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Budget Justification: Congress (~~1967~~) (1967)

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*Smithsonian*

# SMITHSONIAN INSTITUTION

Budget Justifications for the Fiscal Year 1967

Submitted to the Committees on Appropriations  
Congress of the United States

January 1966

The variety and difficulty of the problems involved in running this office is indicated in the enclosed "Partial Listing," by subject matter, covering the last three years only, which I prepared for an Executive Committee meeting last December. If any member of that Committee has read this document, which I doubt, he would grasp immediately why the specific matters in which he is interested constantly compete for immediate attention with critical matters generated by the other clients of this office. A few matters just go away, in time (thank God), but none are ignored.

Also enclosed is a list of the major clients of this office, arranged in groups that have some common concerns, from our point of view. This is not simply a rehash of the SI organization chart: every one of these sixty-six internal units has generated significant legal problems in the recent past. The same is true of the outside clients, although the number would be in the hundreds if I had the time to count the individual clients from the Congress, donors, and foundations (in my haste I seem to have left out the OMB).

These clients include individuals at every level of wealth or authority, short of the President and the Queen, with whom I have had to deal on a one-to-one basis as your representative. Pervading many of the specific issues are the most difficult, basic, and sometimes irreconcilable questions about the nature of the Smithsonian and its relations with government, organizations, and individuals. In these matters I frequently have the responsibility of giving definitive answers to you and the Board of Regents, a terminal responsibility which is inherent in the nature of this position.

In addition, there have been many odd jobs that have fallen upon me simply because there was no one else to do them: the initial organization of the Smithsonian Bicentennial, the Associates, and the Commons are a few examples. The most important of these, the organization and chairmanship of the International Centre Committee (raising \$100,000 for the Williamsburg Conference on Conservation and the Traveling Summer School for Restorationists) occurred because a year and a half elapsed between the retirement of Frank Taylor and the appointment of Paul Perrot. Virtually without exceptions, this has been a history of success, reflecting immense credit on the Smithsonian and yourself, without whose support, approval, and encouragement nothing would have happened.

## S. I. DISTRIBUTION LIST

F. Y. 1967 Budget Submission to Bureau of the Budget

<u>Office of the Secretary</u>	<u>Bureaus</u>	<u>Administrative support</u>
Berg	Collins	Greeson
Blitzer	Johnston	Huffer
Bradley	Klein	Kennedy
Budget staff (4)	Magruder	Lindsay
Campbell	Moynihan	Martin
Galler	Nagel	Michaels
Mason	Pope	Oehser
Mitchell	Scott	Wilding
Powers	Whipple	
Ripley		
Ritterbush		
Sec. Files		
Taylor, T. W.		
Warner		
Whitelaw		
(Asst. Sec. , Humanities & Art)		

U. S. National MuseumNZP

<u>MHT</u>	<u>MNH</u>	
(Director)	Buechner	Reed
Anglim	Byrd	
Bishop	Clarke	
Howland	Cooper	
Multhauf	Cowan	
Olin, C.	Humphrey	
Peterson	Squires	
Taylor, F.A.	Stern	
Weiss	Stewart	
	Switzer	
	Wallen	
	Woodbury	

## cc distribution list:

Mr. Ripley	Dr. T. W. Taylor
Mr. Bradley	Sec. Files
Mr. Galler	Budget Division
Mr. Mason	



## Clients of the Office of the General Counsel

### Museums:

11

Anacostia Neighborhood Museum  
Cooper-Hewitt Museum  
Freer Gallery of Art  
Joseph H. Hirshhorn Museum  
National Air and Space Museum  
National Armed Forces Museum Advisory Board  
National Collection of Fine Arts  
National Museum of History and Technology  
National Museum of Natural History  
National Portrait Gallery  
National Zoological Park

### Scientific Research Units:

6

Center for the Study of Man  
Chesapeake Bay Center for Environmental Studies  
Fort Pierce Bureau  
Radiation Biology Laboratory  
Smithsonian Astrophysical Observatory  
Smithsonian Tropical Research Institute

### Grant and Fellowship Units:

6

American Studies Program  
Foreign Currency Program  
National Museum Act Program  
Office of Academic Studies  
Research Awards Program  
Smithsonian Research Foundation

### Special Programs:

14

Belmont Conference Center  
Business Management and Museum Shops  
Center for Short-Lived Phenomena  
Foreign Tour Program  
Interdisciplinary Communications Program  
Office of Environmental Sciences  
Office of Seminars  
Performing Arts

Special Programs (cont.)

Reading is Fundamental  
Smithsonian Associates  
Smithsonian Council  
Smithsonian Institution Traveling Exhibition Service  
Smithsonian Magazine  
Smithsonian Press

Service Units:

11

Buildings Management Department  
Conservation Analytical Laboratory  
Exhibits  
International Exchange Service  
Information Systems Division  
Libraries  
Photographic Services  
Protection Services  
Registrar  
Smithsonian Science Information Exchange  
Travel Office

Administrative Units:

18

Audits  
Assistant Secretary for History and Art  
Assistant Secretary for Museum Programs  
Assistant Secretary for Public Service  
Assistant Secretary for Science  
Contracts  
Development Office  
Director of Support Activities  
Equal Opportunity Office  
Management Analysis Office  
Office of Elementary and Secondary Education  
Office of Programming and Budget  
Personnel Management Office  
Secretary  
Smithsonian Archives  
Supply Division  
Treasurer  
Under Secretary

Total Units

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66

Outside Clients

Advisory Council on Historic Preservation  
American Association of Museums  
American Association of Museum Directors  
American Institute for Conservation  
American Law Institute  
Architect of the Capitol  
Arts and Humanities Endowments  
Association of Systematic Collections  
Committees and members of the U. S. House of Representatives and  
Senate  
Department of State  
General Accounting Office  
General Services Administration  
Indian Claims Commission  
Internal Revenue Service  
International Conservation Centre  
International Council of Museums  
Individual, corporate, and foundation donors  
John F. Kennedy Center, Woodrow Wilson International Center,  
National Gallery of Art  
Justice Department  
National Park Service  
National Trust for Historic Preservation  
Research Corporation  
Royal Institution  
World Museum Fund  
UNESCO

TOTAL - 25

PARTIAL LISTING

OF

MATTERS HANDLED BY THE OFFICE OF THE GENERAL COUNSEL

1970-1972

Secretary/Assistant Secretary:

-Sixty-nine legislative proposals received for comment, including such special proposals as:

- (a) Senator Allen's bill concerning the Hirshhorn Museum
- (b) the American Folklife Foundation
- (c) the Museum Services Act
- (d) the Acanthaster planci study
- (e) the Mall Metro station
- (f) the Pennsylvania Avenue Development Corporation

✓ -Liability of the United States for obligations of the SI and the Kennedy Center.

✓ -Memorandum for Regents on the residence requirements of its members.

-Informal memorandum for House Administration Committee on question of GAO audit of SI trust funds.

-IRS ruling on "publicly supported" status of SI under the Tax Reform Act.

-Exemptions of SI activities from State unemployment taxes.

-Proposed U.S. Postal Service's regulations excluding museums from third-class mail rates.

-General memorandum for the House Administration Committee on the relationship between the Congress and SI.

-Tinicum Environmental Center legislation - discussions with OMB of SI right to comment on legislation.

-Hearings on the general background, operations, and policies of the SI by the Committee on House Administration, July 1970:

- (a) coordination of hearing agenda with Committee staff
- (b) preparation of legal opinions for the record
- (c) review of transcript before final printing
- (d) rewrite of Committee report to the full House on the Committee's findings and recommendations



- Effect on SI of statutes and executive orders which refer to:
  - (a) Government agencies
  - (b) Freedom of Information Act
  - (c) National Environmental Policy Act
  - (d) Committee Management Act
  - (e) Occupational Safety and Health Act
  
- Revision of SI Eye Protection Policy.
  
- Reproduction and photographs of museum objects - can SI control all uses and charge fees?
  
- Legal memorandum on the authority of the SI to license its name.
  
- Redrafting SI forms covering loans of museum objects to and from SI.
  
- ✓ -State (gasoline and other) sales taxes - exemption of SI from.
  
- Use of U.S. postal indicia for SI mass mailings, fund raising, and ticket sales solicitations.
  
- Enforcing SI buildings and grounds regulations vis á vis street vendors; defense of SI in litigation brought by vendors.
  
- Legal opinion on legality of and prerequisites for sabbatical leave.
  
- SI relationship to the Interdepartmental Radio Advisory Committee.
  
- Legal safeguards to enable NMNH and NMHT to provide expert opinions to the public.
  
- Ownership of the National Collections - what power does SI have to barter, exchange, or sell museum specimens acquired from the U.S. ?
  
- ✓ -Prevention of misuse of SI name and reputation: false claims of sponsorship (Atkins, the treasure hunter), hoaxes (the Ice Man, and Bigfoot or Sasquatch).
  
- IRS new regulations under the Tax Reform Act - deductions for donations of objects to museums.

✓ -Drafting policy statement on museum acquisitions of art and antiquities, with an eye to the UNESCO Convention and the ICOM Ethical Guidelines; giving expert advice to the American Society of International Law and the Department of State concerning the effect of the UNESCO Convention on museums; comments also on the draft implementing legislation for the UNESCO Convention.

-Patent policy for Federal/non-Federal SI inventions.

-Patent and marketing agreement with the Research Corporation .

-Proposed acceptance by SI of donations for certain organizations:

- (a) ICOM Paris
- (b) Maurice Stans Award
- (c) Royal Institution
- (d) ICOM Bureau in India
- (e) Darwin Foundation
- (f) Reading-is-Fundamental
- (g) London Zoo
- (h) Commission on Federal Executive Exchange

-Settlement of contract claims for overhead by SI against the Department of Defense.

-SI's Compliance with the Civil Rights Act.

-SI Employee Union contracts and administration.

-Marriott agreement for SI commons.

-Consultant contracts for retired SI employees.

✓ -Copyright of works produced by SI employees.

-Two-day conference at SI on copyright and patent law.

-Articles of Incorporation and by-laws for proposed SI-sponsored Council for Education and Research in Environmental Design.

-NASA requirement for cost-sharing by SI in NASA contracts.

Treasurer's Office:

- Regents' Policy Statement applying total return concept to the SI restricted funds.
- Review of legal limitations on 55 SI restricted funds.
- SEC regulations regarding sale of Johnson and Johnson stock.
- Filing of Trademark and Servicemark applications.
- ✓ -Contract with Tonka Toy for reproductions of SI collections.
- ✓ -Selchow-Richter puzzle contract.
- Educational Service Programs, Inc. /SI contract dispute.
- New procedures for SRF's accounting for expenditures by grantees.

Assistant Secretary (History and Art):

- Legal memorandum for GAO on the authority of the SI to dispose of art objects - Regents' policy on deaccessioning procedures.
- Legal memorandum for the House Appropriation Committee - propriety of including costs of furnishings and equipment for the Hirshhorn Museum in the construction appropriation.
- Letter to OMB - proposed legislation to amend the Internal Revenue Code vis á vis restrictions on deductions for donations by artists of their own work.
- Exemption of Cooper-Hewitt Museum and the Archives of American Art from various New York State tax, license, and permit requirements.
- Transfer of portions of the William Becker Political Americana Collection to the SI.
- Transfer of the Sears Roebuck Antique Toy Collection to the SI.
- IRS investigation of the William Mauldin gift to the SI; Tax Court testimony by SI curator.

-Dispute with Dartmouth College re SI title to the Nichols Hull Pressure of Light Apparatus.

✓ -Transfer of the Carnegie Mansion to the SI for the Cooper-Hewitt Museum.

✓ -\$40,000 bequest of Gertrude Sampson to the Cooper-Hewitt Museum.

-Contract with Harry Abrams for the publication of the Hirshhorn Museum inaugural catalogue.

