

The new version firmware (2.30) for Elmes Electronic GSM control modules features added new functions:

- Definition of input sensitivity, that is the time span the input is violated after which violation is regarded as change of state. Setting ranges from 0.2 to 65536 seconds with 0.1 s step accuracy.
- Definition of input “freezing” time after violation, in the range from 0 to 255 seconds with 1 second step. Meaning that after input is violated and CLIP or SMS notification is sent, the input is “frozen” for preset time period, in which any other violation of the input will not activate CLIP or SMS notification. It allows avoidance of situation when many notifications are sent due to series of short input violations, e.g. from PIR detector.
- Possibility to break the CLIP notification queue after first succeeded notification. Meaning that, if any recipient already rejected the call, the module will not send notifications to other phone numbers.
- Possibility to define whether on SMS sent to the module, it responds by SMS with inputs and outputs status, or just “OK” notification. Note: on SMS with “STATUS” request, it always returns inputs and outputs status of the module.
- Possibility to switch off limitation of SMS send daily (24h) by the module.

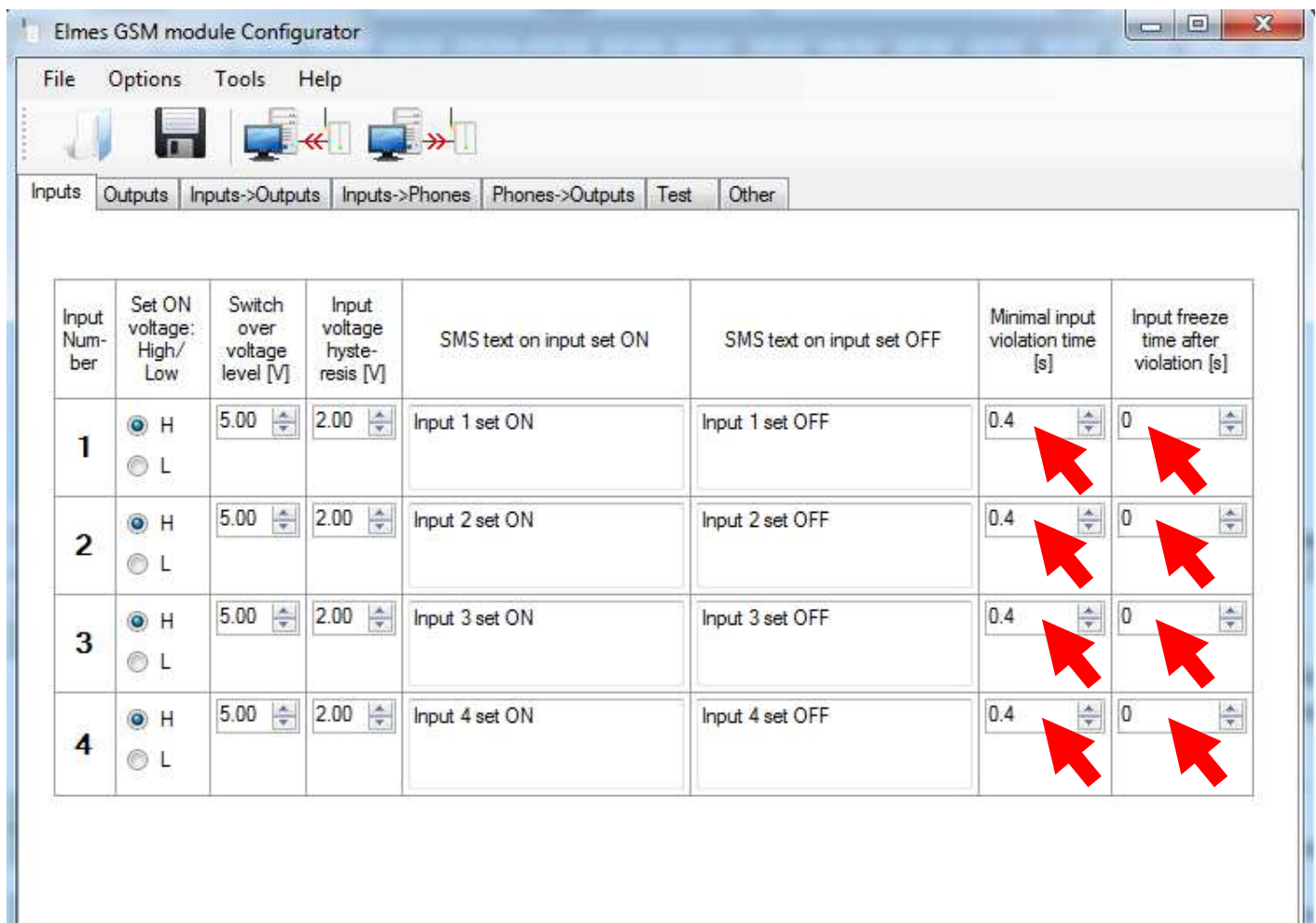
Reported module’s inability to control module’s outputs by CLIP (by calling to the module) in some GSM networks, in countries with country code different that 2 digits has now been fixed.

