

## Colony Scout - Issues

| #    | Tracker     | Status   | Priority | Subject  | Assignee       | Updated             | Category       | % Done |
|------|-------------|----------|----------|--|----------------|---------------------|----------------|--------|
| 2169 | Bug         | Fixed    | Normal   | FL Encoder Ticks Backward  | Julian Binder  | 10/29/2013 03:44 PM | EE Hardware    | 0      |
| 2211 | Task        | Fixed    | High     | List of Electric Parts for Back of Scout   | Julian Binder  | 10/29/2013 03:44 PM | EE Hardware    | 0      |
| 1893 | Task        | Wontfix  | Tabled   | Power ROS Node   | Jeff Cooper    | 04/12/2013 05:45 PM | OS             | 70     |
| 1846 | Task        | Fixed    | Normal   | Test 2 BOMS  | Thomas Mullins | 03/24/2013 04:34 PM | EE Hardware    | 0      |
| 1848 | Task        | Wontfix  | Normal   | Coverage Testing   | Thomas Mullins | 03/24/2013 04:34 PM | EE Hardware    | 0      |
| 1806 | Bug         | Wontfix  | Normal   | Gumstix Memory Change  | Jeff Cooper    | 03/22/2013 06:38 PM | Scoutfly       | 100    |
| 2113 | Task        | Wontfix  | Normal   | Clean up scoutsim code   | Alex Zirbel    | 02/28/2013 12:16 PM | Scoutsim       | 0      |
| 2137 | Task        | Wontfix  | Normal   | Add roslaunch scripts  | Priyanka Deo   | 02/28/2013 12:15 PM | OS             | 0      |
| 2114 | Enhancement | Wontfix  | Normal   | Make it easier to make new behaviors   | Alex Zirbel    | 02/28/2013 12:15 PM | Scoutsim       | 0      |
| 2130 | Bug         | Fixed    | Normal   | Running a scout then starting teleop   | Hui Jun Tay    | 02/28/2013 12:14 PM | Scoutsim       | 0      |
| 2120 | Bug         | Wontfix  | Normal   | Remove old teleop and clean up scoutsim folder   | Alex Zirbel    | 02/28/2013 12:13 PM | Scoutsim       | 0      |
| 2135 | Task        | Fixed    | Normal   | Remove headers from messages   | Hui Jun Tay    | 02/28/2013 12:12 PM | OS             | 0      |
| 2136 | Task        | Fixed    | Normal   | Change teleop_on behavior.   | Hui Jun Tay    | 02/28/2013 12:12 PM | Scoutsim       | 0      |
| 2138 | Bug         | Fixed    | Normal   | Look into timestamps in sonar  | Hui Jun Tay    | 02/28/2013 12:11 PM | Scoutsim       | 0      |
| 2134 | Bug         | Fixed    | Normal   | Concurrency Issue with Behavior Overwrite  | Yuyang Guo     | 02/18/2013 06:48 PM | Scoutsim       | 100    |
| 2133 | Bug         | Fixed    | Normal   | Adding scout with an empty name is bad.  | Yuyang Guo     | 02/18/2013 06:48 PM | Scoutsim       | 100    |
| 2129 | Bug         | Fixed    | Normal   | Killing and respawning makes a scout uncontrollable  | Yuyang Guo     | 02/17/2013 07:25 PM | Scoutsim       | 100    |
| 2112 | Task        | Fixed    | Normal   | Clean up GUI code  | Alex Zirbel    | 02/17/2013 07:20 PM | Scoutsim       | 0      |
| 2131 | Bug         | Fixed    | Normal   | Resume button doesn't work   | Yuyang Guo     | 02/17/2013 07:19 PM | Scoutsim       | 100    |
| 2082 | Bug         | Fixed    | Normal   | Every behavior is instantiated when any is run   | Priyanka Deo   | 02/03/2013 05:37 PM |                | 0      |
| 2122 | Bug         | Fixed    | Normal   | Standardize encoders   | Alex Zirbel    | 02/03/2013 03:24 PM | Scoutsim       | 0      |
| 2132 | Bug         | Fixed    | Normal   | Delay before motor commands start  | Alex Zirbel    | 02/03/2013 03:23 PM | Scoutsim       | 0      |
| 2111 | Task        | Fixed    | Normal   | Make scoutsim debugging tools able to run on any scout.  | Alex Zirbel    | 01/19/2013 03:12 PM | Scoutsim       | 0      |
| 1724 | Task        | Wontfix  | Normal   | Money Requisition  | Alex Zirbel    | 12/02/2012 03:45 PM | Administrative | 0      |
| 2121 | Bug         | Assigned | Normal   | File Error Service call  | Alex Zirbel    | 11/16/2012 06:12 PM |                | 0      |
| 2109 | Bug         | Assigned | Normal   | Add Fuel Guage and Protection circuit to charge board  | Julian Binder  | 11/11/2012 03:31 PM |                | 0      |
| 2110 | Bug         | Assigned | Normal   | BOM returns values even when IR LED cannot possibly permeate through the material it is enclosed by. | Thomas Mullins | 11/11/2012 02:56 PM |                | 0      |
| 1886 | Task        | Fixed    | Normal   | Spec Out and Buy IMU   | Julian Binder  | 11/03/2012 02:25 PM | EE Hardware    | 70     |
| 2091 | Task        | Fixed    | Normal   | order more scout parts   | Julian Binder  | 11/03/2012 02:25 PM | EE Hardware    | 20     |