-Unauthorized use of SI name in D. C. auction of James Madison shaving mirror.

-Contract with Harry Abrams for the publication of MHT book.

-Microfilm rights to the Smithsonian Journal of History.

-SI right to the Bureau of the Mint numismatic collection.

-Does D. C. law require the SI to seek rezoning for Hillwood ?

-The right of artists to control reproductions of their work and other problems with the accession of the Ivan Dmitri Collection of photographs in the Archives of American Art.

-Negotiation of the food concession at the FA&PG with "Yes".

✓ -Expeditions Unlimited, Inc. v. SI (Tecumseh contract litigation)

-Contract with McGraw-Hill for MHT bookstore.

-Contract between the WWICS and the SRF.

-Settlement of \$20,000 claim of SI against the University of Nebraska for Venice Biennale expenses.

-Use of Federal funds to pay prior debts of the Archives of American Art.

-NPG contract with Charles Guggenheim for NPG film.

-Contractor's claim against the SI for construction of the Hirshhorn Museum.

-NPG contract with New York Graphics for publication of "Prologue to Revolution."

-Establishment of the MHT Fire Investigation Board.



- Purchase of chandelier for the Renwick Gallery with P. L. 480 funds.
- Legal authority of SI to by-pass GSA for Renwick renovation work.

Assistant Secretary (Science):

- Expeditions Unlimited, Inc., v. SI (Evans "libel" case).
- Pelzman "Glockenspiel" bequest.
- NZIP/Metro controversies:
  - (a) station location
  - (b) chiller plant and fan shaft locations
- NCPC authority to review parking facility plans of the NZIP
- Citizens Emergency Committee on the Zoo protest of NZIP Master Plan.
- Negotiation of Zoo restaurant concession with Macke.
- \$62,000+ to the NZIP from the Estate of Bertha Ruef.
- \$150,000 claim against the NZIP by Metcalf & Associates for design services for multi-climate house.
- Friends of the National Zoo contract for trackless train at the NZIP.
- Environmental Impact Statements for NZIP Master Plan and Incinerator.
- Defeat of proposal to transfer the SSIE to a Department of Economic Affairs and a Department of Science and Technology.
- Legal memorandum on the authority of the Harbor Branch Foundation to make grants to the SI under the Internal Revenue Code.
- Revision of the 1906 regulations under the Antiquities Act.
- Establishment of Cali Station at STRI through agreement with the University of Columbia.
- Outfitting and transfer of a 65-foot T-Boat to STRI.
- Fire protection equipment and services for SAO's Mt. Hopkins through contracts with nearby towns.

-Diamond necklace to the NMNH from the Estate of Cora Williams.

-Overtime pay for Sorting Center technicians on National Science Foundation cruises.

-Arrangements for two 3-day conferences on environmental law, held at the SI and attended by almost 1,000 lawyers.

-Chesapeake Bay Center for Environmental Studies:

- (a) Purchase of additional 133 acres of Ivy Neck Farm
- (b) Purchase of Parkhurst property; sale of Parkhurst house
- (c) Purchase of Stevens property
- (d) Purchase of Kirkpatrick-Howat property
- (e) Sale of house on Stevens Farm
- (f) Zoning classification to permit building program with minimum requests to Anne Arundel County
- (g) Incorporation of the Chesapeake Research Consortium
- (h) Federal grant for sewage plant for low-income housing project to protect waters of Muddy Creek.
- (i) Postponement of wild fowl refuge encompassing the Center
- (j) Funding of land acquisitions through foundation support
- (k) Lease of land by John Colhoun for farming
- (l) Acquisition of Poplar and Jefferson Islands
- (m) Calvert Cliffs Nuclear Power Plant litigation
- (n) Legal memorandum to the House Appropriation Committee on SI authority to construct dormitory facilities at the Center

-Articles of Incorporation, by-laws, transfer of assets, novation of continuing contracts, Regents' resolutions for the SSIE.

-Legal liabilities of SSIE, in connection with its possible phase-out in FY-72.

-Contract with Yugoslavia for conversion and joint use of the Phykos; contract with Harbor Branch Foundation for lease of Phykos.

-Rayen channel case, involving closing of 2300'-channel illegally excavated south of, and causing damage to, Fort Pierce Bureau.

-Lease for SI land at Ft. Pierce, Fla.

✓ -Gatewood bat bite case, involving potential litigation with Congressional intern assigned to STRI, who was bitten by a rabid bat.

-Tethys case, involving damage to STRI vessel and potential litigation to recover for damages.

- Chilean Nitrate Company cable break case, involving recovery of funds expended to repair Barro Colorado Island cable severed by a dragging anchor of a Chilean Nitrate Company vessel.
- Robert Jenkins' race discrimination complaint against SI.
- Review and commentary on implementing regulations for National Endangered Species Act. Drafted U. S. position on proposed Foreign Endangered Species Convention.
- SAO's "lending" of a scientist to NASA.
- Restrictions on RBL's construction of a greenhouse on leased premises.
- Articles of Incorporation and by-laws for the International Congress of Evolutionary Biology (MNH)
- Formulation of legal position for STRI regarding increased housing allowance; formal GAO opinion as to authority obtained.
- STRI authority to construct a laboratory and office building.
- Purchase and resale of 172+ acres at Fort Pierce, Florida.
- Articles of Incorporation and by-laws for The Institute of Ecology; SI relationship to; lease agreement for space at L'Enfant Plaza.
- Formulation of SI Safety Diving Regulations.
- Agreement for operating relationship between SI and Sea Diver Corporation at Fort Pierce.
- Agreement with the Department of Interior for research carried out on St. Vincent Island.
- Contract with the International Fund for Concerned Photography for exhibition of the Population Crisis Exhibit in the NMNH.
- Agreement with Educational Expeditions International for field research expeditions for SI scientists.
- Operation of vessels in foreign waters - clearing procedures.
- NMNH contract for the purchase of the Alexander Crane Flies Collection.
- Sale of Seward Johnson aircraft.

- Litigation involving recovery of SI expenditure for shell collection bequeathed to SI by Gilbert C. Grau.
- Acquisition of Islamic Archives and negotiations for Islamic Library Collection.
- SAO/Mt Hopkins problem concerning surplus property.
- Proposed Kellogg Charitable Remainder Trust.
- SI conformance to Federal policies regarding research involving human beings.
- SSIE contract with Computing and Software, Inc., for publication of a summary of its entire data base.
- SAO's authority to hire a commercial firm to procure outside work for SAO's computer.
- Legality and feasibility of obtaining a surplus U.S. vessel to be given to the Government of India.
- Defense of (to an apparent stalemate) Dr. Shelesnyak and ICP against charges and claims presented by the New York Academy of Sciences.
- Liaison with Congressional Committees on Environmental Data Bank legislation which would originally have placed the Bank in the SI.

Assistant Secretary (Public Service):

- ✓ -Contract with CBS for Smithsonian Adventure Series.
- Negotiation with Leslie Tillet to set up a large firm for SI product development.
- ✓ -Negotiation of contract with Videorecord Corporation of America for production of TV cassettes.
- Contracts for American College Theatre Festivals.
- Contracts for participants in various of the International and Domestic Tours sponsored by the Smithsonian Associates.
- ✓ -Contract negotiations for a commercial prime time television series on the SI; related proposals for television and other media.



- Incorporation of the Anacostia Neighborhood Associates, Inc., and the Anthropology Film Research Institute, Inc.
- Acquisition from the National Park Service of site for the proposed ANM exhibits production laboratory.
- ✓ -Membership of Smithsonian radio announcers in AFTRA, the theatrical union.
- Use of Federal funds to lease facilities for the ANM.
- Liability status of SI volunteers in the Office of Elementary and Secondary Education and the Smithsonian Associates.
- Review of proposal for establishment of a joint U.S. -Israeli foundation for research.
- ✓ -Smithsonian Institution v. Datatron, Inc. (SMITHSONIAN magazine subscription fulfillment contract dispute).
- Contract with Neodata to handle the subscription fulfillment services that Datatron, Inc., previously did.
- Negotiation and renegotiation of contracts with ELI Productions for SI films.
- Settlement of contract dispute with Ethan Scott on the sale of the publication "Pocket Smithsonian" in SI Museum Shops.
- Negotiation of Caedmon contract for the production of "The American Drama," a multi-media series of eight American plays.
- Claim for overtime and compensatory time from the Montreal Expo under contract with the Department of Commerce.

Assistant Secretary (Museum Programs):

- Civil Rights regulations for Museum Act grants.
- Museum Act guidelines.
- SI Chairman of Rome Centre Committee of the Advisory Council on Historic Preservation; planning and funding of:
  - (a) the Traveling Summer School for Restorationists - July 1972; England, France, Belgium, and Holland; total funding - \$25,000.
  - (b) the North American International Regional Conference - Sept. 10-16, 1972; Williamsburg and Philadelphia; total funding - \$75,000.

-Statement on the SI's role in cultural preservation presented at the North American International Regional Conference.

-Representation of SI at the Rome Centre General Assemblies, Councils, and Committee for the Revision of the Rome Centre Statutes.

-Claim arising out of the loan of the Colonial Art of Ecuador exhibit to SITES.

## TABLE OF CONTENTS

SUMMARY STATEMENTS (TAB A)	<u>Page</u>
Summary and highlight memorandum .....	A-1
Multi-year program plans and financial plans .....	A-6
Analysis of new obligational authority and expenditures .....	A-11
Analysis of new obligational authority and expenditures, trust fund .....	A-12
Statement of receipts .....	A-13
 SALARIES AND EXPENSES (TAB B)	
Appropriation language sheet .....	B-1
Explanation of language change .....	B-2
Program and financing schedule .....	B-3
Narrative statement on program and performance .....	B-4
Schedule of object classification .....	B-6
Personnel summary .....	B-7
Lead-off tabular statement .....	B-8
Narrative justifications:	
Museum Operations .....	B-10
Art Gallery Operations .....	B-15
Scientific Research and Exchange of Scientific Information ...	B-23
Other Increases .....	B-40
Buildings Management Department .....	B-45
Rehabilitation of Buildings Program .....	B-47
Administrative and Service Units .....	B-49
Miscellaneous Personnel Increases .....	B-54
Additional Data Regarding Personnel Compensation .....	B-56
Detail of personnel compensation .....	B-60

ARCHEOLOGICAL RESEARCH AND EXCAVATION - SPECIAL  
FOREIGN CURRENCY FUND (TAB C)

Page

Appropriation language sheet .....	C-1
Program and financing schedule .....	C-2
Narrative statement on program and performance .....	C-4
Schedule of object classification .....	C-5
Personnel summary .....	C-6
Narrative justifications .....	C-7
Detail of personnel compensation .....	C-15

REMODELING OF CIVIL SERVICE  
COMMISSION BUILDING (TAB D)

Appropriation language sheet .....	D-1
Program and financing schedule .....	D-2
Narrative statement on program and performance .....	D-4
Schedule of object classification .....	D-5
Personnel summary .....	D-6

CONSTRUCTION AND IMPROVEMENTS,  
NATIONAL ZOOLOGICAL PARK (TAB E)

Appropriation language sheet .....	E-1
Program and financing schedule .....	E-2
Narrative statement on program and performance .....	E-4
Schedule of object classification .....	E-5
Narrative justification .....	E-6

NATIONAL AIR AND SPACE MUSEUM,  
CONSTRUCTION (TAB F)

Appropriation language sheet .....	F-1
Program and financing schedule .....	F-2
Narrative statement of program and performance .....	F-4
Schedule of object classification .....	F-5
Personnel summary .....	F-6
Narrative justification .....	F-7



RESTORATION AND RENOVATION OF  
BUILDINGS (TAB G)

Appropriation language sheet .....	G-1
Program and financing schedule .....	G-2
Narrative statement on program and performance .....	G-4
Schedule of object classification .....	G-5
Narrative justification .....	G-6

MEMORIAL STATUE OF  
SPENCER FULLERTON BAIRD (TAB GA)

Appropriation language sheet .....	GA-1
Program and financing schedule .....	GA-2
Narrative statement on program and performance .....	GA-4
Schedule of object classification .....	GA-5
Narrative justification .....	GA-6

MUSEUM OF HISTORY AND TECHNOLOGY (TAB H)

Program and financing schedule .....	H-1
Narrative statement on program and performance .....	H-3
Schedule of object classification .....	H-4

ADDITIONS TO THE NATURAL HISTORY BUILDING (TAB I)

Program and financing schedule .....	I-1
Narrative statement on program and performance .....	I-3
Schedule of object classification .....	I-4
Personnel summary .....	I-5

ADVANCES AND REIMBURSEMENTS (TAB J)

Program and financing schedule .....	J-1
Schedule of object classification .....	J-3
Personnel summary .....	J-4
Detail of personnel compensation .....	J-5

TRUST FUND: CANAL ZONE BIOLOGICAL AREA (TAB K)

Program and financing schedule .....	K-1
Narrative statement on program and performance .....	K-3

OTHER REPORTS (TAB L)

Allocations received from other accounts .....	L-1
Report on numbers of civilian personnel .....	L-2
Information furnished to central agencies .....	L-3

APPENDIX (TAB M)

Schedule of hall openings .....	M-1
Schedule of renovation of exhibits .....	M-2
Schedule of building projects .....	M-3
Work performed under grants and contracts from Federal agencies .....	M-4

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SMITHSONIAN INSTITUTION

SUMMARY AND HIGHLIGHT MEMORANDUM

Fiscal Year 1966

The Smithsonian Institution was established by the Act of August 10, 1846 "for the increase and diffusion of knowledge among men."

