

| | 2014-2 | | | | 2014-3 | | | | 2014-4 | | | | 2014-5 | | | | 2014-6 | | | | 2014-7 | | | |
|--|---------------|---|---|---|--------|----|----|----|--------|----|----|----|--------|----|----|----|--------|----|----|----|--------|----|----|----|
| | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 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 | | | | | | | | | | | | | | | | | | | | | | | | |
| 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 Maintenance Day | | | | | | | | | | | | | | | | | | | | | | | | |
| Discuss and Contact about Extra Colony III (...) | | | | | | | | | | | | | | | | | | | | | | | | |
| Colony - Hardware | | | | | | | | | | | | | | | | | | | | | | | | |

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| <p>Investigate how to use the JTAG ICE</p> <p>Colony - Library</p> <p>Make sure all robots program the correct (...)</p> <p>Colony Scout</p> <p>Colony Environment</p> <p>Software Architecture</p> <p>Reflow Oven Temperature Regulation</p> <p>Update Boards on Eagle</p> <p>Research PCB Assembly Costing</p> <p>Website Work Log</p> <p>Video for Scout Intro</p> <p>Create ROS Node: Buttons</p> <p>Create ROS Node: Timer</p> <p>Create ROS Node: IMU</p> <p>Create ROS Node: Accessory</p> <p>Create ROS Node: Encoders</p> <p>Create ROS Node: Wireless</p> <p>Create ROS Node: USB Serial</p> <p>Create ROS Node: Cliffsensors</p> <p>Create ROS Node: BOM</p> <p>Create ROS Node: Analog</p> <p>BOM Interference Testing</p> <p>BOM Driver Code</p> <p>Sonar Wiring</p> <p>Sonar Position Tracking</p> <p>Send Sonar Readings to ARM</p> <p>Automate Stepping and Sonar Reading</p> <p>Sonar on ARM</p> <p>Make ARM command Sonar on AVR</p> <p>Read IMU values and send to ARM</p> <p>Pose Estimation</p> <p>Control Motors (ARM)</p> <p>Track Encoders</p> <p>Charging Base</p> | <p>Colony Scout</p> <p>Assigned 100%</p> <p>Assigned 100%</p> <p>Assigned 0%</p> <p>Assigned 100%</p> <p>Assigned 100%</p> <p>Assigned 0%</p> <p>Assigned 80%</p> <p>Assigned 100%</p> <p>Assigned 90%</p> <p>Assigned 0%</p> <p>Assigned 0%</p> <p>Assigned 0%</p> <p>Assigned 0%</p> <p>Assigned 0%</p> <p>Assigned 10%</p> |
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| Create Scout Chassis | Assigned 0% |
| IMU on ARM | Assigned 0% |
| ROSSERIAL on ARM | Assigned 0% |
| CliffSensor on ARM | Assigned 0% |
| Create Transmitting Protocol | Assigned 0% |
| Wireless on ARM | Assigned 10% |
| Cliff Detection | Assigned 0% |
| Buttons on ARM | Assigned 0% |
| USB Serial on ARM | Assigned 0% |
| Power Up Rest of Scoutfly | |
| Get Old Boards and Funding Info | |
| Test AVR on ARM | Assigned 0% |
| Get Sonar Stepping and Reading | Assigned 0% |
| "Automated" Turning | Assigned 0% |
| Add Fuel Guage and Protection circuit (...) | |
| BOM returns values even when IR LED (...) | |
| File Error Service call | |
| Colony Scout - 1.0 | |
| BOM Send/Receive Functions | |
| Assembly Instructions | |
| Fix Encoder pinout on breakfly | |
| Colony Scout - 1.2 | |
| NanoRK Wireless Library | |
| Look @ Robostix AVR<->ARM Comms (...) | |
| Electronics Purchasing, OCT-08 | Assigned 0% |
| Colony Scout - Development | |
| System Wiring | |
| Look into accelerometer speed | |
| Email Red W | Assigned 0% |
| Create roboclub demo | Assigned 50% |
| Design SmartFly Smart Accessory (...) | |
| Mechanical Work Log | Assigned 20% |
| Check speaker magnet interference (...) | |
| HyLo | HyLo |

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| <p>type proposed proposal</p> <p>Meeting</p> <p>Mechanical Logic Gates</p> <p>Update - website</p> <p>You Tube + Display Case</p> <p>Website - host on roboclub</p> <p>Wishlist</p> <p>Compressed Air System</p> <p>Quadrotor</p> <p>Fix the Quadrotor</p> <p>Point Cloud Display</p> <p>Design aluminum frame for Quad1</p> <p>Make private repository</p> <p>Email Harrison to Order Parts</p> <p>USB to micro USB cable</p> <p>RobOrchestra</p> <p>Model Solenoids for brassbot in Solidworks</p> <p>Get Pianobot modelled with the piano</p> <p>Tooltron</p> <p>Write tutorial about network programming</p> <p>Tooltron - 1.0</p> <p>script for network programming</p> <p>notifications of tool boot packets in (...)</p> <p>Document the Network Bootloader</p> <p>Document the States of the toolbox/cardbox</p> <p>Server dies when internet is out</p> <p>update server docs</p> <p>Tooltron - 1.1</p> <p>timeouts not working correctly</p> <p>remove server hacks</p> <p>organize repo</p> <p>Document new Error codes on Cardbox</p> <p>order more boards and replace drill-press (...)</p> <p>Tooltron - 2.0</p> | <p>Assigned 0%</p> <p>Mechanical Logic Gates</p> <p>Assigned 0%</p> <p>Assigned 0%</p> <p>Assigned 0%</p> <p>Quadrotor</p> <p>Assigned 0%</p> <p>RobOrchestra</p> <p>Assigned 0%</p> <p>Assigned 0%</p> |
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| MySQL Stored Procedures Underwater Swarm Bots FTDI cable WCTU WCTU - WCTU Version 1.0 Create v1.0 JS Client Revision 1 | Underwater Swarm Bots Assigned 0% WCTU WCTU -WCTU Version 1.0 50% Assigned 0% |
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