0xF4B3	62643	STATUS_ELAPSED_LIMIT_03	Elapsed Limit 3	Elapsed limit 3
0xF4B4	62644	STATUS_ELAPSED_LIMIT_04	Elapsed Limit 4	Elapsed limit 4
0xF4B5	62645	STATUS_ELAPSED_LIMIT_05	Elapsed Limit 5	Elapsed limit 5
0xF4B6	62646	STATUS_ELAPSED_LIMIT_06	Elapsed Limit 6	Elapsed limit 6
0xF4B7	62647	STATUS_ELAPSED_LIMIT_07	Elapsed Limit 7	Elapsed limit 7
0xF600	62976	STATUS_SENSOR32_0	Sensor 0	Analog sensor value 0
0xF601	62977	STATUS_SENSOR32_1	Sensor 1	Analog sensor value 1
0xF602	62978	STATUS_SENSOR32_2	Sensor 2	Analog sensor value 2
0xF603	62979	STATUS_SENSOR32_3	Sensor 3	Analog sensor value 3
0xF604	62980	STATUS_SENSOR32_4	Sensor 4	Analog sensor value 4
0xF605	62981	STATUS_SENSOR32_5	Sensor 5	Analog sensor value 5
0xF606	62982	STATUS_SENSOR32_6	Sensor 6	Analog sensor value 6
0xF607	62983	STATUS_SENSOR32_7	Sensor 7	Analog sensor value 7
0xF620	63008	STATUS_SENSOR32_RANGE_0	Sensor Range 0	Sensor out-of-range 0
0xF621	63009	STATUS_SENSOR32_RANGE_1	Sensor Range 1	Sensor out-of-range 1
0xF622	63010	STATUS_SENSOR32_RANGE_2	Sensor Range 2	Sensor out-of-range 2
0xF623	63011	STATUS_SENSOR32_RANGE_3	Sensor Range 3	Sensor out-of-range 3
0xF624	63012	STATUS_SENSOR32_RANGE_4	Sensor Range 4	Sensor out-of-range 4
0xF625	63013	STATUS_SENSOR32_RANGE_5	Sensor Range 5	Sensor out-of-range 5
0xF626	63014	STATUS_SENSOR32_RANGE_6	Sensor Range 6	Sensor out-of-range 6
0xF627	63015	STATUS_SENSOR32_RANGE_7	Sensor Range 7	Sensor out-of-range 7
0xF710	63248	STATUS_TEMPERATURE_0	Temperature 0	Temperature value 0
0xF711	63249	STATUS_TEMPERATURE_1	Temperature 1	Temperature value 1
0xF712	63250	STATUS_TEMPERATURE_2	Temperature 2	Temperature value 2
0xF713	63251	STATUS_TEMPERATURE_3	Temperature 3	Temperature value 3
0xF714	63252	STATUS_TEMPERATURE_4	Temperature 4	Temperature value 4
0xF715	63253	STATUS_TEMPERATURE_5	Temperature 5	Temperature value 5
0xF716	63254	STATUS_TEMPERATURE_6	Temperature 6	Temperature value 6

<i>Hex</i>	<i>Dec</i>	<i>ID</i>	<i>Description</i>	<i>Notes</i>
0xF717	63255	STATUS_TEMPERATURE_7	Temperature 7	Temperature value 7
0xF730	63280	STATUS_TEMPERATURE_RANGE_0	Temp Range 0	Temperature out-of-range 0
0xF731	63281	STATUS_TEMPERATURE_RANGE_1	Temp Range 1	Temperature out-of-range 1
0xF732	63282	STATUS_TEMPERATURE_RANGE_2	Temp Range 2	Temperature out-of-range 2
0xF733	63283	STATUS_TEMPERATURE_RANGE_3	Temp Range 3	Temperature out-of-range 3
0xF734	63284	STATUS_TEMPERATURE_RANGE_4	Temp Range 4	Temperature out-of-range 4
0xF735	63285	STATUS_TEMPERATURE_RANGE_5	Temp Range 5	Temperature out-of-range 5
0xF736	63286	STATUS_TEMPERATURE_RANGE_6	Temp Range 6	Temperature out-of-range 6
0xF737	63287	STATUS_TEMPERATURE_RANGE_7	Temp Range 7	Temperature out-of-range 7