The Institution, under the Salaries and Expenses Appropriation, administers three museums, the Museum of History and Technology, the Museum of Natural History, (referred to in combination as the United States National Museum), and the National Air Museum; four scientific organizations, the Astrophysical Observatory, the Office of Anthropological Research, the Canal Zone Biological Area, and the research activities of the United States National Museum; three art galleries, the Freer Gallery of Art, the National Collection of Fine Arts, and the National Portrait Gallery; the Armed Forces Museum Advisory Board; and the International Exchange Service.

The Institution is responsible for the operation and maintenance of seven main exhibition buildings, namely, the Museum of History and Technology, the Museum of Natural History, the Arts and Industries Building, the Smithsonian Building, National Air and Space Museum, the Galleries of the National Portrait Gallery and the National Collection of Fine Arts, and the Freer Gallery of Art; the Astrophysical Observatory in Cambridge, Massachusetts; the Canal Zone Biological Area; the River Basin Surveys in

Lincoln, Nebraska; a storage facility at Silver Hill, Maryland; and an exhibits laboratory.

To achieve its broad objective,, "to increase knowledge," the Institution maintains public exhibits representative of the arts, American history, aeronautics and space exploration, anthropology, geology, technology, and biology; preserves for reference and study over 59 million valuable items of scientific, cultural, and historical interest; performs fundamental research; publishes the results of studies, explorations, and investigations; and participates in the international exchange of scientific, cultural, and historical literature.

Public interest in museums and art galleries is at an unprecedented high level. The number of visitors in the newly opened Museum of History and Technology, alone, was 4, 546, 313 in the first eight months since its dedication in January 1964. This presages an annual attendance of 5 to 6 million visitors who come from every State in the Union. The former record for a single building was 3, 500, 000. Our total attendance, including that of the National Zoological Park, exceeded 14 million visitors in 1964. This represents an increase of more than 503, 000 over the previous year, 1963, for the museum complex on the Mall. During the past year the staff of the Institution answered approximately 500, 000 inquiries for scientific, historic, and technical information.

The 1966 estimates of appropriation are predicated on carrying out the authorized purposes of the Institution at a level of investment commensurate with the national need for scientific, cultural, and historical knowledge. It is urgently requested, therefore, that funds be provided for the Smithsonian's programs in the amounts justified.

Under the Salaries and Expenses Appropriation, funds are requested:

To maintain the existing establishment and programs for  
the increase of knowledge;

To provide professional, administrative, and custodial staff  
for new laboratories, museums, and art galleries;

To increase knowledge through cooperative research, scholarly  
conferences, and training programs;

To increase our attainments in scientific research; and

To increase our efforts in historical research and art education.

Provision has also been made in the 1966 estimates of appropriation  
for:

Restoration and Renovation of Buildings

To improve the Smithsonian Institution building for public  
exhibition, curatorial, and administrative uses by renovating  
a portion of the third floor, adding a partial fourth floor,  
installing an elevator, and air conditioning the building;

SMITHSONIAN INSTITUTION

SUMMARY OF ESTIMATES OF APPROPRIATION

FISCAL YEAR 1966

<u>Appropriation titles</u>	<u>Estimates</u>	<i>BBalle 12/14</i>
<u>Salaries and Expenses</u> .....	\$26,044,200	<del>20,25</del>
<u>Archeological Research and Excavation (Special Foreign Currency Fund)</u> ...	1,415,000	1,415
<u>Restoration and Renovation of Buildings</u> .....	4,547,000	2,248
<u>National Air and Space Museum (Construction)</u> .....	40,045,000	
<u>Construction and Improvements, National Zoological Park</u> .....	1,539,000	1,539
<u>Memorial Statue of Spencer Fullerton Baird</u> .....	75,000	
<u>Total</u> .....	<u>\$73,665,200</u>	<u>25,25</u>



SMITHSONIAN INSTITUTION

MULTI-YEAR FINANCIAL PLANS (CONTINUED)

NEW OBLIGATIONAL AUTHORITY AND EXPENDITURES (IN MILLIONS OF DOLLARS)

PROGRAM CATEGORY	NEW OBLIGATIONAL AUTHORITY						EXPENDITURES				
	1964	1965	1966	1967	1968	1969	1964	1965	1966	1967	1968

PROPOSED LEGISLATION:

ARCHEOLOGICAL RESEARCH AND EXCAVATION  
(SPECIAL FOREIGN CURRENCY FUND)

CURRENT FINANCIAL PLAN ..... +1.4 +.8 +1.1 +1.6 ..... +1.3 +.9 +1.0 +1.5

TOTAL, SMITHSONIAN INSTITUTION

EXISTING LEGISLATION:

SEPTEMBER 1963 FINANCIAL PLAN ..... 20.3 22.4 64.2 20.9 21.4 23.8 31.4 29.4 34.4 37.9

CURRENT FINANCIAL PLAN ..... 18.3 72.0 32.6 37.6 42.6 19.5 27.9 43.6 46.4 51.7 44.7

CHANGE ..... -2.7 +7.8 +11.7 +16.2 +42.6 -4.0 -2.9 +14.1 +12.0 +13.9 +44.7

PROPOSED LEGISLATION:

CURRENT FINANCIAL PLAN AND CHANGE ..... +1.4 +.8 +1.1 +1.6 ..... +1.3 +.9 +1.0 +1.5

SMITHSONIAN INSTITUTION  
MULTI-YEAR FINANCIAL PLANS (CONTINUED)

NEW OBLIGATIONAL AUTHORITY AND EXPENDITURES (IN MILLIONS OF DOLLARS)

PROGRAM CATEGORY	NEW OBLIGATIONAL AUTHORITY					EXPENDITURES						
	1964	1965	1966	1967	1968	1969	1964	1965	1966	1967	1968	1969
<u>NATIONAL AIR AND SPACE MUSEUM : PLANNING AND CONSTRUCTION</u> <sup>1/</sup>												
SEPTEMBER 1963 FINANCIAL PLAN .....	.5	1.1	37.9				.4	1.2	4.9	12.3	16.7	
CURRENT FINANCIAL PLAN .....	1.3	40.0					.3	1.3	11.0	11.0	15.0	3.0
(CHANGED ITEMS ONLY)												
MAJOR CHANGE:												
MORE REFINED ESTIMATE .....	.2	+2.1						.1	+6.1	-1.3	-1.7	....
<u>RESTORATION AND RENOVATION OF BUILDINGS</u>												
SEPTEMBER 1963 FINANCIAL PLAN .....	.3	6.0					.2	4.0	2.0	.1		
CURRENT FINANCIAL PLAN .....	4.5	.1	.1	.1	.1	.1	2.7	1.8				.1
(CHANGED ITEMS ONLY)												
MAJOR CHANGE:												
DELAY IN OBTAINING APPROPRIATION .....	-.3	-1.5						-.2	-1.3	-.2	....	....
<u>MUSEUM OF HISTORY AND TECHNOLOGY</u>												
SEPTEMBER 1963 FINANCIAL PLAN .....							4.1	.3				
CURRENT FINANCIAL PLAN .....							2.5	1.7	.4			
(CHANGED ITEMS ONLY)												
MAJOR CHANGE:												
MORE REFINED ESTIMATE .....							-1.6	+1.4	+4	....	....	....
<u>ADDITIONS TO THE NATURAL HISTORY BUILDING</u>												
SEPTEMBER 1963 FINANCIAL PLAN .....							3.3	5.0	1.0			
CURRENT FINANCIAL PLAN .....							2.7	6.1	.3			
(CHANGED ITEMS ONLY)												
MAJOR CHANGE:												
DELAY IN WEST WING CONSTRUCTION .....							-6	+1.1	-7	....	....	....

<sup>1/</sup> PLANNING IS AUTHORIZED; CONSTRUCTION

SMITHSONIAN INSTITUTION  
MULTI-YEAR FINANCIAL PLANS

NEW OBLIGATIONAL AUTHORITY AND EXPENDITURES (IN MILLIONS OF DOLLARS)

PROGRAM CATEGORY	NEW OBLIGATIONAL AUTHORITY					EXPENDITURES					
	1964	1965	1966	1967	1968	1969	1964	1965	1966	1967	1968

EXISTING LEGISLATION:

SALARIES AND EXPENSES

SEPTEMBER 1963 FINANCIAL PLAN .....	13.1	17.6	18.4	19.0	19.5	19.5	13.1	16.8	18.1	18.3	19.3	
CURRENT FINANCIAL PLAN .....		15.5	26.0	31.0	36.0	41.0	12.9	14.8	23.9	30.8	35.1	40.1
(CHANGED ITEMS ONLY)												

MAJOR CHANGE:

DELAY IN CONSTRUCTION .....

-1.8 +3.1 +4.1 +5.1 -1.7 +2.0 +2.8 +3.6

ACCELERATION OF MUSEUM, ART, AND  
SCIENTIFIC RESEARCH ACTIVITIES .....

+4.5 +7.9 +11.4 .....

+3.7 +9.7 +12.2 .....

REMODELING OF CIVIL SERVICE  
COMMISSION BUILDING

SEPTEMBER 1963 FINANCIAL PLAN .....	5.4	1.1					1.4	5.0				
CURRENT FINANCIAL PLAN .....							.1	2.1	3.7	.8		
(CHANGED ITEMS ONLY)												

MAJOR CHANGE:

DELAY IN REMODELING PROGRAM .....

..... -1.3 -2.9 +3.7 +.8 .....

CONSTRUCTION AND IMPROVEMENTS,  
NATIONAL ZOOLOGICAL PARK

SEPTEMBER 1963 FINANCIAL PLAN .....	1.3	2.3	1.9	1.9	1.9	1.5	1.5	2.6	1.4	1.8	1.8	
CURRENT FINANCIAL PLAN .....		1.5	1.5	1.5	1.5	1.5	1.0	1.9	1.6	2.0	1.6	1.5
(CHANGED ITEMS ONLY)												

MAJOR CHANGE:

MORE REFINED ESTIMATE .....

..... -.8 -.4 -.4 -.4 -.5 -.7 +.2 +.2 .....

..... -.2 .....