| 1805 | Task        | Fixed    | Normal   | Cheaper Gumstix, Check Compatibility   | Jeff Cooper    | 09/25/2012 04:39 PM | Scoutfly       | 50     |
| 1993 | Task        | Fixed    | Normal   | Design Forklift in Solidworks  | Yuyang Guo     | 09/18/2012 02:00 PM |                | 100    |

| #    | Tracker     | Status     | Priority | Subject  | Assignee         | Updated             | Category       | % Done |
|------|-------------|------------|----------|--|------------------|---------------------|----------------|--------|
| 1917 | Task        | Fixed      | Normal   | Get Readings from Sonar                            | Julian Binder    | 09/18/2012 01:58 PM |                | 100    |
| 1918 | Task        | Wontfix    | Normal   | Get Readings from Sonar                            | Julian Binder    | 09/11/2012 05:21 PM |                | 0      |
| 2056 | Bug         | Fixed      | Normal   | Fix and test 2nd sonar on scout_avr                | Thomas Mullins   | 08/28/2012 05:52 PM |                | 100    |
| 1533 | Bug         | Fixed      | High     | Resize drill holes for USB Mini B                  | Abraham Levkoy   | 04/13/2012 03:58 PM | Scoutfly       | 80     |
| 1827 | Task        | Fixed      | Low      | Create ROS Node: AVR Bridge                        | Thomas Mullins   | 04/03/2012 04:16 PM | OS             | 100    |
| 1950 | Task        | Worksforme | High     | Replace out-of-stock LDO on Scoutfly               | Abraham Levkoy   | 03/28/2012 08:52 PM | EE Hardware    | 0      |
| 1909 | Task        | Fixed      | Normal   | Merge Mailing Lists                                | Priyanka Deo     | 02/09/2012 01:26 PM | Administrative | 0      |
| 1727 | Task        | Assigned   | High     | Update Boards on Eagle                             | Abraham Levkoy   | 01/15/2012 06:25 PM |                | 60     |
| 1585 | Bug         | Fixed      | Normal   | Fix DS2786 Footprint                               | Abraham Levkoy   | 01/15/2012 03:52 PM | Scoutfly       | 100    |
| 1849 | Task        | Fixed      | Normal   | Proximity Test                                     | Thomas Mullins   | 12/05/2011 06:27 PM | EE Hardware    | 100    |
| 1892 | Bug         | Fixed      | Normal   | Create Alarm Clocks                                | Alexander Lam    | 12/01/2011 04:50 PM | OS             | 100    |
| 1845 | Task        | Fixed      | Normal   | Single BOM Test                                    | Thomas Mullins   | 12/01/2011 04:49 PM | EE Hardware    | 100    |
| 1819 | Task        | Fixed      | Normal   | Create ROS Node: Headlights                        | Ben Wasserman    | 11/16/2011 08:15 PM | OS             | 100    |
| 1862 | Task        | Assigned   | Normal   | Control Motors (ARM)                               | Alexander Lam    | 11/16/2011 06:33 PM | OS             | 10     |
| 1817 | Task        | Assigned   | Normal   | Create ROS Node: Buttons                           | Priyanka Deo     | 11/14/2011 02:28 PM | OS             | 100    |
| 1828 | Task        | Assigned   | Normal   | Create ROS Node: Cliffsensors                      | Priyanka Deo     | 11/14/2011 02:27 PM | OS             | 100    |
| 1822 | Task        | Assigned   | Normal   | Create ROS Node: Accessory                         | Willis Chang     | 11/14/2011 12:11 AM | OS             | 100    |
| 1920 | Task        | Assigned   | High     | Get Old Boards and Funding Info                    | Ben Wasserman    | 11/12/2011 11:46 PM | Administrative | 0      |
| 1919 | Task        | Assigned   | Normal   | Power Up Rest of Scoutfly                          | Ben Wasserman    | 11/12/2011 11:44 PM | EE Hardware    | 0      |
| 1873 | Task        | Assigned   | Normal   | ROSSERIAL on ARM                                   | Jonathan Goldman | 11/11/2011 07:09 PM | OS             | 0      |
| 1820 | Task        | Fixed      | Normal   | Create ROS Node: Power                             | Jeff Cooper      | 11/11/2011 02:16 AM | OS             | 100    |
| 1829 | Task        | Assigned   | Normal   | Create ROS Node: BOM                               | James Carroll    | 11/09/2011 10:06 PM | OS             | 90     |
| 1818 | Task        | Assigned   | Normal   | Create ROS Node: Timer                             | Alexander Lam    | 11/09/2011 06:53 PM | OS             | 100    |
| 1847 | Task        | Assigned   | Normal   | BOM Interference Testing                           | Dan Jacobs       | 11/09/2011 12:34 AM | EE Hardware    | 0      |
