



Smithsonian Institution Archives

Space Telescope History Project  
Records, circa 1959-1987

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## Collection Overview

<b>Repository:</b>	Smithsonian Institution Archives, Washington, D.C., <a href="mailto:osiaref@si.edu">osiaref@si.edu</a>
<b>Title:</b>	Space Telescope History Project Records
<b>Identifier:</b>	Accession 95-122
<b>Date:</b>	circa 1959-1987
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<b>Creator::</b>	National Air and Space Museum. Department of Space History
<b>Language:</b>	English

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## Administrative Information

### Preferred Citation

Smithsonian Institution Archives, Accession 95-122, National Air and Space Museum.  
Department of Space History, Space Telescope History Project Records

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## Descriptive Entry

This accession consists of records created and maintained by Robert W. Smith, Historian of the National Air and Space Museum, Department of Space History. The records document the Space Telescope History Project (STHP), which led to a publication of the same title. Materials include minutes of meetings, schedules, photographs, publicity materials of the manufacturers, background material, newspaper clippings, newsletters, brochures, records transmittal forms, and correspondence.

### **Abbreviations** (See also Master Acronym List in Box 14)

AO - Announcement of Opportunity

AXAF - Advanced X-Ray Astrophysics Facility

ESA - European Space Agency

FOC - Faint Object Camera

FOS - Faint Object Spectrograph

GSFC - Goddard Space Flight Center

GTO - Guaranteed Time Observers

HSP - High Speed Photometer

HST - Hubble Space Telescope

IDT - Instrument Definition Team  
LMSC - Lockheed Missiles and Space Company, Inc.  
LST - Large Space Telescope  
MOWG - Management Operations Working Group  
MSFC - Marshall Space Flight Center (Huntsville, AL)  
O&MWG - Operations and Management Working Group  
O'Dell - Robert O'Dell, Project Scientist  
PE - Perkin Elmer  
PTIT - Planetary Target Implementation Team  
QEH - Quantum Efficiencies Hysterisis  
SIRTF - Space Infrared Telescope Facility  
SOT - Solar Optical Telescope  
SSB - Space Science Board (ESA)  
ST - Space Telescope  
STAC - Space Telescope Advisory Committee  
STHP - Space Telescope History Project  
STScI - Space Telescope Science Institute (Johns Hopkins, Baltimore, MD)  
SWG - Science Working Group  
USRA - Universities Space Research Association, Columbia, MD  
WFPC - Wide Field Planetary Camera  
WG - Working Group

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## Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

**Subjects:**

Astronautical museums

**Types of Materials:**

Black-and-white photographs  
Brochures  
Clippings  
Color photographs

Drawings  
Manuscripts  
Newsletters

Names:

Smith, Robert W. (Robert William), 1952-  
Space Telescope History Project (U.S.)

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- Box 3 of 15 M. Pascuito and J. Levy, System Level Assessment of Science Operational Flexibility in ST
- Box 3 of 15 ST Mission Operations Requirements, vol. 3, 1980 (2 folders)

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Box 6 of 15 ST Wall Street Journal

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Box 6 of 15 Thornton L. Page, "Geophysical-Astrophysical Lunar Telescope," 1984

Box 6 of 15 J. L. Pipher, "Infrared Astronomy on the Hubble Space Telescope," 1984

Box 6 of 15 Jane L. Russell, "Prospects for Space Telescope in the Search for Other Planetary Systems," 1984

Box 6 of 15 T. J. Sherrill, "ST Mission Planning"

Box 6 of 15 F. P. Simmons, LST-A New Tool for Science, 1974

Box 6 of 15 S. Fred Singer, "Manned Labs in Space," 1969

Box 6 of 15 Sobieski and Wampler, eds. "Advanced Electro-Optical Imaging Techniques," 1972

Box 6 of 15 Lyman Spitzer, "The Space Telescope"

Box 6 of 15 Mark Trueblood, "The Space Telescope Payload Operations Control Center," 1984

Box 6 of 15 Stardust (NCA), "Trueblood to Describe Liberalized HST Allocations"

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Box 6 of 15 "Significant Achievements in Space Astronomy, 1958-1964," NASA

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Box 6 of 15 Edward Coyne, "Genesis of a Space Astronomy Program in NASA," 1965

