	2011-9				2011-10				2011-11				2011-12				2012-1				2012-2			
	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	1	2	3	4	5	6	7	8

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 (...)

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 Sco**
    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%**
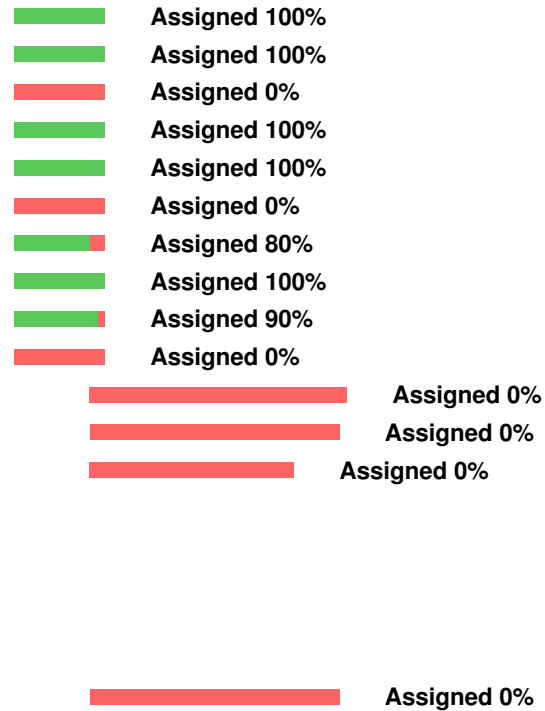   **Sonar Wiring**   **Assigned 0%**
    Sonar Position Tracking
    Send Sonar Readings to ARM
    Automate Stepping and Sonar Reading
    Sonar on ARM
    Make ARM command Sonar on AVR
    Read IMU values and send to ARM   **Assigned 0%**

Task	
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	

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 (...)

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

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

RoboBuggy   **RoboBuggy**
   Write a SURG Grant   Assigned 40%

RobOrchestra   **RobOrc**
   Model Solenoids for brassbot in Solidworks   Assigned 0%
   Get Pianobot modelled with the piano   Assigned 0%

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

Underw

Assigned 0%
WCTU
WCTU -WCTU Version 1.0 50%
Assigned 0%