

# FMC880 Parameter list



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## System parameters

| Parameter ID | Parameter Type | Default value | Value range |     | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Parameter name               |
|--------------|----------------|---------------|-------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
|              |                |               | Min         | Max |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                              |
| 138          | UInt8          | 0             | 0           | 8   | 1 - Ignition<br>2 - Accelerometer<br>4 - GNSS<br>8 - CAN Speed                                                                                                                                                                                                                                                                                                                                                                                                                 | Movement source              |
| 133          | UInt8          | 0             | 0           | 1   | 0 - GNSS<br>1 - OBD / CAN                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Speed Source                 |
| 106          | UInt8          | 1             | 0           | 1   | 0 - Disable<br>1 - Enable                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Static navigation            |
| 112          | UInt8          | 1             | 0           | 3   | 1 - Movement<br>2 - Ignition<br>3 - Movement and Ignition                                                                                                                                                                                                                                                                                                                                                                                                                      | Static navigation source     |
| 107          | UInt8          | 2             | 0           | 2   | 0 - After Position Fix<br>1 - Always<br>2 - After Time Sync                                                                                                                                                                                                                                                                                                                                                                                                                    | Send/Save records without TS |
| 108          | UInt8          | 1             | 0           | 1   | 0 - Disable<br>1 - Enable                                                                                                                                                                                                                                                                                                                                                                                                                                                      | LED Indication               |
| 109          | UInt8          | 10            | 1           | 15  | 0 - Undefined<br>1 - Beidou only<br>2 - Glonass only<br>3 - Glonass and Beidou not allowed<br>4 - Galileo only<br>5 - Galileo and Beidou<br>6 - Galileo and Glonass<br>7 - Galileo, Glonass and Beidou not allowed<br>8 - Gps only<br>9 - Gps and Beidou<br>10 - Gps and Glonass<br>11 - Gps, Glonass and Beidou not allowed<br>12 - Gps and Galileo<br>13 - Gps, Galileo and Beidou<br>14 - Gps, Galileo and Glonass<br>15 - Gps, Galileo, Glonass and Beidou and not allowed | GNSS source                  |
| 110          | UInt8          | 0             | 0           | 1   | 0 - On need<br>1 - After ignition on                                                                                                                                                                                                                                                                                                                                                                                                                                           | Battery charge mode          |
| 113          | UInt8          | 0             | 0           | 1   | 0 - Codec 8<br>1 - Codec 8 Extended                                                                                                                                                                                                                                                                                                                                                                                                                                            | Data Protocol                |
| 135          | UInt8          | 0             | 0           | 1   | 0 - DIN2/AIN1<br>1 - Ground Sense                                                                                                                                                                                                                                                                                                                                                                                                                                              | Input mode                   |

| Parameter ID | Parameter Type | Default value | Value range |      | Value                                                                                                                                                        | Parameter name |
|--------------|----------------|---------------|-------------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|
|              |                |               | Min         | Max  |                                                                                                                                                              |                |
| 102          | UInt8          | 2             | 0           | 4    | 0 - Disable<br>1 - GPS sleep<br>2 - Deep sleep<br>3 - Online Deep sleep<br>4 - Ultra Deep sleep<br>6 - Power Off sleep<br>(only for <a href="#">FMB965</a> ) | Sleep settings |
| 103          | UInt16         | 1             | 1           | 3000 | Minutes                                                                                                                                                      | Timeout        |

| Parameter ID | Parameter Type | Default value | Value range |       | Value                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Parameter name    |
|--------------|----------------|---------------|-------------|-------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
|              |                |               | Min         | Max   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                   |
| 101          | UInt8          | 4             | 1           | 14    | 1 - DIN 1<br>2 - Accelerometer<br>3 - Digital Input or Accelerometer<br>4 - Power Voltage<br>5 - Digital Input or Power Voltage<br>6 - Accelerometer or Power Voltage<br>7 - Digital Input, Accelerometer, or Power Voltage<br>8 - Engine RPM<br>9 - Digital Input or Engine RPM<br>10 - Accelerometer or Engine RPM<br>11 - Digital Input, Accelerometer or Engine RPM<br>12 - Power Voltage or Engine RPM<br>13 - Digital Input, Power Voltage or Engine RPM<br>14 - Accelerometer, Power Voltage or Engine RPM | Ignition settings |
| 104          | UInt16         | 30000         | 0           | 30000 | mV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | High voltage      |
| 105          | UInt16         | 13200         | 0           | 29999 | mV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Low voltage       |

| Parameter ID | Parameter Type | Default value | Value range |     | Value   | Parameter name       |
|--------------|----------------|---------------|-------------|-----|---------|----------------------|
|              |                |               | Min         | Max |         |                      |
| 19001        | UInt16         | 5             | 1           | 60  | Seconds | Movement Start Delay |
| 19002        | UInt16         | 60            | 5           | 300 | Seconds | Movement Stop Delay  |

| Parameter ID | Parameter Type | Default value       | Value range |     | Value                                                   | Parameter name           |
|--------------|----------------|---------------------|-------------|-----|---------------------------------------------------------|--------------------------|
|              |                |                     | Min         | Max |                                                         |                          |
| 900          | UInt8          | 1                   | 0           | 3   | 0 - Gps only<br>1 - NITZ and NTP<br>2 - NTP<br>3 - NITZ | Synchronization settings |
| 901          | UInt8          | 0                   | 0           | 24  | Hours                                                   | NTP Resync               |
| 902          | Char           | "avl1.teltonika.lt" | 0           | 55  | String                                                  | NTP server 1             |
| 903          | Char           | "pool.ntp.org"      | 0           | 55  | String                                                  | NTP server 2             |

| Parameter ID | Parameter Type | Default value | Value range |     | Value | Parameter name |
|--------------|----------------|---------------|-------------|-----|-------|----------------|
|              |                |               | Min         | Max |       |                |

|            |       |   |   |   |                                            |                                |
|------------|-------|---|---|---|--------------------------------------------|--------------------------------|
| <b>169</b> | UInt8 | 2 | 0 | 2 | 0 - Disabled<br>1 - Once<br>2 - Continuous | Accelerometer Auto Calibration |
| <b>170</b> | UInt8 | 1 | 0 | 1 | 0 Disabled<br>1 Enabled                    | Gravity Filter                 |

## GPRS parameters

| Parameter ID | Parameter Type | Default value | Value range |        | Value                    | Parameter name       |
|--------------|----------------|---------------|-------------|--------|--------------------------|----------------------|
|              |                |               | Min         | Max    |                          |                      |
| <b>1000</b>  | UInt32         | 300           | 30          | 259200 | Seconds                  | Open link timeout    |
| <b>1001</b>  | UInt16         | 30            | 5           | 300    | Seconds                  | Response timeout     |
| <b>1002</b>  | UInt8          | 0             | 0           | 1      | 0 - Newest<br>1 - Oldest | Sort by              |
| <b>1003</b>  | UInt16         | 0             | 0           | 300    | Seconds                  | Network ping timeout |

| Parameter ID | Parameter Type | Default value | Value range |     | Value                     | Parameter name |
|--------------|----------------|---------------|-------------|-----|---------------------------|----------------|
|              |                |               | Min         | Max |                           |                |
| <b>2000</b>  | UInt8          | 1             | 0           | 1   | 0 - Disable<br>1 - Enable | GPRS context   |
| <b>2001</b>  | Char           | ""            | 0           | 32  | String                    | APN            |
| <b>2002</b>  | Char           | ""            | 0           | 32  | String                    | APN username   |
| <b>2003</b>  | Char           | ""            | 0           | 32  | String                    | APN password   |

| Parameter ID | Parameter Type | Default value | Value range |       | Value              | Parameter name |
|--------------|----------------|---------------|-------------|-------|--------------------|----------------|
|              |                |               | Min         | Max   |                    |                |
| <b>2004</b>  | Char           | ""            | 0           | 55    | String             | Domain         |
| <b>2005</b>  | UInt16         | 0             | 0           | 65535 | Number             | Port           |
| <b>2006</b>  | UInt8          | 1             | 0           | 1     | 0 - TCP<br>1 - UDP | Protocol       |

| Parameter ID | Parameter Type | Default value | Value range |       | Value                                                  | Parameter name         |
|--------------|----------------|---------------|-------------|-------|--------------------------------------------------------|------------------------|
|              |                |               | Min         | Max   |                                                        |                        |
| <b>2010</b>  | UInt8          | 0             | 0           | 3     | 0 - Disable<br>1 - Backup<br>2 - Duplicate<br>3 - EGTS | Backup Server Mode     |
| <b>2007</b>  | Char           | ""            | 0           | 55    | String                                                 | Backup Server Domain   |
| <b>2008</b>  | UInt16         | 0             | 0           | 65535 | Number                                                 | Backup Server Port     |
| <b>2009</b>  | UInt8          | 0             | 0           | 1     | 0 - TCP<br>1 - UDP                                     | Backup Server Protocol |

| Parameter ID | Parameter Type | Default value     | Value range |       | Value                     | Parameter name  |
|--------------|----------------|-------------------|-------------|-------|---------------------------|-----------------|
|              |                |                   | Min         | Max   |                           |                 |
| <b>13003</b> | UInt8          | 1                 | 0           | 1     | 0 - Disable<br>1 - Enable | FOTA WEB Status |
| <b>13000</b> | Char           | fota.teltonika.lt | 0           | 55    | String                    | FOTA WEB Domain |
| <b>13001</b> | UInt16         | 5000              | 0           | 65535 | Number                    | FOTA WEB Port   |
| <b>13002</b> | UInt16         | 720               | 30          | 65535 | Number                    | FOTA WEB Period |

## SMS/Call settings

| Parameter ID | Parameter Type | Default value | Value range |     | Value                     | Parameter name         |
|--------------|----------------|---------------|-------------|-----|---------------------------|------------------------|
|              |                |               | Min         | Max |                           |                        |
| <b>3000</b>  | UInt8          | 0             | 0           | 1   | 0 - Disable<br>1 - Enable | Allow SMS data sending |
| <b>3001</b>  | Char           | ""            | 0           | 16  | String                    | Data Send Number       |

| Parameter ID | Parameter Type | Default value | Value range |     | Value | Parameter name |
|--------------|----------------|---------------|-------------|-----|-------|----------------|
|              |                |               | Min         | Max |       |                |

|      |        |           |           |           |           |                     |
|------|--------|-----------|-----------|-----------|-----------|---------------------|
| 3003 | Char   | ""        | 0         | 5         | String    | Login               |
| 3004 | Char   | ""        | 0         | 5         | String    | Password            |
| 3006 | Uint16 | UTC+00:00 | UTC-12:00 | UTC+13:00 | Time zone | SMS event Time Zone |

| Parameter ID | Parameter Type | Default value | Value range |     | Value                                                                                  | Parameter name       |
|--------------|----------------|---------------|-------------|-----|----------------------------------------------------------------------------------------|----------------------|
|              |                |               | Min         | Max |                                                                                        |                      |
| 3005         | Uint8          | 0             | 0           | 4   | 0 - Do nothing<br>1 - Hangup<br>2 - Report position<br>3 - Spy call<br>4 - Auto answer | Incoming call action |

| Parameter ID | Parameter Type | Default value | Value range |                  | Value                                                                                                                                                                 | Parameter name        |
|--------------|----------------|---------------|-------------|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
|              |                |               | Min         | Max              |                                                                                                                                                                       |                       |
| 3007         | Uint8          | 0             | 0           | 7 (3 for FMB125) | 0 - Disable<br>1 - DIN1<br>2 - Crash event<br>3 - DIN1 and Crash event<br>4 - DIN2<br>5 - DIN1 and DIN2<br>6 - DIN2 and Crash event<br>7 - DIN1, DIN2 and Crash event | Outgoing call trigger |
| 3008         | Uint8          | 0             | 0           | 10               | GSM number                                                                                                                                                            | GSM number index      |

| Parameter ID | Parameter Type | Default value | Value range |     | Value  | Parameter name    |
|--------------|----------------|---------------|-------------|-----|--------|-------------------|
|              |                |               | Min         | Max |        |                   |
| 4000-4199    | Char           | ""            | 0           | 16  | String | Authorized number |
| Parameter ID | Parameter Type | Default value | Value range |     | Value  | Parameter name    |
|              |                |               | Min         | Max |        |                   |
| 6000-6009    | Char           | ""            | 0           | 16  | String | Predefined number |

## GSM operators

| Parameter ID | Parameter Type | Default value | Value range |        | Value  | Parameter name                  |
|--------------|----------------|---------------|-------------|--------|--------|---------------------------------|
|              |                |               | Min         | Max    |        |                                 |
| 5000-5049    | Uint32         | 0             | 0           | 999999 | Number | SIM1 roaming operator list      |
| 9500-9549    | Uint32         | 0             | 0           | 999999 | Number | SIM2 roaming/home operator list |
| 5500-5549    | Uint32         | 0             | 0           | 999999 | Number | Operator blacklist              |

## Data acquisition mode parameters

### Home Network GSM operator code "Vehicle on STOP" parameters

| Parameter ID | Parameter Type | Default value | Value range |       | Parameter name    |
|--------------|----------------|---------------|-------------|-------|-------------------|
|              |                |               | Min         | Max   |                   |
| 10000        | Uint16         | 3600          | 0           | 65535 | Min Period        |
| 10004        | Uint8          | 1             | 1           | 255   | Min Saved Records |
| 10005        | Uint16         | 120           | 0           | 65535 | Send Period       |