END-OF-YEAR EMPLOYMENT - CURRENT FINANCIAL PLAN

	1964		1965		1966		1967		1968		1969	
	PERM. POS.	OTHER	PERM. POS.	OTHER	PERM. POS.	OTHER	PERM. POS.	OTHER	PERM. POS.	OTHER	PERM. POS.	OTHER
EXISTING LEGISLATION:												
SALARIES AND EXPENSES .....	1,238	18	1,566	141	2,212	166	2,585	175	2,900	175	3,090	175
REMODELING OF CIVIL SERVICE COMMISSION BUILDING .....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
NATIONAL AIR AND SPACE MUSEUM <sup>1</sup> PLANNING .....	.....	2	.....	2	.....	.....	.....	.....	.....	.....	.....	.....
ADVANCES AND REIMBURSEMENTS .....	22	74	26	89	26	89	35	115	35	115	35	115
NATIONAL ZOOLOGICAL PARK <sup>1/</sup> .....	199	16	212	20	226	23	253	23	266	23	274	23
PROPOSED LEGISLATION:												
ARCHEOLOGICAL RESEARCH AND EXCAVATION (SPECIAL FOREIGN CURRENCY FUND)	.....	.....	.....	.....	4	.....	4	.....	4	.....	4	.....
TOTAL EMPLOYMENT .....	1,459	110	1,774	254	2,468	278	2,877	313	3,205	313	3,403	313

1536 124  
1,566 141  
2  
2  
26 89  
13 20

<sup>1/</sup> NATIONAL ZOOLOGICAL PARK EMPLOYEES PAID FROM DISTRICT OF COLUMBIA OPERATING EXPENSES.



EQUIPMENT SOLD DURING FISCAL YEAR 1964

General Motors Truck (1950)

Ford Truck (1950)

*Chevrolet*

~~Chevrolet~~ Truck (1/2 ton)

Tractor

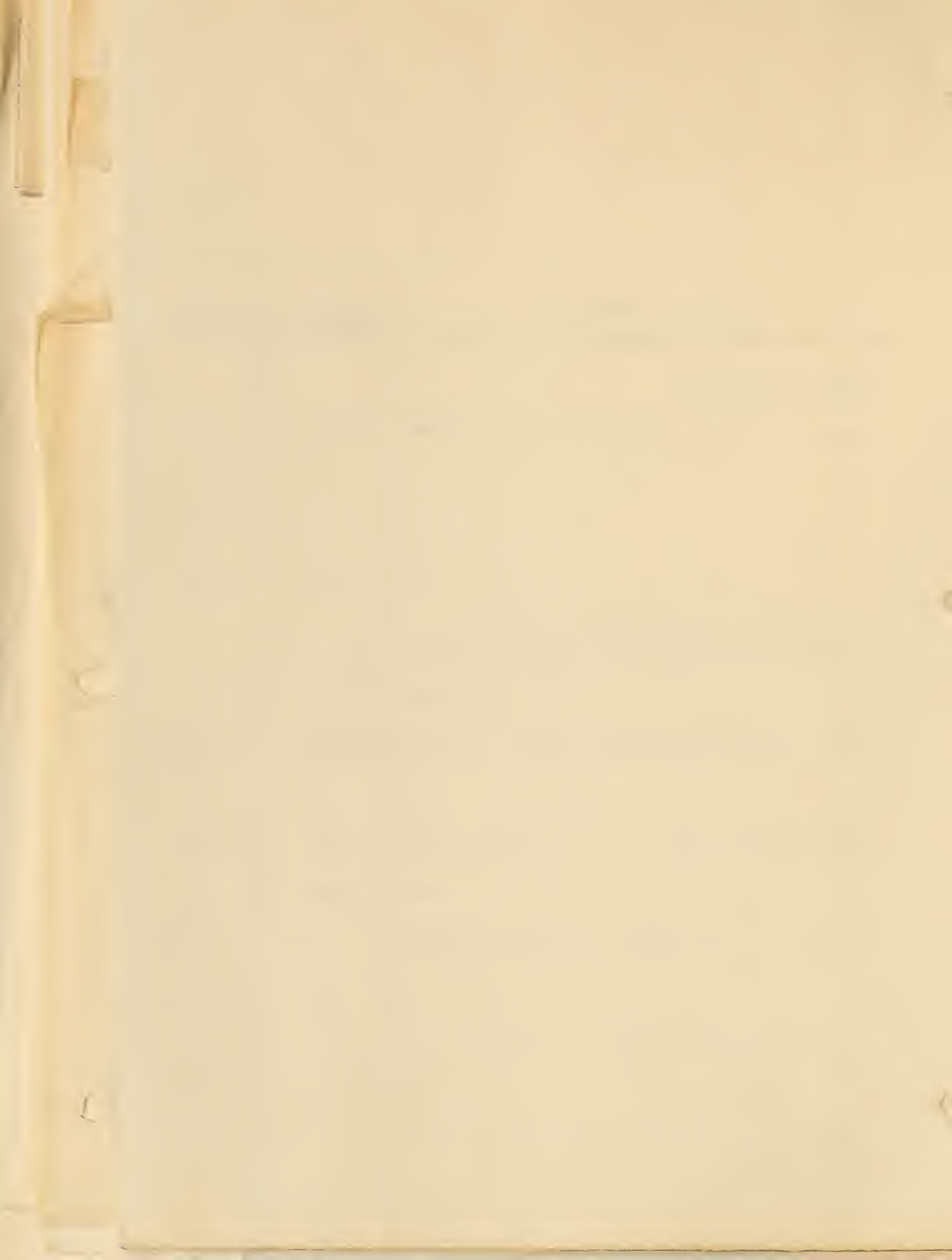
Tractor crawler

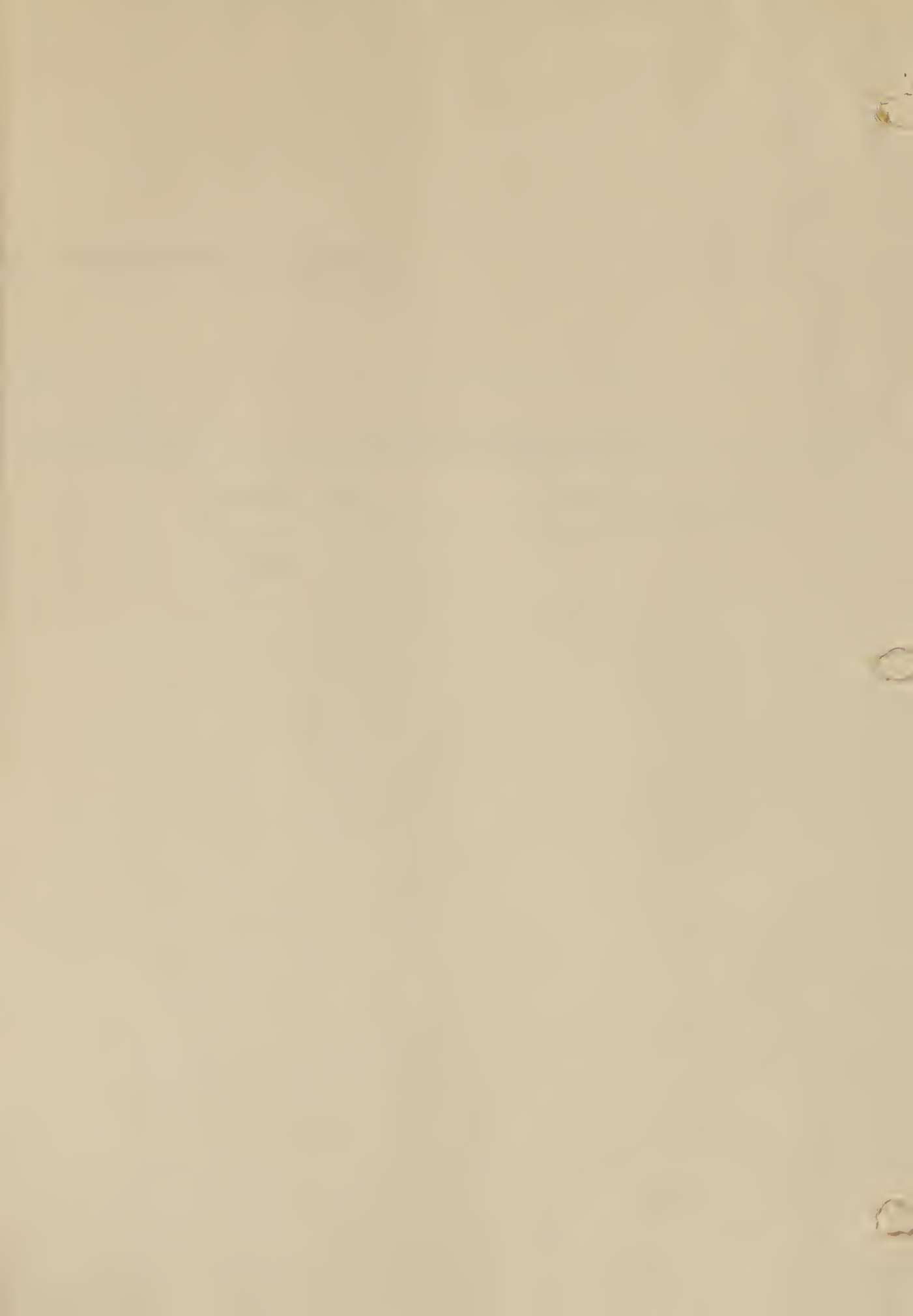
Generator set

Power hammer

Hoist

Miscellaneous building equipment (radiators, toilets, etc.)





ANALYSIS OF NEW OBLIGATIONAL AUTHORITY AND EXPENDITURES  
(IN THOUSANDS OF DOLLARS)

SMITHSONIAN INSTITUTION

ACCOUNT AND FUNCTIONAL CODE	1964 ENACTED	1965 ESTIMATE	1966 ESTIMATE	INCREASE OR DECREASE (-)	1966 EXP. FROM 1966 NOA	EXPLANATION OF NOA REQUESTS
<b>GENERAL AND SPECIAL FUNDS:</b>						
SALARIES AND EXPENSES ..... 704 NOA	13,191	( 15,000 A/ 90 B/ 400	26,044	10,554		
EXP. ....	12,888	( 14,877	23,909 )	9,032	21,252	
ARCHEOLOGICAL RESEARCH AND EXCAVATION (SPECIAL FOREIGN CURRENCY FUND) ..... 704 NOA			1,415	1,415		
EXP. ....			1,274	1,274	1,274	
REMODELING OF CIVIL SERVICE COMMISSION BUILDING ..... 704 NOA	5,485	1,000		- 1,000		
EXP. ....	118	2,183	3,700	1,517		
CONSTRUCTION AND IMPROVEMENTS, NATIONAL ZOOLOGICAL PARK ..... 704 NOA	1,275	1,525	1,538	14		
EXP. ....	1,026	1,899	1,582	-307	532	
NATIONAL AIR AND SPACE MUSEUM ..... 704 NOA	511	1,364	C/ 40,045	38,881		
EXP. ....	330	1,383	11,000	9,837	10,820	
RESTORATION AND RENOVATION OF BUILDINGS ..... 704 NOA			4,547	4,547		
EXP. ....			2,728	2,728	2,728	
MEMORIAL STATUE OF SPENCER FULLERTON BAIRD ..... 704 NOA			D/ 75	75		
EXP. ....			50	50	50	
MUSEUM OF HISTORY AND TECHNOLOGY ..... 704 EXP.	2,574	1,783	375	-1,400		
ADDITIONS TO THE NATIONAL HISTORY BUILDING ..... 704 EXP.	2,783	8,170	307	-5,883		
<b>INTRAGOVERNMENTAL FUNDS:</b>						
ADVANCED AND REIMBURSEMENTS, SMITHSONIAN INSTITUTION ..... 704 EXP.	-2	40	-30	-70		
TOTAL, SMITHSONIAN INSTITUTION ..... NOA	20,442	( 18,889 A/ 90 B/ 400	73,665	54,286		
EXP. ....	19,715	( 27,840 87 388	44,890	16,580	38,658	

A/ PROPOSED FOR SEPARATE TRANSMITTAL, MARE BOARD PAY INCREASE SUPPLEMENTAL.

