

## Issues

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Category	% Done
1355	Tooltron	Task	Assigned	Normal	Document new Error codes on Cardbox	Kevin Woo	05/10/2010 06:24 PM		0
1341	Colony Scout	Task	Fixed	Normal	Level shifter for motor control/pwm signals	Kevin Woo	07/29/2010 07:13 PM	Scoutfly	0
1328	Colony Scout	Task	Wontfix	Normal	Remove extraneous features from Scout	Kevin Woo	07/29/2010 07:15 PM	Scoutfly	0
1327	Tooltron	Bug	Assigned	Normal	Server dies when internet is out	Brad Neuman	04/24/2010 06:25 PM		0
1201	Tooltron	Task	Duplicate	Normal	Document the Server	Brad Neuman	05/11/2010 07:35 PM		0
1200	Tooltron	Task	Duplicate	Normal	Update state machine interactions between cardbox and server	Kevin Woo	04/09/2010 09:22 PM		0
1199	Tooltron	Task	Assigned	Normal	Document the States of the toolbox/cardbox	Kevin Woo	03/27/2010 08:53 PM		0
1198	Tooltron	Task	Assigned	Normal	Document the Network Bootloader	Kevin Woo	03/27/2010 08:54 PM		0
1179	Tooltron	Bug	Fixed	High	Tool ACL issues	Brad Neuman	03/27/2010 03:36 PM		0
1150	Tooltron	Bug	Worksforme	Normal	Fix USB issue with RS485 chip on cardbox schematic/layout	Kevin Woo	03/27/2010 08:47 PM		0
1145	Tooltron	Task	Fixed	Normal	Figure out tool times for each tool	Brad Neuman	03/23/2010 05:59 PM		0
1144	Tooltron	Task	Fixed	Normal	Assign public tool numbers and print the list	Brad Neuman	03/23/2010 06:00 PM		0
1143	Tooltron	Task	Fixed	Normal	Mount cardbox		03/04/2010 11:45 PM		0
1142	Tooltron	Task	Worksforme	Normal	Hot glue connectors in the two bandsaws	Kevin Woo	03/27/2010 08:52 PM		50
1141	Tooltron	Task	Fixed	Normal	Test Network programming with multiple tools	Brad Neuman	03/04/2010 11:45 PM		0
1140	Tooltron	Enhancement	Fixed	Normal	Tool ping packet	Kevin Woo	03/03/2010 08:39 PM		0
1139	Tooltron	Task	Fixed	Normal	Program correct tool IDs into the eeprom on all tools	Brad Neuman	03/04/2010 11:46 PM		0
1138	Tooltron	Task	Fixed	Normal	Reprogram all tools with new fuses/bootloader	Brad Neuman	03/04/2010 11:46 PM		0
1137	Tooltron	Task	Fixed	Normal	Modify rs482 connector for cardbox	Kevin Woo	03/04/2010 11:47 PM		0
1133	Tooltron	Bug	Fixed	Normal	Tool and server take wrong turnon message	Brad Neuman	03/01/2010 02:41 AM		0
1132	Tooltron	Enhancement	Wontfix	Normal	Add a FUSE section to the bootloader	Kevin Woo	02/24/2010 06:22 PM		0
1131	Tooltron	Bug	Fixed	Normal	network programming script sends 1 too many packets	Brad Neuman	02/28/2010 03:31 PM		0
1130	Tooltron	Bug	Fixed	Normal	add compiler directive to prevent stack junk	Kevin Woo	02/24/2010 05:53 PM		0
1128	Tooltron	Enhancement	Fixed	Normal	Reorganize repository to share common code	Kevin Woo	02/24/2010 01:14 AM		0
1126	Tooltron	Task	Fixed	Normal	Test new cardbox board	Kevin Woo	03/04/2010 12:46 AM		0
1125	Tooltron	Task	Fixed	Normal	Cut usb cable to make new cardbox cable	Kevin Woo	02/27/2010 02:25 PM		0
1124	Tooltron	Task	Fixed	Normal	Jump table for user code	Kevin Woo	02/28/2010 05:00 PM		0
1123	Tooltron	Task	Fixed	Normal	clear user code jump when programming	Kevin Woo	02/23/2010 09:57 PM		0
