

# 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

+46712345678

Alarm: Robot stuck 00256

IMSI: 234567890123456

The information given in an alarm SMS is the following:

- Recipient phone number (used by a server to determine where to send the message from the robot)
- 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
    - 4 = tower right
    - 8 = tower left
    - 16 = robot backward
    - 32 = robot forward
    - 64 = telescope out
    - 128 = telescope in
    - 256 = arm out
    - 512 = arm in
    - 1024 = nozzle clockwise
    - 2048 = nozzle counter-clockwise
  - [Control system error](#)
  - [Hose stuck](#)
  - Pressure fault, the code shows how:
    - 512 = [too high](#)
    - 1024 = [too low](#)
  - [Ongoing run aborted](#)
  - Battery low, the code shows when:
    - 1 = [active](#)
    - 3 = [idle](#)
- SIM card identification number

## 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

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Last update: **2020/07/14 01:09**