B/ PROPOSED FOR BEPAPA. TRANSMITTAL, CIVILIAN PAY INCREASE SUPPLEMENTAL.

C/ TO CARRY OUT AUTHORITY LEGISLATION TO BE PROPOSED.







ANALYSIS OF NEW OBLIGATIONAL AUTHORITY AND EXPENDITURES - TRUST FUND  
(in thousands of dollars)

SMITHSONIAN INSTITUTION

Account and functional code	1964 enacted	1965 estimate	1966 estimate	Increase or decrease (-)	1966 exp. from 1966 NOA	Explanation of NOA requests
Miscellaneous trust fund . . . . . 704 NOA	16	15	15			
Exp/	16	15	16	1	15	

**STATEMENT OF RECEIPTS**

Department or agency:

**SMITHSONIAN INSTITUTION**

- General fund
- Special funds

[In thousands]

Receipt symbol	Receipt title	1964 actual	1965 estimate	1966 estimate	Comments
332649	Sale of equipment	4	.....	.....	





1-14-65

SMITHSONIAN INSTITUTION

Current authorization:

SALARIES AND EXPENSES

For necessary expenses of the Smithsonian Institution, including research; preservation, exhibition, and increase of collections from Government and other sources; international exchanges; anthropological researches; maintenance of the Astrophysical Observatory and making necessary observations in high altitudes; administration of the National Collection of Fine Arts and the National Portrait Gallery; including (not to exceed \$35,000 for) services as authorized by section 15 of the Act of August 2, 1946 (5 U.S.C. 55a); purchase, repair, and cleaning of uniforms for guards and elevator operators, and uniforms or allowances therefor, as authorized by law (5 U.S.C. 2131), for other employees; repairs and alterations of buildings and approaches; (and) preparation of manuscripts, drawings, and illustrations for publications; \$15,000,000.

for expenses of attendance at meetings concerned with activities of the Institution; not to exceed \$5,000 for official reception and representation expenses; and for the expenses of the Smithsonian Bicentennial, including not to exceed \$80,000 for reception and representation. \$26,044,000

(5 U.S.C. 150; 20 U.S.C. 41-79e; 44 U.S.C. 139a; 72 Stat. 68; Public Law 87-139; Public Law 87-186; Public Law 87-443; Public Law 88-549; Department of the Interior and Related Agencies Appropriation Act, 1965.)

EXPLANATION AND JUSTIFICATION OF  
CHANGE IN APPROPRIATION LANGUAGE

The phrase "not to exceed \$35,000 for" is deleted in connection with expenses for services as authorized by section 15 of the Act of August 2, 1946 (5 U. S. C. 55a). It is recommended that the provision for consultants be based on the amounts justified and allowed for this purpose and that the arbitrary limitation of \$35,000 carried over from prior years be eliminated.

The phrase "for attendance at meetings concerned with activities of the Institution" is inserted to clarify the authority to pay conference expenses.

The phrase "not to exceed \$5,000 for official reception and representation expenses" is included to provide the Secretary of the Smithsonian Institution a small sum for the expenses of official entertainment.

The phrase "and for the expenses of the Smithsonian Bicentennial, including not to exceed \$80,000 for reception and representation" is inserted to obtain authority to pay expenses related to the Bicentennial Observance to be held in September 1965. This language will be deleted in fiscal year 1967.

SMITHSONIAN INSTITUTION  
 SALARIES AND EXPENSES

Program and Financing (in thousands of dollars)

*Handwritten notes:*  
 24 21  
 (The model  
 revised  
 for 1966  
 1966)

Identification code	1964 actual	19 65 estimate	19 66 estimate
32-50-0100-0-1-704			
<u>Program by activities:</u>			
1. Museum operations .....	6,130	6,938	<del>9,377</del> 8113
2. Art gallery operations .....	476	704	2,372 1300
3. Scientific research and exchange of scientific information .....	6,643	7,918	<del>12,678</del> 11243 41328
Total program costs, funded ...	13,249	15,560	24,427 <del>20741</del> 20856
Change in selected resources <u>1/</u> ...	-115	-160	1,617 9
10 Total obligations .....	13,134	15,400	<del>26,044</del> <del>20750</del> 20845
<u>Financing:</u>			
25 Unobligated balance lapsing ...	57	....	....
<u>New obligational authority</u> ..	13,191	15,400	-26,044 <del>20750</del> 20845
<u>New obligational authority:</u>			
40 Appropriation .....	13,191	15,000	<del>26,044</del> 20845 <del>20750</del>
40 Appropriation - Proposed supplemental due to civilian pay increases .....	....	400	....
<u>1/ Selected resources as of June 30 are as follows:</u> Unpaid undelivered orders, 1963, \$1,766 thousand; 1964, \$1,651 thousand; 1965, \$1,491 thousand; 1966 thousand, \$3,108 thousand. 1,500			

0:1964-0-735-186



page 2 of 1-14-68

**STANDARD FORM 301**  
**Short form**  
 July 1964, Bureau of the Budget  
 Circular No. A-11, Revised.  
 301-102

**SMITHSONIAN INSTITUTION**  
**SALARIES AND EXPENSES**

**FINANCING AND EXPENDITURES (in thousands of dollars)**

Identification code	19 64 actual	19 65 estimate	19 66 estimate
32-50-0100-0-1-704			
10 Total obligations (from program schedule).....	13, 134	15, 400	<del>20,750</del> <del>26,044</del> 20,865
<b>Financing:</b>			
Receipts and reimbursements from:			
11 Administrative budget accounts (-).....			
13 Trust fund accounts (-).....			
14 Non-Federal sources (-).....			
16 Comparative transfers to/from (-) other accounts.....			
17 Recovery of prior year obligations (-).....			
21 Unobligated balance available, start of year (-).....			
24 Unobligated balance available, end of year.....			
25 Unobligated balance lapsing.....	57	....	....
26 Unobligated balance rescinded (.....)			
40 New obligational authority.....	13, 191	15, 400	<del>26,044</del> <del>20,750</del> 20,865
<b>Relation of obligations to expenditures:</b>			
10 Total obligations.....	13, 134	15, 400	20,865 <del>20,750</del> <del>26,044</del>
70 Receipts and other offsets (items 11-17).....			
71 Obligations (affecting expenditures).....	13, 134	15, 400	<del>26,044</del>
72 Obligated balance, start of year.....	2, 520	2, 692	<del>20,865</del> 3, 302
74 Obligated balance, end of year (-).....	-2, 692	-3, 302	<del>4,445</del> -5, 440
77 Adjustments in expired accounts.....	-74	....	....
90 Expenditures excluding pay increases.....	12, 888	14, 402	<del>23,894</del>
11 Expenditures from civilian pay inc.....		388	12

NATIONAL AIR AND SPACE MUSEUM  
 ARCHEOLOGICAL

pas, part 1-14-65

12 24-1

The Smithsonian Institution maintains public exhibits representative of the arts, American history, aeronautics, anthropology, geology, technology, and biology; preserves for reference and study purposes millions of valuable items of scientific, cultural, and historical interest; conducts research in the natural sciences and in the history of cultures, technology, and the arts, particularly those indigenous to North America; and participates in the international exchange of scientific literature. The areas of research in the natural sciences include anthropology, biology, geology, solar radiations, and astrophysics. The Smithsonian is also undertaking an intensive program of classification and study of marine organisms collected in connection with the Government's expanded oceanographic program. The Institution operates 3 museums, 4 scientific bureaus, 3 art galleries, the Armed Forces Museum Advisory Board, and the International Exchange Service. It is responsible also for the operation and maintenance of 7 main exhibition buildings, the Astrophysical Observatory in Cambridge, Massachusetts; the Canal Zone Biological Area; the River Basin Surveys in Lincoln, Nebraska; a facility at Silver Hill, Maryland; and an exhibits laboratory.

During the budget year the move of the collections and staff into the new west wing of the Natural History Building will be completed. The National Collection of Fine Arts and the National Portrait Gallery will continue to prepare exhibition plans and improve the condition of their collections prior to the move into the ~~F-Street Building~~ <sup>3-10-66</sup> scheduled to be substantially completed in November 1966. ~~A program will be initiated for the circulation of~~



12 - 101

~~Artmobiles and packaged exhibits in cooperation with regional museums and state organizations.~~ The National Air Museum will continue its program of restoring and preserving aircraft, engines and accessories. One new exhibits renovation project and ~~six~~ <sup>two</sup> building rehabilitation projects will be undertaken. The Institution will continue to expand its scientific activities. Programs of cooperative research and training will be developed, including ~~one for international archeology.~~

The bicentennial of the birth of James Smithson will be observed in September 1965.

Public interest continued to grow, as evidenced by the number of visitors: 1962, 8,923,000; 1963, 10,310,000; 1964, 10,814,000.

A supplemental appropriation for 1965 is anticipated for separate transmittal.

*page 1 of 1-14-65*

SMITHSONIAN INSTITUTION  
 SALARIES AND EXPENSES

*Black 12/29/64*

OBJECT CLASSIFICATION (in thousands of dollars)

Identification code	1964 actual	1965 estimate	1966 estimate
32-50-0100-0-1-704			
SMITHSONIAN INSTITUTION			
Personnel compensation:			
11.1 Permanent positions.....	8,196	10,165	<del>14,730</del> <sup>12625</sup>
11.3 Positions other than permanent.....	77	250	407
11.5 Other personnel compensation.....	104	93	108
Total personnel compensation.....	8,377	10,508	<del>15,245</del> <sup>13140</sup>
12.0 Personnel benefits.....	598	766	1,100 <sup>944</sup>
<del>13.0 Benefits for former personnel.....</del>			
21.0 Travel and transportation of persons.....	117	147	<del>355</del> <sup>284</sup>
22.0 Transportation of things.....	113	96	<del>155</del>
23.0 Rent, communications, and utilities.....	718	898	1,175 <sup>1175</sup>
24.0 Printing and reproduction.....	302	413	426
25.1 Other services.....	849	969	<del>2,765</del> <sup>2765</sup>
<del>25.2 Services of other agencies.....</del>			
26.0 Supplies and materials.....	700	657	<del>780</del> <sup>763</sup>
31.0 Equipment.....	1,152	728	2,205 <sup>1800</sup>
32.0 Lands and structures.....	...	...	<del>40</del> <sup>24</sup>
<del>33.0 Investments and loans.....</del>			
<del>41.0 Grants, subsidies, and contributions.....</del>			
42.0 Insurance claims and indemnities.....	1	1	1
<del>43.0 Interest and dividends.....</del>			
<del>44.0 Refunds.....</del>			
Total costs, Smithsonian Institution	12,927	15,183	<del>24,247</del> <sup>20676</sup>
99.0 Total obligations.....			