1122	Tooltron	Task	Fixed	Normal	Send nacks	Kevin Woo	02/23/2010 09:58 PM		0
1120	Tooltron	Task	Fixed	Normal	Packet handler timeouts	Kevin Woo	02/23/2010 09:29 PM		0

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Category	% Done
1119	Tooltron	Task	Fixed	Normal	Watchdog Reset	Kevin Woo	02/23/2010 11:14 PM		100
1104	Tooltron	Bug	Fixed	Normal	Remove magic number from uart init	Kevin Woo	03/01/2010 02:40 AM		0
1103	Tooltron	Bug	Fixed	Normal	Tools send wrong Ack message	Kevin Woo	03/01/2010 02:42 AM		0
1102	Colony Scout	Task	Fixed	Normal	Make JST 2,3,4 pin connector footprints	Kevin Woo	02/10/2010 04:16 PM	Scoutfly	0
1101	Colony Scout	Bug	Fixed	Normal	Add JST connectors to the bottom side for the front sensors	Kevin Woo	02/22/2010 02:39 PM	Scoutfly	0
1100	Colony Scout	Task	Fixed	Normal	Spec 2, 3 and 4 pin JST ZH connectors	Kevin Woo	02/10/2010 03:21 PM	Scoutfly	0
1099	Colony Scout	Bug	Fixed	Normal	Remove Extra FFC	Kevin Woo	02/22/2010 02:47 PM	Scoutfly	0
1093	Colony Scout	Bug	Fixed	Normal	Stepper controller should be powered by VCC	Kevin Woo	02/22/2010 02:51 PM	Scoutfly	0
1090	Tooltron	Task	Wontfix	Normal	Buy OR gates	Kevin Woo	02/23/2010 08:37 PM		0
1089	Tooltron	Enhancement	Fixed	Normal	New Cardbox Board	Kevin Woo	02/23/2010 08:37 PM		0
1088	Colony Scout	Bug	Invalid	Normal	Switch motor power from VCC to VBatt	Kevin Woo	07/29/2010 07:15 PM	Scoutfly	0
1087	Colony Scout	Task	Fixed	Normal	Design Breakfly	Rohan Aletty	10/04/2010 03:10 AM	Breakfly	90
1086	Colony Scout	Task	Invalid	Normal	Design debug board	Emily Hart	07/29/2010 07:19 PM	Scoutfly	0
1085	Colony Scout	Task	Fixed	Normal	Get the BreakFly Dimensions and positioning	Dan Shope	02/09/2010 06:52 PM	Mechanical	0
1079	Tooltron	Enhancement	Fixed	Normal	Network Programming Support	Brad Neuman	02/27/2010 02:25 PM		0
1046	Colony Scout	Task	Fixed	Low	Update BOM	Kevin Woo	02/06/2010 09:15 PM	Scoutfly	0
1045	Colony Scout	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
1044	Colony Scout	Bug	Fixed	Normal	Choose a new rtc backup battery	Kevin Woo	02/06/2010 09:04 PM	Scoutfly	0
1039	Colony Scout	Bug	Fixed	Normal	Tie oscsel to the RTC Battery	Kevin Woo	02/22/2010 02:52 PM	Scoutfly	0
1038	Colony Scout	Task	Fixed	Normal	Modify Power supply	Kevin Woo	01/22/2010 08:24 PM	Scoutfly	0
1037	Colony Scout	Task	Fixed	Normal	Put 50MHz oscillator on the ethernet phy chip	Kevin Woo	02/05/2010 11:16 PM	Scoutfly	0
1036	Colony Scout	Task	Invalid	Normal	Doublecheck SDRAM footprint	Kevin Woo	01/26/2010 11:28 PM	Scoutfly	0
1035	Colony Scout	Bug	Fixed	Normal	Redo decoupling caps on ARM	Kevin Woo	01/22/2010 05:20 PM	Scoutfly	0
1032	Colony Scout	Bug	Fixed	Normal	Part Change	Kevin Woo	02/05/2010 11:21 PM	Scoutfly	0
1023	Colony Scout	Task	Fixed	Normal	Double check ARM Analog VDD supply voltage	Kevin Woo	01/19/2010 02:31 PM	Scoutfly	0
1022	Colony Scout	Bug	Fixed	Normal	Replace hex schmitt triggers with duals	Kevin Woo	01/19/2010 02:28 PM	Scoutfly	0
1021	Colony Scout	Bug	Fixed	Normal	I2C Level shifter on the AVR I2C lines	Kevin Woo	01/19/2010 02:16 PM	Scoutfly	0
