| | 2014-7 | | | | | 4-8 | | 2014-9 | | | | | 2014-10 | | | | | 2014-11 | | | | | 2014-12 | | | |
|---|--------|------|-------|----|----|-----|----|--------|----|----|----|----|---------|----|----|----|----|---------|----|----|----|----|---------|----|----|----|
| | 28 | | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 4 4 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 |
| Colony | Cold | ny | , | | | • | , | • | | • | | | | | | | • | • | • | | | | | | | • |
| 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 | | _ | d 0% | | | | | | | | | | | | | | | | | | | | | | | |
| Figure out rangefinders group | | _ | d 0% | | | | | | | | | | | | | | | | | | | | | | | |
| Complete SURG form | | _ | d 0% | | | | | | | | | | | | | | | | | | | | | | | |
| Check/Order robot battery clips | Ass | igne | d 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 - Library | |
| Make sure all robots program the correct () | |
| Colony - Reliability | |
| Automatically update robot status page () | |
| 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% |
| Sonar Position Tracking | |
| Send Sonar Readings to ARM | |
| Automate Stepping and Sonar Reading | |
| Sonar on ARM | |
| Make ARM command Sonar on AVR | A |
| Read IMU values and send to ARM | Assigned 0% |

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| Pose Estimation | Assigned 0% |
|--|--------------|
| Motor & Encoder Wiring | |
| Control Motors (ARM) | Assigned 10% |
| Track Encoders | |
| Charging Base | |
| Print and Test Scoutfly | |
| Create Scout Chassis | |
| Make wiring kits for Scout | |
| IMU on ARM | Assigned 0% |
| ROSSERIAL 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 | |
| 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 | |
| Loook @ Robostix AVR<>ARM Comms () | |
| Electronics Purchasing, OCT-08 | Assigned 0% |
| Colony Scout - Development | |

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System Wiring Look into accelerometer speed Assigned 0% **Email Red W** Assigned 50% Create roboclub demo **Audio Command & Output Accessory** Design SmartFly Smart Acessory (...) Assigned 20% **Mechanical Work Log** Check speaker magnet interference (...) HyLo HyLo Assigned 0% type proposed proposal Meeting **Mechanical Logic Gates Mechanical Logic Gates** Assigned 0% Update - website Assigned 0% You Tube + Display Case Assigned 0% Website - host on roboclub Assigned 0% Look into getting copywrite **Wishlist** Sell T-shirts on website **Arbor Press Horizontal Band Saw Compressed Air System** Quadrotor Quadrotor Make Wishlist of Parts **Fix the Quadrotor Point Cloud Display** Assigned 0% Design aluminum frame for Quad1 Make private repository **Email Harrison to Order Parts USB** to micro **USB** cable RoboBuggy RoboBuggy Assigned 40% Write a SURG Grant RobOrchestra RobOrchestra Assigned 0% Model Solenoids for brassbot in Solidworks Assigned 0% Get Pianobot modelled with the piano

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Parts List (pianobot) (someone work on this? (...) Algorithm for Pianobot? **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 - 1.1 timeouts not working correctly remove server hacks organize repo **Document new Error codes on Cardbox** order more boards and replace drill-press (...) Tooltron - 2.0 Keypad row 3 (7,8,9,C) does not work **MySQL Stored Procedures Tooltron status indicator 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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