



# Sally Ride EarthKAM Flowchart



## Middle School Students

Middle school students use website to submit image requests and access images.

image requests

images



## www.earthkam.ucsd.edu

Website provides information and curriculum that support Sally Ride EarthKAM and allows teachers to register and participate in missions.



## Sally Ride EarthKAM on the International Space Station

## University of California, San Diego

Home of Sally Ride EarthKAM Mission Operations Center (MOC). MOC processes image requests and sends them to NASA's Mission Control.



## EarthKAM Camera

Camera captures requested images and downlinks them to NASA's Mission Control.

images

CCF

enhanced images



## Jet Propulsion Lab

Processes Sally Ride EarthKAM images and manages image archive.

CCF

images



JOHNSON  
SPACE  
CENTER

## Johnson Space Center

Uplinks camera control files for processing by Sally Ride EarthKAM flight software.

CCF = Camera Control File