# ROV Serial Command Definitions

## UART

| decimal number | command description |
|:---:|:---:|
| 255 | Read battery voltage |
| 254 | Read temperature |
| 253 | Perform leak test |

## I2C Battery

| decimal number | command description |
|:---:|:---:|
| 1 | Read cell #1 |
| 2 | Read cell #2 |
| 3 | Read cell #3 |
| 4 | Read cell #4 |
| 4 | Battery monitor address (write) |
| 5 | Battery monitor address (read) |

## I2C LED

| decimal number | command description |
|:---:|:---:|
| 14 | LED controller address (read) |
| 15 | LED controller address (write) |

## I2C Gripper Controller

| decimal number | command description |
|:---:|:---:|
| 16 | Gripper controller address (write) |
| 1 | Update lead-screw value |
| 2 | Update servo tilt value |
| 4 | Update servo claw value |

## I2C MS5837  Module

| decimal number | command description |
|:---:|:---:|
| 236 | MS5837 address (write) |
| 237 | MS5837 address (read) |