| 1877 | Task        | Assigned   | Normal   | Wireless on ARM                                    | Ben Wasserman    | 11/07/2011 06:05 PM | OS             | 10     |
| 1907 | Task        | Assigned   | Normal   | Check speaker magnet interference with IMU/Compass | Dan Jacobs       | 11/07/2011 04:48 PM | EE Hardware    | 0      |
| 1898 | Task        | Fixed      | Normal   | Add Doxygen link to Coding standards page          | Abraham Levkoy   | 11/07/2011 02:13 AM |                | 100    |
| 1880 | Task        | Invalid    | High     | Test AVR configuration                             | Alexander Lam    | 11/06/2011 06:04 PM | Scoutfly       | 100    |
| 1808 | Enhancement | Assigned   | Normal   | Video for Scout Intro                              | Dan Shope        | 11/05/2011 11:56 AM | Website        | 0      |
| 1868 | Task        | Duplicate  | Normal   | Scoutfly Boards                                    | Abraham Levkoy   | 11/04/2011 04:32 PM | EE Hardware    | 0      |
| 1852 | Task        | Assigned   | Normal   | Get Sonar Stepping and Reading                     | James Church     | 11/03/2011 06:06 PM | EE Hardware    | 0      |
| 1851 | Task        | Assigned   | Normal   | Sonar Wiring                                       | James Church     | 11/03/2011 06:05 PM | EE Hardware    | 0      |
| 1823 | Task        | Assigned   | Normal   | Create ROS Node: Encoders                          | Lalitha Ganesan  | 11/02/2011 06:41 PM | OS             | 100    |

| #    | Tracker     | Status   | Priority | Subject                                | Assignee            | Updated             | Category       | % Done |
|------|-------------|----------|----------|--|---------------------|---------------------|----------------|--------|
| 1899 | Task        | Fixed    | Normal   | Add ECE people to mailing list         | Priyanka Deo        | 11/01/2011 10:08 PM | Administrative | 100    |
| 1895 | Task        | New      | Normal   | Control Headlights                     |                     | 10/29/2011 05:52 PM | OS             | 0      |
| 1894 | Task        | Assigned | Normal   | USB Serial on ARM                      | Ben Wasserman       | 10/29/2011 05:51 PM | OS             | 0      |
| 1826 | Task        | Assigned | Normal   | Create ROS Node: USB Serial            | Lalitha Ganesan     | 10/26/2011 07:26 PM | OS             | 80     |
| 1857 | Task        | Assigned | Normal   | Make ARM command Sonar on AVR          | Prasanth Somasundar | 10/26/2011 06:12 PM | OS             | 0      |
| 1856 | Task        | Assigned | Normal   | Sonar on ARM                           | Prasanth Somasundar | 10/26/2011 06:11 PM | OS             | 0      |
| 1855 | Task        | Assigned | Normal   | Automate Stepping and Sonar Reading    | Prasanth Somasundar | 10/26/2011 06:11 PM | OS             | 0      |
| 1854 | Task        | Assigned | Normal   | Send Sonar Readings to ARM             | Prasanth Somasundar | 10/26/2011 06:10 PM | OS             | 0      |
| 1853 | Task        | Assigned | Normal   | Sonar Position Tracking                | Prasanth Somasundar | 10/26/2011 06:10 PM | OS             | 0      |
| 1860 | Task        | Assigned | Normal   | Pose Estimation                        | Yuyang Guo          | 10/26/2011 06:08 PM | OS             | 0      |
| 1872 | Task        | Assigned | Normal   | IMU on ARM                             | Yuyang Guo          | 10/26/2011 06:08 PM | OS             | 0      |
| 1879 | Task        | Assigned | Normal   | Buttons on ARM                         | Priyanka Deo        | 10/26/2011 06:07 PM | OS             | 0      |
| 1858 | Task        | Assigned | Normal   | Read IMU values and send to ARM        | Yuyang Guo          | 10/26/2011 06:07 PM | OS             | 0      |
| 1878 | Bug         | Assigned | Normal   | Cliff Detection                        | Lalitha Ganesan     | 10/26/2011 06:07 PM | OS             | 0      |
| 1875 | Task        | Assigned | Normal   | CliffSensor on ARM                     | Lalitha Ganesan     | 10/26/2011 06:07 PM | OS             | 0      |
| 1864 | Task        | Assigned | Normal   | "Automated" Turning                    | Alexander Lam       | 10/26/2011 06:06 PM | OS             | 0      |
| 1874 | Task        | Assigned | Normal   | Test AVR on ARM                        | Jonathan Goldman    | 10/26/2011 06:06 PM | OS             | 0      |