### Home Network GSM operator code "Vehicle MOVING" parameters

| Parameter ID | Parameter Type | Default value | Value range |       | Parameter name    |
|--------------|----------------|---------------|-------------|-------|-------------------|
|              |                |               | Min         | Max   |                   |
| 10050        | Uint16         | 300           | 0           | 65535 | Min Period        |
| 10051        | Uint16         | 100           | 0           | 65535 | Min Distance      |
| 10052        | Uint8          | 10            | 0           | 180   | Min Angle         |
| 10053        | Uint8          | 10            | 0           | 100   | Min Speed Delta   |
| 10054        | Uint8          | 1             | 1           | 255   | Min Saved Records |
| 10055        | Uint16         | 120           | 0           | 65535 | Send Period       |

### Roaming Network GSM operator code "Vehicle on STOP" parameters

| Parameter ID | Parameter Type | Default value | Value range |       | Parameter name    |
|--------------|----------------|---------------|-------------|-------|-------------------|
|              |                |               | Min         | Max   |                   |
| 10100        | Uint16         | 3600          | 0           | 65535 | Min Period        |
| 10104        | Uint8          | 1             | 1           | 255   | Min Saved Records |
| 10105        | Uint16         | 0             | 0           | 65535 | Send Period       |

### Roaming Network GSM operator code "Vehicle MOVING" parameters

| Parameter ID | Parameter Type | Default value | Value range |       | Parameter name    |
|--------------|----------------|---------------|-------------|-------|-------------------|
|              |                |               | Min         | Max   |                   |
| 10150        | Uint16         | 300           | 0           | 65535 | Min Period        |
| 10151        | Uint16         | 100           | 0           | 65535 | Min Distance      |
| 10152        | Uint8          | 10            | 0           | 180   | Min Angle         |
| 10153        | Uint8          | 10            | 0           | 100   | Min Speed Delta   |
| 10154        | Uint8          | 1             | 1           | 255   | Min Saved Records |
| 10155        | Uint16         | 0             | 0           | 65535 | Send Period       |

### Unknown Network GSM operator code "Vehicle on STOP" parameters

| Parameter ID | Parameter Type | Default value | Value range |       | Parameter name    |
|--------------|----------------|---------------|-------------|-------|-------------------|
|              |                |               | Min         | Max   |                   |
| 10200        | Uint16         | 3600          | 0           | 65535 | Min Period        |
| 10204        | Uint8          | 1             | 1           | 255   | Min Saved Records |
| 10205        | Uint16         | 120           | 0           | 65535 | Send Period       |

### Unknown Network GSM operator code "Vehicle MOVING" parameters

| Parameter ID | Parameter Type | Default value | Value range |       | Parameter name    |
|--------------|----------------|---------------|-------------|-------|-------------------|
|              |                |               | Min         | Max   |                   |
| 10250        | Uint16         | 300           | 0           | 65535 | Min Period        |
| 10251        | Uint16         | 100           | 0           | 65535 | Min Distance      |
| 10252        | Uint8          | 10            | 0           | 180   | Min Angle         |
| 10253        | Uint8          | 10            | 0           | 100   | Min Speed Delta   |
| 10254        | Uint8          | 1             | 1           | 255   | Min Saved Records |

10255

Uint16

0

0

65535

Send Period

## Features parameters

### Green driving parameters

| Parameter ID | Parameter Type | Default value   | Value range |                  | Value                                                                      | Parameter name    |
|--------------|----------------|-----------------|-------------|------------------|----------------------------------------------------------------------------|-------------------|
|              |                |                 | Min         | Max              |                                                                            |                   |
| 11000        | Uint8          | 0               | 0           | 3                | 0 - Disable<br>1 - Low priority<br>2 - High priority<br>3 - Panic priority | Scenario settings |
| 11004        | Uint8          | 2.5             | 0.5         | 10               | m/s <sup>2</sup>                                                           | Max acceleration  |
| 11005        | Uint8          | 2.7             | 0.5         | 10               | m/s <sup>2</sup>                                                           | Max braking       |
| 11006        | Uint8          | 3.4             | 0.5         | 10               | m/s <sup>2</sup>                                                           | Max cornering     |
| 11007        | Uint8          | 0               | 0           | 1                | 0 - GPS<br>1 - Accelerometer                                               | Source            |
| 11008        | uint8          | 0               | 0           | 1                | Enable/Disable                                                             | Duration          |
| 11003        | Uint8          | 0               | 0           | 2 (1 for FMB125) | 0 - None<br>1 - DOUT 1<br>2 - DOUT 2                                       | Output control    |
| 11001        | Int32          | 200             | 100         | 5000             | Milliseconds                                                               | DOUT ON duration  |
| 11002        | Int32          | 200             | 0           | 5000             | Milliseconds                                                               | DOUT OFF duration |
| 7034         | Uint8          | 0               | 0           | 10               | Phone number                                                               | Send SMS to       |
| 8034         | String         | "Green Driving" | 0           | 160              | Text                                                                       | Sms text          |

### Overspeeding scenario parameters

| Parameter ID | Parameter Type | Default value  | Value range |                  | Value                                                                      | Parameter name    |
|--------------|----------------|----------------|-------------|------------------|----------------------------------------------------------------------------|-------------------|
|              |                |                | Min         | Max              |                                                                            |                   |
| 11100        | Uint8          | 0              | 0           | 3                | 0 - Disable<br>1 - Low priority<br>2 - High priority<br>3 - Panic priority | Scenario settings |
| 11104        | Uint16         | 90             | 0           | 260              | km/h                                                                       | Max speed         |
| 11103        | Uint8          | 0              | 0           | 2 (1 for FMB125) | 0 - None<br>1 - DOUT 1<br>2 - DOUT 2                                       | Output control    |
| 11101        | Int32          | 200            | 100         | 5000             | Milliseconds                                                               | DOUT ON duration  |
| 11102        | Int32          | 200            | 0           | 5000             | Milliseconds                                                               | DOUT OFF duration |
| 7032         | Uint8          | 0              | 0           | 10               | Phone number                                                               | Send SMS to       |
| 8032         | String         | "Overspeeding" | 0           | 160              | Text                                                                       | Sms text          |

### Jamming scenario parameters

| Parameter ID | Parameter Type | Default value | Value range |     | Value                                                                      | Parameter name    |
|--------------|----------------|---------------|-------------|-----|----------------------------------------------------------------------------|-------------------|
|              |                |               | Min         | Max |                                                                            |                   |
| 11300        | Uint8          | 0             | 0           | 3   | 0 - Disable<br>1 - Low priority<br>2 - High priority<br>3 - Panic priority | Scenario settings |
| 11303        | Uint8          | 1             | 0           | 1   | 0 - Disable<br>1 - Enable                                                  | Eventual records  |

|              |        |     |     |                  |                                    |                   |
|--------------|--------|-----|-----|------------------|------------------------------------|-------------------|
| <b>11304</b> | UInt8  | 0   | 0   | 2 (1 for FMB125) | 0 - None<br>1 - DOUT1<br>2 - DOUT2 | Output control    |
| <b>11301</b> | Int32  | 200 | 100 | 5000             | Milliseconds                       | DOUT ON duration  |
| <b>11302</b> | Int32  | 200 | 0   | 5000             | Milliseconds                       | DOUT OFF duration |
| <b>11305</b> | UInt16 | 60  | 0   | 65535            | Seconds                            | Timeout           |

| Parameter ID | Parameter Type | Default value            | Value range |                  | Value                                                                      | Parameter name              |
|--------------|----------------|--------------------------|-------------|------------------|----------------------------------------------------------------------------|-----------------------------|
|              |                |                          | Min         | Max              |                                                                            |                             |
| <b>11700</b> | UInt8          | 0                        | 0           | 3                | 0 - Disable<br>1 - Low priority<br>2 - High priority<br>3 - Panic priority | Scenario settings           |
| <b>11701</b> | UInt8          | 1                        | 0           | 1                | 0 - Disable<br>1 - Enable                                                  | Eventual records            |
| <b>11702</b> | UInt8          | 0                        | 0           | 2 (1 for FMB125) | 0 - Disable<br>1 - Enable (DOUT 1)<br>2 - Enable (DOUT 2)                  | Output control              |
| <b>11703</b> | UInt8          | 0                        | 0           | 1                | 0 - Disable<br>1 - Enable                                                  | iButton list check          |
| <b>7140</b>  | UInt8          | 0                        | 0           | 10               | Phone number                                                               | Send SMS to                 |
| <b>8140</b>  | String         | "Immobilizer"            | 0           | 160              | Text                                                                       | Sms text                    |
| <b>60068</b> | UInt16         | 30                       | 1           | 65535            | Seconds                                                                    | Ignition Off timeout        |
| <b>60076</b> | UInt8          | 0                        | 0           | 1                | 0 - Disable<br>1 - Enable                                                  | Alcotester Check            |
| <b>60077</b> | Double         | 0.4                      | 0           | 4                | ‰                                                                          | BAC Threshold               |
| <b>11708</b> | UInt8          | 1                        | 0           | 1                | 0 - Disable<br>1 - Enable                                                  | Blood Alcohol Content Event |
| <b>7268</b>  | UInt8          | 0                        | 0           | 10               | Phone number                                                               | Send SMS to                 |
| <b>8268</b>  | String         | "Blood" Alcohol Content" | 0           | 160              | Text                                                                       | Sms text                    |

| Parameter ID | Parameter Type | Default value | Value range |                  | Value                                           | Parameter name         |
|--------------|----------------|---------------|-------------|------------------|-------------------------------------------------|------------------------|
|              |                |               | Min         | Max              |                                                 |                        |
| <b>12000</b> | UInt8          | 0             | 0           | 2 (1 for FMB125) | 0 - None<br>1 - DOUT 1<br>2 - DOUT 2            | Digital Output control |
| <b>12001</b> | UInt8          | 0             | 0           | 3 (1 for FMB125) | 0 - None<br>1 - DIN 1<br>2 - DIN 2<br>3 - DIN 3 | DOUT deactivation      |
| <b>12002</b> | Int32          | 5             | 0           | 2147483647       | Seconds                                         | Duration timeout       |

| Parameter ID | Parameter Type | Default value | Value range |     | Value                      | Parameter name         |
|--------------|----------------|---------------|-------------|-----|----------------------------|------------------------|
|              |                |               | Min         | Max |                            |                        |
| <b>60067</b> | UInt8          | 0             | 0           | 1   | 0 - Normal<br>1 - Inverted | Digital Output control |

| Parameter ID | Parameter Type | Default value | Value range |       | Value                                                                             | Parameter name            |
|--------------|----------------|---------------|-------------|-------|-----------------------------------------------------------------------------------|---------------------------|
|              |                |               | Min         | Max   |                                                                                   |                           |
| 11704        | UInt8_t        | 0             | 0           | 3     | 0 - Disabled<br>1 - DOUT 1<br>2 - DOUT 2 (FMB120)<br>3 - DOUT 3 (only for FMB130) | Digital Output control    |
| 11705        | UInt16_t       | 200           | 100         | 50000 | Milliseconds                                                                      | DOUT duration             |
| 11706        | UInt8_t        | 0             | 0           | 1     | 0 - Disabled<br>1 - Enabled                                                       | iButton notification list |
| 11707        | UInt8_t        | 0             | 0           | 1     | 0 - Disabled<br>1 - Enabled                                                       | Depend on ignition        |

## Trip/Odometer

### Trip scenario parameters

| Parameter ID | Parameter Type | Default value | Value range |       | Value                                                                      | Parameter name       |
|--------------|----------------|---------------|-------------|-------|----------------------------------------------------------------------------|----------------------|
|              |                |               | Min         | Max   |                                                                            |                      |
| 11800        | UInt8          | 0             | 0           | 3     | 0 - Disable<br>1 - Low priority<br>2 - High priority<br>3 - Panic priority | Scenario settings    |
| 11801        | UInt8          | 1             | 0           | 1     | 0 - Disable<br>1 - Enable                                                  | Eventual records     |
| 11802        | UInt8          | 0             | 0           | 1     | 0 - Continuous<br>1 - Between records                                      | Mode                 |
| 11803        | UInt8          | 5             | 0           | 255   | km/h                                                                       | Start speed          |
| 11804        | UInt16         | 60            | 0           | 65535 | Seconds                                                                    | Ignition off timeout |
| 7031         | UInt8          | 0             | 0           | 10    | Phone number                                                               | Send SMS to          |
| 8031         | String         | "Trip"        | 0           | 160   | Text                                                                       | Sms text             |

### Advanced trip scenario parameters

| Parameter ID | Parameter Type | Default value | Value range |       | Value                     | Parameter name           |
|--------------|----------------|---------------|-------------|-------|---------------------------|--------------------------|
|              |                |               | Min         | Max   |                           |                          |
| 700          | UInt16         | 100           | 0           | 65535 | 0 - Disable               | Eco score allowed events |
| 11805        | UInt8          | 0             | 0           | 1     | 0 - Disable<br>1 - Enable | Remember iButton         |

### Odometer parameters

| Parameter ID | Parameter Type | Default value | Value range |         | Value                            | Parameter name     |
|--------------|----------------|---------------|-------------|---------|----------------------------------|--------------------|
|              |                |               | Min         | Max     |                                  |                    |
| 11806        | UInt8          | 0             | 0           | 2       | 0 - GNSS<br>1 - OBD<br>2 - LVCAN | Calculation source |
| 11807        | UInt32         | 0             | 0           | 4294967 | Kilometer                        | Odometer Value     |