1018	Colony Scout	Task	Fixed	Normal	Test motor backdrive	Kevin Woo	07/29/2010 07:18 PM	Scoutfly	0
1017	Colony Scout	Enhancement	Wontfix	Normal	Separate grounds	Kevin Woo	07/29/2010 07:12 PM	Scoutfly	0
1016	Colony Scout	Enhancement	Wontfix	Normal	ESD Protection	Kevin Woo	07/29/2010 07:14 PM	Scoutfly	0
1015	Colony Scout	Enhancement	Fixed	Normal	Resnets for LED arrays	Kevin Woo	01/16/2010 02:47 PM	Scoutfly	0
1013	Colony Scout	Bug	Fixed	Normal	Circuit simulate LEDs	Kevin Woo	01/16/2010 12:22 AM	Scoutfly	0

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1005	Colony Scout	Bug	Fixed	Normal	Move pushbutton to ffc	Kevin Woo	01/15/2010 04:58 PM	Scoutfly	0
1004	Colony Scout	Bug	Fixed	Normal	Split power into input and output connectors	Kevin Woo	01/15/2010 04:55 PM	Scoutfly	0
1003	Colony Scout	Enhancement	Fixed	Normal	Replace giant DPAK BJTs with a smaller one	Kevin Woo	01/15/2010 04:35 PM	Scoutfly	0
985	Colony Scout	Bug	Fixed	Normal	Add RX/TX UART pin bypass to the AVR for debugging	Kevin Woo	01/13/2010 08:22 PM	Scoutfly	0
984	Colony Scout	Bug	Fixed	Normal	Add ffc connectors to the board to replace cgrids	Kevin Woo	01/14/2010 02:42 AM	Scoutfly	0
983	Colony Scout	Bug	Fixed	Normal	Add micro a/b usb-otg connector	Kevin Woo	01/15/2010 10:00 PM	Scoutfly	0
982	Colony Scout	Bug	Fixed	Normal	Add UART for the BOM	Kevin Woo	01/13/2010 08:24 PM	Scoutfly	0
981	Colony Scout	Bug	Fixed	Normal	Modify accessory ports	Kevin Woo	01/13/2010 08:25 PM	Scoutfly	0
973	Colony Scout	Task	Fixed	Normal	Share schematic + board on dropbox with dan	Kevin Woo	01/12/2010 05:34 AM	Scoutfly	0
972	Colony Scout	Enhancement	Fixed	Normal	Replace RF chip crystal with smaller oscillator	Kevin Woo	01/12/2010 09:34 PM	Scoutfly	0
971	Colony Scout	Enhancement	Fixed	Normal	Remove led bar and use individual LEDs instead		01/11/2010 08:32 PM		0
970	Colony Scout	Task	Fixed	Normal	Find all resistors we need	Kevin Woo	02/06/2010 09:05 PM	Scoutfly	0
969	Colony Scout	Task	Fixed	Normal	Look for smaller ethernet connector	Kevin Woo	01/15/2010 10:55 PM	Scoutfly	0
968	Colony Scout	Task	Fixed	Normal	Double-check Resistor Divider Values	Kevin Woo	01/13/2010 08:15 PM	Scoutfly	0
967	Colony Scout	Task	Fixed	Normal	Double-check IC Footprints	Kevin Woo	01/13/2010 12:24 AM	Scoutfly	0
693	Colony	Bug	Assigned	Tabled	Better sanity check for invalid BOM type	John Sexton	10/01/2010 05:45 PM	Hardware	0
617	Tooltron	Task	Invalid	Normal	Buy Conduit	Jimmy Bourne	03/27/2010 08:52 PM		50
506	Tooltron	Task	Fixed	Normal	Mount Tooltron Boards	Paul Desiderio	03/05/2010 01:28 AM		0
503	Tooltron	Enhancement	Fixed	Normal	Tool usage logging	Brad Neuman	01/18/2010 06:45 PM		0
491	Colony	Bug	Worksforme	Normal	ADC ref voltage issue with range finders	Chris Mar	10/01/2010 07:45 PM	Hardware	100
490	Colony	Task	Fixed	Normal	Spec out new wheels for the robot	Austin Buchan	09/10/2009 04:54 PM	Hardware	100
446	Colony	Task	Wontfix	Normal	Implement the BOM in the Simulator	Brad Neuman	09/30/2010 08:17 PM	Simulator	0
445	Colony	Task	Wontfix	Normal	Test Orb Driver Code	Austin Buchan	09/30/2010 09:05 PM	Library	0
