

## FM11YX and external voltage disconnection event

These instructions are used to help a customer understand how to configure FM11YX device (with new base firmware ver. 01.17.XX) in order to generate an event, if external power supply was disconnected.

### External voltage I/O event configuration.

Property Input	Enabled	Priority	Low Level	High Level	Generate Event	Averaging Constant
Digital Input 1	<input type="checkbox"/>	High	0	0	Event on both	10
Digital Input 2	<input type="checkbox"/>	Low	0	0	Monitoring	2
Digital Input 3	<input type="checkbox"/>	Low	0	0	Monitoring	2
Digital Input 4	<input type="checkbox"/>	Low	0	0	Monitoring	2
Analog Input 1	<input type="checkbox"/>	Low	0	0	Monitoring	10
Analog Input 2	<input type="checkbox"/>	Low	0	0	Monitoring	10
Digital Output 1	<input type="checkbox"/>	Low	0	0	Monitoring	10
Digital Output 2	<input type="checkbox"/>	Low	0	0	Monitoring	10
GNSS PDOP	<input type="checkbox"/>	Low	0	0	Monitoring	10
GNSS HDOP	<input type="checkbox"/>	Low	0	0	Monitoring	10
External Voltage	<input checked="" type="checkbox"/>	High	10000	30000	Event on exit	10
GNSS Power	<input type="checkbox"/>	Low	0	0	Monitoring	

" setparam 1380 1"  
 " setparam 1381 1"  
 " setparam 1383 10000"  
 " setparam 1382 30000"  
 " setparam 1384 0"  
 " setparam 1385 10"

**Figure 1.** External voltage I/O event configuration window

With this configuration, event will be generated and sent to server immediately, when device external power becomes less than 10 V DC.

### External voltage SMS event configuration.

When External voltage event configuration is done, you can configure device to send SMS your phone number. How to prepare device, is showed in Figure 2 and Figure 3.

External voltage I/O element SMS event configuration structure (ID=110):

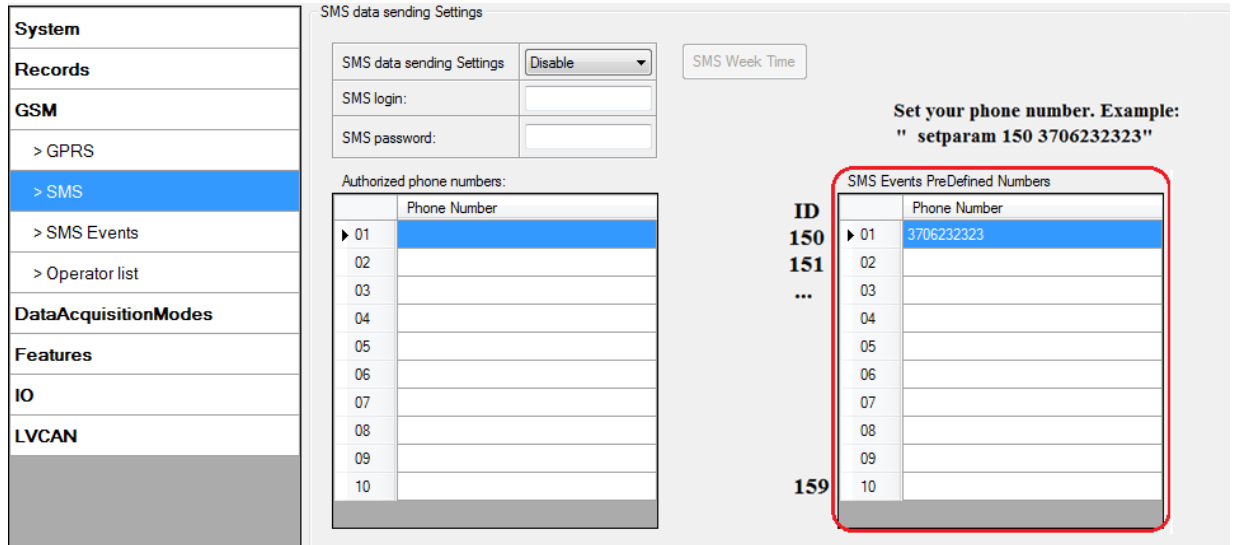
SMS Format: setparam X Y,W,Z

X – ID

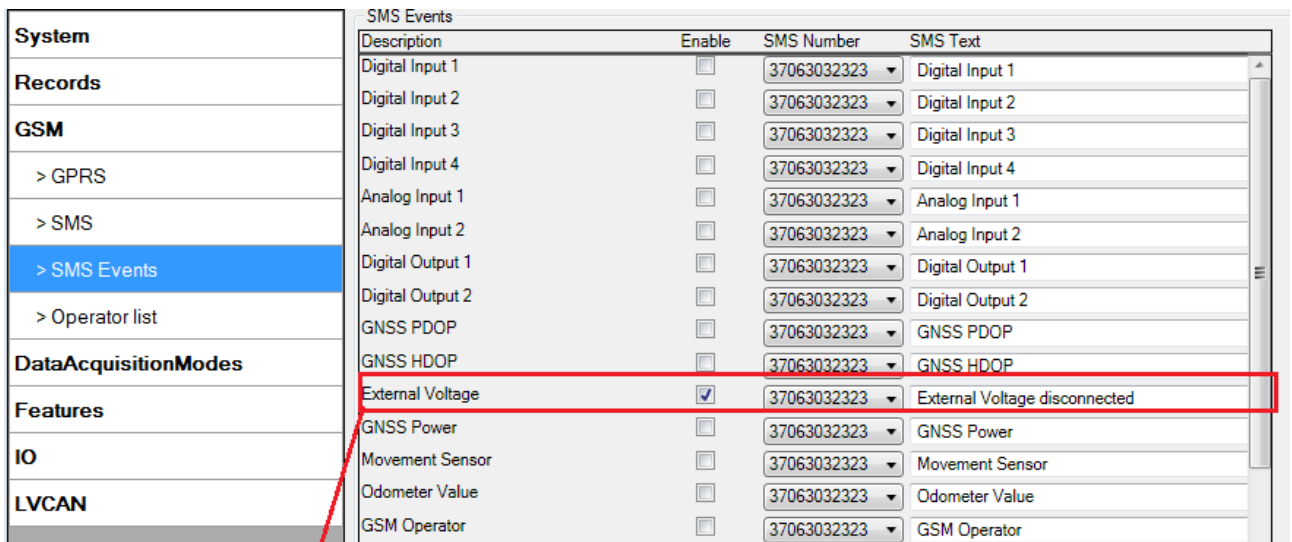
Y – Enable/Disable (1/0)

W – Telephone number INDEX (ID 150 – INDEX 0; ID151 – INDEX 1, ...)

Z – SMS Text



**Figure 2.** SMS Events Predefined numbers list configuration



**Example:**  
**" setparam 110 1,0,External Voltage disconnected"**

**Figure 3.** External voltage SMS event configuration