### Private/Business mode scenario parameters

| Parameter ID | Parameter Type | Default value | Value range |     | Value                                                                                                                     | Parameter name        |
|--------------|----------------|---------------|-------------|-----|---------------------------------------------------------------------------------------------------------------------------|-----------------------|
|              |                |               | Min         | Max |                                                                                                                           |                       |
| 11850        | UInt8          | 0             | 0           | 3   | 0 - Disable<br>1 - Low priority<br>2 - High priority<br>3 - Panic priority                                                | Private/Business Mode |
| 11814        | UInt8          | 0             | 0           | 1   | 0 - Disable<br>1 - Enable                                                                                                 | Eventual records      |
| 11811        | UInt8          | 0             | 0           | 3   | 16 - BTAApp<br>32 - NBL-1 Button1<br>64 - NBL-1 Button2<br>128 - FMP100 Button<br>255 - Enable All                        | Triggers              |
| 11813        | UInt8          | 0             | 0           | 3   | 0 - Normal<br>1 - Data sent as Zero<br>2 - Last good known position                                                       | GPS Data Masking      |
| 11815        | UInt8          | 0             | 0           | 1   | 0 - Disable<br>1 - Enable                                                                                                 | Odometer calculation  |
| 11816        | UInt8          | 0             | 0           | 3   | 0 - Disable<br>1 - Towing detection<br>2 - Unplug detection<br>4 - Crash detection<br>8 - Autogeofence<br>15 - Enable All | Deactivate by         |
| 11849        | UInt8          | 0             | 0           | 1   | 0 - External<br>1 - Weekly Schedule                                                                                       | Trigger Type          |

## Weekly Schedule parameters

| Parameter ID | Parameter Type | Default value | Value range |     | Value | Parameter name |
|--------------|----------------|---------------|-------------|-----|-------|----------------|
|              |                |               | Min         | Max |       |                |
| 11839        | UInt16         | 0             | -720        | 840 | GMT+  | Time Zone      |

## Daylight saving scenario parameters

| Parameter ID | Parameter Type | Default value | Value range |     | Value                                                                | Parameter name     |
|--------------|----------------|---------------|-------------|-----|----------------------------------------------------------------------|--------------------|
|              |                |               | Min         | Max |                                                                      |                    |
| 11840        | UInt8          | 0             | 0           | 1   | 0 - Disable<br>1 - Enable                                            | Daylight Saving    |
| 11841        | UInt8          | 0             | 0           | 4   | 0 - First<br>1 - Second<br>2 - Third<br>3 - Fourth<br>4 - Fifth/Last | Start on DLS* week |

|              |        |   |   |      |                                                                                                                                                                           |                     |
|--------------|--------|---|---|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| <b>11842</b> | UInt8  | 1 | 1 | 12   | 1 - January<br>2 - February<br>3 - March<br>4 - April<br>5 - May<br>6 - June<br>7 - July<br>8 - August<br>9 - September<br>10 - October<br>11 - November<br>12 - December | Start on DLS* Month |
| <b>11843</b> | UInt8  | 0 | 0 | 6    | 0 - Monday<br>1 - Tuesday<br>2 - Wednesday<br>3 - Thursday<br>4 - Friday<br>5 - Saturday<br>6 - Sunday                                                                    | Start on DLS* Day   |
| <b>11844</b> | UInt16 | 0 | 0 | 1140 | Minutes                                                                                                                                                                   | Start on DLS* Time  |
| <b>11845</b> | UInt8  | 0 | 0 | 4    | 0 - First<br>1 - Second<br>2 - Third<br>3 - Fourth<br>4 - Fifth/Last                                                                                                      | End on DLS* Week    |
| <b>11846</b> | UInt8  | 1 | 1 | 12   | 1 - January<br>2 - February<br>3 - March<br>4 - April<br>5 - May<br>6 - June<br>7 - July<br>8 - August<br>9 - September<br>10 - October<br>11 - November<br>12 - December | End on DLS* Month   |
| <b>11847</b> | UInt8  | 0 | 0 | 6    | 0 - Monday<br>1 - Tuesday<br>2 - Wednesday<br>3 - Thursday<br>4 - Friday<br>5 - Saturday<br>6 - Sunday                                                                    | End on DLS* Day     |
| <b>11848</b> | UInt16 | 0 | 0 | 1140 | Minutes                                                                                                                                                                   | End on DLS* Time    |

## Weekly schedule scenario parameters

| Parameter ID | Parameter Type | Default value | Value range |      | Value                     | Parameter name                       |
|--------------|----------------|---------------|-------------|------|---------------------------|--------------------------------------|
|              |                |               | Min         | Max  |                           |                                      |
| <b>11818</b> | UInt8          | 1             | 0           | 1    | 0 - Disable<br>1 - Enable | Weekly Schedule<br>Monday Status     |
| <b>11819</b> | UInt16         | 0             | 0           | 1140 | Minutes                   | Weekly Schedule<br>Monday Start Time |
| <b>11820</b> | UInt16         | 0             | 0           | 1140 | Minutes                   | Weekly Schedule<br>Monday End Time   |
| <b>11821</b> | UInt8          | 1             | 0           | 1    | 0 - Disable<br>1 - Enable | Weekly Schedule<br>Tuesday Status    |

|              |        |   |   |      |                           |                                            |
|--------------|--------|---|---|------|---------------------------|--------------------------------------------|
| <b>11822</b> | Uint16 | 0 | 0 | 1140 | Minutes                   | Weekly Schedule<br>Tuesday Start Time      |
| <b>11823</b> | Uint16 | 0 | 0 | 1140 | Minutes                   | Weekly Schedule<br>Tuesday End Time        |
| <b>11824</b> | Uint8  | 1 | 0 | 1    | 0 - Disable<br>1 - Enable | Weekly Schedule<br>Wednesday Status        |
| <b>11825</b> | Uint16 | 0 | 0 | 1140 | Minutes                   | Weekly Schedule<br>Wednesday Start<br>Time |
| <b>11826</b> | Uint16 | 0 | 0 | 1140 | Minutes                   | Weekly Schedule<br>Wednesday End Time      |
| <b>11827</b> | Uint8  | 1 | 0 | 1    | 0 - Disable<br>1 - Enable | Weekly Schedule<br>Thursday Status         |
| <b>11828</b> | Uint16 | 0 | 0 | 1140 | Minutes                   | Weekly Schedule<br>Thursday Start Time     |
| <b>11829</b> | Uint16 | 0 | 0 | 1140 | Minutes                   | Weekly Schedule<br>Thursday End Time       |
| <b>11830</b> | Uint8  | 1 | 0 | 1    | 0 - Disable<br>1 - Enable | Weekly Schedule<br>Friday Status           |
| <b>11831</b> | Uint16 | 0 | 0 | 1140 | Minutes                   | Weekly Schedule<br>Friday Start Time       |
| <b>11832</b> | Uint16 | 0 | 0 | 1140 | Minutes                   | Weekly Schedule<br>Friday End Time         |
| <b>11833</b> | Uint8  | 1 | 0 | 1    | 0 - Disable<br>1 - Enable | Weekly Schedule<br>Saturday Status         |
| <b>11834</b> | Uint16 | 0 | 0 | 1140 | Minutes                   | Weekly Schedule<br>Saturday Start Time     |
| <b>11835</b> | Uint16 | 0 | 0 | 1140 | Minutes                   | Weekly Schedule<br>Saturday End Time       |
| <b>11836</b> | Uint8  | 1 | 0 | 1    | 0 - Disable<br>1 - Enable | Weekly Schedule<br>Sunday Status           |
| <b>11837</b> | Uint16 | 0 | 0 | 1140 | Minutes                   | Weekly Schedule<br>Sunday Start Time       |
| <b>11838</b> | Uint16 | 0 | 0 | 1140 | Minutes                   | Weekly Schedule<br>Sunday End Time         |

- - daylight saving

## AutoGeofencing scenario parameters

| Parameter ID | Parameter Type | Default value  | Value range |         | Value                                                                                                                   | Parameter name                   |
|--------------|----------------|----------------|-------------|---------|-------------------------------------------------------------------------------------------------------------------------|----------------------------------|
|              |                |                | Min         | Max     |                                                                                                                         |                                  |
| <b>20000</b> | Uint8          | 0              | 0           | 3       | 0 - Disable<br>1 - Low priority<br>2 - High priority<br>3 - Panic priority                                              | Priority                         |
| <b>20002</b> | Uint8          | 1              | 0           | 1       | 0 - Disable<br>1 - Enable                                                                                               | Eventual records                 |
| <b>20003</b> | Uint16         | 60             | 0           | 65535   | Seconds                                                                                                                 | Activation timeout               |
| <b>20001</b> | Uint8          | 0              | 0           | 2       | 0 - On exiting zone<br>1 - On entering zone<br>2 - On both                                                              | AutoGeofence event<br>generating |
| <b>20005</b> | Uint8          | 0              | 0           | 5       | 0 - Power voltage<br>1 - Digital input 1<br>2 - Engine RPM<br>3 - Digital input 2<br>4 - Digital input 3<br>5 - iButton | Deactivate by                    |
| <b>20004</b> | Uint32         | 100            | 5           | 1000000 | Value                                                                                                                   | Radius                           |
| <b>7030</b>  | Uint64         | 0              | 0           | 10      | Phone number                                                                                                            | Send SMS to                      |
| <b>8030</b>  | String         | "AutoGeofence" | 0           | 160     | Text                                                                                                                    | Sms text                         |

# Manual Geofence

| Parameter ID | Parameter Type | Default value    | Value range |         | Value                                                                      | Parameter name    |
|--------------|----------------|------------------|-------------|---------|----------------------------------------------------------------------------|-------------------|
|              |                |                  | Min         | Max     |                                                                            |                   |
| 20100        | UInt8          | 0                | 0           | 3       | 0 - Disabled<br>1 - Low<br>2 - High<br>3 - Panic                           | Priority          |
| 20101        | UInt8          | 0                | 0           | 3       | 0 - No event<br>1 - On exiting zone<br>2 - On entering zone<br>3 - On both | Operand           |
| 20102        | UInt8          | 1                | 0           | 1       | 0 - Disable<br>1 - Enable                                                  | Eventual records  |
| 20103        | UInt32         | 1                | 0           | 1000000 | Border value                                                               | Frame border      |
| 20104        | UInt8          | 0                | 0           | 1       | 0 - Circle<br>1 - Rectangle                                                | Shape type        |
| 20105        | UInt32         | 5                | 0           | 1000000 | Metres                                                                     | Radius            |
| 20106        | Double         | 0                | -180        | 180     | Coordinate                                                                 | X1                |
| 20107        | Double         | 0                | -90         | 90      | Coordinate                                                                 | Y1                |
| 20108        | Double         | 0                | -180        | 180     | Coordinate                                                                 | X2                |
| 20109        | Double         | 0                | -90         | 90      | Coordinate                                                                 | Y2                |
| 20110        | UInt8          | 0                | 0           | 1       | 0 - Disable<br>1 - Enable                                                  | Overspeeding      |
| 20111        | UInt16         | 90               | 0           | 1000    | km/h                                                                       | Max allowed speed |
| 7025         | UInt8          | 0                | 0           | 10      | Phone number                                                               | Send SMS to       |
| 8025         | String         | "Geozone Zone #" | 0           | 160     | Text                                                                       | SMS text          |

Similarly to a group defined in the upper table:

