| | 2013-2 | | | | 2013-3 | | | | 2013-4 | | | | 2013-5 | | | | 2013-6 | | | | 2013-7 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| **Colony** | Colony | | | | | | | | | | | | | | | | | | | | | | | | |
| Battery Level Indicator | | | | | | | | | | | | | | | | | | | | | | | | | |
| Improve library error codes | | | | | | | | | | | | | | | | | | | | | | | | | |
| Better sanity check for invalid BOM type | | | | | | | | | | | | | | | | | | | | | | | | | |
| XBee/Wireless Initialization | | | | | | | | | | | | | | | | | | | | | | | | | |
| get all the library inti's and functions (...) | | | | | | | | | | | | | | | | | | | | | | | | | |
| Xbee Documentation | | | | | | | | | | | | | | | | | | | | | | | | | |
| xbee baud rates | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wireless - core send, ack functions | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wireless - xbee.c | | | | | | | | | | | | | | | | | | | | | | | | | |
| xbee id | | | | | | | | | | | | | | | | | | | | | | | | | |
| investigate new AVR simulator? | | | | | | | | | | | | | | | | | | | | | | | | | |
| Conclusion on filter design | Assigned 0% | | | | | | | | | | | | | | | | | | | | | | | | |
| Figure out rangefinders group | Assigned 0% | | | | | | | | | | | | | | | | | | | | | | | | |
| Complete SURG form | Assigned 0% | | | | | | | | | | | | | | | | | | | | | | | | |
| Check/Order robot battery clips | Assigned 50% | | | | | | | | | | | | | | | | | | | | | | | | |
| Line Follower Collimator | | | | | | | | | | | | | | | | | | | | | | | | | |
| Redo robot pants | | | | | | | | | | | | | | | | | | | | | | | | | |
| Get Colony videos onto VideoTron. Embed in (...) | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clean up repository branches | | | | | | | | | | | | | | | | | | | | | | | | | |
| Add Line Following to Library | | | | | | | | | | | | | | | | | | | | | | | | | |
| Profile different mapping surfaces | | | | | | | | | | | | | | | | | | | | | | | | | |
| Make Hunter-Prey Ref More Verbose | | | | | | | | | | | | | | | | | | | | | | | | | |
| Clean up Colony-New and prepare for next (...) | | | | | | | | | | | | | | | | | | | | | | | | | |
| Implement Intersection Behavior | | | | | | | | | | | | | | | | | | | | | | | | | |
| wl_basic_do_default(int *length) doesn't (...) | | | | | | | | | | | | | | | | | | | | | | | | | |
| Schedule Fleet Maintenence Day | | | | | | | | | | | | | | | | | | | | | | | | | |
| Discuss and Contact about Extra Colony III (...) | | | | | | | | | | | | | | | | | | | | | | | | | |

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|---|---|
| **Colony - Hardware** | |
| **Design Dragonfly Replacement Board** | |
| **Investigate how to use the JTAG ICE** | |
| **Colony - Reliability** | |
| **Automatically update robot status page (...)** | |
| **Colony - Library** | |
| **Make sure all robots program the correct (...)** | |
| **Colony Scout** | **Colony Scout** |
| **Colony Environment** | |
| **Software Architecture** | |
| **Reflow Oven Temperature Regulation** | |
| **Update Boards on Eagle** | |
| **Research PCB Assemby Costing** | |
| **Website Work Log** | |
| **Video for Scout Intro** | |
| **Create ROS Node: Buttons** | **Assigned 100%** |
| **Create ROS Node: Timer** | **Assigned 100%** |
| **Create ROS Node: IMU** | **Assigned 0%** |
| **Create ROS Node: Accessory** | **Assigned 100%** |
| **Create ROS Node: Encoders** | **Assigned 100%** |
| **Create ROS Node: Wireless** | **Assigned 0%** |
| **Create ROS Node: USB Serial** | **Assigned 80%** |
| **Create ROS Node: Cliffsensors** | **Assigned 100%** |
| **Create ROS Node: BOM** | **Assigned 90%** |
| **Create ROS Node: Analog** | **Assigned 0%** |
| **BOM Interference Testing** | **Assigned 0%** |
| **BOM Driver Code** | **Assigned 0%** |
| **Sonar Wiring** | **Assigned 0%** |
| **Get Sonar Stepping and Reading** | **Assigned 0%** |
| **Sonar Position Tracking** | |
| **Send Sonar Readings to ARM** | |
| **Automate Stepping and Sonar Reading** | |
| **Sonar on ARM** | |
| **Make ARM command Sonar on AVR** | |