With the above changes and new functions implementation, the following proceeding sequence should be followed when updating firmware of the module:

- 1) Install new version (3.00) of the “GSM configurator” software.
- 2) Upload settings from the module.
- 3) Save settings to a file (this step is necessary).
- 4) Update firmware to new version.
- 5) Set on new functions in respective windows of the “GSM configurator”.
- 6) Download settings to the module.
- 7) Disconnect power supply from the module for more than 10 seconds and then connect the power supply.

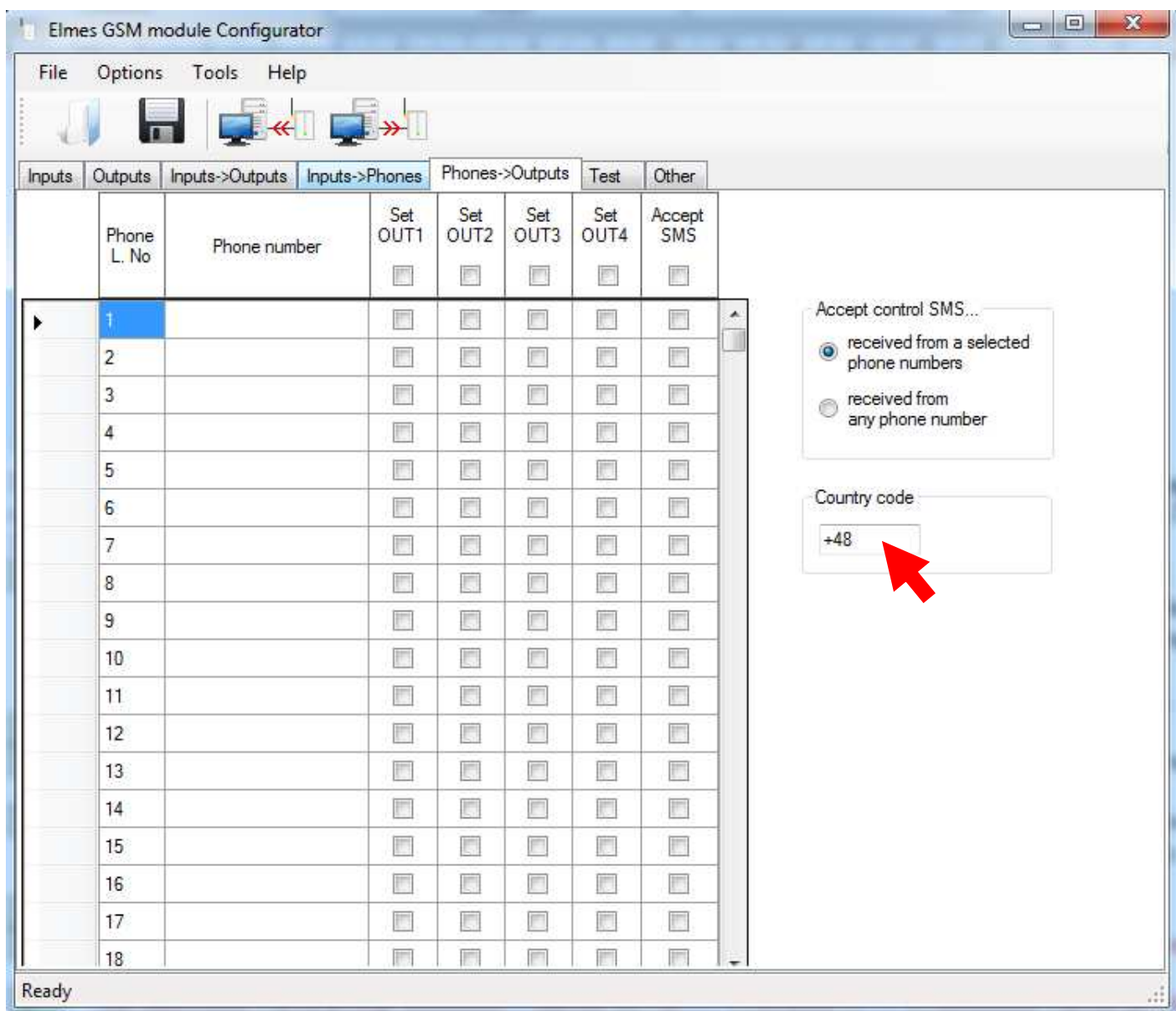
NOTE! If module settings are uploaded after firmware update, new functions will have any random values. In that case should be corrected.

Shown below are new functions placement in the “GSM configurator” software:



Default value is 0,4 second.

Input freezing time equal to 0 mean that function is not active.



If country code is not input, or input improperly, outputs controlled by CLIP (by calling the module) function may not be operational – depending on GSM network provider.

