TIME AND NAVIGATION
From Chronometers to GPS

A major new exhibition
at the Smithsonian’s National Air and Space Museum
National Air and Space Museum

World’s showcase of aerospace technology

7 million visitors per year

Rare opportunity to replace a 5,000 square-foot gallery

4.6 million website visitors per year

Unique collaboration between two Smithsonian museums:

*National Museum of American History* and *National Air and Space Museum*
Introduction
If you want to know where you are, you need an accurate clock.

Navigating at Sea
Learn how mariners were lost at sea without clocks.

Navigating in the Air
See how aviators adapted maritime techniques and took to the skies.

Navigating in Space
Meet the navigators who guide spacecraft across the solar system.

Inventing Satellite Navigation
Encounter the inventors who put clocks in satellites to locate points on Earth.

Navigation for Everyone
Discover the role of time and navigation in your life.
Unique artifacts and activities will demonstrate three major themes:

- If you want to know where you are, you need an accurate clock.
- For centuries, nations have invested enormous resources to determine time and place.
- Precise timekeeping and navigation change our view of the world.

Bird’s-Eye View

Highlights include:
- A walk-through 19th-century sailing vessel
- A submarine navigation center
- Navigation satellites
- A modern aircraft
- A robotic vehicle
Schedule

August 2009  
Funding commitments in place

2009-2012  
Payments made  
(Payment schedules will be customized)

Exhibition development and installation; web presence

November 2012  
Exhibition opens with private gala and public celebration

Budget

$3.65 million  
Total budget requirement

$2.65 million  
Now committed, from aerospace and government sources

Join in this major exhibition
Currently Committed Donors

Northrop Grumman
ITT Corporation
DOT/PNT/NOAA
Honeywell
Rockwell Collins
TIME AND NAVIGATION

Educational Outreach

Takes content beyond the gallery walls to enrich classroom and on-line visitor experiences. Examples from current exhibitions are shown below.

Online exhibition activities will be featured on the websites of both museums.

Family Day events are free and open to the public.

Educational publications meet national standards.
TIME AND NAVIGATION

Educational Programs

See yourself in a storyline.
Engage with real artifacts...
...and real stories about real people.
Learn more at Discovery Stations.