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- Box 9 of 15                    NAS Scientific Uses of the Space Shuttle, 1974
- Box 9 of 15                    Astronomy and Astrophysics for the 1980s, vol. 1, Draft, NAS, NRC
- Box 9 of 15                    NAS/SSB - An International Discussion of Space Observatories, 1976
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- Box 10 of 15                      NASA Astrophysics Division - "The Great Observatories for Space Astrophysics"
- Box 10 of 15                      Albert A. Teich, "Coordination of US Research Programs: Executive and Congressional Roles"
- Box 10 of 15                      Congressional Record
- Box 10 of 15                      "Report of the ST Science Program Implementation Committee"
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Box 11 of 15                    Robert Smith, Talk at STScI, "The STHP"

Box 11 of 15                    STHP - Weiler Report, Prepared by Tatarewicz and Smith, 6/1984

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- Box 11 of 15                    Robert A. Brown, Planetary Tracking Materials, 12/13/1985
- Box 11 of 15                    Margaret E. Burbidge, OHI
- Box 11 of 15                    John J. Caldwell, Papers Donated re: R. E. Danielson NSF Theoretical Planetary Physics, 1973-1977
- Box 12
- Box 12 of 15                    John T. Clarke, "HST Status of Capabilities for Tracking Moving Targets"
- Box 12 of 15                    R. G. Davis, et al., "Astronomic Telescope in Space," Astronautical Sciences Review, 1959
- Box 12 of 15                    George Field, "Astrophysics in Space, A Program for the 1980s"
- Box 12 of 15                    Alan Goldberg, OHI
- Box 12 of 15                    Donald P. Hearsh, NASA Project Management Study, 1/1981
- Box 12 of 15                    M. W. Hunter, "The Modern Pursuit of Scientific Curiosity," 4/1976
- Box 12 of 15                    J. Warren Keller, OHI
- Box 12 of 15                    Kitt Peak Space Division
- Box 12 of 15                    Kitt Peak
- Box 12 of 15                    Frank K. Edmondson, Notebook Kept at NAS/SSB Summer Study, Iowa City, Iowa, 1962
- Box 12 of 15                    Frank K. Edmondson, Materials from Trip to Huntsville re: AURA Space Telescope, 8/1959
- Box 12 of 15                    Frank K. Edmondson, Associate Director for KPNO Space Division, 11/1961
- Box 12 of 15                    KPNO - "Report on the 50-inch Space Telescope," 1960
- Box 12 of 15                    KPNO Space Division, "A Proposed Program for an Orbiting Astronomical Explorer," 1/1966
- Box 12 of 15                    A. B. Meinel, "Preliminary Studies for Large Aperture Orbital Telescope," 1959 (2 folders)



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- Box 12 of 15 AURA Budget Requirements, ST, FY 1960-FY 1961
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- Box 12 of 15 KPNO - "Research, Design, and Construction Leading to a Large Aperture Orbiting Telescope," 6/1961
- Box 12 of 15 Nidey, "Aspect Sensing, Astrostat Design, and Orientation Control in Space Research," 1959
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- Box 12 of 15 Jeffrey D. Rosendahl, "MOWG in Shuttle Astronomy - Working Materials"
- Box 12 of 15 Jeffrey D. Rosendahl, "Space Telescope Presentation Charts and Popular Materials"
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Box 12 of 15	ST Mass properties
Box 12 of 15	Standard vs. Optional Services
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Box 13 of 15	ST Day 2 Deploy
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Box 13 of 15 ST CDR Meeting, 3/16-17/1982

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Box 13 of 15 ST SSE Package

Box 13 of 15 IRAs, McCandless

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Box 13 of 15 HST Payload Integration Plan (PIP) from R. Swalin

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Box 13 of 15 Crew Systems Section - HST EVA Tool Development from Havens, 1986

Box 14

Box 14 of 15 T. J. Sherrill, BIO/CRS

Box 14 of 15 Sherrill

Box 14 of 15 Clark Chapman, OHI

Box 14 of 15 NAS/SSB, Meeting attended by JNT and RWS, 11/1984

Box 14 of 15 NAS/SSB, Meeting attended by JNT and RWS, 5/1984

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Box 15 of 15	HST Glossy Booklet and Other Materials
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