





	2012-11				2012-12				2013-1					2013-2				2013-3				2013-4			
	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
<b>Colony</b>	<b>Colony</b>																								
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																									

<b>Investigate how to use the JTAG ICE</b>	
<b>Colony - Library</b>	
<b>Make sure all robots program the correct (...)</b>	
<b>Colony Scout</b>	<b>Colony Scout</b>
<b>Colony Environment</b>	
<b>Software Architecture</b>	
<b>Reflow Oven Temperature Regulation</b>	
<b>Update Boards on Eagle</b>	
<b>Research PCB Assemby Costing</b>	
<b>Website Work Log</b>	
<b>Video for Scout Intro</b>	
<b>Create ROS Node: Buttons</b>	<b>Assigned 100%</b>
<b>Create ROS Node: Timer</b>	<b>Assigned 100%</b>
<b>Create ROS Node: IMU</b>	<b>Assigned 0%</b>
<b>Create ROS Node: Accessory</b>	<b>Assigned 100%</b>
<b>Create ROS Node: Encoders</b>	<b>Assigned 100%</b>
<b>Create ROS Node: Wireless</b>	<b>Assigned 0%</b>
<b>Create ROS Node: USB Serial</b>	<b>Assigned 80%</b>
<b>Create ROS Node: Cliffensors</b>	<b>Assigned 100%</b>
<b>Create ROS Node: BOM</b>	<b>Assigned 90%</b>
<b>Create ROS Node: Analog</b>	<b>Assigned 0%</b>
<b>BOM Interference Testing</b>	<b>Assigned 0%</b>
<b>BOM Driver Code</b>	<b>Assigned 0%</b>
<b>Sonar Wiring</b>	<b>Assigned 0%</b>
<b>Sonar Position Tracking</b>	
<b>Send Sonar Readings to ARM</b>	
<b>Automate Stepping and Sonar Reading</b>	
<b>Sonar on ARM</b>	
<b>Make ARM command Sonar on AVR</b>	
<b>Read IMU values and send to ARM</b>	<b>Assigned 0%</b>
<b>Pose Estimation</b>	<b>Assigned 0%</b>
<b>Control Motors (ARM)</b>	<b>Assigned 10%</b>
<b>Track Encoders</b>	
<b>Charging Base</b>	

<b>Create Scout Chassis</b>	<b>Assigned 0%</b>
<b>IMU on ARM</b>	<b>Assigned 0%</b>
<b>ROSSERIAL on ARM</b>	<b>Assigned 0%</b>
<b>CliffSensor on ARM</b>	<b>Assigned 0%</b>
<b>Create Transmitting Protocol</b>	<b>Assigned 0%</b>
<b>Wireless on ARM</b>	<b>Assigned 10%</b>
<b>Cliff Detection</b>	<b>Assigned 0%</b>
<b>Buttons on ARM</b>	<b>Assigned 0%</b>
<b>USB Serial on ARM</b>	<b>Assigned 0%</b>
<b>Power Up Rest of Scoutfly</b>	
<b>Get Old Boards and Funding Info</b>	
<b>Test AVR on ARM</b>	<b>Assigned 0%</b>
<b>Get Sonar Stepping and Reading</b>	<b>Assigned 0%</b>
<b>"Automated" Turning</b>	<b>Assigned 0%</b>
<b>Add Fuel Guage and Protection circuit (...)</b>	
<b>BOM returns values even when IR LED (...)</b>	
<b>File Error Service call</b>	
<b>Colony Scout - 1.0</b>	
<b>BOM Send/Receive Functions</b>	
<b>Assembly Instructions</b>	
<b>Fix Encoder pinout on breakfly</b>	
<b>Colony Scout - 1.2</b>	
<b>NanoRK Wireless Library</b>	
<b>Look @ Robostix AVR&lt;-&gt;ARM Comms (...)</b>	
<b>Electronics Purchasing, OCT-08</b>	<b>Assigned 0%</b>
<b>Colony Scout - Development</b>	
<b>System Wiring</b>	
<b>Look into accelerometer speed</b>	
<b>Email Red W</b>	<b>Assigned 0%</b>
<b>Create roboclub demo</b>	<b>Assigned 50%</b>
<b>Design SmartFly Smart Accessory (...)</b>	
<b>Mechanical Work Log</b>	<b>Assigned 20%</b>
<b>Check speaker magnet interference (...)</b>	
<b>HyLo</b>	<b>HyLo</b>

<p>type proposed proposal</p> <p>Meeting</p> <p><b>Mechanical Logic Gates</b></p> <ul style="list-style-type: none"> <li>Update - website</li> <li>You Tube + Display Case</li> <li>Website - host on roboclub</li> </ul> <p><b>Wishlist</b></p> <ul style="list-style-type: none"> <li>Compressed Air System</li> </ul> <p><b>Quadrotor</b></p> <ul style="list-style-type: none"> <li>Fix the Quadrotor</li> <li>Point Cloud Display</li> <li>Design aluminum frame for Quad1</li> <li>Make private repository</li> <li>Email Harrison to Order Parts</li> <li>USB to micro USB cable</li> </ul>	<p>Assigned 0%</p> <div style="text-align: right;">  </div> <ul style="list-style-type: none"> <li> Assigned 0%</li> <li> Assigned 0%</li> <li> Assigned 0%</li> </ul> <p>Quadrotor</p> <p>Assigned 0%</p>
<p><b>RobOrchestra</b></p> <ul style="list-style-type: none"> <li>Model Solenoids for brassbot in Solidworks</li> <li>Get Pianobot modelled with the piano</li> </ul> <p><b>Tooltron</b></p> <ul style="list-style-type: none"> <li>Write tutorial about network programming</li> </ul> <p><b>Tooltron - 1.0</b></p> <ul style="list-style-type: none"> <li>script for network programming</li> <li>notifications of tool boot packets in (...)</li> <li>Document the Network Bootloader</li> <li>Document the States of the toolbox/cardbox</li> <li>Server dies when internet is out</li> <li>update server docs</li> </ul> <p><b>Tooltron - 1.1</b></p> <ul style="list-style-type: none"> <li>timeouts not working correctly</li> <li>remove server hacks</li> <li>organize repo</li> <li>Document new Error codes on Cardbox</li> <li>order more boards and replace drill-press (...)</li> </ul> <p><b>Tooltron - 2.0</b></p>	<p>Assigned 0%</p> <p>Assigned 0%</p>

Mechanica

RobOr

<p><b>MySQL Stored Procedures</b></p> <p><b>Underwater Swarm Bots</b></p> <p>FTDI cable</p> <p><b>WCTU</b></p> <p>WCTU - WCTU Version 1.0</p> <p>Create v1.0 JS Client Revision 1</p>	<p><b>Underwater Swarm Bots</b></p> <p>Assigned 0%</p> <hr style="border: 1px solid gray; width: 100%;"/> <p>WCTU</p> <hr style="border: 1px solid red; width: 100%;"/> <p>WCTU -WCTU Version 1.0 50%</p> <p>Assigned 0%</p>
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