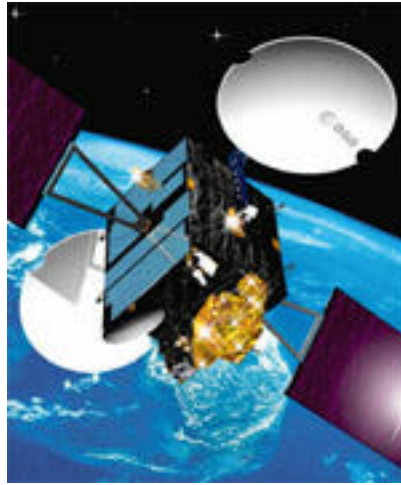


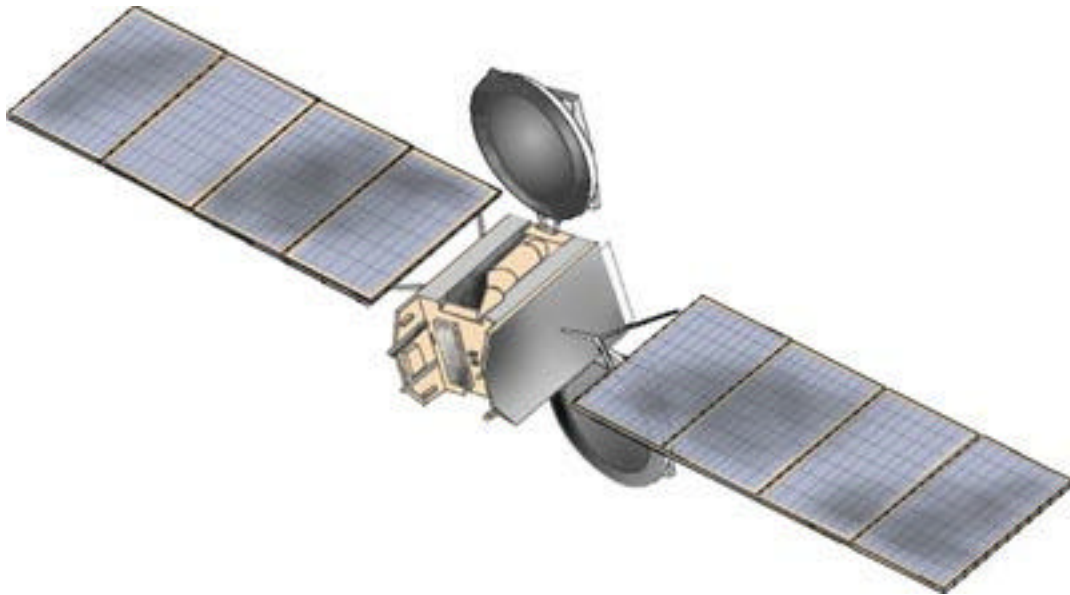
## Satellite Mobiles Activity Sheet: Pictures of Satellites



ARTEMIS Communication Satellite

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### **Echo Star 3**

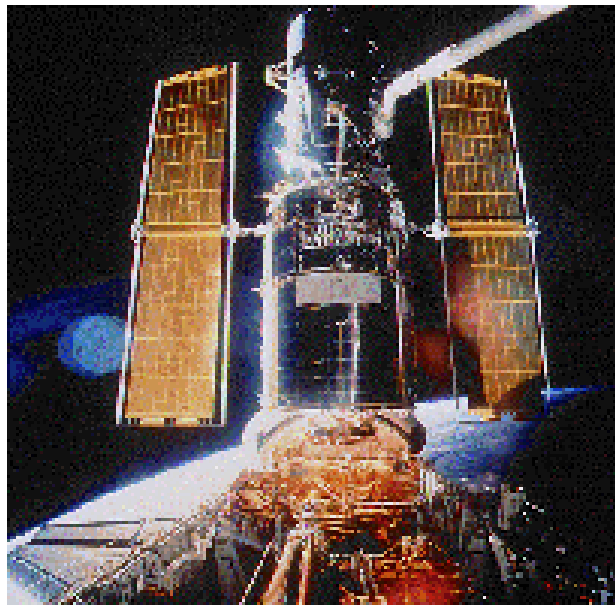


This is a communications satellite called EchoStar 3. It's used to send TV signals to homes in North America. Today, there are more than 100 communications satellites orbiting Earth.



ASTRA 1A Satellite

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Hubble Space Telescope

For more information on the Hubble Space Telescope, visit the following website:  
<http://www.discovery.com/area/specials/hubble/hubble1.html>

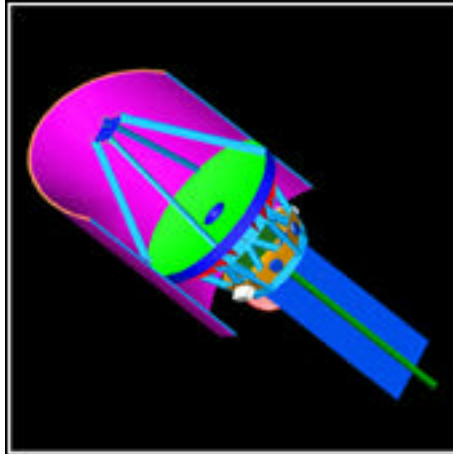


The Goddard Space Flight Center-led team developed this lightweight design for NGST.

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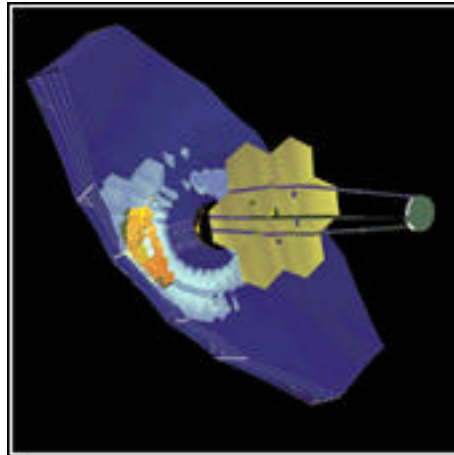


This design by Ball Aerospace features four widely separated sunshields that are effective in reducing the temperature of the telescope optics and the science instrument compartment.



This Lockheed-Martin design emphasizes simplicity and features a monolithic, 20-foot-wide (6 meters) primary mirror and rings of metal shields.

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Based on a proven technology for deploying large microwave antennae, the TRW design uses six hexagonal mirrors (10 feet or 3 meters between edges), which are stacked above a seventh central hexagonal mirror and are deployed and locked once the spacecraft reaches the L2 orbit.