| Zone number | Parameter |                  |                  |              |            |        |       |       |       |       |              |                   |             |          |  |
|-------------|-----------|------------------|------------------|--------------|------------|--------|-------|-------|-------|-------|--------------|-------------------|-------------|----------|--|
|             | Priority  | Event generating | Eventual records | Frame border | Shape type | Radius | X1    | Y1    | X2    | Y2    | Overspeeding | Max allowed speed | Send sms to | SMS text |  |
| 1           | 20100     | 20101            | 20102            | 20103        | 20104      | 20105  | 20106 | 20107 | 20108 | 20109 | 20110        | 20111             | 7025        | 8025     |  |
| 2           | 20120     | 20121            | 20122            | 20123        | 20124      | 20125  | 20126 | 20127 | 20128 | 20129 | 20130        | 20131             | 7026        | 8026     |  |
| 3           | 20140     | 20141            | 20142            | 20143        | 20144      | 20145  | 20146 | 20147 | 20148 | 20149 | 20150        | 20151             | 7027        | 8027     |  |
| 4           | 20160     | 20161            | 20162            | 20163        | 20164      | 20165  | 20166 | 20167 | 20168 | 20169 | 20170        | 20171             | 7028        | 8028     |  |
| 5           | 20180     | 20181            | 20182            | 20183        | 20184      | 20185  | 20186 | 20187 | 20188 | 20189 | 20190        | 20191             | 7029        | 8029     |  |
| 6           | 20200     | 20201            | 20202            | 20203        | 20204      | 20205  | 20206 | 20207 | 20208 | 20209 | 20210        | 20211             | 7071        | 8071     |  |
| 7           | 20220     | 20221            | 20222            | 20223        | 20224      | 20225  | 20226 | 20227 | 20228 | 20229 | 20230        | 20231             | 7072        | 8072     |  |
| 8           | 20240     | 20241            | 20242            | 20243        | 20244      | 20245  | 20246 | 20247 | 20248 | 20249 | 20250        | 20251             | 7073        | 8073     |  |
| 9           | 20260     | 20261            | 20262            | 20263        | 20264      | 20265  | 20266 | 20267 | 20268 | 20269 | 20270        | 20271             | 7074        | 8074     |  |
| 10          | 20280     | 20281            | 20282            | 20283        | 20284      | 20285  | 20286 | 20287 | 20288 | 20289 | 20290        | 20291             | 7075        | 8075     |  |
| 11          | 20300     | 20301            | 20302            | 20303        | 20304      | 20305  | 20306 | 20307 | 20308 | 20309 | 20310        | 20311             | 7076        | 8076     |  |
| 12          | 20320     | 20321            | 20322            | 20323        | 20324      | 20325  | 20326 | 20327 | 20328 | 20329 | 20330        | 20331             | 7077        | 8077     |  |
| 13          | 20340     | 20341            | 20342            | 20343        | 20344      | 20345  | 20346 | 20347 | 20348 | 20349 | 20350        | 20351             | 7078        | 8078     |  |
| 14          | 20360     | 20361            | 20362            | 20363        | 20364      | 20365  | 20366 | 20367 | 20368 | 20369 | 20370        | 20371             | 7079        | 8079     |  |
| 15          | 20380     | 20381            | 20382            | 20383        | 20384      | 20385  | 20386 | 20387 | 20388 | 20389 | 20390        | 20391             | 7080        | 8080     |  |
| 16          | 20400     | 20401            | 20402            | 20403        | 20404      | 20405  | 20406 | 20407 | 20408 | 20409 | 20410        | 20411             | 7081        | 8081     |  |
| 17          | 20420     | 20421            | 20422            | 20423        | 20424      | 20425  | 20426 | 20427 | 20428 | 20429 | 20430        | 20431             | 7082        | 8082     |  |
| 18          | 20440     | 20441            | 20442            | 20443        | 20444      | 20445  | 20446 | 20447 | 20448 | 20449 | 20450        | 20451             | 7083        | 8083     |  |
| 19          | 20460     | 20461            | 20462            | 20463        | 20464      | 20465  | 20466 | 20467 | 20468 | 20469 | 20470        | 20471             | 7084        | 8084     |  |
| 20          | 20480     | 20481            | 20482            | 20483        | 20484      | 20485  | 20486 | 20487 | 20488 | 20489 | 20490        | 20491             | 7085        | 8085     |  |
| 21          | 20500     | 20501            | 20502            | 20503        | 20504      | 20505  | 20506 | 20507 | 20508 | 20509 | 20510        | 20511             | 7086        | 8086     |  |
| 22          | 20520     | 20521            | 20522            | 20523        | 20524      | 20525  | 20526 | 20527 | 20528 | 20529 | 20530        | 20531             | 7087        | 8087     |  |
| 23          | 20540     | 20541            | 20542            | 20543        | 20544      | 20545  | 20546 | 20547 | 20548 | 20549 | 20550        | 20551             | 7088        | 8088     |  |
| 24          | 20560     | 20561            | 20562            | 20563        | 20564      | 20565  | 20566 | 20567 | 20568 | 20569 | 20570        | 20571             | 7089        | 8089     |  |
| 25          | 20580     | 20581            | 20582            | 20583        | 20584      | 20585  | 20586 | 20587 | 20588 | 20589 | 20590        | 20591             | 7090        | 8090     |  |
| 26          | 20600     | 20601            | 20602            | 20603        | 20604      | 20605  | 20606 | 20607 | 20608 | 20609 | 20610        | 20611             | 7091        | 8091     |  |
| 27          | 20620     | 20621            | 20622            | 20623        | 20624      | 20625  | 20626 | 20627 | 20628 | 20629 | 20630        | 20631             | 7092        | 8092     |  |
| 28          | 20640     | 20641            | 20642            | 20643        | 20644      | 20645  | 20646 | 20647 | 20648 | 20649 | 20650        | 20651             | 7093        | 8093     |  |
| 29          | 20660     | 20661            | 20662            | 20663        | 20664      | 20665  | 20666 | 20667 | 20668 | 20669 | 20670        | 20671             | 7094        | 8094     |  |
| 30          | 20680     | 20681            | 20682            | 20683        | 20684      | 20685  | 20686 | 20687 | 20688 | 20689 | 20690        | 20691             | 7095        | 8095     |  |
| 31          | 20700     | 20701            | 20702            | 20703        | 20704      | 20705  | 20706 | 20707 | 20708 | 20709 | 20710        | 20711             | 7096        | 8096     |  |
| 32          | 20720     | 20721            | 20722            | 20723        | 20724      | 20725  | 20726 | 20727 | 20728 | 20729 | 20730        |                   |             |          |  |

## GPS Fuel counter

| Parameter ID | Parameter Type | Default value | Value range |     | Value       | Parameter name                 |
|--------------|----------------|---------------|-------------|-----|-------------|--------------------------------|
|              |                |               | Min         | Max |             |                                |
| 11900        | Double         | 0             | 0           | 50  | L/100km     | City consumption               |
| 11901        | Double         | 0             | 0           | 50  | L/100km     | Highway consumption            |
| 11902        | Double         | 0             | 0           | 50  | L/100km     | Average consumption            |
| 11903        | Uint8          | 30            | 0           | 250 | km/h        | City speed                     |
| 11904        | Uint8          | 90            | 0           | 250 | km/h        | Highway speed                  |
| 11905        | Uint8          | 60            | 0           | 250 | km/h        | Average speed                  |
| 11906        | Double         | 1             | 0.01        | 2   | Coefficient | Correction coefficient         |
| 11907        | Double         | 1             | 0           | 5   | L/h         | Fuel consumption on idling     |
| 11908        | Uint8          | 20            | 0           | 250 | %           | Higher speeds add              |
| 11909        | Uint8          | 50            | 0           | 100 | Value       | Highway consumption every km/h |

## Accelerometer features

### Unplug Detection

| Parameter ID | Parameter Type | Default value | Value range |     | Value                                                                      | Parameter name   |
|--------------|----------------|---------------|-------------|-----|----------------------------------------------------------------------------|------------------|
|              |                |               | Min         | Max |                                                                            |                  |
| 11500        | Uint8          | 0             | 0           | 3   | 0 - Disable<br>1 - Low priority<br>2 - High priority<br>3 - Panic priority | Scenario setting |
| 11501        | Uint8          | 1             | 0           | 1   | 0 - Disable<br>1 - Enable                                                  | Eventual records |
| 11502        | Uint8          | 1             | 0           | 1   | 0 - Simple<br>1 - Advanced                                                 | Detection mode   |
| 7036         | Uint8          | 0             | 0           | 10  | Phone number                                                               | Send SMS to      |
| 8036         | String         | "Unplug"      | 0           | 160 | Text                                                                       | Sms text         |

### Towing Detection

| Parameter ID | Parameter Type | Default value | Value range |       | Value                                                                      | Parameter name     |
|--------------|----------------|---------------|-------------|-------|----------------------------------------------------------------------------|--------------------|
|              |                |               | Min         | Max   |                                                                            |                    |
| 11600        | Uint8          | 0             | 0           | 3     | 0 - Disable<br>1 - Low priority<br>2 - High priority<br>3 - Panic priority | Priority           |
| 11601        | Uint8          | 1             | 0           | 1     | 0 - Disable<br>1 - Enable                                                  | Eventual records   |
| 11602        | Uint16         | 5             | 0           | 65535 | Minutes                                                                    | Activation timeout |
| 11603        | Uint8          | 0             | 0           | 60    | Seconds                                                                    | Event timeout      |
| 11604        | Uint8          | 0             | 0           | 10    | Phone number                                                               | Make call to       |
| 11605        | Double         | 0.22          | 0.1         | 5     | mG                                                                         | Threshold          |
| 11606        | Double         | 1             | 0.1         | 5     | Degrees                                                                    | Angle              |
| 11607        | Uint16         | 1000          | 1           | 5000  | Milliseconds                                                               | Duration           |
| 7035         | Uint8          | 0             | 0           | 10    | Phone number                                                               | Send SMS to        |

|      |        |          |   |     |      |          |
|------|--------|----------|---|-----|------|----------|
| 8035 | String | "Towing" | 0 | 160 | Text | Sms text |
|------|--------|----------|---|-----|------|----------|

## Crash Detection

| Parameter ID | Parameter Type | Default value | Value range |      | Value                                                                      | Parameter name   |
|--------------|----------------|---------------|-------------|------|----------------------------------------------------------------------------|------------------|
|              |                |               | Min         | Max  |                                                                            |                  |
| 11400        | UInt8          | 0             | 0           | 3    | 0 - Disable<br>1 - Low priority<br>2 - High priority<br>3 - Panic priority | Scenario setting |
| 11401        | UInt8          | 5             | 0           | 1000 | Milliseconds                                                               | Duration         |
| 11402        | UInt16         | 1500          | 0           | 7900 | mG                                                                         | Threshold        |
| 11406        | Int8           | 0             | 0           | 1    | 0 - Disable<br>1 - Enable                                                  | Crash trace      |
| 7037         | UInt8          | 0             | 0           | 10   | Phone number                                                               | Send SMS to      |
| 8037         | String         | "Crash"       | 0           | 160  | Text                                                                       | Sms text         |

## Excessive Idling

| Parameter ID | Parameter Type | Default value  | Value range |                  | Value                                                                      | Parameter name    |
|--------------|----------------|----------------|-------------|------------------|----------------------------------------------------------------------------|-------------------|
|              |                |                | Min         | Max              |                                                                            |                   |
| 11200        | UInt8          | 0              | 0           | 3                | 0 - Disable<br>1 - Low priority<br>2 - High priority<br>3 - Panic priority | Scenario settings |
| 11203        | UInt8          | 1              | 0           | 1                | 0 - Disable<br>1 - Enable                                                  | Eventual records  |
| 11205        | UInt8          | 5              | 0           | 3600             | Seconds                                                                    | Time to stoped    |
| 11206        | UInt8          | 2              | 0           | 3600             | Seconds                                                                    | Time to moving    |
| 11204        | UInt8          | 0              | 0           | 2 (1 for FMB125) | 0 - None<br>1 - DOUT 1<br>2 - DOUT 2                                       | Output control    |
| 11201        | Int32          | 200            | 0           | 2147483647       | Milliseconds                                                               | DOUT ON duration  |
| 11202        | Int32          | 200            | 0           | 2147483647       | Milliseconds                                                               | DOUT OFF duration |
| 7033         | UInt8          | 0              | 0           | 10               | Phone number                                                               | Send SMS to       |
| 8033         | String         | "Idling Event" | 0           | 160              | Text                                                                       | Sms text          |

## Bluetooth®

| Parameter ID | Parameter Type | Default value                  | Value range |     | Value                                                       | Parameter name    |
|--------------|----------------|--------------------------------|-------------|-----|-------------------------------------------------------------|-------------------|
|              |                |                                | Min         | Max |                                                             |                   |
| 800          | UInt8          | 0                              | 0           | 2   | 0 - Disable<br>1 - Enable hidden<br>2 - Enable visible      | Scenario settings |
| 801          | String         | "FMB1YX_(last 7 IMEI numbers)" | 0           | 16  | ID                                                          | Local name        |
| 802          | String         | "5555"                         | 0           | 4   | PIN                                                         | Local PIN         |
| 803          | UInt8          | 0                              | 0           | 3   | 0 - PIN only<br>1 - PIN and MAC<br>2 - MAC only<br>3 - None | Security mode     |
| 804          | String         | 0                              | 0           | 12  | MAC                                                         | External MAC      |

|                |        |   |   |    |                                                          |                                |
|----------------|--------|---|---|----|----------------------------------------------------------|--------------------------------|
| <b>805</b>     | String | 0 | 0 | 30 | ID                                                       | External name                  |
| <b>806</b>     | String | 0 | 0 | 8  | PIN                                                      | External PIN                   |
| <b>807</b>     | UInt8  | 0 | 0 | 3  | 0 - None<br>1 - Hands free<br>2 - OBDII<br>3 - Data link | Security mode                  |
| <b>830-834</b> | String | - | 0 | 12 | MAC list                                                 | Authorized devices<br>MAC list |

| Parameter ID | Parameter Type | Default value | Value range |       | Value                                                       | Parameter name                     |
|--------------|----------------|---------------|-------------|-------|-------------------------------------------------------------|------------------------------------|
|              |                |               | Min         | Max   |                                                             |                                    |
| <b>1100</b>  | UInt16         | 120           | 120         | 65535 | Seconds                                                     | TZ-BT04/05/05B<br>Update frequency |
| <b>1110</b>  | UInt8          | 4             | 0           | 6     | 0 - 1<br>1 - 2<br>2 - 3<br>3 - 4<br>4 - 5<br>5 - 6<br>6 - 7 | BT Power Level                     |
| <b>1111</b>  | UInt8          | 0             | 0           | 4     | ID                                                          | BLE broadcasting<br>service ID     |

## Bluetooth® 4.0

### Common Settings

| Parameter ID | Parameter Type | Default value | Value range |                   | Value                                                                                      | Parameter name                 |
|--------------|----------------|---------------|-------------|-------------------|--------------------------------------------------------------------------------------------|--------------------------------|
|              |                |               | Min         | Max               |                                                                                            |                                |
| <b>1115</b>  | UInt8          | 0             | 0           | 1                 | 0 - Disable<br>1 - Enable                                                                  | Non Stop Scan                  |
| <b>1100</b>  | Int32          | 120           | 30          | 65535             | Seconds                                                                                    | TZ-BT04 Update<br>frequency    |
| <b>1113</b>  | Int32          | 60            | 5           | 120               | Seconds                                                                                    | BLE Scan duration              |
| <b>1114</b>  | Int32          | 30            | 0           | 65535             | Seconds                                                                                    | Scan retries untill<br>error   |
| <b>1110</b>  | Int8           | 5             | 1           | 7                 | Range in meters:<br>1 - < 0.5<br>2 - 0.5<br>3 - 11<br>4 - 13<br>5 - 15<br>6 - 27<br>7 - 50 | BTPower                        |
| <b>1111</b>  | String         | -             | -           | TextMaxLength="4" | -                                                                                          | BLE broadcasting<br>service ID |
| <b>1112</b>  | Int8           | 1             | 0           | 1                 | 0 - Prohibit<br>1 - Allow                                                                  | BLE connection<br>control      |

