



Smithsonian Institution Archives

Development and Operation
Records, circa 1957-1989

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Smithsonian Institution Archives
Washington, D.C.
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Collection Overview

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| 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

Box 2 of 14 Program Review

Box 2 of 14 Iteration of ZBB

Box 2 of 14 Martin Communications

Box 2 of 14 Goto Planetarium Instrument

Box 2 of 14 Incoming Correspondence

Box 2 of 14 SI Year 1979

Box 2 of 14 Guggenheim Lectures 1979

Box 2 of 14 Audiotapes of the Opening, Gilbane Tapes, and Unknown (from box 5)

Box 3

Box 3 of 14 Visitors' Reactions to the National Air and Space Museum and the Individual Exhibits, Volume I: Management Summary, November 1977

Box 3 of 14 Visitors' Reactions to the National Air and Space Museum and the Individual Exhibits, Volume II: Detailed Findings, November 1977

Box 3 of 14 Slides

Box 3 of 14 Contract/Construction Information: 1 PL SYS

Box 3 of 14 Contract/Construction Information: 2 Pack re: Viewflex

Box 3 of 14 Contract/Construction Information: 3 Spitz Laboratories

Box 3 of 14 AV Production Officer

Box 3 of 14 Contract/Construction Information: 4 Viewflex Responsibility to Ad for Bids

Box 3 of 14 Contract/Construction Information: 6 Spitz Response to Ad for Bids (abridged)

Box 3 of 14 Contract/Construction Information: 7 Experimentarium Dome

Box 3 of 14 Personal Contracts

Box 3 of 14 Spitz Laboratories

Box 3 of 14 Contract/Construction Information: 8 Miscellaneous

Box 3 of 14 Barbely, Charles G.

Box 3 of 14 Sky Projection System

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|-------------|--|
| 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 |

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| 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, Spacearium 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

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|--------------|---|
| 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

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| 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) |