

SMS

On the Internet screen, a mobile phone number can be entered in order to receive SMS messages from the robot. There are mainly 2 types of SMS messages that are sent from the robot: alarms and finished.

Alarm SMS

Alarm!

The arm got stuck when it tried to move out.

ID: Stuck 9

For more info visit:

<https://wiki.envirologic.se/doku.php/sms>

The information given in an alarm SMS is the following:

- Alarm type, can be any of the following:
 - [First marker not found](#)
 - [Robot stuck](#), the code shows motor and direction:
 - 0 = [any](#)
 - 1 = boom up
 - 2 = boom down
 - 3 = tower right
 - 4 = tower left
 - 5 = robot backward
 - 6 = robot forward
 - 7 = telescope out
 - 8 = telescope in
 - 9 = arm out
 - 10 = arm in
 - 11 = nozzle clockwise
 - 12 = nozzle counter-clockwise
 - [Control system error](#)
 - [Hose stuck](#)
 - Pressure fault, the code shows how:
 - 1 = [too high](#)
 - 2 = [too low](#)
 - [Ongoing run aborted](#)
 - Battery low, the code shows when:
 - 1 = [active](#)
 - 2 = [idle](#)

Finished SMS

+46712345678
HOUSE_3 finished
IMSI: 234567890123456

The information given in a finished SMS is the following:

- Recipient phone number (used by a server to determine where to send the message from the robot)
- Finished location
- SIM card identification number

Test SMS

A test SMS triggered from the Internet screen looks like this:

+46712345678
Modem Test OK
IMSI: 234567890123456

From:

<https://wiki.envirologic.se/> - **Envirologic Support Wiki**

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<https://wiki.envirologic.se/doku.php/sms?rev=1645002618>

Last update: **2022/02/16 01:10**