### BLE functionalities Connection #1

| Parameter ID | Parameter Type | Default value | Value range |     | Value                                                             | Parameter name              |
|--------------|----------------|---------------|-------------|-----|-------------------------------------------------------------------|-----------------------------|
|              |                |               | Min         | Max |                                                                   |                             |
| <b>1200</b>  | UInt8          | 0             | 0           | 2   | 0 - Disabled<br>1 - TZ-BT04/05/05B<br>sensor<br>2 - Efento sensor | Working mode                |
| <b>1201</b>  | UInt8          | 0             | 0           | 8   | ID                                                                | TZ-BT04/05/05B<br>sensor ID |
| <b>1202</b>  | String         | 0             | 0           | 12  | MAC                                                               | Efento sensor MAC           |

BLE functionalities Connection #2

| Parameter ID | Parameter Type | Default value | Value range |     | Value                                                          | Parameter name           |
|--------------|----------------|---------------|-------------|-----|----------------------------------------------------------------|--------------------------|
|              |                |               | Min         | Max |                                                                |                          |
| 1250         | UInt8          | 0             | 0           | 2   | 0 - Disabled<br>1 - TZ-BT04/05/05B sensor<br>2 - Efento sensor | Working mode             |
| 1251         | UInt8          | 0             | 0           | 8   | ID                                                             | TZ-BT04/05/05B sensor ID |
| 1252         | String         | 0             | 0           | 12  | MAC                                                            | Efento sensor MAC        |

BLE functionalities Connection #3

| Parameter ID | Parameter Type | Default value | Value range |     | Value                                                          | Parameter name           |
|--------------|----------------|---------------|-------------|-----|----------------------------------------------------------------|--------------------------|
|              |                |               | Min         | Max |                                                                |                          |
| 1300         | UInt8          | 0             | 0           | 2   | 0 - Disabled<br>1 - TZ-BT04/05/05B sensor<br>2 - Efento sensor | Working mode             |
| 1301         | UInt8          | 0             | 0           | 8   | ID                                                             | TZ-BT04/05/05B sensor ID |
| 1302         | String         | 0             | 0           | 12  | MAC                                                            | Efento sensor MAC        |

BLE functionalities Connection #4

| Parameter ID | Parameter Type | Default value | Value range |     | Value                                                          | Parameter name           |
|--------------|----------------|---------------|-------------|-----|----------------------------------------------------------------|--------------------------|
|              |                |               | Min         | Max |                                                                |                          |
| 1350         | UInt8          | 0             | 0           | 2   | 0 - Disabled<br>1 - TZ-BT04/05/05B sensor<br>2 - Efento sensor | Working mode             |
| 1351         | UInt8          | -             | 0           | 8   | ID                                                             | TZ-BT04/05/05B sensor ID |
| 1352         | String         | 0             | 0           | 12  | MAC                                                            | Efento sensor MAC        |

Beacon List Parameters

| Parameter ID | Parameter Type | Default value | Value Range |        | Value                                     | Parameter Name            |
|--------------|----------------|---------------|-------------|--------|-------------------------------------------|---------------------------|
|              |                |               | Min         | Max    |                                           |                           |
| 134          | UInt8          | 0             | 0           | 2      | 0 - Disabled<br>1 - All<br>2 - Configured | Beacon Detection          |
| 136          | UInt8          | 0             | 0           | 1      | 0 - Eventual<br>1 - Periodic              | Beacon Record             |
| 137          | UInt32         | 60            | 0           | 259200 | Seconds                                   | Record Period on Move (s) |
| 139          | UInt32         | 60            | 0           | 259200 | Seconds                                   | Record Period on Stop (s) |

Beacon List

| Parameter ID | iBeacon          | EddyStone             |
|--------------|------------------|-----------------------|
| 1600         |                  |                       |
| ...          | UUID:Major:Minor | Namespace:Instance ID |
| 1624         |                  |                       |

Example:

<login><space><password><space>setparam

1600:4B5C049F515341FCA950D2C264414E10-0005-0006

<login><space><password><space>setparam 1600:00112233445566778899-ABCDE0810047

## Tracking on Demand

| Parameter ID | Parameter Type | Default value | Value range |      | Parameter name    |
|--------------|----------------|---------------|-------------|------|-------------------|
|              |                |               | Min         | Max  |                   |
| 10990        | Uint8          | 10            | 5           | 60   | Tracking period   |
| 10991        | Uint16         | 600           | 300         | 3600 | Tracking duration |

## I/O parameters

| Parameter ID | Parameter Type | Default value | Value range |       | Parameter name                        |
|--------------|----------------|---------------|-------------|-------|---------------------------------------|
|              |                |               | Min         | Max   |                                       |
| 50000        | Uint8          | 1             | 0           | 3     | Ignition <a href="#">Priority</a>     |
| 50001        | Uint8          | 5             | 0           | 6     | Ignition <a href="#">Operand</a>      |
| 50002        | Uint8          | 0             | 0           | 1     | Ignition High level                   |
| 50003        | Uint8          | 0             | 0           | 1     | Ignition Low level                    |
| 50004        | Uint8          | 0             | 0           | 1     | Ignition <a href="#">Event only</a>   |
| 50005        | Uint16         | 10            | 0           | 65535 | Ignition Average                      |
| 7000         | Uint8          | 0             | 0           | 10    | Send SMS                              |
| 8000         | String         | 0             | 0           | 160   | SMS Text                              |
| 50010        | Uint8          | 1             | 0           | 3     | Movement <a href="#">Priority</a>     |
| 50011        | Uint8          | 5             | 0           | 6     | Movement <a href="#">Operand</a>      |
| 50012        | Uint8          | 0             | 0           | 1     | Movement High level                   |
| 50013        | Uint8          | 0             | 0           | 1     | Movement Low level                    |
| 50014        | Uint8          | 0             | 0           | 1     | Movement <a href="#">Event only</a>   |
| 50015        | Uint16         | 1             | 0           | 65535 | Movement Average                      |
| 7001         | Uint8          | 0             | 0           | 10    | Send SMS                              |
| 8001         | String         | 0             | 0           | 160   | SMS Text                              |
| 50020        | Uint8          | 1             | 0           | 3     | Data Mode <a href="#">Priority</a>    |
| 50021        | Uint8          | 3             | 0           | 6     | Data Mode Operand                     |
| 50022        | Uint8          | 0             | 0           | 5     | Data Mode High level                  |
| 50023        | Uint8          | 0             | 0           | 5     | Data Mode Low level                   |
| 50024        | Uint8          | 0             | 0           | 1     | Data Mode <a href="#">Event only</a>  |
| 7002         | Uint8          | 0             | 0           | 10    | Send SMS                              |
| 8002         | String         | 0             | 0           | 160   | SMS Text                              |
| 50030        | Uint8          | 1             | 0           | 3     | GSM Signal <a href="#">Priority</a>   |
| 50031        | Uint8          | 3             | 0           | 6     | GSM Signal <a href="#">Operand</a>    |
| 50032        | Uint8          | 0             | 0           | 5     | GSM Signal High level                 |
| 50033        | Uint8          | 0             | 0           | 5     | GSM Signal Low level                  |
| 50034        | Uint8          | 0             | 0           | 1     | GSM Signal <a href="#">Event only</a> |
| 50035        | Uint16         | 1             | 0           | 65535 | GSM Signal Average                    |
| 7003         | Uint8          | 0             | 0           | 10    | Send SMS                              |
| 8003         | String         | 0             | 0           | 160   | SMS Text                              |
| 50040        | Uint8          | 1             | 0           | 3     | Deep Sleep <a href="#">Priority</a>   |
| 50041        | Uint8          | 3             | 0           | 6     | Deep Sleep <a href="#">Operand</a>    |
| 50042        | Uint8          | 0             | 0           | 2     | Deep Sleep High level                 |
| 50043        | Uint8          | 0             | 0           | 2     | Deep Sleep Low level                  |
| 50044        | Uint8          | 0             | 0           | 1     | Deep Sleep <a href="#">Event only</a> |
| 7004         | Uint8          | 0             | 0           | 10    | Send SMS                              |
| 8004         | String         | 0             | 0           | 160   | SMS Text                              |
| 50050        | Uint8          | 1             | 0           | 3     | GNSS Status <a href="#">Priority</a>  |
| 50051        | Uint8          | 3             | 0           | 6     | GNSS Status <a href="#">Operand</a>   |
| 50052        | Uint8          | 0             | 0           | 5     | GNSS Status High level                |

|       |        |      |   |        |                                             |
|-------|--------|------|---|--------|---------------------------------------------|
| 50053 | UInt8  | 0    | 0 | 5      | GNSS Status Low level                       |
| 50053 | UInt8  | 0    | 0 | 1      | GNSS Status <a href="#">Event only</a>      |
| 7005  | UInt8  | 0    | 0 | 10     | Send SMS                                    |
| 8005  | String | 0    | 0 | 160    | SMS Text                                    |
| 50060 | UInt8  | 0    | 0 | 3      | GNSS PDOP <a href="#">Priority</a>          |
| 5061  | UInt8  | 3    | 0 | 6      | GNSS PDOP <a href="#">Operand</a>           |
| 5062  | UInt16 | 0    | 0 | 1000   | GNSS PDOP High level                        |
| 5063  | UInt16 | 0    | 0 | 1000   | GNSS PDOP Low level                         |
| 5064  | UInt8  | 0    | 0 | 1      | GNSS PDOP <a href="#">Event only</a>        |
| 5065  | UInt16 | 10   | 0 | 65535  | GNSS PDOP Average                           |
| 7006  | UInt8  | 0    | 0 | 10     | Send SMS                                    |
| 8006  | String | 0    | 0 | 160    | SMS Text                                    |
| 50070 | UInt8  | 1    | 0 | 3      | GNSS HDOP <a href="#">Priority</a>          |
| 50071 | UInt8  | 3    | 0 | 6      | GNSS HDOP <a href="#">Operand</a>           |
| 50072 | UInt16 | 0    | 0 | 1000   | GNSS HDOP High level                        |
| 50073 | UInt16 | 0    | 0 | 1000   | GNSS HDOP Low level                         |
| 50074 | UInt8  | 0    | 0 | 1      | GNSS HDOP <a href="#">Event only</a>        |
| 50075 | UInt16 | 10   | 0 | 65535  | GNSS HDOP Average                           |
| 7007  | UInt8  | 0    | 0 | 10     | Send SMS                                    |
| 8007  | String | 0    | 0 | 160    | SMS Text                                    |
| 50080 | UInt8  | 1    | 0 | 3      | External Voltage <a href="#">Priority</a>   |
| 50081 | UInt8  | 6    | 0 | 6      | External Voltage <a href="#">Operand</a>    |
| 50082 | UInt16 | 1000 | 0 | 60000  | External Voltage High level                 |
| 50083 | UInt16 | 0    | 0 | 60000  | External Voltage Low level                  |
| 50084 | UInt8  | 0    | 0 | 1      | External Voltage <a href="#">Event only</a> |
| 50085 | UInt16 | 10   | 0 | 65535  | External Voltage Average                    |
| 7008  | UInt8  | 0    | 0 | 10     | Send SMS                                    |
| 8008  | String | 0    | 0 | 160    | SMS Text                                    |
| 50090 | UInt8  | 1    | 0 | 3      | Speed <a href="#">Priority</a>              |
| 50091 | UInt8  | 3    | 0 | 6      | Speed <a href="#">Operand</a>               |
| 50092 | UInt16 | 0    | 0 | 300    | Speed High level                            |
| 50093 | UInt16 | 0    | 0 | 300    | Speed Low level                             |
| 50094 | UInt8  | 0    | 0 | 1      | Speed <a href="#">Event only</a>            |
| 50095 | UInt16 | 1    | 0 | 65535  | Speed Average                               |
| 7009  | UInt8  | 0    | 0 | 10     | Send SMS                                    |
| 8009  | String | 0    | 0 | 160    | SMS Text                                    |
| 50100 | UInt8  | 0    | 0 | 3      | GSM Cell ID <a href="#">Priority</a>        |
| 50101 | UInt8  | 3    | 0 | 6      | GSM Cell ID <a href="#">Operand</a>         |
| 50102 | UInt32 | 0    | 0 | 999999 | GSM Cell ID High level                      |
| 50103 | UInt32 | 0    | 0 | 999999 | GSM Cell ID Low level                       |
| 50104 | UInt8  | 0    | 0 | 1      | GSM Cell ID <a href="#">Event only</a>      |
| 7010  | UInt8  | 0    | 0 | 10     | Send SMS                                    |
| 8010  | String | 0    | 0 | 160    | SMS Text                                    |
| 50110 | UInt8  | 0    | 0 | 3      | GSM Area Code <a href="#">Priority</a>      |
| 50111 | UInt8  | 3    | 0 | 6      | GSM Area Code <a href="#">Operand</a>       |
| 50112 | UInt32 | 0    | 0 | 999999 | GSM Area Code High level                    |
| 50113 | UInt32 | 0    | 0 | 999999 | GSM Area Code Low level                     |
| 50114 | UInt8  | 0    | 0 | 1      | GSM Area Code <a href="#">Event only</a>    |
| 7011  | UInt8  | 0    | 0 | 10     | Send SMS                                    |
| 8011  | String | 0    | 0 | 160    | SMS Text                                    |
| 50120 | UInt8  | 1    | 0 | 3      | Battery Voltage <a href="#">Priority</a>    |
| 50121 | UInt8  | 3    | 0 | 6      | Battery Voltage <a href="#">Operand</a>     |
| 50122 | UInt16 | 0    | 0 | 5000   | Battery Voltage High level                  |
| 50123 | UInt16 | 0    | 0 | 5000   | Battery Voltage Low level                   |
| 50124 | UInt8  | 0    | 0 | 1      | Battery Voltage <a href="#">Event only</a>  |
| 50125 | UInt8  | 0    | 0 | 10     | Battery Voltage Average                     |
| 7012  | UInt8  | 0    | 0 | 10     | Send SMS                                    |
| 8012  | String | 0    | 0 | 160    | SMS Text                                    |
| 50130 | UInt8  | 1    | 0 | 3      | Battery Current <a href="#">Priority</a>    |