391	Colony	Task	Wontfix	Normal	Investigate and profile the avr-libc floating point emulation	Brad Neuman	09/25/2010 03:18 PM	Library	0
390	Colony	Task	Feedback	Tabled	Investigate how to use the JTAG ICE	Nico Paris	09/24/2009 11:08 AM	Hardware	0
388	Colony	Enhancement	Wontfix	Low	Make RTC more granular and adjustable	Martin Herrmann	09/25/2010 03:09 PM	Library	0
387	Colony	Task	Fixed	Normal	Talk to Aaron about the JTAG ICE and how to use	Kevin Woo	04/03/2009 10:01 AM	Hardware	0
368	Colony	Task	Assigned	Tabled	Make sure all robots program the correct xbee id from eeprom	Brian Coltin	10/02/2010 07:24 PM	Library	0
367	Colony	Enhancement	Fixed	Normal	Prevent loading of non robot code into the simulator	Brad Neuman	04/10/2009 05:13 PM	Simulator	0
354	Colony	Task	Fixed	Low	Clean up presentations and papers	Kevin Woo	09/24/2010 01:53 PM		0
353	Colony	Task	Fixed	Normal	Make Doxygen Tutorial/Presentation	Alex Zirbel	12/14/2011 05:27 PM		0

#	Project	Tracker	Status	Priority	Subject	Assignee	Updated	Category	% Done
352	Colony	Task	Wontfix	Normal	Research alternatives for xbee dongles	James Kong	09/09/2009 10:30 PM	Hardware	0
351	Colony	Task	Wontfix	Tabled	Add bayboard and chargeboard status table	Austin Buchan	09/30/2010 07:53 PM	Hardware	0
340	Colony	Enhancement	Fixed	Tabled	Respin the XBee Dongles	Nico Paris	09/30/2010 07:52 PM	Hardware	0
339	Colony	Task	Fixed	Normal	Clean up memory for multiple robots in simulator	Brad Neuman	04/03/2009 05:09 PM	Simulator	0
338	Colony	Task	Wontfix	Tabled	Program Bayboard EEPROM	Austin Buchan	09/30/2010 07:54 PM	Autonomous Recharging	0
337	Colony	Task	Wontfix	High	Update Wireless Maximum Number of XBees	Brian Coltin	10/02/2010 07:11 PM	Library	0
336	Colony	Task	Fixed	Low	Port Old Public Colony Page	Kevin Woo	03/21/2009 12:50 PM		0
335	Colony	Task	Fixed	Low	Testing new encoder mounts	Ben Poole	03/21/2009 12:49 PM	Hardware	0
330	Colony	Task	Invalid	Tabled	Investigate the Use of TI Zigbee Chip for Next Revision		09/30/2010 07:46 PM	Hardware	0
323	Colony	Enhancement	Fixed	Tabled	Wireless bootloading	Ryan Cahoon	09/26/2009 04:54 AM		90
322	Colony	Task	Fixed	High	Depsit SURG Checks	James Kong	03/21/2009 12:47 PM	Administration	0
321	Colony	Task	Fixed	Low	Talk to Austria Micro about Encoder Magnet Misalignment Issues	Chris Mar	03/21/2009 12:49 PM	Hardware	0
320	Colony	Enhancement	New	Tabled	Automatically update robot status page with testing station		03/21/2009 12:55 PM	Diagnostic Station	0
319	Colony	Task	Wontfix	High	Talk to Priya About Xbee Dongles	James Kong	03/21/2009 12:49 PM	Hardware	0
318	Colony	Task	Fixed	High	Testing colony trac ticket emails	Kevin Woo	03/21/2009 12:47 PM	Administration	0
317	Colony	Task	Fixed	Low	Find AVR presentation	Kevin Woo	03/21/2009 12:50 PM		0
316	Colony	Task	Fixed	High	SURG S09 Application	Austin Buchan	03/21/2009 12:47 PM	Administration	0
315	Colony	Enhancement	Wontfix	Low	Joystick control cleanup	Bradley Yoo	03/21/2009 12:50 PM	Library	0
314	Colony	Task	Worksforme	High	Send Charging Board Documents to Kevin	Brad Neuman	03/21/2009 12:48 PM	Autonomous Recharging	0
