# Camera

Progress:

* camera arrived on second week after the project start (7 Oct 2011)
* try to communicate to the camera

Problem:

* seems that the camera is faulty

Plan:

* seeking replacement
* while we are waiting, we assign other task to members who was working on the camera

# Acquire Dummy Payload Schematic Part

Progress:

* Delivered
* Under construction

Problem:

* Some delay of the order

Plan

* Continue working on it

**Acquire final payload microcontroller**

Progress

Problem:

* Depend on image encoding method

Plan

* Working with the payload with a dummy data
* When the camera ready we will connect it to this microcontroller

Autopilot and base station

Progress

* We received it on the second week
* we can communicate both way with the auto pilot

Problem:

* Don’t find any yet

Plan

* Continue to get a set of data out

# Communication to the camera

Progress

* Exploring cameras

Problem

* Camera faulty

Plan

* Seeking camera replacement

# Payload controller to camera module communication

Progress

Problem

* Depend on the camera

Plan

* Make the payload work by using a dummy data
* Then when the camera is ready we can connect the camera to it
* -raw image encoding payload controller – we are trying to get the raw image into a byte and try to decode and get the image out of the array of byte.

# Raw image encoding payload controller implementation

Progress

Problem

* Depend on camera module

Plan

* Wait for the camera module to finish

# Custom Encoding

Progress

* Basic FFT working

Problem:

Plan:

* Continue working on it

# TCP/IP basic dummy server communications & Communications from base station to autopilot payload

Progress:

* can receive and display data
* can send command as well

Problem:

* Don’t find any yet

Plan

* Continue working on it

# Communications from base station to autopilot payload

Progress:

* Constructing

Problem:

Plan

* Finish construct and make it work