* PCB Design
  + Arm wrist board
  + Review designs in progress
  + Generate up to date bills of materials
* Interconnects / Wiring
  + Define and document data & power pinouts
  + Complete rover wiring harness diagram
  + Locate 2 pair STP with drain wire
  + Find DGR24 wiring solution
  + Design and document base station wiring solutions
* Prototyping & Test
  + Measure RF spectrum of FM video TX on CH1 and report findings
  + Complete RS-485 termination testing and report findings
  + Create basic motor control system for chassis testing
  + Prototype and test video leveling amplifier prototype
  + Prototype 960MHz power detector
  + Prototype and test hall effect encoder input circuitry
* Firmware
  + Review 2011 firmware and modify relevant modules for reuse if necessary
  + Define and document the rover serial communications protocol
  + Write a complete rover serial communications protocol that can be implemented on AVR XMEGA MCU
  + Troubleshoot AX-12 baudrate issue
  + Diagram and document all software functionality
* Base Station
  + Design and document base station equipment power supply solution