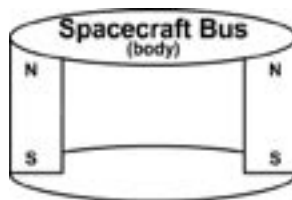


Worksheet 3.1

Name: _____

Date: _____

1. Draw a design of your magnetometer (instrument to measure a magnetic field) system, which will measure the interplanetary magnetic field (IMF). Your magnetometer has to be attached in some way to the spacecraft bus, drawn for you below. Indicate what materials you will use on your design.



2. Write down why you designed the magnetometer experiment the way you did. Why did you choose particular materials? Why did you put the magnetometer where you did?