

# 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*

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