| 1863 | Task        | Assigned | Normal   | Track Encoders                         | Alexander Lam       | 10/26/2011 06:04 PM | OS             | 0      |
| 1850 | Task        | Assigned | Normal   | BOM Driver Code                        | Dan Jacobs          | 10/26/2011 05:53 PM | OS             | 0      |
| 1876 | Task        | Assigned | Normal   | Create Transmitting Protocol           | Ben Wasserman       | 10/26/2011 05:49 PM | OS             | 0      |
| 1824 | Task        | Fixed    | Normal   | Create ROS Node: Sonar                 | Alex Zirbel         | 10/26/2011 05:37 PM | OS             | 0      |
| 978  | Task        | Assigned | Normal   | System Wiring                          | Dan Shope           | 10/23/2011 08:23 AM | Scoutfly       | 40     |
| 1530 | Enhancement | Assigned | Normal   | Create roboclub demo                   | Dan Shope           | 10/23/2011 08:23 AM | Administrative | 50     |
| 1871 | Task        | Assigned | Normal   | Make wiring kits for Scout             |                     | 10/23/2011 04:07 AM | EE Hardware    | 0      |
| 1869 | Task        | Assigned | Normal   | Print and Test Scoutfly                |                     | 10/23/2011 04:07 AM | EE Hardware    | 0      |
| 1870 | Task        | Assigned | Normal   | Create Scout Chassis                   | Dan Shope           | 10/23/2011 04:04 AM | Mechanical     | 0      |
| 1867 | Task        | Assigned | Normal   | Charging Base                          | Dan Shope           | 10/23/2011 04:01 AM | Mechanical     | 0      |
| 1861 | Task        | Assigned | Normal   | Motor & Encoder Wiring                 |                     | 10/23/2011 03:34 AM | EE Hardware    | 0      |
| 1830 | Task        | Assigned | Normal   | Create ROS Node: Analog                | Devendra Gurjar     | 10/23/2011 02:42 AM | OS             | 0      |
| 1825 | Task        | Assigned | Normal   | Create ROS Node: Wireless              | Prashant Sridhar    | 10/23/2011 02:42 AM | OS             | 0      |
| 1821 | Task        | Assigned | Normal   | Create ROS Node: IMU                   | Dan Jacobs          | 10/23/2011 02:42 AM | OS             | 0      |
| 1730 | Task        | Fixed    | Normal   | Learn ROS                              | Priyanka Deo        | 10/23/2011 02:30 AM |                | 10     |
| 1777 | Task        | Fixed    | High     | Parts Order for Fall Prototype Testing | Priyanka Deo        | 10/23/2011 02:29 AM | Administrative | 100    |

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|------|-------------|-----------|----------|---|----------------|---------------------|----------------|--------|
| 1725 | Task        | Fixed     | Normal   | Get ROS on Gumstix  | Jeff Cooper    | 10/17/2011 05:44 PM | OS             | 90     |
| 1797 | Enhancement | Assigned  | High     | Design SmartFly Smart Accessory Reference Board                       | Dan Shope      | 10/16/2011 09:48 PM | Accessories    | 10     |
| 1789 | Task        | Fixed     | Normal   | Test Cliff Sensors  | Alexander Lam  | 10/16/2011 09:43 PM | Administrative | 100    |
| 1807 | Bug         | Assigned  | Normal   | Website Work Log  | Dan Shope      | 10/15/2011 07:12 PM | Website        | 80     |
| 1798 | Task        | Assigned  | Normal   | Mechanical Work Log   | Dan Shope      | 10/15/2011 12:39 PM | Mechanical     | 20     |
| 1799 | Enhancement | Fixed     | Normal   | Setup support@colonyscout.com   | Dan Shope      | 10/10/2011 04:02 PM | Administrative | 100    |
| 1801 | Task        | Fixed     | Normal   | Call Freeman Supply about Color Mixing                                | Dan Shope      | 10/10/2011 12:00 PM | Mechanical     | 0      |
| 1587 | Task        | Assigned  | Normal   | NanoRK Wireless Library   | Dan Jacobs     | 10/09/2011 03:09 PM | OS             | 0      |
| 1800 | Task        | Assigned  | Normal   | Research PCB Assembly Costing   | Dan Shope      | 10/09/2011 03:07 PM | Scoutfly       | 10     |
| 1791 | Task        | Fixed     | Normal   | Fastener Purchasing   | Dan Shope      | 10/09/2011 03:07 PM | Administrative | 0      |
| 1796 | Enhancement | Assigned  | Normal   | Audio Command & Output Accessory                                      |                | 10/07/2011 11:01 PM | Accessories    | 0      |
| 1793 | Task        | Fixed     | Normal   | Create mockup for Cliff Sensor Testing                                | Dan Shope      | 10/07/2011 10:51 PM | Mechanical     | 0      |