SMITHSONIAN INSTITUTION  
 SALARIES AND EXPENSES

*July 12-29-64*  
*Block 12-29-64*

OBJECT CLASSIFICATION (in thousands of dollars)

Identification code 32-50-0100-0-1-704	19 64 actual	1965 estimate	19 66 estimate
ALLOCATION TO GENERAL SERVICES ADMINISTRATION			
24.0 Printing and reproduction ..	1	1	1
25.1 Other services .....	53	48	34
26.0 Supplies and materials .....	53	...	...
31.0 Equipment .....	29	...	...
32.0 Lands and structures .....	186	328	145
Total costs, General Services Administration .....	322	377	180
Total costs .....	13, 249	15, 560	<del>24, 427</del> <sup>20856</sup>
94.0 Change in selected resources ..	-115	-160	<del>-1, 617</del> <sup>9</sup>
99.0 Total obligations .....	13, 134	15, 400	26, 044 <del>-75</del> <sup>20865</sup>

SMITHSONIAN INSTITUTION  
 SALARIES AND EXPENSES

Personnel Summary

*Account changed 12-25-64  
 Staff change 1-11-65*

Identification code	1964 actual	1965 estimate	1966 estimate
32-50-0100-0-1-704			
Total number of permanent positions .....	1,348	1,582 <i>K</i>	<del>1873</del> <del>1869</del> 2,212
Full-time equivalent of other positions .....	33	63	83
Average number of all employees .....	1,273	1,501	<del>1900</del> <del>1834</del> 2,192 <i>78</i>
Employees in permanent positions, end of year .....	1,238	1,566	2,212 <i>164</i>
Employees in other positions, end of year .....	18	141 <i>124</i>	166 <i>15</i>
Average GS grade .....	7.7 <i>K</i>	<u>7.5</u> <i>7.7</i>	<del>7.7</del> <del>7.5</del> <u>7.5</u>
Average GS salary .....	<del>7,440</del>	<del>7,693</del> <i>7.78</i> 7678 <del>7750</del>	<del>7,523</del> 765 <del>765</del> 7825
Average salary of ungraded positions .....	<del>5,297</del>	<del>5,208</del> 5245	<del>5,185</del> 5271
	<u>1645</u>	<u>1501</u>	<u>1645</u>

*16  
 16  
 1/2 approx 12/31  
 2/15*



Proposed for separate transmittal: Under existing legislation

**STANDARD FORM 300**  
 July 1964, Bureau of the Budget  
 Circular No. A-11, Revised.  
 300-102

**SMITHSONIAN INSTITUTION  
 SALARIES AND EXPENSES**

1-14-65

Program and financing (in thousands of dollars)

Identification code 32-50-0100-1-1-704	19 64 actual	19 65 estimate	19 66 estimate
<u>Program by activities:</u>			
1. Museum operations .....	....	<del>42</del> 45	....
2. Art gallery operations .....	....	<del>4</del> 1	....
3. Scientific research and exchange of scientific information .....	....	<del>44</del> 45	....
10 Total program costs - obligations		<del>90</del> 91	
<u>Financing:</u>			
40 New obligational authority ( <u>proposed supplemental appropriation</u> ) .....	....	90	....
<u>Relation of obligations to expenditures:</u>			
71 Total obligations (affecting expenditures)	....	90 90	....
72 Obligated balance, start of year	....	....	3 4
74 Obligated balance, end of year (-)	....	<del>-3</del> -2	....
90 Expenditures .....	....	87 88	<del>3</del> 4
Under existing legislation, 1965. - A supplemental appropriation is anticipated to annualize the costs of wage board salary increases granted in 1964, and to provide for part-year costs of wage board increases expected to be granted in 1965.		↑ OK	↑ OK



SMITHSONIAN INSTITUTION  
SALARIES AND EXPENSES

Statement Relating 1964, 1965, and 1966 Programs

Thousands

1964 obligations .....	13,134
Nonrecurring savings .....	+57
<u>Total appropriation, 1964, (base for 1965)</u> .....	<u>13,191</u>
<u>Changes for 1965:</u>	
Museum of History and Technology, curatorial and exhibits staff and expenses .....	+119
National Collection of Fine Arts, curatorial staff and expenses .....	+44
National Portrait Gallery, curatorial staff and expenses .....	+36
Smithsonian Astrophysical Observatory, scientific staff and expenses .....	+134
Radiation and Organisms, equipment .....	+52
Canal Zone Biological Area, expenses .....	+10
Research programs of the Museum of Natural History .....	+250
National Oceanographic program, staff and expenses .....	+154
Protection, operation, and maintenance of buildings, including new Museum of History and Technology and East Wing of Natural History Museum .....	+1,270
Increase for building services for night opening .....	+300
1964 rehabilitation and modernization programs .....	-655
1965 rehabilitation and modernization programs .....	+435
Administrative and service activities .....	+139
Cost of pay increases (Wage Board and Salary Act of 1964) .....	+490
Reduction in contract services and equipment for Museum of History and Technology .....	-519
Air conditioning Air and Space Building .....	+80
Reduction of one day's pay above 52-week base .....	-40
<u>1965 total obligations, (base for 1966)</u> .....	<u>15,490</u> <sup>1/</sup>

65291  
266-1/  
77090

<sup>1/</sup> Includes anticipated supplemental appropriation of \$490,000 for pay increases in 1965.

Statement Relating 1964, 1965 and 1966 Programs (continued)

	<u>Thousands</u>
<u>Changes for 1966:</u>	
Museum of History and Technology, curatorial and exhibits staff and expenses	+590
National Air Museum, restoration and preservation program	+604
National Armed Forces Museum Advisory Board, staff and site studies	+69
Freer Gallery of Art, staff	+15
National Collection of Fine Arts, curatorial staff and expenses	+324
National Collection of Fine Arts, Artmobiles and packaged exhibits	+1,000
National Portrait Gallery, curatorial staff and expenses	+320
Smithsonian Astrophysical Observatory, scientific staff and design studies	+884
Radiation and Organisms, scientific staff and equipment	+132
Canal Zone Biological Area, scientific staff, equipment, and building	+111
Research programs of the Museum of Natural History, scientific staff and aids, studies of species information, and expenses	+1,182
National Oceanographic program, scientific staff, aids, and expenses	+862
Conservation Department, U.S. National Museum, staff and equipment	+133
Scientific research, principally in natural history, formerly financed by the National Science Foundation	+350
Cooperative Research, Training, and conferences	+560
International archeology program	+53
Smithsonian Bicentennial Observance	+115
Protection, operation, and maintenance of buildings, including new Museum of History and Technology and Additions to Natural History Museum	+741
Building services for night opening	+65
1965 rehabilitation and modernization programs, buildings and exhibits	-435
1966 rehabilitation and modernization programs, buildings and exhibits	+735
Administrative and supporting services	+1,573
Cost of pay increase (Wage Board and Salary Act of 1964) and other personnel compensation increases	+651
Reduction for air conditioning Air and Space Building	-80
<u>1966 total obligations (and appropriation estimate)</u>	<u>26,044</u>
<u>1/ Other nonrecurring items deducted from increases.</u>	<u>20,750</u>

ANALYSIS BY ACTIVITIES  
(in thousands of dollars)

	<u>1964</u>	<u>Increases</u>	<u>1965</u>	<u>Increases</u>	<u>1966</u>
Program by activities:					
1. Museum operations .....	6, 110	790	6, 900	3, 257	10, 077
Nonrecurring cost of air conditioning Air and Space Building .....				1213 1/2	8113
				-80 2/	
				<u>3, 177 (net)</u>	<u>10, 077</u>
2. Art gallery operations .....	503	205	708	1, 881 1/2	2, 589
3. Scientific research and exchange of scientific information .....	<u>6, 521</u>	<u>1, 361</u>	<u>7, 882</u>	<u>5, 496</u>	<u>13, 378</u>
Total program obligations, funded .....	13, 134	2, 356	15, 490 1/	10, 554	26, 044
				5375	20865

1/ Includes \$490 thousand proposed for separate transmittal.

2/ Other nonrecurring items deducted from increases.



## MUSEUM OPERATIONS

An increase of \$ 3,257,200 will be required to continue to operate the Smithsonian Institution's museum complex.

### United States National Museum

In the United States National Museum the Institution maintains public exhibits of material collected by its own scientists and scholars, together with much more obtained through other Government agencies and by gifts and loans from individuals, making in all nearly fifty-nine million cataloged specimens. These constitute the foremost collection in the world of all manner of objects relating to natural history, anthropology, geology, paleontology, engineering and industries, graphic arts, numismatics, philately, culture, and technological development of the United States. In addition, the displays include many valuable series from other countries. The museums are visited each year by over ten million people.

#### Need for increase

The United States National Museum will require \$590,000 additional for fiscal year 1966. Preparation and installation of exhibits in the new Museum of History and Technology of the United States National Museum will continue in fiscal year 1966. It is expected that at least 10 additional halls will be opened to the public in that year. Additional funds are needed so that the Museum of History and Technology can progress in its traditional and forward-looking programs in research, education, selective collecting, and publication; and maintain its scholarly character and leading position among museums of the world.

545,000 MHT  
45,000 EPH.

Additional curators are required to conduct historical research related to planning and authenticating additional scholarly exhibits, to administer and document the growing collections, and to supervise the museum's public services which have increased greatly since the opening of the new Museum of History and Technology building. Technicians, specialists, and clerical employees are needed to support the curators in their professional work.

Curators need more travel funds to examine collections and exhibits being offered with increasing frequency; to attend professional scientific meetings where, in addition to participating in meetings, they can consult with historians, scientists, and engineers on the selection, accession, and preservation of objects and documents to record historical developments; and to meet with historians on new programs of museum-oriented research stimulated by the new Museum of History and Technology.

Additional funds are needed to complete exhibits in the new Museum of History and Technology, including restoration of early musical instruments, vehicles, and paintings; dismantling, repair, and re-erection of early machines, contracting with specialists to research and report on historical and scientific developments; preparation of specifications of models of machines, vehicles, science demonstrations, and early instruments; design and specifications for special exhibition cases and other exhibition units; fees to experts and authorities for lectures and to musicians for demonstration of restored early musical instruments in the collections; supplies and materials such as lumber, steel, paints, chemicals, office supplies, cleaning materials, glass, plastics; exhibition bases, panels, fixtures, models, dioramas, and exhibition objects.



Plan of work

To employ 15 curators, 1 technical writer, 16 museum specialists and technicians, 10 typists and stenographers, and 4 aids (46 positions- \$338,000) and to provide personnel benefits (\$24,500); travel (\$7,500); other services (\$35,000); supplies and materials (\$20,000); and equipment (\$165,000).....\$590,000

National Air Museum

The National Air Museum has in its custody probably the world's greatest collection of aircraft, instruments, and other objects related to aviation. The emphasis on space flights has greatly increased the Air Museum's responsibilities to record space history and properly preserve space flight equipment. At present nearly all the great treasures of this museum are in storage. Many of these will be exhibited in the proposed new National Air and Space Museum when it is completed. Planning for the construction of this new building will be completed in 1965 and construction funds are being requested in 1966. The limited number of objects now exhibited in the temporary hangar-type building are most popular and attracted 1,854,000 visitors in fiscal year 1964.

Need for increase

An increase of \$604,000 is required for the National Air Museum's exhibit planning program which includes the selection of specimens to be displayed and areas for display, determination of methods of installations and display, scheduling exhibits preparation, and for the restoration and preservation of historic aircraft, engines, and accessories in preparation for exhibition when the proposed new National Air and Space Museum is completed.

*and developing programs to maintain and*

Included among the requested new staff members are exhibits specialists and technicians. Additional travel funds will permit new curators to inspect potential collections offered as additions to the collections and to attend and participate in meetings of professional, scientific, and historical societies.

More funds are required to contract with experts and exhibits specialists and for repairs to heavy-duty handling equipment.

The additional staff, the newly-established exhibits laboratory, and the restoration and preservation department will require additional supplies and equipment. Of the equipment increases, \$131,000 will be nonrecurring.

Plan of work

To employ 1 assistant director of the National Air and Space Museum, 4 exhibits specialists, 3 curators, 2 cabinetmakers, 11 technicians, 8 clerks and stenographers, 15 aircraft mechanics and 5 helpers (49 positions - \$292,400); and to provide personnel benefits (\$21,600); travel (\$6,000); other services (\$91,000); supplies and materials (\$26,000); and equipment (\$167,000).....\$604,000

National Armed Forces Museum Advisory Board

The National Armed Forces Museum Advisory Board was established by Act of August 30, 1961, which also authorized expansion of the Smithsonian Institution's facilities for portraying the contributions of the Armed Forces of the United States. The current objective of the Board is to assist the Board of Regents by preparing recommendations for submission to the Congress with regard to (a) acquiring lands and buildings in and

near the District of Columbia for the display of military and naval collections; and (b) acquiring for the collections of the Smithsonian Institution unique military objects.

