FMB640 SMS/GPRS command list

All commands are case sensitive. When user tries to send SMS/GPRS message to FMB640 that operates in Deep Sleep mode, it cannot arrive to FMB640 device because the GSM/GPRS module is disabled most of the time. FMB640 will receive the SMS/GPRS message when it exits Deep Sleep mode.
If FMB640 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
getstatus	Modem Status information	Yes
getrecord	SMS command initiates saving and sending of high priority record	No
getcfgtime	Date and Time of last successful configuration	Yes
getgps	Current GPS data and time	Yes
getnmeainfo	NMEA error debug SMS	Yes
cpureset	Reset CPU	No
defaultcfg	Reset configuration to default	Yes
getver	Device / Modem / Code version information	Yes
getinfo	Device runtime system information	Yes
tacho_connect	Connect to Web Tacho immediately	Yes
web_connect	Connect to Fota WEB immediately	Yes
deleterecords	Delete all records saved on FLASH	Yes
getio	Readout digital inputs and outputs, analog inputs	Yes
banlist	Banlist information	Yes
crashlog	Crash log information	Yes
delete_all_sms	Delete all read SMS	Yes
braminfo	BatRam info	Yes
getgnss	Current GNSS information	Yes
resetlimits	Resets data counters	Yes

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

Commands related to features

Command	Description	Response
odoset:#	Set total odometer value # - new odometer value in m	Yes
odoget	Display current odometer value	Yes
odinfo	Odometer Debug info	Yes

on_demand_trackingX	X=0 – Stops Tracking on Demand functionality. X=1 – Starts Tracking on Demand functionality. X=2 – Generates one high priority record and inititates data sending to server.	Yes

Commands related to LV-CAN200/ALL-CAN300

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