|       |        |    |   |          |                                                |
|-------|--------|----|---|----------|------------------------------------------------|
| 50131 | UInt8  | 3  | 0 | 6        | Battery Current <a href="#">Operand</a>        |
| 50132 | UInt16 | 0  | 0 | 5000     | Battery Current High level                     |
| 50133 | UInt16 | 0  | 0 | 5000     | Battery Current Low level                      |
| 50134 | UInt8  | 0  | 0 | 1        | Battery Current <a href="#">Event only</a>     |
| 50135 | UInt8  | 0  | 0 | 10       | Battery Current Average                        |
| 7013  | UInt8  | 0  | 0 | 10       | Send SMS                                       |
| 8013  | String | 0  | 0 | 160      | SMS Text                                       |
| 50140 | UInt8  | 0  | 0 | 3        | Active GSM Operator <a href="#">Priority</a>   |
| 50141 | UInt8  | 3  | 0 | 6        | Active GSM Operator <a href="#">Operand</a>    |
| 50142 | UInt32 | 0  | 0 | 999999   | Active GSM Operator High level                 |
| 50143 | UInt32 | 0  | 0 | 999999   | Active GSM Operator Low level                  |
| 50144 | UInt8  | 0  | 0 | 1        | Active GSM Operator <a href="#">Event only</a> |
| 7014  | UInt8  | 0  | 0 | 10       | Send SMS                                       |
| 8014  | String | 0  | 0 | 160      | SMS Text                                       |
| 50150 | UInt8  | 0  | 0 | 3        | Trip Odometer <a href="#">Priority</a>         |
| 50151 | UInt8  | 3  | 0 | 6        | Trip Odometer <a href="#">Operand</a>          |
| 50152 | UInt32 | 0  | 0 | 1000000  | Trip Odometer High level                       |
| 50153 | UInt32 | 0  | 0 | 1000000  | Trip Odometer Low level                        |
| 50154 | UInt8  | 0  | 0 | 1        | Trip Odometer <a href="#">Event only</a>       |
| 7015  | UInt8  | 0  | 0 | 10       | Send SMS                                       |
| 8015  | String | 0  | 0 | 160      | SMS Text                                       |
| 50160 | UInt8  | 0  | 0 | 3        | Total Odometer <a href="#">Priority</a>        |
| 50161 | UInt8  | 3  | 0 | 6        | Total Odometer <a href="#">Operand</a>         |
| 50162 | UInt32 | 0  | 0 | 10000000 | Total Odometer High level                      |
| 50163 | UInt32 | 0  | 0 | 10000000 | Total Odometer Low level                       |
| 50164 | UInt8  | 0  | 0 | 1        | Total Odometer <a href="#">Event only</a>      |
| 7016  | UInt8  | 0  | 0 | 10       | Send SMS                                       |
| 8016  | String | 0  | 0 | 160      | SMS Text                                       |
| 50170 | UInt8  | 0  | 0 | 3        | Digital Input 1 <a href="#">Priority</a>       |
| 50171 | UInt8  | 3  | 0 | 6        | Digital Input 1 <a href="#">Operand</a>        |
| 50172 | UInt8  | 0  | 0 | 1        | Digital Input 1 High level                     |
| 50173 | UInt8  | 0  | 0 | 1        | Digital Input 1 Low level                      |
| 50174 | UInt8  | 0  | 0 | 1        | Digital Input 1 <a href="#">Event only</a>     |
| 50175 | UInt16 | 1  | 0 | 65535    | Digital Input 1 Average                        |
| 7017  | UInt8  | 0  | 0 | 10       | Send SMS                                       |
| 8017  | String | 0  | 0 | 160      | SMS Text                                       |
| 50180 | UInt8  | 0  | 0 | 3        | Analog Input 1 <a href="#">Priority</a>        |
| 50181 | UInt8  | 3  | 0 | 6        | Analog Input 1 <a href="#">Operand</a>         |
| 50182 | UInt16 | 0  | 0 | 30000    | Analog Input 1 High level                      |
| 50183 | UInt16 | 0  | 0 | 30000    | Analog Input 1 Low level                       |
| 50184 | UInt8  | 0  | 0 | 1        | Analog Input 1 <a href="#">Event only</a>      |
| 50185 | UInt16 | 10 | 0 | 65535    | Analog Input 1 Average                         |
| 7018  | UInt8  | 0  | 0 | 10       | Send SMS                                       |
| 8018  | String | 0  | 0 | 160      | SMS Text                                       |
| 50190 | UInt8  | 0  | 0 | 3        | Digital Output 1 <a href="#">Priority</a>      |
| 50191 | UInt8  | 0  | 0 | 6        | Digital Output 1 <a href="#">Operand</a>       |
| 50192 | UInt8  | 0  | 0 | 1        | Digital Output 1 High level                    |
| 50193 | UInt8  | 0  | 0 | 1        | Digital Output 1 Low level                     |
| 50194 | UInt8  | 0  | 0 | 1        | Digital Output 1 <a href="#">Event only</a>    |
| 50195 | UInt16 | 1  | 0 | 65535    | Digital Output 1 Average                       |
| 7019  | UInt8  | 0  | 0 | 10       | Send SMS                                       |
| 8019  | String | 0  | 0 | 160      | SMS Text                                       |
| 50200 | UInt8  | 0  | 0 | 3        | Fuel Used GPS <a href="#">Priority</a>         |
| 50201 | UInt8  | 3  | 0 | 6        | Fuel Used GPS <a href="#">Operand</a>          |
| 50202 | UInt32 | 0  | 0 | 1000000  | Fuel Used GPS High level                       |
| 50203 | UInt32 | 0  | 0 | 1000000  | Fuel Used GPS Low level                        |
| 50204 | UInt8  | 0  | 0 | 1        | Fuel Used GPS <a href="#">Event only</a>       |
| 50205 | UInt16 | 1  | 0 | 65535    | Fuel Used GPS Average                          |
| 7020  | UInt8  | 0  | 0 | 10       | Send SMS                                       |

|       |        |   |       |         |                                            |
|-------|--------|---|-------|---------|--------------------------------------------|
| 8020  | String | 0 | 0     | 160     | SMS Text                                   |
| 50210 | UInt8  | 0 | 0     | 3       | Fuel Rate GPS <a href="#">Priority</a>     |
| 50211 | UInt8  | 3 | 0     | 6       | Fuel Rate GPS <a href="#">Operand</a>      |
| 50212 | UInt32 | 0 | 0     | 1000000 | Fuel Rate GPS High level                   |
| 50213 | UInt32 | 0 | 0     | 1000000 | Fuel Rate GPS Low level                    |
| 50214 | UInt8  | 0 | 0     | 1       | Fuel Rate GPS <a href="#">Event only</a>   |
| 50215 | UInt16 | 1 | 0     | 65535   | Fuel Rate GPS Average                      |
| 7021  | UInt8  | 0 | 0     | 10      | Send SMS                                   |
| 8021  | String | 0 | 0     | 160     | SMS Text                                   |
| 50220 | UInt8  | 0 | 0     | 3       | Axis X <a href="#">Priority</a>            |
| 50221 | UInt8  | 3 | 0     | 6       | Axis X <a href="#">Operand</a>             |
| 50222 | UInt16 | 0 | -8000 | 8000    | Axis X High level                          |
| 50223 | UInt16 | 0 | -8000 | 8000    | Axis X Low level                           |
| 50224 | UInt8  | 0 | 0     | 1       | Axis X <a href="#">Event only</a>          |
| 50225 | UInt16 | 1 | 0     | 65535   | Axis X Average                             |
| 7022  | UInt8  | 0 | 0     | 10      | Send SMS                                   |
| 8022  | String | 0 | 0     | 160     | SMS Text                                   |
| 50230 | UInt8  | 0 | 0     | 3       | Axis Y <a href="#">Priority</a>            |
| 50231 | UInt8  | 3 | 0     | 6       | Axis Y <a href="#">Operand</a>             |
| 50232 | UInt16 | 0 | -8000 | 8000    | Axis Y High level                          |
| 50233 | UInt16 | 0 | -8000 | 8000    | Axis Y Low level                           |
| 50234 | UInt8  | 0 | 0     | 1       | Axis Y <a href="#">Event only</a>          |
| 50235 | UInt16 | 1 | 0     | 65535   | Axis Y Average                             |
| 7023  | UInt8  | 0 | 0     | 10      | Send SMS                                   |
| 8023  | String | 0 | 0     | 160     | SMS Text                                   |
| 50240 | UInt8  | 0 | 0     | 3       | Axis Z <a href="#">Priority</a>            |
| 50241 | UInt8  | 3 | 0     | 6       | Axis Z <a href="#">Operand</a>             |
| 50242 | UInt16 | 0 | -8000 | 8000    | Axis Z High level                          |
| 50243 | UInt16 | 0 | -8000 | 8000    | Axis Z Low level                           |
| 50244 | UInt8  | 0 | 0     | 1       | Axis Z <a href="#">Event only</a>          |
| 50245 | UInt16 | 1 | 0     | 65535   | Axis Z Average                             |
| 7024  | UInt8  | 0 | 0     | 10      | Send SMS                                   |
| 8024  | String | 0 | 0     | 160     | SMS Text                                   |
| 50250 | UInt8  | 0 | 0     | 3       | ICCID <a href="#">Priority</a>             |
| 50251 | UInt8  | 3 | 0     | 6       | ICCID <a href="#">Operand</a>              |
| 50254 | UInt8  | 0 | 0     | 1       | ICCID <a href="#">Event only</a>           |
| 7069  | UInt8  | 0 | 0     | 10      | Send SMS                                   |
| 8069  | String | 0 | 0     | 160     | SMS Text                                   |
| 50260 | UInt8  | 0 | 0     | 3       | SD Status <a href="#">Priority</a>         |
| 50261 | UInt8  | 3 | 0     | 6       | SD Status <a href="#">Operand</a>          |
| 50262 | UInt8  | 0 | 0     | 1       | SD Status High level                       |
| 50263 | UInt8  | 0 | 0     | 1       | SD Status Low level                        |
| 7070  | UInt8  | 0 | 0     | 10      | Send SMS                                   |
| 8070  | String | 0 | 0     | 160     | SMS Text                                   |
| 50270 | UInt8  | 0 | 0     | 3       | Digital Input 2 <a href="#">Priority</a>   |
| 50271 | UInt8  | 3 | 0     | 6       | Digital Input 2 <a href="#">Operand</a>    |
| 50272 | UInt8  | 0 | 0     | 1       | Digital Input 2 High level                 |
| 50273 | UInt8  | 0 | 0     | 1       | Digital Input 2 Low level                  |
| 50274 | UInt8  | 0 | 0     | 1       | Digital Input 2 <a href="#">Event only</a> |
| 50275 | UInt16 | 0 | 0     | 65535   | Digital Input 2 Average                    |
| 7116  | UInt8  | 0 | 0     | 10      | Send SMS                                   |
| 8116  | String | 0 | 0     | 160     | SMS Text                                   |
| 50280 | UInt8  | 0 | 0     | 3       | Digital Input 3 <a href="#">Priority</a>   |
| 50281 | UInt8  | 3 | 0     | 6       | Digital Input 3 <a href="#">Operand</a>    |
| 50282 | UInt8  | 0 | 0     | 1       | Digital Input 3 High level                 |
| 50283 | UInt8  | 0 | 0     | 1       | Digital Input 3 Low level                  |
| 50284 | UInt8  | 0 | 0     | 1       | Digital Input 3 <a href="#">Event only</a> |
| 50285 | UInt16 | 0 | 0     | 65535   | Digital Input 3 Average                    |
| 7117  | UInt8  | 0 | 0     | 10      | Send SMS                                   |