| 1792 | Task        | Assigned  | Normal   | Electronics Purchasing, OCT-08  | Priyanka Deo   | 10/07/2011 05:42 AM | Administrative | 0      |
| 1547 | Bug         | Assigned  | Normal   | Fix Encoder pinout on breakfly  | Abraham Levkoy | 10/05/2011 05:53 PM | Breakfly       | 0      |
| 1478 | Task        | Assigned  | Normal   | BOM Send/Receive Functions  | Ben Wasserman  | 10/05/2011 04:09 PM | Scoutfly       | 0      |
| 1431 | Task        | Wontfix   | Normal   | Spec front air filter foam  | Alex Munoz     | 10/05/2011 03:43 PM | Mechanical     | 0      |
| 1480 | Task        | Wontfix   | Normal   | Find red Powder Coating   | Dan Shope      | 10/05/2011 03:43 PM | Mechanical     | 0      |
| 1485 | Enhancement | Fixed     | Normal   | Viability of switching Gyros (larger range, faster, cheaper, smaller) | Dan Shope      | 10/05/2011 03:43 PM | Scoutfly       | 0      |
| 1514 | Task        | Wontfix   | Normal   | Powdercoating from Electro-kote                                       | Dan Shope      | 10/05/2011 03:43 PM | Mechanical     | 0      |
| 1733 | Task        | Fixed     | Normal   | Compile list of changes for ScoutFly                                  | Abraham Levkoy | 08/15/2011 02:19 AM | Scoutfly       | 100    |
| 1531 | Bug         | Fixed     | Normal   | Replace obsolete Quad NPN   | Chris Mar      | 01/17/2011 11:18 PM | Scoutfly       | 0      |
| 1588 | Task        | Assigned  | Normal   | Loook @ Robostix AVR->ARM Comms Implementation                        | Ben Wasserman  | 11/18/2010 03:13 AM | OS             | 0      |
| 1517 | Bug         | Fixed     | Normal   | Lower tolerance on baseplates   | Dan Shope      | 11/16/2010 08:34 AM | Mechanical     | 0      |
| 1548 | Bug         | Duplicate | Normal   | Fix Encoder pinout on breakfly  | Dan Shope      | 11/16/2010 08:34 AM | Breakfly       | 0      |
| 1561 | Task        | Fixed     | Low      | Email Gumstix about donation  | Chris Mar      | 11/08/2010 05:16 PM | Administrative | 100    |
| 1516 | Bug         | Fixed     | High     | Test rocker switch for 4A sustained power                             | Dan Shope      | 10/27/2010 03:30 PM | Mechanical     | 0      |
| 1536 | Task        | Fixed     | Normal   | Add WhereUsed category to inventory db                                | Dan Shope      | 10/24/2010 12:20 AM | Administrative | 0      |
| 1511 | Task        | Fixed     | High     | Probes for small SMT parts  | Chris Mar      | 10/23/2010 11:43 PM | Scoutfly       | 0      |
| 986  | Task        | Fixed     | Normal   | Charging Station Fuse   |                | 10/23/2010 05:05 AM | Stations       | 0      |
| 1468 | Task        | Fixed     | Normal   | Purchase storage bins for electrical and mechanical parts             | Dan Shope      | 10/23/2010 05:05 AM | Administrative | 80     |
| 1482 | Bug         | Fixed     | Normal   | Purchase equipment for surface mount soldering                        | Dan Shope      | 10/23/2010 05:05 AM | Administrative | 0      |
| 1117 | Task        | Assigned  | Tabled   | Reflow Oven Temperature Regulation                                    | Dan Shope      | 10/21/2010 12:50 AM |                | 0      |

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|------|-------------|----------|----------|--|--------------|---------------------|----------------|--------|
| 997  | Task        | Wontfix  | Tabled   | Spec out microphone  | James Kong   | 10/16/2010 03:58 PM | Scoutfly       | 0      |
| 1469 | Enhancement | Fixed    | Normal   | Spring return on rocker pivot                                    | Alex Munoz   | 10/16/2010 03:57 PM | Mechanical     | 0      |
| 1470 | Task        | Fixed    | Normal   | Design bending check parts                                       | Dan Shope    | 10/16/2010 03:57 PM | Mechanical     | 50     |
| 1494 | Task        | Assigned | Normal   | Assembly Instructions  | Dan Shope    | 10/11/2010 12:27 AM | Administrative | 0      |
| 1471 | Task        | Fixed    | Normal   | DFM Check on Breakfly  | Rohan Aletty | 10/10/2010 04:21 PM | Breakfly       | 0      |
| 1491 | Bug         | Fixed    | Normal   | Clean up BOM page  |              | 10/09/2010 07:50 PM |                | 0      |
| 1425 | Task        | Fixed    | Normal   | Find new battery supplier  | Dan Shope    | 10/09/2010 12:18 AM | Mechanical     | 0      |
| 975  | Task        | Wontfix  | Normal   | Hood Buttons   | Dan Shope    | 10/04/2010 03:12 AM | Mechanical     | 0      |
