

# FMC640 SMS/GPRS command list

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All commands are case sensitive. When user tries to send SMS/GPRS message to FMC640 that operates in Deep Sleep mode, it cannot arrive to FMC640 device because the GSM/GPRS module is disabled most of the time. FMC640 will receive the SMS/GPRS message when it exits Deep Sleep mode.

If FMC640 is in GPS Sleep or Online Deep Sleep mode, sent SMS/GPRS message will arrive to the device.

SMS command structure:

<SMS login><space><SMS password><space><command><space><value>

SMS command [getinfo](#) example:

- If you have set SMS login and password: login pass getinfo
- If SMS login and password are not set leave two spaces before command: getinfo

## Common commands

| Command                        | Description  | Response |
|--------------------------------|--|----------|
| <a href="#">getstatus</a>      | Modem Status information   | Yes      |
| <a href="#">getrecord</a>      | SMS command initiates saving and sending of high priority record | No       |
| <a href="#">getcfgtime</a>     | Date and Time of last successful configuration                   | Yes      |
| <a href="#">getgps</a>         | Current GPS data and time  | Yes      |
| <a href="#">getnmeainfo</a>    | NMEA error debug SMS   | Yes      |
| <a href="#">cpureset</a>       | Reset CPU  | No       |
| <a href="#">defaultcfg</a>     | Reset configuration to default                                   | Yes      |
| <a href="#">getver</a>         | Device / Modem / Code version information                        | Yes      |
| <a href="#">getinfo</a>        | Device runtime system information                                | Yes      |
| <a href="#">tacho_connect</a>  | Connect to Web Tacho immediately                                 | Yes      |
| <a href="#">web_connect</a>    | Connect to Fota WEB immediately                                  | Yes      |
| <a href="#">deleterecords</a>  | Delete all records saved on FLASH                                | Yes      |
| <a href="#">getio</a>          | Readout digital inputs and outputs, analog inputs                | Yes      |
| <a href="#">banlist</a>        | Banlist information  | Yes      |
| <a href="#">crashlog</a>       | Crash log information  | Yes      |
| <a href="#">delete_all_sms</a> | Delete all read SMS  | Yes      |
| <a href="#">braminfo</a>       | BatRam info  | Yes      |
| <a href="#">getgnss</a>        | Current GNSS information   | Yes      |
| <a href="#">resetlimits</a>    | Resets data counters   | Yes      |

|   |  |     |
|---|--|-----|
| <a href="#"><i>getlimits</i></a>                  | Gets home/roaming uploaded data information  | Yes |
| <a href="#"><i>scanfms</i></a>                    | Shows FMS elements that can be read from vehicle   | Yes |
| <a href="#"><i>radio #</i></a>                    | Returns IO status, # AVL ID  | Yes |
| <a href="#"><i>setdigout XXXX Y1 Y2 Y3 Y4</i></a> | Set digital output<br>1. # - 0; 1 or ? (0 - OFF, 1 - ON or ? - Ignore) for DOUT1<br>2. # - 0; 1 or ? (0 - OFF, 1 - ON or ? - Ignore) for DOUT2<br>3. # - 0; 1 or ? (0 - OFF, 1 - ON or ? - Ignore) for DOUT3<br>4. # - 0; 1 or ? (0 - OFF, 1 - ON or ? - Ignore) for DOUT4<br>Y1 - timeout value for DOUT1 if needed (in seconds)<br>Y2 - timeout value for DOUT2 if needed (in seconds)<br>Y3 - timeout value for DOUT3 if needed (in seconds)<br>Y4 - timeout value for DOUT4 if needed (in seconds) | Yes |
| <a href="#"><i>getparam #</i></a>                 | Readout parameter value according entered ID.<br># - ID value  | Yes |
| <a href="#"><i>setparam #:#</i></a>               | Sets selected parameter value<br>1.# - first <a href="#">ID value</a><br>2.# - New first Parameter Value<br>3.# - second <a href="#">ID value</a><br>4.# - New second Parameter Value<br>5.# - third <a href="#">ID value</a><br>6.# - New third Parameter Value   | Yes |
| <a href="#"><i>setparam #:#;#:#;...</i></a>       | SMS command is limited to 160 characters   |     |
| <a href="#"><i>flush #,#,#,#,#,#,#</i></a>        | Redirects device to other server<br>1.# - IMEI<br>2.# - APN<br>3.# - LOGIN<br>4.# - PASS<br>5.# - IP<br>6.# - PORT<br>7.# - MODE (0-TCP/1-UDP)   | Yes |

## Commands related to features

| Command                         | Description   | Response |
|---------------------------------|---|----------|
| <a href="#"><i>odoset:#</i></a> | Set total odometer value<br># - new odometer value in m | Yes      |
| <a href="#"><i>odoget</i></a>   | Display current odometer value                          | Yes      |
| <a href="#"><i>odinfo</i></a>   | Odometer Debug info                                     | Yes      |

|  |  |     |
|--|--|-----|
| <a href="#"><u>on_demand_trackingX</u></a> | X=0 - Stops Tracking on Demand functionality.                                  | Yes |
|  | X=1 - Starts Tracking on Demand functionality.                                 |     |
|  | X=2 - Generates one high priority record and initiates data sending to server. |     |

## Commands related to LV-CAN200/ALL-CAN300

| Command                                   | Description   | Response |
|---|---|----------|
| <a href="#"><u>lvcansetprog #</u></a>     | Set program number to LV-CAN200/ ALL-CAN300 that is connected to FMx640.<br># - three digit number that identity vehicle  | Yes      |
| <a href="#"><u>lvcansimpletacho #</u></a> | Add or remove simpletacho start byte.<br># - 0 or 1 (0 - don't add start byte, 1 - add start byte)  | No       |
| <a href="#"><u>lvcangetprog</u></a>       | Get program number from LV-CAN200/ ALL-CAN300 that is connected to FMx640   | Yes      |
| <a href="#"><u>lvcangetinfo</u></a>       | Get information about connected LV-CAN200/ALL-CAN300  | Yes      |
| <a href="#"><u>lvcanclear #</u></a>       | Clear Total Mileage (counted), Engine Work Time (counted), Fuel Consumed (counted) parameters values.<br># - parameter (0 - Engine work time (counted), 1 - Fuel Consumed (counted), 2 - Vehicle Mileage (counted)) | Yes      |