Need for increase

An increase of \$69,200 is required to carry out the above objectives. Funds are needed to employ additional staff who will pursue a comprehensive investigation of lands in the District of Columbia in terms of their adaptability to the reconstruction of historic military and naval facilities and for the display of significant collections of objects that are not appropriate for Smithsonian military exhibits on the Mall.

Additional travel funds are required for visits by staff members to numerous Armed Forces installations and agencies to discover military objects which are especially appropriate for the collections and to initiate action for acquiring such objects in advance of their deterioration or destruction. Included in this request are increases for contractual services for further detailed site studies of lands suitable for the display of military collections. Funds are included also for office supplies and materials and for the nucleus of a library.

Plan of work

To employ 2 curators and 1 typist (3 positions-\$23,000) and to provide personnel benefits (\$1,700); travel (\$2,200); other services (\$37,000); supplies and materials (\$300); and equipment (\$5,000)... \$69,200

Proportionate share of other expenses, as justified on page B-40 .....	\$316,000
Proportionate share of increases for the Buildings Management Department, as justified on page B-45 .....	455,400
Proportionate share of increases for rehabilitation of buildings, as justified on page B-47 .....	179,000
Proportionate share of increases for administrative and service units, as justified on page B-49 .....	740,200
Proportionate share of miscellaneous increases for personnel compensation and benefits, as justified on page B-54 .....	303,400



ART GALLERY OPERATIONS

The Freer Gallery of Art, the National Collection of Fine Arts, and the National Portrait Gallery are maintained by the Smithsonian Institution under this appropriation.

An increase of \$1,881,100 is required in fiscal year 1966 for additional staff, equipment, and related expenses necessary for the National Collection of Fine Arts and the National Portrait Gallery to prepare to occupy the F Street Building after its renovation; and for the development of the public art services assigned to their respective responsibilities, including the expansion of the present traveling exhibition program in order to supply schools, community groups, and community centers throughout the states with a variety of art and educational material through the use of the artmobiles and other exhibition media.

It is anticipated that the remodeling of the F Street Building will be completed in November 1966. The time is short for the planning, assembly, and preparation of exhibits. Sharply accelerated activity must take place in fiscal year 1966. Entire new museum departments must be developed in that year. Expansion of staff, services, facilities, and exhibition material must be provided in order that the Smithsonian will have firm grounds on which to launch a major campaign for private contributions of works of art.

Before the new Gallery can be opened to the public, there must be a major refurbishing and expansion of the present Government collections and also, most critically, the supplementation of these collections by millions of dollars' worth of art gifts and loans. Because of the



size of the total project as well as the time element involved, this must be regarded as a major undertaking of unprecedented importance to the Institution's responsibilities in these fields of history and culture.

#### Freer Gallery of Art

The Freer Gallery of Art was established for the display of great collections of art and as a center for the specialized study of the art of the Far East and the Middle East.

#### Need for increase

An increase of \$15,000 is requested for the Freer Gallery of Art to handle the increasing workload in the slide-loan service and the curatorial department of Chinese Art.

#### Plan of work

To employ 1 library assistant, 1 secretary, and 1 clerk-typist (3 positions - \$14,000) and to provide personnel benefits (\$1,000)... \$15,000

#### National Collection of Fine Arts

The National Collection of Fine Arts, a bureau of the Smithsonian, is the oldest gallery of art directly related to the United States Government. The bureau is maintained for the statutory purposes of conserving and exhibiting art belonging to the Government, the development of appreciation of American art of the past, and the encouragement of contemporary creative effort. Many notable paintings, largely by distinguished Americans, have been added to the national collections under the care of the National Collection of Fine Arts, and restoration of some of these works has been carried on. Despite many generous gifts of art by private citizens, the collections are far from presenting a broadly representative survey of American art. The functions of the bureau

which have to do with education and encouragement of creative effort have been implemented to a very small extent, though the one activity which has been systematically developed--the Traveling Exhibition Service--has proven most successful and valuable.

Need for increase

An increase of \$324,100 is requested for the National Collection of Fine Arts for the increased activity in preparation of the valuable works of art for exhibition in the remodeled F Street Building, and for the development of the physical plant and staff needed to plan and administer the expanded activities. The increase is needed to provide for the staff and the material required to record, examine, and maintain the valuable works of art; purchase paintings and frames, cases, and other exhibition appurtenances, and prepare educational material which will assure the broadest and fullest use of the collections. Special equipment and facilities for the analysis, study, and display of art must be acquired as soon as possible. Additional office and workroom materials are needed to establish a conservation department, to care for the restoration of paintings, prints, drawings, and objects of stone, metal, and wood.

While active preparation for the move to the new Gallery is in progress, the bureau must continue its assigned public services in connection with the exhibition of art and furnishing of information. These valuable services that have been inadequately supported in the past now require increased funds in order to perform the national service of promoting appreciation and understanding of art as authorized by the Act of May 17, 1938.

### Plan of work

To employ 1 special assistant, 2 curators, 1 administrative officer, 1 conservator, 1 librarian, 1 assistant curator, 1 photographer, 1 registrar, 1 information specialist, 5 museum aids, 2 clerical assistants, and 1 library assistant (18 positions - \$127, 800) and to provide personnel benefits (\$9, 300); travel (\$9, 200); other services (\$72, 000); supplies and materials (\$20, 800); and equipment (\$85, 000).....\$324, 100

### Artmobiles and Packaged Exhibits

An Office of Community Exhibits will be established pursuant to existing statutory authority under the leadership of the National Collection of Fine Arts. This office will administer programs for the circulation of artmobiles and packaged exhibits with the cooperation of regional museums and state organizations. The special emphasis of this office will be to provide low cost exhibitions and materials for wide use in schools, libraries, and other community centers so that instruction and appreciation of the fine arts can be facilitated throughout the country. The artmobile offers the greatest ease of installation, the greatest security to the objects, and the best-controlled display conditions.

The Office of Community Exhibits will also plan and develop crated exhibits for circulation through schools and libraries. A goal of 10 such exhibits is proposed for the first year, to be followed by 20 additional exhibits each year until a total of at least 100 shows are in circulation throughout the United States.



To support the Office of Community Exhibits and provide the means to preserve, study, and present publicly America's art heritage, plans have been developed to collect material concerning American art, provide study facilities, conserve Government-owned art in danger of serious damage or destruction, and produce educational materials, brochures, reproductions, slides, filmstrips, and lectures needed by schools and art centers. In addition, the statutory purpose of encouraging contemporary creative effort will be carried out by initiating studies and providing limited support to selected programs of museums and other organizations offering awards and scholarships, and by encouragement of commissions for superior public art.

The functions planned for the National Collection of Fine Arts amount to a recognition of the full responsibilities assigned that bureau by statute. The program has been deferred in years past primarily because of the crippling lack of an adequate building to serve as the home for the National Collection of Fine Arts. The authorized acquisition and renovation of the original Patent Office Building has now made feasible the achievement of the purposes for which the National Collection of Fine Arts was instituted by the Congress.

#### Need for increase

An increase of \$1,000,000 is requested for the expansion of the present exhibition program in order to furnish schools, community groups, and local centers with a variety of art and educational materials--painting, sculpture, architecture, graphic arts, photography, and industrial arts. Staff members will be required to travel extensively throughout the United States to collect information and visit

museums. A wide variety of information on art, especially the National collections and exhibits, will be published and made available at both a scholarly and popular level. The American Art survey presented by the Smithsonian will be strengthened through purchases. Funds are required to contract for the development of art exhibitions at a community level through the use of artmobiles; operation and maintenance of the artmobiles; restoration and preservation of art belonging to the Government; and the establishment of an American Art Study Center.

The program contemplates acquisition of automotive equipment (truck-trailers) without cost to the Government. Should such gifts not materialize, the program would be adjusted accordingly, in order to provide a balanced effort including the purchase of equipment.

Plan of work

To employ 1 program director, 2 assistant program directors, 4 curators, 1 archivist, 1 conservator, 1 editor, 2 information specialists, 2 research assistants, 1 assistant curator, 2 museum technicians, 7 secretaries, and 6 clerical assistants (30 positions - \$197,500); and to provide personnel benefits (\$14,500); travel (\$20,000); printing and reproduction (\$10,000); other services (\$581,500); supplies and materials (\$48,500); and equipment (\$128,000).....\$1,000,000

National Portrait Gallery

The National Portrait Gallery, established by Public Law 87-443, dated April 27, 1962, is charged with the responsibility to collect and exhibit portraiture and statuary depicting men and women who have made significant contributions to the history, development, and culture of the people of the United States from its earliest period of discovery to



the present. There will be established as an essential part of the Gallery a center for American iconography, biography, and historical study.

Need for increase

An increase of \$320,400 is requested for the National Portrait Gallery to continue its expanding program of planning the exhibition of portraits and other objects in the new Gallery. This involves extensive research, location, and acquisition of portraits and sculptures; restoration and care of portraits and other art objects which are acquired; the establishment of records of materials available immediately for transfer to the Gallery or which may be available for loan or later acquisition; the preparation of a detailed script for each exhibition hall of the Gallery; and the acquisition of related reference works.

The acquisition of a representative collection of portraiture for a truly national gallery is an undertaking of major importance. The history of the development of the outstanding galleries of the world attests to the scale of effort needed to achieve the excellence of their collections.

Plan of work

To employ 1 historian (biographer), 1 curator, 1 editor, 1 administrative assistant, 1 assistant curator, 1 museum aid, and 2 clerk-typists (8 positions - \$61,900) and to provide personnel benefits (\$4,500); travel (\$7,000); printing and reproduction (\$20,000); other services (\$123,000); supplies and materials (\$18,000); and equipment (\$86,000).....\$320,400

Proportionate share of other increases, as justified on page B-40 .....	\$38,000
Proportionate share of increases for administrative and service units, as justified on page B-49 .....	153,600
Proportionate share of miscellaneous increases for personnel compensation and benefits, as justified on page B-54 .....	30,000

## SCIENTIFIC RESEARCH AND EXCHANGE OF SCIENTIFIC INFORMATION

An increase of \$ 5,495,900 will be required for scientific research and exchange of scientific information. The Smithsonian, one of the leading scientific centers of intellectual life of our Nation, requires additional funds for performing basic research urgently needed to contribute to the advancement of scientific knowledge. These diversified programs are explained in the following paragraphs.

### Smithsonian Astrophysical Observatory

The Smithsonian Astrophysical Observatory requires an increase of \$883,800 for the conduct of basic research of the solar system, including the earth and its atmosphere, and of the stars, galaxies, and interstellar matter. The fundamental importance of basic research is generally recognized in this technological age. The national emphasis on the multi-billion dollar space program clearly justifies the modest increase requested for the basic research programs carried out by the outstanding scientific staff of the Astrophysical Observatory.

Research in the earth's atmosphere, the atmospheres and surfaces of other planets, the moon's gravitational potential, interstellar matter, meteoritic matter in the solar system, and mineralogical analysis are fundamental to an advance in space science and technology. In addition, the Observatory is studying the theory of meteors in the earth's atmosphere, comets, and making solar and stellar observations.

One major project, "Celescope," has as its primary goal the obtaining of ultraviolet star data by use of satellite-borne instrumentation.

The key ingredients in the successful research program of the Astrophysical Observatory are outstanding leadership and staffing and the timely

provision of support and facilities when needed. The central purpose is to permit scientists to conduct effective research and to document and publish the knowledge gained.

