# Table of Contents

Collection Overview ........................................................................................................ 1
Administrative Information .............................................................................................. 1
Historical Note.................................................................................................................. 1
Descriptive Entry.............................................................................................................. 1
Names and Subjects ......................................................................................................... 2
Container Listing ........................................................................................................... 3
Collection Overview

Repository: Smithsonian Institution Archives, Washington, D.C., osiaref@si.edu
Title: Development and Operation Records
Identifier: Record Unit 356
Date: circa 1957-1989
Extent: 14 cu. ft. (14 record storage boxes)
Creator: National Air and Space Museum. Albert Einstein Planetarium
Language: English

Administrative Information

Preferred Citation
Smithsonian Institution Archives, Record Unit 356, National Air and Space Museum. Albert Einstein Planetarium, Development and Operation Records

Historical Note
In 1974 the Presentation and Education Division at the National Air and Space Museum was organized to develop and implement educational programs and operate the theater and planetarium planned for the new museum, then being built. A thirty-foot domed planetarium, called the Experimentarium, went into operation in the Arts and Industries Building to serve as a trial ground for the seventy-foot structure being planned. In 1975 the Federal Republic of Germany gave the United States, as a Bicentennial gift, a Zeiss planetarium projector for the planetarium. The planetarium was dedicated as the Albert Einstein Spacearium and opened in July 1976.

Von Del Chamberlain served as Chief of the Presentation and Education Division, 1974-1978, and Charles G. Barbely was Planetarium Officer, 1976-1978. In 1978, Presentation and Education was divided, with the Planetarium remaining with Presentation under Von Del Chamberlain until 1980. In that year the Planetarium became independent and the position of chief was vacant. In 1981 the Planetarium was placed under the Exhibits and Presentation Division, with Richard D. Crawford as Chief and Thomas H. Callen, II, as Chief of the Planetarium Unit. James H. Sharp served as Chief of the unit, 1983-. Since 1983, the Planetarium has been moved around the administrative hierarchy a number of times, from Space Science and Exploration, to Museum Operations, to Exhibits and Production Operations, and finally to Interpretive Programs, 1989-.

Descriptive Entry
This record unit consists of administrative records, such as reports, correspondence, and attendance records, in addition to records concerning each show, such as scripts, correspondence, and proposals.
The actual audio and video tapes are in Record Unit 520. Material from the 1950s and 1960s concerns a proposed Washington Planetarium.

---

**Names and Subject Terms**

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

**Subjects:**
- Aeronautical museums
- Planetariums

**Types of Materials:**
- Manuscripts

**Names:**
- Arts and Industries Building (Washington, D.C.)
- Barbely, Charles G.
- Callen, Thomas H., II
- Chamberlain, Von Del
- Crawford, Richard
- National Air and Space Museum (U.S.). Albert Einstein Spacearium
- National Air and Space Museum (U.S.). Assistant Director for Interpretive Programs
- National Air and Space Museum (U.S.). Presentation and Education Division
- Sharp, James H.

**Geographic Names:**
- Germany (West)
**Container Listing**

**Box 1**

- Box 1 of 14  
  Weekly Reports
- Box 1 of 14  
  Incoming correspondence
- Box 1 of 14  
  Inquiries
- Box 1 of 14  
  General Correspondence
- Box 1 of 14  
  FY 1979 Budget
- Box 1 of 14  
  Heavy Water Light Show
- Box 1 of 14  
  Worlds of Tomorrow
- Box 1 of 14  
  Exploring Space With Astronauts

**Box 2**

- Box 2 of 14  
  Guggenheim Lectures
- Box 2 of 14  
  IPS Conference
- Box 2 of 14  
  Worlds of Tomorrow
- Box 2 of 14  
  ISPE 1978 Correspondence
- Box 2 of 14  
  Attendance Reports (for the Spacearium)
- Box 2 of 14  
  Whitcomb Lecture
- Box 2 of 14  
  Loan Agreements
- Box 2 of 14  
  GAT-1 Rides
- Box 2 of 14  
  Weekly Reports
- Box 2 of 14  
  Annual Report
- Box 2 of 14  
  Budget
- Box 2 of 14  
  Attendance Reports
- Box 2 of 14  
  General Correspondence
- Box 2 of 14  
  Federal Budget
Box 2 of 14
- Proposed Shows
- Program Review
- Iteration of ZBB
- Martin Communications
- Goto Planetarium Instrument
- Incoming Correspondence
- SI Year 1979
- Guggenheim Lectures 1979
- Audiotapes of the Opening, Gilbane Tapes, and Unknown (from box 5)