| 1087 | Task        | Fixed    | Normal   | Design Breakfly  | Rohan Aletty | 10/04/2010 03:10 AM | Breakfly       | 90     |
| 817  | Task        | Fixed    | Normal   | Machine pivot blocks   | Megan Dority | 10/04/2010 12:34 AM | Mechanical     | 70     |
| 1459 | Bug         | Fixed    | Normal   | resize breakfly power traces                                     | Dan Shope    | 10/02/2010 02:02 PM | Breakfly       | 0      |
| 1455 | Bug         | Fixed    | High     | Rename Edge Detector silk  | Chris Mar    | 10/02/2010 01:25 AM | Scoutfly       | 50     |
| 1443 | Bug         | Fixed    | Normal   | Investigate non-RA JST Headers                                   | Chris Mar    | 10/02/2010 12:46 AM | Scoutfly       | 50     |
| 999  | Task        | Fixed    | Normal   | Colony III Members   |              | 10/01/2010 03:52 PM |                | 0      |
| 974  | Task        | Fixed    | Normal   | Accessory Ball Bearing   | Dan Shope    | 10/01/2010 03:51 PM | Mechanical     | 80     |
| 1096 | Bug         | Fixed    | Normal   | Orb Reflectors   | Alex Munoz   | 10/01/2010 03:51 PM |                | 0      |
| 1385 | Bug         | Fixed    | Normal   | Scoutfly mounting holes to ground plane                          | Kevin Woo    | 10/01/2010 03:51 PM | Scoutfly       | 0      |
| 1450 | Bug         | Fixed    | Normal   | Sonar and Accessory Pin Numbering                                | Chris Mar    | 10/01/2010 03:50 PM | Scoutfly       | 0      |
| 1442 | Bug         | Fixed    | Normal   | Scoutfly - Add Grounded Screw Holes                              | Chris Mar    | 10/01/2010 03:50 PM | Scoutfly       | 50     |
| 1441 | Bug         | Fixed    | Normal   | Scoutfly - Change resistor and capacitor values for BOM detector | Chris Mar    | 09/26/2010 03:10 PM | Scoutfly       | 0      |
| 1440 | Bug         | Fixed    | Normal   | value change R8 and R9 on Scoutfly                               | Chris Mar    | 09/26/2010 03:08 PM | Scoutfly       | 0      |
| 1435 | Bug         | Fixed    | Normal   | update scouthw git repo with your library <EOM>                  | Kevin Woo    | 09/24/2010 09:40 PM |                | 0      |
| 818  | Task        | Fixed    | Normal   | Battery Testing  |              | 09/21/2010 09:16 PM |                | 0      |
| 844  | Task        | Wontfix  | High     | Bootloader   | Brad Neuman  | 09/21/2010 09:13 PM | OS             | 0      |
| 1098 | Task        | Wontfix  | Urgent   | ask aaron and cornell about arm stuff                            | Brad Neuman  | 09/21/2010 09:13 PM | OS             | 0      |
| 1381 | Task        | Fixed    | Normal   | acquire ATmega 128RFA1 chips                                     | Dan Shope    | 09/21/2010 09:13 PM | Scoutfly       | 0      |
| 1086 | Task        | Invalid  | Normal   | Design debug board   | Emily Hart   | 07/29/2010 07:19 PM | Scoutfly       | 0      |
| 1018 | Task        | Fixed    | Normal   | Test motor backdrive   | Kevin Woo    | 07/29/2010 07:18 PM | Scoutfly       | 0      |
| 990  | Bug         | Invalid  | Normal   | TVS diode on motors  | Kevin Woo    | 07/29/2010 07:17 PM | Scoutfly       | 0      |
| 1088 | Bug         | Invalid  | Normal   | Switch motor power from VCC to VBatt                             | Kevin Woo    | 07/29/2010 07:15 PM | Scoutfly       | 0      |
| 1328 | Task        | Wontfix  | Normal   | Remove extraneous features from Scout                            | Kevin Woo    | 07/29/2010 07:15 PM | Scoutfly       | 0      |
| 1016 | Enhancement | Wontfix  | Normal   | ESD Protection   | Kevin Woo    | 07/29/2010 07:14 PM | Scoutfly       | 0      |

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|------|-------------|----------|----------|---|-------------|---------------------|----------------|--------|
| 1341 | Task        | Fixed    | Normal   | Level shifter for motor control/pwm signals                 | Kevin Woo   | 07/29/2010 07:13 PM | Scoutfly       | 0      |
| 1017 | Enhancement | Wontfix  | Normal   | Separate grounds  | Kevin Woo   | 07/29/2010 07:12 PM | Scoutfly       | 0      |
| 1148 | Enhancement | Assigned | Normal   | Email Red W   | Dan Shope   | 03/02/2010 02:48 AM | Administrative | 0      |
| 1039 | Bug         | Fixed    | Normal   | Tie oscsel to the RTC Battery                               | Kevin Woo   | 02/22/2010 02:52 PM | Scoutfly       | 0      |
| 1093 | Bug         | Fixed    | Normal   | Stepper controller should be powered by VCC                 | Kevin Woo   | 02/22/2010 02:51 PM | Scoutfly       | 0      |