| | |
|---|---|
| Read IMU values and send to ARM | Assigned 0% |
| Pose Estimation | Assigned 0% |
| Motor & Encoder Wiring | |
| Control Motors (ARM) | Assigned 10% |
| Track Encoders | |
| "Automated" Turning | Assigned 0% |
| Charging Base | |
| Print and Test Scoutfly | |
| Create Scout Chassis | |
| Make wiring kits for Scout | |
| IMU on ARM | Assigned 0% |
| ROSSERIAL on ARM | Assigned 0% |
| Test AVR on ARM | Assigned 0% |
| CliffSensor on ARM | Assigned 0% |
| Create Transmitting Protocal | Assigned 0% |
| Wireless on ARM | Assigned 10% |
| Cliff Detection | Assigned 0% |
| Buttons on ARM | Assigned 0% |
| USB Serial on ARM | Assigned 0% |
| Control Headlights | |
| Power Up Rest of Scoutfly | |
| Get Old Boards and Funding Info | |
| Add Fuel Guage and Protection circuit (...) | |
| BOM returns values even when IR LED (...) | |
| File Error Service call | |
| Colony Scout - Development | |
| System Wiring | |
| Look into accelerometer speed | |
| Email Red W | Assigned 0% |
| Create roboclub demo | Assigned 50% |
| Audio Command & Output Accessory | |
| Design SmartFly Smart Acessory (...) | |
| Mechanical Work Log | Assigned 20% |
| Check speaker magnet interference (...) | |

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|---|---|
| Colony Scout - 1.0 | |
| BOM Send/Receive Functions | |
| Assembly Instructions | |
| Fix Encoder pinout on breakfly | |
| Colony Scout - 1.2 | |
| NanoRK Wireless Library | |
| Loook @ Robostix AVR<->ARM Comms (...) | |
| Electronics Purchasing, OCT-08 | Assigned 0% |
| HyLo | HyLo |
| type proposed proposal | Assigned 0% |
| Meeting | |
| Mechanical Logic Gates | Mechanical Logic Gates |
| Update - website | Assigned 0% |
| You Tube + Display Case | Assigned 0% |
| Website - host on roboclub | Assigned 0% |
| Look into getting copywrite | Assigned 0% |
| Wishlist | |
| Sell T-shirts on website | |
| Arbor Press | |
| Horizontal Band Saw | |
| Compressed Air System | |
| OPM Parking Meters | |
| Update Website Documentation | |
| Improvements to Web Interface | |
| Quadrotor | Quadrotor |
| Make Wishlist of Parts | |
| Fix the Quadrotor | |
| Point Cloud Display | |
| Design aluminum frame for Quad1 | Assigned 0% |
| Make private repository | |
| Email Harrison to Order Parts | |
| USB to micro USB cable | |
| RobOrchestra | RobOrchestra |
| Guitar Bot | |

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|---|---|
| SURG Proposal | |
| Brass instrument | Assigned 0% |
| MIDI to Robot | Assigned 50% |
| New GUI | Assigned 0% |
| Power System | |
| Instrument Logos For Website | |
| Transfer RobOrchestra.com | Assigned 30% |
| Tooltron | |
| Write tutorial about network programming | |
| Tooltron - 1.0 | |
| script for network programming | |
| notifications of tool boot packets in (...) | |
| Put up a warning sign for Tooltron swiping (...) | |
| Document the Network Bootloader | |
| Document the States of the toolbox/cardbox | |
| Server dies when internet is out | |
| update server docs | |
| Tooltron - 2.0 | |
| Keypad row 3 (7,8,9,C) does not work | |
| MySQL Stored Procedures | |
| Tooltron status indicator | |
| Tooltron - 1.1 | |
| timeouts not working correctly | |
| remove server hacks | |
| organize repo | |
| Document new Error codes on Cardbox | |
| order more boards and replace drill-press (...) | |
| Underwater Swarm Bots | Underwater Swarm Bots |
| FTDI cable | Assigned 0% |
| WCTU | WCTU |
| WCTU - WCTU Version 1.0 | WCTU -WCTU Version 1.0 50% |
| Create v1.0 JS Client Revision 1 | Assigned 0% |