Box 3
- Visitors' Reactions to the National Air and Space Museum and the Individual Exhibits, Volume I: Management Summary, November 1977
- Visitors' Reactions to the National Air and Space Museum and the Individual Exhibits, Volume II: Detailed Findings, November 1977
- Slides
- Contract/Construction Information: 1 PL SYS
- Contract/Construction Information: 2 Pack re: Viewflex
- Contract/Construction Information: 3 Spitz Laboratories
- AV Production Officer
- Contract/Construction Information: 4 Viewflex Responsibility to Ad for Bids
- Contract/Construction Information: 6 Spitz Response to Ad for Bids (abridged)
- Contract/Construction Information: 7 Experimentarium Dome
- Personal Contracts
- Spitz Laboratories
- Contract/Construction Information: 8 Miscellaneous
- Barbely, Charles G.
- Sky Projection System
Box 3 of 14  Pay Invoices
Box 3 of 14  Associates
Box 3 of 14  Planetarium Literature
Box 3 of 14  Albert Einstein Planetarium Brochures
Box 3 of 14  Electrosonic
Box 3 of 14  Spitz Laboratories
Box 3 of 14  Lovelight: A Laser Musical (includes audio cassettes)
Box 3 of 14  Laser Show Information
Box 3 of 14  Model Juno/Saturn Automatic Planetarium Instrument
Box 3 of 14  Model Juno/Saturn Automatic Planetarium Expressly Designed for Museum of Natural History
Box 3 of 14  Laser Show and Planetarium Show Information
Box 3 of 14  Laser Show Information
Box 3 of 14  Deutsches Museum Brochure
Box 3 of 14  Stationary for Washington Planetarium and Space Center
Box 3 of 14  Washington Planetarium and Space Center Brochure
Box 3 of 14  Laserium Information
Box 3 of 14  Washington Building Congress Bulletin, 1966
Box 3 of 14  Albert Einstein Spacearium Equipment Information
Box 3 of 14  Pre-Experimentarium: Viewflex Drawings and Blueprints, 1971
Box 3 of 14  Pre-Experimentarium: Spitz Drawings and Blueprints, 1971
Box 3 of 14  Manuscript: Man and Cosmos, 1974
Box 3 of 14  Zeiss Planetarium Projector Model VI

Box 4

Box 4 of 14  Pre-Spacearium Material, 1957, 1960
Box 4 of 14  Pre-Spacearium Material, 1961
Box 4 of 14  Pre-Spacearium Material, January to June 1962
Box 4 of 14  Pre-Spacearium Material, 1962
Box 4 of 14  Pre-Spacearium Material, 1963
Box 4 of 14  Pre-Spacearium Material, January to April 1964
Box 4 of 14  Pre-Spacearium Material, May to December 1964
Box 4 of 14  Pre-Spacearium Material, January to July 1965
Box 4 of 14  Pre-Spacearium Material, August to December 1965
Box 4 of 14  Pre-Spacearium Material, 1966
Box 4 of 14  Pre-Spacearium Material, 1967
Box 4 of 14  Pre-Spacearium Material, 1968
Box 4 of 14  Pre-Spacearium Material, 1969
Box 4 of 14  Pre-Spacearium Material, 1970
Box 4 of 14  Pre-Spacearium Material, 1971
Box 4 of 14  Information from Other Planetariums
Box 4 of 14  Drawings: Experimentarium
Box 4 of 14  Experimentarium/Spacearium: Correspondence and Planning Information
Box 4 of 14  Experimentarium/Spacearium: Brochures
Box 4 of 14  Cosmic Windows Forms
Box 4 of 14  Lectures and Plans for Shows
Box 4 of 14  Contract/Construction Information: 5 Finished Zoom
Box 4 of 14  Noise Control in Planetarium
Box 4 of 14  Harold Durgin NASM Telescope
Box 4 of 14  Monthly Sky Lectures
Box 4 of 14  Einstein Film
Box 4 of 14  Experimentarium/Spacearium: Brochures
Box 4 of 14  A. L. Weisbrich N2 Dome, Balloon Generator, DRS
Box 4 of 14  Negatives of Zeiss Installation, Gyrosystems Installation, Stockhausen Concert, Spaceareium Charter Document

Box 5

Box 5 of 14  Administrative Files of the NASM (National Air and Space Museum) Planetarium, FY 1985

Box 6

Box 6 of 14  Consists of an addition to the records of the Planetarium, NASM, mainly administrative files.

