1. Read: “NASA Space-to-Space Communications System” <http://www.nasa.gov/pdf/384149main_SSCS_case_study.pdf>

For this NASA case study, prepare to *discuss* the third step in DMAIC, Analyze (**do not turn this in**):

Analyze a specific problem (you may reuse problem identification and measures from HW10).

* + Identify causes: why is this happening?
  + Identify potential root causes; describe cause and effect to justify your identification

2. For your selected case study, submit a draft of your “Measure” section (see Syllabus).

Measure the Problem

* + Clearly restate the problem you are addressing
  + Determine appropriate *measures* to *validate* the problem definition, which are also to be used to show any solutions are effective
  + *Collect* baseline data on the selected problem (you may have to fictionalize the data)
  + Validate the problem based on the data (make sure the data backs up the problem definition)