0xF7F1	63473	STATUS_TEMPERATURE	Temperature	Temperature value
0xF811	63505	STATUS_LOGIN	Login	Login indicator
0xF812	63506	STATUS_LOGOUT	Logout	Logout indicator
0xF821	63521	STATUS_CONNECT	Connect	Connect/Hook indicator
0xF822	63522	STATUS_DISCONNECT	Disconnect	Disconnect/Unhook indicator
0xF831	63537	STATUS_ACK	Ack	Acknowledgment
0xF832	63538	STATUS_NAK	Nak	Negative-Acknowledgment
0xF841	63553	STATUS_PANIC_ON	Panic	Panic/SOS indicator
0xF842	63554	STATUS_PANIC_OFF	Panic Off	Panic/SOS off
0xF851	63569	STATUS_ASSIST_ON	Assistance	Assistance required indicator
0xF852	63570	STATUS_ASSIST_OFF	Assistance Off	Assistance no longer required
0xF861	63585	STATUS_MEDICAL_ON	Medical	Medical help required indicator
0xF862	63586	STATUS_MEDICAL_OFF	Medical Off	Medical help no longer required
0xF900	63744	STATUS_OBC_INFO_0	OBD Info 0	On-Board-Diagnostic indicator
0xF901	63745	STATUS_OBC_INFO_1	OBD Info 1	On-Board-Diagnostic indicator
0xF902	63746	STATUS_OBC_INFO_2	OBD Info 2	On-Board-Diagnostic indicator
0xF903	63747	STATUS_OBC_INFO_3	OBD Info 3	On-Board-Diagnostic indicator
0xF904	63748	STATUS_OBC_INFO_4	OBD Info 4	On-Board-Diagnostic indicator
0xF911	63761	STATUS_OBC_FAULT	OBD Fault	Diagnostic fault indicator
0xF920	63776	STATUS_OBC_RANGE	OBD range	Diagnostic out-of-range
0xF922	63778	STATUS_OBC_RPM_RANGE	OBD RPM	RPM out-of-range
0xF924	63780	STATUS_OBC_FUEL_RANGE	OBD Fuel	Fuel out-of-range
0xF926	63782	STATUS_OBC_OIL_RANGE	OBD Oil	Oil out-of-range
0xF928	63784	STATUS_OBC_TEMP_RANGE	OBD Temp	Engine Temperature out-of-range
0xF930	63792	STATUS_EXCESS_BRAKING	Braking	Excessive braking
0xF941	63809	STATUS_IMPACT	Impact	Impact/Accident occurred
0xFA00	64000	STATUS_DAY_SUMMARY	DaySummary	Daily Summary indicator
0xFD10	64784	STATUS_LOW_BATTERY	Low Battery	Low battery indicator
0xFD11	64785	STATUS_BATTERY_LEVEL	Battery Level	Battery Level indicator
0xFD13	64787	STATUS_POWER_FAILURE	Power Fail	Power failure indicator
0xFD15	64789	STATUS_POWER_RESTORED	Power Restored	Power has been restored
0xFD21	64801	STATUS_GPS_EXPIRED	GPS Expired	GPS fix has become stale
0xFD22	64802	STATUS_GPS_FAILURE	GPS Failed	GPS receiver failure indicator

<i>Hex</i>	<i>Dec</i>	<i>ID</i>	<i>Description</i>	<i>Notes</i>
0xFD30	64816	STATUS_DIAGNOSTIC	Diagnostic	General diagnostic indicator
0xFD31	64817	STATUS_CONNECTION_FAILURE	Connect Fail	General connection failure indicator
0xFD33	64819	STATUS_MODEM_FAILURE	Modem Fail	Modem failure indicator
0xFD35	64821	STATUS_INTERNAL_FAILURE	Internal Fail	Internal failure indicator
0xFD41	64833	STATUS_CONFIG_RESET	Config Reset	Configuration reset
0xFD45	64837	STATUS_SHUTDOWN	Shutdown	Device/Vehicle Shutdown
0xFD48	64840	STATUS_SUSPEND	Suspend	Device Suspend
0xFD4A	64842	STATUS_RESUME	Resume	Device Resume