Boxes 7-11

Boxes 7-11 of 14  Records document the following projects: Copernicus Symposium, Outlook for Space, United States in the World, Kin and Communities, and the Einstein Centennial. Materials include correspondence with participants; information on the ceremonies, planning, budget; publications, articles, papers, newspaper clippings, and transcripts; photographs and color slides.

Box 12

Box 12 of 14  Worlds of Tomorrow
Box 12 of 14  Worlds of Tomorrow Automation I & II
Box 12 of 14  Worlds of Tomorrow Sound-Music
Box 12 of 14  Son of Cosmic Awakening
Box 12 of 14  Worlds of Tomorrow Narration
Box 12 of 14  Worlds of Tomorrow Production
Box 12 of 14  Cosmic Awakening II
Box 12 of 14  Cosmic Awakening Computer Cues
Box 12 of 14  Cosmic Awakening Contracts
Box 12 of 14  Cosmic Awakening
Box 12 of 14  Cosmic Awakening
Box 12 of 14  Cosmic Awakening Narration
Box 12 of 14  Cosmic Awakening Music
Box 12 of 14  Cosmic Awakening Sound
Box 12 of 14  Symphony of the Satellites
Box 12 of 14  Moon Journeys
Box 12 of 14  Moon Journeys - Symphony of the Satellites - Film Dupes

Box 13

Box 13 of 14  New Eyes Other Languages
Box 13 of 14  New Eyes Timing
Box 13 of 14  New Eyes Automation Milestones Sheets
Box 13 of 14  Image Placement Data Sheets - Photo & Tech Data Sheets
Box 13 of 14  Cosmic Windows - Third Production Narration
Box 13 of 14  New Eyes on the Universe Narration
Box 13 of 14  New Eyes Automation
Box 13 of 14  Cosmic Windows Narration
Box 13 of 14  Cary Ratcliff
Box 13 of 14  Sounds Reasonable, Inc.
Box 13 of 14  CSE Studios
Box 13 of 14  Cosmic Windows Sound Effects
Box 13 of 14  General Spacearium Soundtrack Information
Box 13 of 14  Cosmic Windows Music
Box 13 of 14  NASM Completed Release Forms New Eyes Musicians
Box 13 of 14  Automation Milestones Sheets Automation Notes
Box 13 of 14  Automation Command Sheets
Box 13 of 14  Automation System
Box 13 of 14  NASM "Probe" Performers' Releases (originals)
Box 13 of 14  Spacearium IV Sound Studio
Box 13 of 14  Spacearium IV Narration
Box 13 of 14  Spacearium IV Composition
Box 13 of 14  Voyager Record
Box 14

Box 14 of 14  Barbely Timings
Box 14 of 14  Cosmic Awakening Japanese
Box 14 of 14  Cosmic Awakening German
Box 14 of 14  Cosmic Awakening Spanish
Box 14 of 14  Probe
Box 14 of 14  Probe Voyager Record Materials: Greetings
Box 14 of 14  Probe Voyager Record Materials: Sound Effects
Box 14 of 14  Probe Voyager Record Materials: Music
Box 14 of 14  Probe Voyager Record Materials: Images
Box 14 of 14  Probe Timing Sheets; Some SFX Sheets; & Dummy Console Pictures
Box 14 of 14  Cosmic Windows - Third Show: Outline
Box 14 of 14  Cosmic Windows - Storyboard
Box 14 of 14  1979 Show
Box 14 of 14  Probe: Automation Milestones Sheets
Box 14 of 14  Cosmic Awakening; Moon Journeys; Symphony of the Satellites (black binder)