|       |        |   |     |           |                                                    |
|-------|--------|---|-----|-----------|----------------------------------------------------|
| 8117  | String | 0 | 0   | 160       | SMS Text                                           |
| 50290 | UInt8  | 0 | 0   | 3         | Analog Input 2 <a href="#">Priority</a>            |
| 50291 | UInt8  | 3 | 0   | 6         | Analog Input 2 <a href="#">Operand</a>             |
| 50292 | UInt16 | 0 | 0   | 30000     | Analog Input 2 High level                          |
| 50293 | UInt16 | 0 | 0   | 30000     | Analog Input 2 Low level                           |
| 50294 | UInt8  | 0 | 0   | 1         | Analog Input 2 <a href="#">Event only</a>          |
| 50295 | UInt16 | 0 | 0   | 65535     | Analog Input 2 Average                             |
| 7117  | UInt8  | 0 | 0   | 10        | Send SMS                                           |
| 8117  | String | 0 | 0   | 160       | SMS Text                                           |
| 50300 | UInt8  | 0 | 0   | 3         | Digital Output 2 <a href="#">Priority</a>          |
| 50301 | UInt8  | 3 | 0   | 6         | Digital Output 2 <a href="#">Operand</a>           |
| 50302 | UInt8  | 0 | 0   | 1         | Digital Output 2 Hight level                       |
| 50303 | UInt8  | 0 | 0   | 1         | Digital Output 2 Low level                         |
| 50304 | UInt8  | 0 | 0   | 1         | Digital Output 2 <a href="#">Event only</a>        |
| 50305 | UInt16 | 1 | 0   | 65535     | Digital Output 2 Average                           |
| 7119  | UInt8  | 0 | 0   | 10        | Send SMS                                           |
| 8119  | String | 0 | 0   | 160       | SMS Text                                           |
| 50310 | UInt8  | 0 | 0   | 3         | Dallas Temperature 1 <a href="#">Priority</a>      |
| 50311 | UInt8  | 3 | 0   | 6         | Dallas Temperature 1 <a href="#">Operand</a>       |
| 50312 | Int8   | 0 | -55 | 125       | Dallas Temperature 1 High level                    |
| 50313 | Int8   | 0 | -55 | 125       | Dallas Temperature 1 Low level                     |
| 50314 | UInt8  | 0 | 0   | 1         | Dallas Temperature 1 <a href="#">Event only</a>    |
| 50315 | UInt16 | 0 | 0   | 65535     | Dallas Temperature 1 Average                       |
| 7120  | UInt8  | 0 | 0   | 10        | Send SMS                                           |
| 8120  | String | 0 | 0   | 160       | SMS Text                                           |
| 50320 | UInt8  | 0 | 0   | 3         | Dallas Temperature 2 <a href="#">Priority</a>      |
| 50321 | UInt8  | 3 | 0   | 6         | Dallas Temperature 2 <a href="#">Operand</a>       |
| 50322 | Int8   | 0 | -55 | 125       | Dallas Temperature 2 High level                    |
| 50323 | Int8   | 0 | -55 | 125       | Dallas Temperature 2 Low level                     |
| 50324 | UInt8  | 0 | 0   | 1         | Dallas Temperature 2 <a href="#">Event only</a>    |
| 50325 | UInt16 | 0 | 0   | 65535     | Dallas Temperature 2 Average                       |
| 7121  | UInt8  | 0 | 0   | 10        | Send SMS                                           |
| 8121  | String | 0 | 0   | 160       | SMS Text                                           |
| 50330 | UInt8  | 0 | 0   | 3         | Dallas Temperature 3 <a href="#">Priority</a>      |
| 50331 | UInt8  | 3 | 0   | 6         | Dallas Temperature 3 <a href="#">Operand</a>       |
| 50332 | Int8   | 0 | -55 | 125       | Dallas Temperature 3 High level                    |
| 50333 | Int8   | 0 | -55 | 125       | Dallas Temperature 3 Low level                     |
| 50334 | UInt8  | 0 | 0   | 1         | Dallas Temperature 3 <a href="#">Event only</a>    |
| 50335 | UInt16 | 0 | 0   | 65535     | Dallas Temperature 3 Average                       |
| 7122  | UInt8  | 0 | 0   | 10        | Send SMS                                           |
| 8122  | String | 0 | 0   | 160       | SMS Text                                           |
| 50340 | UInt8  | 0 | 0   | 3         | Dallas Temperature 4 <a href="#">Priority</a>      |
| 50341 | UInt8  | 3 | 0   | 6         | Dallas Temperature 4 <a href="#">Operand</a>       |
| 50342 | Int8   | 0 | -55 | 125       | Dallas Temperature 4 High level                    |
| 50343 | Int8   | 0 | -55 | 125       | Dallas Temperature 4 Low level                     |
| 50344 | UInt8  | 0 | 0   | 1         | Dallas Temperature 4 <a href="#">Event only</a>    |
| 50345 | UInt16 | 0 | 0   | 65535     | Dallas Temperature 4 Average                       |
| 7123  | UInt8  | 0 | 0   | 10        | Send SMS                                           |
| 8123  | String | 0 | 0   | 160       | SMS Text                                           |
| 50350 | UInt8  | 0 | 0   | 3         | Dallas Temperature ID 1 <a href="#">Priority</a>   |
| 50351 | UInt8  | 3 | 0   | 6         | Dallas Temperature ID 1 <a href="#">Operand</a>    |
| 50352 | UInt32 | 0 | 0   | 999999999 | Dallas Temperature ID 1 High level                 |
| 50353 | UInt32 | 0 | 0   | 999999999 | Dallas Temperature ID 1 Low level                  |
| 50354 | UInt8  | 0 | 0   | 1         | Dallas Temperature ID 1 <a href="#">Event only</a> |
| 50355 | UInt16 | 0 | 0   | 65535     | Dallas Temperature ID 1 Average                    |
| 7124  | UInt8  | 0 | 0   | 10        | Send SMS                                           |
| 8124  | String | 0 | 0   | 160       | SMS Text                                           |
| 50360 | UInt8  | 0 | 0   | 3         | Dallas Temperature ID 2 <a href="#">Priority</a>   |
| 50361 | UInt8  | 3 | 0   | 6         | Dallas Temperature ID 2 <a href="#">Operand</a>    |

|       |        |   |   |           |                                                    |
|-------|--------|---|---|-----------|----------------------------------------------------|
| 50362 | UInt32 | 0 | 0 | 999999999 | Dallas Temperature ID 2 High level                 |
| 50363 | UInt32 | 0 | 0 | 999999999 | Dallas Temperature ID 2 Low level                  |
| 50364 | UInt8  | 0 | 0 | 1         | Dallas Temperature ID 2 <a href="#">Event only</a> |
| 50365 | UInt16 | 0 | 0 | 65535     | Dallas Temperature ID 2 Average                    |
| 7125  | UInt8  | 0 | 0 | 10        | Send SMS                                           |
| 8125  | String | 0 | 0 | 160       | SMS Text                                           |
| 50370 | UInt8  | 0 | 0 | 3         | Dallas Temperature ID 3 <a href="#">Priority</a>   |
| 50371 | UInt8  | 3 | 0 | 6         | Dallas Temperature ID 3 <a href="#">Operand</a>    |
| 50372 | UInt32 | 0 | 0 | 999999999 | Dallas Temperature ID 3 High level                 |
| 50373 | UInt32 | 0 | 0 | 999999999 | Dallas Temperature ID 3 Low level                  |
| 50374 | UInt8  | 0 | 0 | 1         | Dallas Temperature ID 3 <a href="#">Event only</a> |
| 50375 | UInt16 | 0 | 0 | 65535     | Dallas Temperature ID 3 Average                    |
| 7126  | UInt8  | 0 | 0 | 10        | Send SMS                                           |
| 8126  | String | 0 | 0 | 160       | SMS Text                                           |
| 50380 | UInt8  | 0 | 0 | 3         | Dallas Temperature ID 4 <a href="#">Priority</a>   |
| 50381 | UInt8  | 3 | 0 | 6         | Dallas Temperature ID 4 <a href="#">Operand</a>    |
| 50382 | UInt32 | 0 | 0 | 999999999 | Dallas Temperature ID 4 High level                 |
| 50383 | UInt32 | 0 | 0 | 999999999 | Dallas Temperature ID 4 Low level                  |
| 50384 | UInt8  | 0 | 0 | 1         | Dallas Temperature ID 4 <a href="#">Event only</a> |
| 50385 | UInt16 | 0 | 0 | 65535     | Dallas Temperature ID 4 Average                    |
| 7127  | UInt8  | 0 | 0 | 10        | Send SMS                                           |
| 8127  | String | 0 | 0 | 160       | SMS Text                                           |
| 50390 | UInt8  | 0 | 0 | 3         | iButton <a href="#">Priority</a>                   |
| 50391 | UInt8  | 3 | 0 | 6         | iButton <a href="#">Operand</a>                    |
| 50392 | UInt32 | 0 | 0 | 999999999 | iButton High level                                 |
| 50393 | UInt32 | 0 | 0 | 999999999 | iButton Low level                                  |
| 50394 | UInt8  | 0 | 0 | 1         | iButton <a href="#">Event only</a>                 |
| 50395 | UInt16 | 0 | 0 | 65535     | iButton Average                                    |
| 7128  | UInt8  | 0 | 0 | 10        | Send SMS                                           |
| 8128  | String | 0 | 0 | 160       | SMS Text                                           |
| 50400 | UInt8  | 0 | 0 | 3         | RFID <a href="#">Priority</a>                      |
| 50401 | UInt8  | 3 | 0 | 6         | RFID <a href="#">Operand</a>                       |
| 50402 | UInt8  | 0 | 0 | 999999999 | RFID High level                                    |
| 50403 | UInt8  | 0 | 0 | 999999999 | RFID Low level                                     |
| 50404 | UInt8  | 0 | 0 | 1         | RFID <a href="#">Event only</a>                    |
| 50405 | UInt16 | 1 | 0 | 65535     | RFID Average                                       |
| 7129  | UInt8  | 0 | 0 | 10        | Send SMS                                           |
| 8129  | String | 0 | 0 | 160       | SMS Text                                           |
| 50410 | UInt8  | 0 | 0 | 3         | LLS1 Fuel Level <a href="#">Priority</a>           |
| 50411 | UInt8  | 3 | 0 | 6         | LLS1 Fuel Level <a href="#">Operand</a>            |
| 50412 | UInt8  | 0 | 0 | 65535     | LLS1 Fuel Level High level                         |
| 50413 | UInt8  | 0 | 0 | 65535     | LLS1 Fuel Level Low level                          |
| 50414 | UInt8  | 0 | 0 | 1         | LLS1 Fuel Level <a href="#">Event only</a>         |
| 50415 | UInt16 | 1 | 0 | 65535     | LLS1 Fuel Level Average                            |
| 7130  | UInt8  | 0 | 0 | 10        | Send SMS                                           |
| 8130  | String | 0 | 0 | 160       | SMS Text                                           |
| 50420 | UInt8  | 0 | 0 | 3         | LLS2 Fuel Level <a href="#">Priority</a>           |
| 50421 | UInt8  | 3 | 0 | 6         | LLS2 Fuel Level <a href="#">Operand</a>            |
| 50422 | UInt8  | 0 | 0 | 65535     | LLS2 Fuel Level High level                         |
| 50423 | UInt8  | 0 | 0 | 65535     | LLS2 Fuel Level Low level                          |
| 50424 | UInt8  | 0 | 0 | 1         | LLS2 Fuel Level <a href="#">Event only</a>         |
| 50425 | UInt16 | 1 | 0 | 65535     | LLS2 Fuel Level Average                            |
| 7131  | UInt8  | 0 | 0 | 10        | Send SMS                                           |
| 8131  | String | 0 | 0 | 160       | SMS Text                                           |
| 50430 | UInt8  | 0 | 0 | 3         | LLS3 Fuel Level <a href="#">Priority</a>           |
| 50431 | UInt8  | 3 | 0 | 6         | LLS3 Fuel Level <a href="#">Operand</a>            |
| 50432 | UInt8  | 0 | 0 | 65535     | LLS3 Fuel Level High level                         |
| 50433 | UInt8  | 0 | 0 | 65535     | LLS3 Fuel Level Low level                          |
| 50434 | UInt8  | 0 | 0 | 1         | LLS3 Fuel Level <a href="#">Event only</a>         |

