# 3322-9965

Hubble telescope, current time, above earth.

## Tasking:

Move to the optimum position/location and describe the target focussed on in the photograph – the Hubble telescope.

# Additional feedback

**www.nasa.gov/centers/jpl/missions/wfpc2.html**

Hubble orbits 600 kilometers (375 miles) above Earth, working around the clock to unlock the secrets of the Universe. It uses excellent pointing precision, powerful optics, and state-of-the-art instruments to provide stunning views of the Universe that cannot be made using ground-based telescopes or other satellites.

Hubble was originally designed in the 1970s and launched in 1990. Thanks to on-orbit service calls by the Space Shuttle astronauts, Hubble continues to be a state-of-the-art space telescope.

Hubble's accomplishments are extraordinary. For example, before Hubble, distances to far-off galaxies were not well known. Questions about how rapidly the universe is expanding, and for how long, created great controversy.

Hubble's discoveries have changed all of that.

» Every day, Hubble delivers between 10 and 15 gigabytes of data to astronomers all over the world. This has created a data archive of over 10 terabytes.
» Taken more than 400,000 separate observations.
» Hubble has observed more than 25,000 astronomical targets.
» Hubble has provided data for thousands of scientific papers.
» Circling the Earth about once every 95 minutes, Hubble has traveled over 3 billion miles.