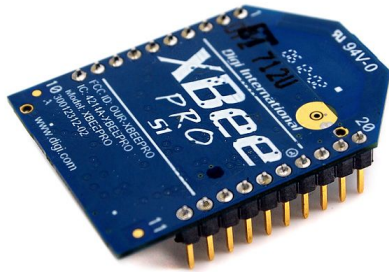


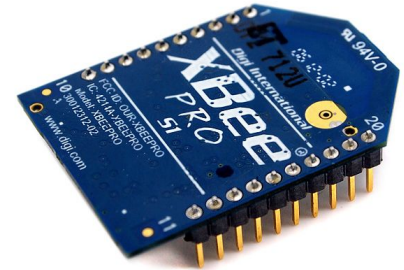
# Networking Preliminary Design Review



Ernesto Lorenzo  
Demosthenes Kaeo Villa

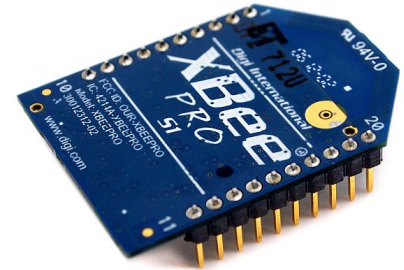
# Overview

- Issues Encountered
- Progress
- Updated Schedule



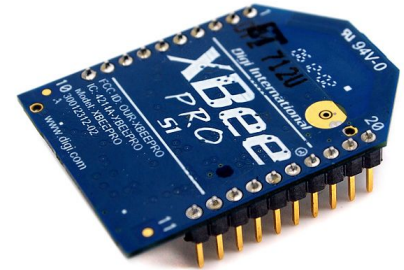
# Issues Encountered

- Sold out XBee Pro S2B
  - Broken SMA Connector
- Inconsistent testing conditions
  - Traffic
  - Weather



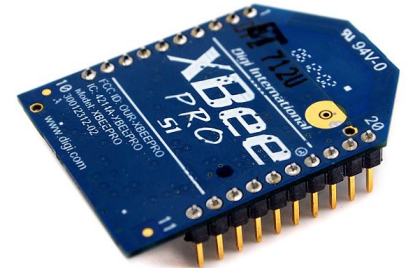
# Progress

- XBee Ranges found at different times of the day
- Comparison of different antennas
  - Duck Antenna, Wire Antenna, Antenna Extension
- Possible solution for out of stock XBee Pro S2B
  - Ordered male SMA connectors
  - Researched different XBee modules with RPSMA or u.FL antennas



# Updated Schedule

- *Rest of March:*
  - Find solution to sold out XBee Pro S2B problem
  - Test in different weather conditions
- *April:*
  - Python Package 2.2.3



Thank You!!