|       |        |   |      |       |                                             |
|-------|--------|---|------|-------|---------------------------------------------|
| 50435 | Uint16 | 1 | 0    | 65535 | LLS3 Fuel Level Average                     |
| 7132  | Uint8  | 0 | 0    | 10    | Send SMS                                    |
| 8132  | String | 0 | 0    | 160   | SMS Text                                    |
| 50440 | Uint8  | 0 | 0    | 3     | LLS4 Fuel Level <a href="#">Priority</a>    |
| 50441 | Uint8  | 3 | 0    | 6     | LLS4 Fuel Level <a href="#">Operand</a>     |
| 50442 | Uint8  | 0 | 0    | 65535 | LLS4 Fuel Level High level                  |
| 50443 | Uint8  | 0 | 0    | 65535 | LLS4 Fuel Level Low level                   |
| 50444 | Uint8  | 0 | 0    | 1     | LLS4 Fuel Level <a href="#">Event only</a>  |
| 50445 | Uint16 | 1 | 0    | 65535 | LLS4 Fuel Level Average                     |
| 7133  | Uint8  | 0 | 0    | 10    | Send SMS                                    |
| 8133  | String | 0 | 0    | 160   | SMS Text                                    |
| 50450 | Uint8  | 0 | 0    | 3     | LLS5 Fuel Level <a href="#">Priority</a>    |
| 50451 | Uint8  | 3 | 0    | 6     | LLS5 Fuel Level <a href="#">Operand</a>     |
| 50452 | Uint8  | 0 | 0    | 65535 | LLS5 Fuel Level High level                  |
| 50453 | Uint8  | 0 | 0    | 65535 | LLS5 Fuel Level Low level                   |
| 50454 | Uint8  | 0 | 0    | 1     | LLS5 Fuel Level <a href="#">Event only</a>  |
| 50455 | Uint16 | 1 | 0    | 65535 | LLS5 Fuel Level Average                     |
| 7134  | Uint8  | 0 | 0    | 10    | Send SMS                                    |
| 8134  | String | 0 | 0    | 160   | SMS Text                                    |
| 50460 | Uint8  | 0 | 0    | 3     | LLS1 Temperature <a href="#">Priority</a>   |
| 50461 | Uint8  | 3 | 0    | 6     | LLS1 Temperature <a href="#">Operand</a>    |
| 50462 | Uint8  | 0 | -128 | 127   | LLS1 Temperature High level                 |
| 50463 | Uint8  | 0 | -128 | 127   | LLS1 Temperature Low level                  |
| 50464 | Uint8  | 0 | 0    | 1     | LLS1 Temperature <a href="#">Event only</a> |
| 50465 | Uint16 | 1 | 0    | 65535 | LLS1 Temperature Average                    |
| 7135  | Uint8  | 0 | 0    | 10    | Send SMS                                    |
| 8135  | String | 0 | 0    | 160   | SMS Text                                    |
| 50470 | Uint8  | 0 | 0    | 3     | LLS2 Temperature <a href="#">Priority</a>   |
| 50471 | Uint8  | 3 | 0    | 6     | LLS2 Temperature <a href="#">Operand</a>    |
| 50472 | Uint8  | 0 | -128 | 127   | LLS2 Temperature High level                 |
| 50473 | Uint8  | 0 | -128 | 127   | LLS2 Temperature Low level                  |
| 50474 | Uint8  | 0 | 0    | 1     | LLS2 Temperature <a href="#">Event only</a> |
| 50475 | Uint16 | 1 | 0    | 65535 | LLS2 Temperature Average                    |
| 7136  | Uint8  | 0 | 0    | 10    | Send SMS                                    |
| 8136  | String | 0 | 0    | 160   | SMS Text                                    |
| 50480 | Uint8  | 0 | 0    | 3     | LLS3 Temperature <a href="#">Priority</a>   |
| 50481 | Uint8  | 3 | 0    | 6     | LLS3 Temperature <a href="#">Operand</a>    |
| 50482 | Uint8  | 0 | -128 | 127   | LLS3 Temperature High level                 |
| 50483 | Uint8  | 0 | -128 | 127   | LLS3 Temperature Low level                  |
| 50484 | Uint8  | 0 | 0    | 1     | LLS3 Temperature <a href="#">Event only</a> |
| 50485 | Uint16 | 1 | 0    | 65535 | LLS3 Temperature Average                    |
| 7137  | Uint8  | 0 | 0    | 10    | Send SMS                                    |
| 8137  | String | 0 | 0    | 160   | SMS Text                                    |
| 50490 | Uint8  | 0 | 0    | 3     | LLS4 Temperature <a href="#">Priority</a>   |
| 50491 | Uint8  | 3 | 0    | 6     | LLS4 Temperature <a href="#">Operand</a>    |
| 50492 | Uint8  | 0 | -128 | 127   | LLS4 Temperature High level                 |
| 50493 | Uint8  | 0 | -128 | 127   | LLS4 Temperature Low level                  |
| 50494 | Uint8  | 0 | 0    | 1     | LLS4 Temperature <a href="#">Event only</a> |
| 50495 | Uint16 | 1 | 0    | 65535 | LLS4 Temperature Average                    |
| 7138  | Uint8  | 0 | 0    | 10    | Send SMS                                    |
| 8138  | String | 0 | 0    | 160   | SMS Text                                    |
| 50500 | Uint8  | 0 | 0    | 3     | LLS5 Temperature <a href="#">Priority</a>   |
| 50501 | Uint8  | 3 | 0    | 6     | LLS5 Temperature <a href="#">Operand</a>    |
| 50502 | Uint8  | 0 | -128 | 127   | LLS5 Temperature High level                 |
| 50503 | Uint8  | 0 | -128 | 127   | LLS5 Temperature Low level                  |
| 50504 | Uint8  | 0 | 0    | 1     | LLS5 Temperature <a href="#">Event only</a> |
| 50505 | Uint16 | 1 | 0    | 65535 | LLS5 Temperature Average                    |
| 7139  | Uint8  | 0 | 0    | 10    | Send SMS                                    |
| 8139  | String | 0 | 0    | 160   | SMS Text                                    |

|       |        |   |   |       |                                                |
|-------|--------|---|---|-------|------------------------------------------------|
| 50510 | UInt8  | 0 | 0 | 3     | Eco Score <a href="#">Priority</a>             |
| 50511 | UInt8  | 3 | 0 | 6     | Eco Score <a href="#">Operand</a>              |
| 50512 | UInt8  | 0 | 0 | 1     | Eco Score High level                           |
| 50513 | UInt8  | 0 | 0 | 1     | Eco Score Low level                            |
| 50514 | UInt8  | 0 | 0 | 1     | Eco Score <a href="#">Event only</a>           |
| 7220  | UInt8  | 0 | 0 | 10    | Send SMS                                       |
| 8220  | String | 0 | 0 | 160   | SMS Text                                       |
| 50690 | UInt8  | 0 | 0 | 3     | Battery level % <a href="#">Priority</a>       |
| 50691 | UInt8  | 0 | 0 | 6     | Battery level % <a href="#">Operand</a>        |
| 50692 | UInt8  | 0 | 0 | 100   | Battery level % High level                     |
| 50693 | UInt8  | 0 | 0 | 100   | Battery level % Low level                      |
| 50694 | UInt8  | 0 | 0 | 1     | Battery level % <a href="#">Event only</a>     |
| 50695 | UInt16 | 1 | 0 | 65535 | Battery level % Average                        |
| 7243  | UInt8  | 0 | 0 | 10    | Send SMS                                       |
| 8243  | String | 0 | 0 | 160   | SMS Text                                       |
| 50720 | UInt8  | 0 | 0 | 3     | BT Status <a href="#">Priority</a>             |
| 50721 | UInt8  | 5 | 0 | 6     | BT Status <a href="#">Operand</a>              |
| 50722 | UInt8  | 0 | 0 | 4     | BT Status High level                           |
| 50723 | UInt8  | 0 | 0 | 3     | BT Status Low level                            |
| 50724 | UInt8  | 0 | 0 | 1     | BT Status <a href="#">Event only</a>           |
| 50725 | UInt16 | 1 | 0 | 65535 | BT Status Average                              |
| 7250  | UInt8  | 0 | 0 | 10    | Send SMS                                       |
| 8250  | String | 0 | 0 | 160   | SMS Text                                       |
| 51730 | UInt8  | 0 | 0 | 3     | ISO6709 Coordinates <a href="#">Priority</a>   |
| 51731 | UInt8  | 3 | 0 | 6     | ISO6709 Coordinates <a href="#">Operand</a>    |
| 51734 | UInt8  | 0 | 0 | 2     | ISO6709 Coordinates <a href="#">Event only</a> |
| 7376  | UInt8  | 0 | 0 | 10    | Send SMS                                       |
| 8376  | String | 0 | 0 | 160   | SMS Text                                       |

## Parameters

| Parameter name    | Value               |
|-------------------|---------------------|
| <b>Priority</b>   | 0 - Disabled        |
|                   | 1 - Low             |
|                   | 2 - High            |
|                   | 3 - Panic           |
| <b>Operand</b>    | 0 - On Exit         |
|                   | 1 - On Entrance     |
|                   | 2 - On Both         |
|                   | 3 - Monitoring      |
|                   | 4 - On Hysteresis   |
|                   | 5 - On Change       |
| <b>Event only</b> | 6 - On Delta Change |
|                   | 0 - Disabled        |
|                   | 1 - Enabled         |

## OBD II (Bluetooth)

| Parameter ID | Parameter Type | Default value | Value range |     | Value | Parameter name |
|--------------|----------------|---------------|-------------|-----|-------|----------------|
|              |                |               | Min         | Max |       |                |

|              |        |                 |   |     |                                                                                                                                       |             |
|--------------|--------|-----------------|---|-----|---------------------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>40100</b> | Uint8  | 0               | 0 | 3   | 0 - Disabled<br>1 - Low<br>2 - High<br>3 - Panic                                                                                      | Priority    |
| <b>40101</b> | Uint8  | 3               | 0 | 6   | 0 - On range exit<br>1 - On range entrance<br>2 - On both<br>3 - Monitoring<br>4 - Hysteresis<br>5 - On change<br>6 - On delta change | Operand     |
| <b>40102</b> | Uint8  | 0               | 0 | 255 | High value                                                                                                                            | High level  |
| <b>40103</b> | Uint8  | 0               | 0 | 255 | Low value                                                                                                                             | Low level   |
| <b>40104</b> | Uint8  | 0               | 0 | 1   | 0 - Disable<br>1 - Enable                                                                                                             | Event only  |
| <b>7038</b>  | Uint8  | 0               | 0 | 10  | Phone number                                                                                                                          | Send SMS to |
| <b>8038</b>  | String | "Number of DTC" | 0 | 160 | Text                                                                                                                                  | SMS text    |

Similarly to a group defined in the upper table:

| Name                                | Parameter |           |            |            |         |             |          |
|-------------------------------------|-----------|-----------|------------|------------|---------|-------------|----------|
|                                     | Priority  | Low level | High level | Event only | Operand | Send SMS to | SMS text |
| Number Of DTC                       | 40100     | 40103     | 40102      | 40104      | 40101   | 7038        | 8038     |
| Engine Load                         | 40110     | 40113     | 40112      | 40114      | 40111   | 7039        | 8039     |
| Coolant Temperature                 | 40120     | 40123     | 40122      | 40124      | 40121   | 7040        | 8040     |
| Short Fuel Trim                     | 40130     | 40133     | 40132      | 40134      | 40131   | 7041        | 8041     |
| Fuel Pressure                       | 40140     | 40143     | 40142      | 40144      | 40141   | 7042        | 8042     |
| Intake Map                          | 40150     | 40153     | 40152      | 40154      | 40151   | 7043        | 8043     |
| Engine RPM                          | 40160     | 40163     | 40162      | 40164      | 40161   | 7044        | 8044     |
| Vehicle speed                       | 40170     | 40173     | 40172      | 40174      | 40171   | 7045        | 8045     |
| Timing advance                      | 40180     | 40183     | 40182      | 40184      | 40181   | 7046        | 8046     |
| Intake air temperature              | 40190     | 40193     | 40192      | 40194      | 40191   | 7047        | 8047     |
| MAF                                 | 40200     | 40203     | 40202      | 40204      | 40201   | 7048        | 8048     |
| Throttle position                   | 40210     | 40213     | 40212      | 40214      | 40211   | 7049        | 8049     |
| Run time since engine start         | 40220     | 40223     | 40222      | 40224      | 40221   | 7050        | 8050     |
| Distance traveled MIL on            | 40230     | 40233     | 40232      | 40234      | 40231   | 7051        | 8051     |
| Relative fuel rail pressure         | 40240     | 40243     | 40242      | 40244      | 40241   | 7052        | 8052     |
| Direct fuel rail pressure           | 40250     | 40253     | 40252      | 40254      | 40251   | 7053        | 8053     |
| Commanded EGR                       | 40260     | 40263     | 40262      | 40264      | 40261   | 7054        | 8054     |
| EGR error                           | 40270     | 40273     | 40272      | 40274      | 40271   | 7055        | 8055     |
| Fuel level                          | 40280     | 40283     | 40282      | 40284      | 40281   | 7056        | 8056     |
| Distance traveled since codes clear | 40290     | 40293     | 40292      | 40294      | 40291   | 7057        | 8057     |
| Barometric pressure                 | 40300     | 40303     | 40302      | 40304      | 40301   | 7058        | 8058     |
| Control module voltage              | 40310     | 40313     | 40312      | 40314      | 40311   | 7059        | 8059     |
| Absolute load value                 | 40320     | 40323     | 40322      | 40324      | 40321   | 7060        | 8060     |
| Ambient air temperature             | 40330     | 40333     | 40332      | 40334      | 40331   | 7061        | 8061     |
| Time run with MIL on                | 40340     | 40343     | 40342      | 40344      | 40341   | 7062        | 8062     |
| Time since trouble codes cleared    | 40350     | 40353     | 40352      | 40354      | 40351   | 7063        | 8063     |
| Fuel Type                           | 40560     | 40563     | 40562      | 40564      | 40561   | 7633        | 8633     |
| Absolute fuel rail pressure         | 40360     | 40363     | 40362      | 40364      | 40361   | 7064        | 8064     |
| Hybrid battery pack remaining life  | 40370     | 40373     | 40372      | 40374      | 40371   | 7065        | 8065     |
| Engine oil temperature              | 40380     | 40383     | 40382      | 40384      | 40381   | 7066        | 8066     |
| Fuel injection timing               | 40390     | 40393     | 40392      | 40394      | 40391   | 7067        | 8067     |
| Fuel Rate                           | 40400     | 40403     | 40402      | 40404      | 40401   | 7068        | 8068     |
| Command Equivalence Ratio           | 40460     | 40463     | 40462      | 40464      | 40461   | 7524        | 8524     |
| Intake MAP (2 Bytes)                | 40470     | 40473     | 40472      | 40474      | 40471   | 7525        | 8525     |
| Hybrid Vehicle System Voltage       | 40480     | 40483     | 40482      | 40484      | 40481   | 7526        | 8526     |
| Hybrid Vehicle System Current       | 40490     | 40493     | 40492      | 40494      | 40491   | 7527        | 8527     |
| Fault Codes                         | 40420     | -         | -          | 40424      | 40421   | 7264        | 8264     |
| VIN                                 | 40410     | -         | -          | 40414      | 40411   | 7241        | 8241     |
| OEM Total Mileage                   | 40430     | 40433     | 40432      | 40434      | 40431   | 7522        | 8522     |
| OEM Fuel Level                      | 40440     | 40443     | 40442      | 40444      | 40441   | 7529        | 8529     |
| OEM Remaining Distance              | 40520     | 40523     | 40522      | 40524      | 40521   | 7628        | 8628     |
| OEM Battery Charge State            | 40570     | 40573     | 40572      | 40574      | 40571   | 7634        | 8634     |

|                          |       |       |       |       |       |      |      |
|--------------------------|-------|-------|-------|-------|-------|------|------|
| OEM Battery Charge Level | 40580 | 40583 | 40582 | 40584 | 40581 | 7635 | 8635 |
|--------------------------|-------|-------|-------|-------|-------|------|------|