313	Colony	Task	Fixed	Low	Move wiki to trac	Kevin Woo	03/21/2009 12:47 PM	Administration	0
312	Colony	Task	Fixed	High	Make the wireless presentation	Brian Coltin	03/21/2009 12:50 PM		0
311	Colony	Enhancement	Fixed	Normal	Homing beacon sensor mount	Jimmy Bourne	03/21/2009 12:49 PM	Hardware	0
310	Colony	Task	Fixed	Normal	Fix milestones and categories for trac	Kevin Woo	03/21/2009 12:47 PM	Administration	0
309	Colony	Enhancement	Fixed	High	Make 1 source for library files	Brian Coltin	03/21/2009 12:50 PM	Library	0
308	Colony	Task	Wontfix	High	Wireless - merge the bayboard and dragonfly versions	Brian Coltin	09/30/2010 08:36 PM	Library	0
307	Colony	Task	Fixed	Low	Merge encoders into the trunk	Justin Scheiner	03/21/2009 12:50 PM	Library	0
306	Colony	Bug	Fixed	Tabled	BOM 1.5 Shift register error	Austin Buchan	03/21/2009 12:50 PM	Library	0
305	Colony	Bug	Wontfix	Normal	Wireless - number of robots in token ring doesn't report right number	Brian Coltin	09/24/2010 01:51 PM	Library	0

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304	Colony	Enhancement	Invalid	Low	Rangefinders code distance comments	Brad Neuman	03/21/2009 12:50 PM	Library	0
303	Colony	Bug	Fixed	Normal	Bayboard orb and beacons can't be on at the same time	Austin Buchan	03/21/2009 12:48 PM	Autonomous Recharging	0
302	Colony	Enhancement	Fixed	Low	Encoders documentation	Justin Scheiner	03/21/2009 12:50 PM	Library	0
301	Colony	Task	Fixed	Low	Fix analog8.c doxygen comments	Kevin Woo	03/21/2009 12:50 PM	Library	0
298	Colony	Task	Wontfix	Low	Copy old repository to roboclub8	Kevin Woo	03/21/2009 12:47 PM	Administration	0
295	Colony	Task	Fixed	High	Set up email notification on trac	Kevin Woo	03/21/2009 12:47 PM	Administration	0
274	Colony	Task	Fixed	Low	Unit Test Architecture	Brad Neuman	03/21/2009 12:51 PM		0
264	Colony	Task	Worksforme	High	Thought Paper	James Kong	03/21/2009 12:47 PM	Administration	0
241	Colony	Enhancement	Fixed	Low	Video From ColoNet GUI	Greg Tress	03/21/2009 12:48 PM	Autonomous Recharging	0
240	Colony	Task	Fixed	Tabled	delay_ms rewrite	Kevin Woo	03/21/2009 12:50 PM	Library	0
239	Colony	Task	Fixed	Tabled	Port Old Meeting Minutes Over	James Kong	03/21/2009 12:47 PM	Administration	0
237	Colony	Enhancement	Feedback	Tabled	Design Dragonfly Replacement Board		03/21/2009 12:54 PM	Hardware	0
230	Colony	Enhancement	Worksforme	Normal	More Friendly Makefile for Library Work	Brian Coltin	03/21/2009 12:50 PM	Library	0
214	Colony	Enhancement	Fixed	Normal	Wrapper functions for backwards compatability on BOM	Chris Mar	03/21/2009 12:50 PM	Library	0
203	Colony	Enhancement	Wontfix	Low	I2C Multimaster for USI port	Kevin Woo	03/21/2009 12:50 PM	Library	0
202	Colony	Bug	Invalid	High	Analog Port	Kevin Woo	03/21/2009 12:50 PM	Library	0
201	Colony	Task	Invalid	Normal	High Intensity Light Prototype	Terrence Copney	03/21/2009 12:50 PM		0
200	Colony	Task	Wontfix	Normal	Protpe Tricolor Object ID	Andrew Yeager	03/21/2009 12:50 PM		0
199	Colony	Task	Wontfix	Low	Research RFID	Victor Marmol	03/21/2009 12:50 PM		0
183	Colony	Task	Fixed	Normal	Write Encoder Library	Brad Neuman	03/21/2009 12:49 PM	Hardware	0