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| Project ICARUS | |  | | --- | | December 5, 2016 | | 2pm | | W.1.72 | |

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| Meeting called by: | Group | Type of meeting: | Team Meeting |
| Facilitator: | Group | Note taker: | Luke Cattle |
| Timekeeper: | N/A |  |  |

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| Attendees: | Ben Peall, Jonathan Balakumar, Chris Gunn, Josh Crawford, Callum Newman, Luke Cattle |
| Please read: | Last week minutes/actions |
| Please bring: | IMU (Luke Cattle) |

## Minutes

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| Agenda item: | IMU Innovation idea | Presenter: | Luke Cattle |

#### Discussion:

Luke to discuss how an IMU can be used to control the Tri tack arm.

#### Conclusions:

It’s possible but difficult, will have to think about dead reckoning and reverse kinematics

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| Action items | Person responsible | Deadline |
| * Look up reverse kinematics, find out if there is software that can do this. | Tri Track Team | N/A |
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| Agenda item: | Pi image processing | Presenter: | Ben Peall, Luke Cattle |

#### Discussion:

Need to talk about what the pi is capable of and what is perhaps required. Does the pi need image recognition software to find the black box?

#### Conclusions:

Yes, there needs to be a camera attached to the pi for two capabilities, the black box and the valve.

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| Action items | Person responsible | Deadline |
| * Take a photo on the camera using the pi | Luke Cattle | 12/12/16 |
| * Look into pi cam software for image processing | Ben Peall | 12/12/16 |
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## Other Information

#### Observers:

N/A

#### Resources:

N/A

#### Special notes:

N/A