

# MSP500 SMS events

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SMS events functionality allows MSP500 to send a configured SMS when an event is triggered. This event can be triggered by every I/O element.

When any of the I/O elements is triggered, MSP500 sends a configured SMS message to a defined phone number. If SMS events are activated but there are no numbers defined in *GSM Predefined Numbers* list (similarly as in the picture below), then the device will not send any messages.



The sent SMS messages format is following:

*"Date Time Current Coordinate Event Text"*

For example, if MSP500 is configured to send an SMS, when Ignition reaches high level while configured with *High priority* and event generation on both range entrance and exit (as shown on the figure below), then the sent SMS is:

*"2017/06/13 13:52:18 Lon:25.255537 Lat:54.667193 Ignition 1"*



The SMS Text field can be altered and any text can be entered. Maximum message length is 160 symbols (numbers, letters and symbols in ASCII, except for comma symbol ",").

If MSP500 is in *Deep Sleep* mode and an SMS event occurs with *Low priority* (which does not wake up MSP500), then the device does not send the message. It is saved to device memory until it wakes up from *Deep Sleep* mode and GSM modem starts working normally. After it wakes up, all the messages that are saved to memory will be sent, but keep in mind that only 10 messages can be saved to memory - all other messages will not be saved, until there is free memory space.