## Colony

|   |   | 2015-7 |       |            |    | 2015-8 |    |    |    | 2015-9 |    |    |    |   | 2015-10 |     |    |    |    | 2015-11 |      |    |    |    | 2015-12 |    |    |  |
|---|---|--------|-------|------------|----|--------|----|----|----|--------|----|----|----|---|---------|-----|----|----|----|---------|------|----|----|----|---------|----|----|--|
|   |   | 28 29  |       | 0 3        | 31 | 32     | 33 | 34 | 35 | 36     | 37 | 38 | 39 | 4 | 0 4     | 1 4 | 12 | 43 | 44 | 45      | 6 46 | 47 | 48 | 49 | 50      | 51 | 52 |  |
| 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                   |   | Assigr |       |            |    |        |    |    |    |        |    |    |    |   |         |     |    |    |    |         |      |    |    |    |         |    |    |  |
| Figure out rangefinders group                 |   | Assigr |       |            |    |        |    |    |    |        |    |    |    |   |         |     |    |    |    |         |      |    |    |    |         |    |    |  |
| Complete SURG form                            |   | Assigr |       |            |    |        |    |    |    |        |    |    |    |   |         |     |    |    |    |         |      |    |    |    |         |    |    |  |
| Check/Order robot battery clips               | 4 | Assigr | ied 5 | <b>0</b> % |    |        |    |    |    |        |    |    |    |   |         |     |    |    |    |         |      |    |    |    |         |    |    |  |
| 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 ()   |