| 1099 | Bug         | Fixed    | Normal   | Remove Extra FFC  | Kevin Woo   | 02/22/2010 02:47 PM | Scoutfly       | 0      |
| 1094 | Bug         | Fixed    | Normal   | Encoder/Cliff Wiring  | Kevin Woo   | 02/22/2010 02:39 PM | Scoutfly       | 0      |
| 1101 | Bug         | Fixed    | Normal   | Add JST connectors to the bottom side for the front sensors | Kevin Woo   | 02/22/2010 02:39 PM | Scoutfly       | 0      |
| 1095 | Bug         | Fixed    | Normal   | ColonyScout Mail Server                                     | Dan Shope   | 02/10/2010 11:55 PM |                | 0      |
| 1097 | Task        | Fixed    | Normal   | Email Steve about bootstrapping ARM                         | Kevin Woo   | 02/10/2010 04:17 PM | OS             | 100    |
| 1102 | Task        | Fixed    | Normal   | Make JST 2,3,4 pin connector footprints                     | Kevin Woo   | 02/10/2010 04:16 PM | Scoutfly       | 0      |
| 1100 | Task        | Fixed    | Normal   | Spec 2, 3 and 4 pin JST ZH connectors                       | Kevin Woo   | 02/10/2010 03:21 PM | Scoutfly       | 0      |
| 1085 | Task        | Fixed    | Normal   | Get the BreakFly Dimensions and positioning                 | Dan Shope   | 02/09/2010 06:52 PM | Mechanical     | 0      |
| 1046 | Task        | Fixed    | Low      | Update BOM  | Kevin Woo   | 02/06/2010 09:15 PM | Scoutfly       | 0      |
| 970  | Task        | Fixed    | Normal   | Find all resistors we need                                  | Kevin Woo   | 02/06/2010 09:05 PM | Scoutfly       | 0      |
| 1044 | Bug         | Fixed    | Normal   | Choose a new rtc backup battery                             | Kevin Woo   | 02/06/2010 09:04 PM | Scoutfly       | 0      |
| 1059 | Task        | Fixed    | High     | Content for Website   | Brad Neuman | 02/06/2010 03:56 PM |                | 0      |
| 1032 | Bug         | Fixed    | Normal   | Part Change   | Kevin Woo   | 02/05/2010 11:21 PM | Scoutfly       | 0      |
| 1037 | Task        | Fixed    | Normal   | Put 50MHz oscillator on the ethernet phy chip               | Kevin Woo   | 02/05/2010 11:16 PM | Scoutfly       | 0      |
| 1045 | Task        | Fixed    | Normal   | Add a USB A port to the board on the host controller        | Kevin Woo   | 02/05/2010 11:11 PM | Scoutfly       | 0      |
| 1047 | Task        | Fixed    | Normal   | Team Member Bios  | Dan Shope   | 01/29/2010 11:11 AM |                | 0      |
| 1036 | Task        | Invalid  | Normal   | Doublecheck SDRAM footprint                                 | Kevin Woo   | 01/26/2010 11:28 PM | Scoutfly       | 0      |
| 1038 | Task        | Fixed    | Normal   | Modify Power supply   | Kevin Woo   | 01/22/2010 08:24 PM | Scoutfly       | 0      |
| 1035 | Bug         | Fixed    | Normal   | Redo decoupling caps on ARM                                 | Kevin Woo   | 01/22/2010 05:20 PM | Scoutfly       | 0      |
| 1033 | Task        | Fixed    | Urgent   | Email OneStopAssembly                                       | Kevin Woo   | 01/22/2010 02:35 AM | Scoutfly       | 0      |
| 1030 | Task        | Fixed    | Normal   | GoldPhoenix Quote   | Kevin Woo   | 01/21/2010 12:26 AM | Scoutfly       | 0      |
| 976  | Task        | Fixed    | Normal   | Scoutfly Connectors   | Dan Shope   | 01/20/2010 05:14 PM | Scoutfly       | 0      |
| 1023 | Task        | Fixed    | Normal   | Double check ARM Analog VDD supply voltage                  | Kevin Woo   | 01/19/2010 02:31 PM | Scoutfly       | 0      |
| 1022 | Bug         | Fixed    | Normal   | Replace hex schmitt triggers with duals                     | Kevin Woo   | 01/19/2010 02:28 PM | Scoutfly       | 0      |
| 1021 | Bug         | Fixed    | Normal   | I2C Level shifter on the AVR I2C lines                      | Kevin Woo   | 01/19/2010 02:16 PM | Scoutfly       | 0      |
| 988  | Bug         | Fixed    | Normal   | Jumper on USB data line to ARM                              | Kevin Woo   | 01/16/2010 04:00 PM | Scoutfly       | 0      |
| 1015 | Enhancement | Fixed    | Normal   | Resnets for LED arrays                                      | Kevin Woo   | 01/16/2010 02:47 PM | Scoutfly       | 0      |
| 1013 | Bug         | Fixed    | Normal   | Circuit simulate LEDs                                       | Kevin Woo   | 01/16/2010 12:22 AM | Scoutfly       | 0      |

| #    | Tracker     | Status   | Priority | Subject   | Assignee    | Updated             | Category | % Done |
