## Colony

|   |   | 2013   | -10 | )   |    |    | 20 | 13-11 |    |    | 20 | 13-12 | 2  |   | : | 2014 | -1 |   |   | 2 | 2014 | -2 |   |    | 201 | 4-3 |    |
|---|---|--------|-----|-----|----|----|----|-------|----|----|----|-------|----|---|---|------|----|---|---|---|------|----|---|----|-----|-----|----|
|   |   |        | 2   | 43  | 44 | 45 | 4  | 6 47  | 48 | 49 | 50 | 51    | 52 | 1 | 2 | 3    | 4  | 5 | 1 | 6 | 7    | 8  | 9 | 10 | 11  | 12  | 13 |
| 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                   |   | Assign |     |     |    |    |    |       |    |    |    |       |    |   |   |      |    |   |   |   |      |    |   |    |     |     |    |
| Figure out rangefinders group                 |   | Assign |     |     |    |    |    |       |    |    |    |       |    |   |   |      |    |   |   |   |      |    |   |    |     |     |    |
| Complete SURG form                            |   | Assign |     |     |    |    |    |       |    |    |    |       |    |   |   |      |    |   |   |   |      |    |   |    |     |     |    |
| Check/Order robot battery clips               | / | Assign | ed  | 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 ()   |

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