|------|-------------|----------|----------|---|-------------|---------------------|----------|--------|
| 969  | Task        | Fixed    | Normal   | Look for smaller ethernet connector                 | Kevin Woo   | 01/15/2010 10:55 PM | Scoutfly | 0      |
| 983  | Bug         | Fixed    | Normal   | Add micro a/b usb-otg connector                     | Kevin Woo   | 01/15/2010 10:00 PM | Scoutfly | 0      |
| 1005 | Bug         | Fixed    | Normal   | Move pushbutton to ffc                              | Kevin Woo   | 01/15/2010 04:58 PM | Scoutfly | 0      |
| 1004 | Bug         | Fixed    | Normal   | Split power into input and output connectors        | Kevin Woo   | 01/15/2010 04:55 PM | Scoutfly | 0      |
| 1003 | Enhancement | Fixed    | Normal   | Replace giant DPAK BJTs with a smaller one          | Kevin Woo   | 01/15/2010 04:35 PM | Scoutfly | 0      |
| 992  | Bug         | Fixed    | Normal   | Pin out rest of AVR ADC                             | Kevin Woo   | 01/14/2010 02:42 AM | Scoutfly | 0      |
| 984  | Bug         | Fixed    | Normal   | Add ffc connectors to the board to replace cgrids   | Kevin Woo   | 01/14/2010 02:42 AM | Scoutfly | 0      |
| 989  | Bug         | Fixed    | Normal   | Test point on 2 test clocks on ARM                  | Kevin Woo   | 01/14/2010 12:59 AM | Scoutfly | 0      |
| 987  | Task        | Fixed    | Normal   | Jumper on Power Kill Line                           | Kevin Woo   | 01/14/2010 12:54 AM | Scoutfly | 0      |
| 991  | Bug         | Fixed    | Normal   | Remove AVR reset and replace with IO from ARM       | Kevin Woo   | 01/14/2010 12:53 AM | Scoutfly | 0      |
| 995  | Bug         | Fixed    | Normal   | Put wireless amp enable lines on ARM                | Kevin Woo   | 01/14/2010 12:49 AM | Scoutfly | 0      |
| 994  | Bug         | Fixed    | Normal   | Hook up Gyro PD and ST through level shifter to AVR | Kevin Woo   | 01/14/2010 12:48 AM | Scoutfly | 0      |
| 993  | Task        | Assigned | Normal   | Look into accelerometer speed                       | Brad Neuman | 01/13/2010 09:40 PM | Scoutfly | 0      |
| 981  | Bug         | Fixed    | Normal   | Modify accessory ports                              | Kevin Woo   | 01/13/2010 08:25 PM | Scoutfly | 0      |
| 982  | Bug         | Fixed    | Normal   | Add UART for the BOM                                | Kevin Woo   | 01/13/2010 08:24 PM | Scoutfly | 0      |
| 985  | Bug         | Fixed    | Normal   | Add RX/TX UART pin bypass to the AVR for debugging  | Kevin Woo   | 01/13/2010 08:22 PM | Scoutfly | 0      |
| 968  | Task        | Fixed    | Normal   | Double-check Resistor Divider Values                | Kevin Woo   | 01/13/2010 08:15 PM | Scoutfly | 0      |
| 967  | Task        | Fixed    | Normal   | Double-check IC Footprints                          | Kevin Woo   | 01/13/2010 12:24 AM | Scoutfly | 0      |
| 972  | Enhancement | Fixed    | Normal   | Replace RF chip crystal with smaller oscillator     | Kevin Woo   | 01/12/2010 09:34 PM | Scoutfly | 0      |
| 973  | Task        | Fixed    | Normal   | Share schematic + board on dropbox with dan         | Kevin Woo   | 01/12/2010 05:34 AM | Scoutfly | 0      |
| 971  | Enhancement | Fixed    | Normal   | Remove led bar and use individual LEDs instead      |             | 01/11/2010 08:32 PM |          | 0      |
| 523  | Task        | Assigned | Tabled   | Colony Environment                                  | Dan Shope   | 12/11/2009 09:53 PM |          | 0      |
| 843  | Task        | Wontfix  | Normal   | Research POE  | Kevin Woo   | 12/02/2009 05:52 PM |          | 0      |
| 815  | Task        | Fixed    | High     | Proc Spec   | Kevin Woo   | 10/30/2009 05:08 PM |          | 0      |
| 816  | Task        | Assigned | Normal   | Software Architecture                               | Brad Neuman | 10/22/2009 10:12 PM |          | 0      |
| 511  | Task        | Fixed    | High     | Power Distribution                                  | Kevin Woo   | 09/23/2009 11:19 PM |          | 100    |
| 510  | Bug         | Fixed    | Normal   | Add encoder access holes to SolidWorks Model        | Dan Shope   | 07/22/2009 01:58 PM |          | 0      |
| 504  | Task        | Fixed    | Normal   | Reading Quadrature Encoders                         |             | 07/22/2009 01:58 PM |          | 0      |
| 512  | Task        | Fixed    | Normal   | Backup Files into Repository                        | Dan Shope   | 06/02/2009 09:10 PM |          | 100    |