Need for increase

In fiscal year 1966, the Astrophysical Observatory plans to study the feasibility of a substantial program in radio astronomy. This is a most promising new area for exploration by the Observatory, prospectively in collaboration with Harvard, Massachusetts Institute of Technology, and Lincoln Laboratory. Funds are required to obtain preliminary design studies for a radio antenna several hundred feet in diameter. This instrument will be a major undertaking and may prove to be of the greatest importance to the science of radio astronomy.

Additional staff and related costs, including services for preliminary and engineering design studies, are also required for a large combined optical and microwave telescope for the detection of Cerenkov radiation from cosmic rays <sup>and gamma rays</sup> of high energy gamma rays from discrete sources in space, and for general use as a microwave radio antenna for detection of millimetric (6 to 8 millimeters) wavelength. This is an area of unexplored potential for new knowledge. *This design and development effort is currently being initiated to study the feasibility of such a project.*

Staff and related expenses are included for studies of radiation, stellar atmosphere, and spectrograph. Specialized equipment and instrumentation will be purchased. Travel funds will be increased for a wider participation of Astrophysical Observatory staff in scientific meetings in order to promote exchanges of information with astronomers throughout the world.



2.1  
Plan of work

To employ 4 physicists, 2 astronomers, 1 senior programmer, 1 technician, and 1 aid (9 positions - \$94,000); and to provide personnel benefits (\$6,800); travel (\$16,000); rents, communications, and utilities (\$43,000); other services (\$528,000); supplies and materials (\$32,000); and equipment (\$164,000). . . . . \$883,800

Radiation and Organisms

The Division of Radiation and Organisms requires an increase of \$132,000 to further fundamental research concerned with the effects of solar and ionizing radiation in biological systems. Increases in population have focused particular attention on controlling and improving food sources and necessary to this end is the understanding of basic growth and development of organisms. Ultimate success has not been achieved in any area of this research. Little is known about the precise mechanism by which radiation regulates metabolism; little is known concerning the structure and function of large molecules involved in energy storage. Seasonal changes in spectral quality of solar radiation have never been measured and correlated with plant responses. Marine biology research is aimed toward adequate understanding of the physiology and biochemistry of the occurrence, behavior, and potential harvest of marine organisms.

Need for increase

The present research activity has demonstrated the need for a laboratory technical officer to coordinate research facilities, specify and order scientific supplies, supervise the design and construction of specialized equipment in research areas, and prepare drawings for publication in scientific journals.



A professional employee is required for the biological program to develop and conduct studies on the effects of ionizing radiation in cells and tissues and on the rates of growth and changes in radiosensitivity in order to discover pathways through which ionizing radiation effects are manifested. This demonstrates the control mechanisms of such processes as heredity in living organisms. Additional laboratory technicians are required to support the scientists in their research. These additional positions will bring the ratio of technicians to scientists a little closer to an adequate balance.

Commensurate increases in travel and supplies are requested. Equipment capable of greater production and technological accomplishment in terms of volume, precision, and increasing complexity is required for the recently enlarged research facilities, including laboratory benches, culture rooms, microscopes, radioisotope equipment, and similar equipment.

#### Plan of work

To employ 1 cytogeneticist, 1 laboratory administrative officer, 3 laboratory technicians (5 positions-\$34,400); and to provide personnel benefits (\$2,600); travel (\$500); other services (\$500); supplies and materials (\$2,000); and equipment (\$92,000 <sup>of which \$89,500 is</sup> nonrecurring)..... \$132,000

### Canal Zone Biological Area

An increase of \$111,200 is requested for the Canal Zone Biological Area to continue its development as a front-ranking center for tropical biology. The Canal Zone Biological Area is uniquely suited for biological research in that it is located in a relatively unspoiled tropical jungle area where native animal and plant forms may live without human interference. It is equipped with laboratories, a library, living quarters, and facilities for research in botany, zoology, geology, and certain aspects of meteorology. These structures are of simple construction and limited in size but do serve admirably for the present scale of the program.

An index of flora and fauna indigenous to the island is maintained. Research studies are conducted by resident Smithsonian staff as well as visiting Smithsonian and other scientists.

Biological research in the tropics is particularly significant and timely because of the increasing world-wide recognition of critical problems of biological association centering in tropical regions. The results of such studies increase understanding of fundamental processes and are of practical as well as theoretical value.

#### Need for increase

Funds are requested to add a herpetologist (reptile specialist) and an entomologist to the limited professional staff of three in order to broaden the scope of activities and permit studies of most of the major classes of animals that are common in the New World tropics. The addition of these specialists would make the Canal Zone Biological Area more useful to scientists and students of other institutions. The anticipated increased

activity at the Canal Zone Biological Laboratory will necessitate the addition of several employees for the maintenance and operation of the facility.

Increases in travel and transportation are needed for transportation of the new employees and their household effects to the Canal Zone. The expanded research program will result in the need for additional supplies and materials and for maintenance services for complex recording and electronic equipment.

A nonrecurring item of \$17,000 is included for the purchase of equipment to record vocalizations of birds and mammals being studied; for air conditioning units for the laboratory; and for specimen cabinets and bookshelves.

Nonrecurring funds are needed also to construct additional living quarters for the new scientists and a dormitory-style building for visiting students. The Smithsonian, in fiscal year 1965, plans to organize a series of institutes to be operated in cooperation with United States universities that have expressed the need of just such tropical surroundings. It is now felt by many university administrators that all students in biology should have contacts with tropical surroundings early in their careers. The universities would provide leadership and instruction in such institutes, and the Canal Zone Biological Area would furnish the facilities and certain staff advice.

Plan of work

To employ 1 herpetologist, 1 entomologist, 1 clerk-messenger, 1 guard, 2 helpers, 1 cleaning woman (7 positions-\$33,400); and to provide for additional part-time employment (\$3,200); personnel benefits (\$2,600); travel (\$4,000); transportation of things (\$2,000); other services (\$5,000); supplies and materials (\$4,000); equipment (\$17,000); and lands and structures (\$40,000).....\$111,200



United States National Museum

The United States National Museum requires an increase of \$2, 176, 700 to accelerate its research programs, including \$862, 000 for oceanography, \$100, 000 for studies of species information, and \$132, 500 for the Conservation Department.

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Museum of Natural History

The Museum of Natural History is the national institution for systematic biology, anthropology, and mineralogy. Systematic biology is the study and scientific identification of both plants and animals and their populations, including their comparative structures, geographic distribution, evolution, and inter-relations with their environment in nature, the latter termed ecology. The research of the scientists in this Museum is unique in that it is based on vast collections amounting to millions of specimens, which have resulted from field work and donations and are representative of the natural history of the world. Research programs are necessary to make these national collections fully useful to all systematic biologists by comprehensive assembling of specimens, preservation in a protective repository, scientific examination and classification, and publication of the results of expeditions and studies.

Taxonomic revision of scientific names and classification of specimens, new observations advancing biological theory and practice, and the promotion of inter-relations of systematics with other fields of science are other significant products of this research.

Anthropological studies, also based upon outstanding national collections, are concerned with compiling an ever more precise record

NATIONAL AIR AND SPACE MUSEUM  
ARCHEOLOGICAL  
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of the history of man and his culture, achieving a more profound understanding of his physical nature and his way of life.

Similarly, mineralogical studies are made relating to the earth itself and to those rare accretions from outer space, the meteorites. The Museum has one of the world's most comprehensive collections of minerals and meteorites. Knowledge of the chemical composition, history, and distribution of minerals and rocks is essential to the Nation's economy and to its space exploration effort.

#### Need for increase

The Museum of Natural History requires an increase of \$1,082,200 for research as described above. The need for added laboratory space to house these unique collections and to permit additional research associated with the collections was recognized at the time that construction of the major building additions to the Natural History Museum was initiated. It will be possible in the fiscal year 1966 to utilize these new laboratory facilities to full advantage, reflecting the greatly increased availability of space and analytical equipment.

New positions are required primarily for sub-professional technicians and clerical assistants to provide supporting services for the research staff, to meet increasing demands for identifications, and to provide assistance to other research workers and members of the public. The addition of the technical aides requested here will permit a ratio of three technicians to every two professional scientists on the staff, in response to a recent survey of needs. While this figure is below the optimum ratio derived from studies by the Department of Labor and the Civil



Service Commission, it will permit great improvement in manpower utilization and museum services, and result in technical training experience that may be utilized by other institutions throughout the Nation. Other personal service increases are for professional staff needed to work in the fields of archeology, fungi, invertebrate and vertebrate zoology, paleobotany, and ecology, including a small but intensive and fundamental research program on the organisms of soils. In these fields, knowledge is not now being derived from the national collections to an appreciable extent. Scientific travel funds are vital to research and consequently an increase in such funds is required commensurate with the greater scale of research programs. These funds are used by the scientific staff for field expeditions, to study important collections at other museums, and to attend and participate in national and international scientific meetings.

An amount is included for rental of research privileges at Ivy Neck, Maryland, for the conduct of ecological research. This area is uniquely valuable because it is adjacent to the Smithsonian's field biology station, recently acquired by a bequest to the Institution. These areas are among the few remaining relatively unspoiled areas on the west shore of the Chesapeake Bay, and their convenience to Washington and Baltimore is expected to stimulate new studies relating the laboratory and field aspects of the study of animal behavior and plant distribution, population studies of marine and estuarine animals, and the growth of plants under varying experimental conditions.

NATIONAL AIR AND  
SPACE MUSEUM

ARCHEOLOGICAL

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Funds are requested for the payment of fees, traveling expenses, and subsistence for visiting specialists, primarily in ecology to advise on the early phases of research, and for other contractual services required.

Alcohol and preservatives, glassware for preserved specimens, cardboard trays and boxes, microscopes and associated illuminators, photomicrographic apparatus, and equipment for a new soil biology laboratory are representative of the added equipment requirements of the scope of programs planned.

#### Plan of work

To employ 1 assistant director for ecology, 2 zoologists, 2 geologists, 4 ecologists, 1 microbiologist, 1 botanist, 1 physical anthropologist, 1 ethnomusicologist, 1 ethnologist, 1 paleobiologist, 1 editor-writer, 9 administrative assistants, 3 illustrators, 2 museum specialists, 66 technicians, 27 clerks, stenographers and typists (123 positions - \$765,000); and to provide personnel benefits (\$54,700); travel (\$31,000); rents, communications, and utilities (\$41,000); other services (\$80,000); supplies and materials (\$20,000); and equipment (\$90,500)..... \$1,082,200

#### National Oceanography Program

The Museum of Natural History plays an important role in the National Oceanography Program. The Museum is responsible for collecting, identifying, describing, grouping, and characterizing the organisms and sediments in the world ocean. More than thirty million names have been given to the seemingly infinite variety of forms of life on earth. It is the purpose of the Museum's oceanography program to determine the validity

of the names of organisms living in the ocean and to describe the many new species of organisms which are collected in the National Oceanography Program.

The work of the Museum is a first step in the utilization of the ocean's resources. We will collect, identify, and predict the occurrence of organisms which are sources of antibiotics, pharmaceuticals and other substances; which cause the fouling of ships of commerce and the military; which are necessary in experiments leading to the understanding of human health; which have potential for production of food for the underfed humans in the world; and which lead to understanding the origin and evolutionary history of man.

The scope and purpose of this program have been developed with the approval of the Interagency Council for Oceanography and in principle by the Federal Council for Science and Technology.

It is now proposed to add specialized professional and sub-professional staff members in order to provide competence in numerous fields of biology not now available to the program; and to enable the Museum to accept a part of the tremendous increase in workload arising from the national oceanographic effort.

#### Need for increase

Additional scientists are needed to broaden capability of the museum and to provide a minimum staff to accept oceanographic collections for preservation, storage, and study. Botanists, sedimentologists, zoologists, geologists, paleobiologists, and plankton specialists are urgently needed



in order to contribute their special skills and knowledge to the unlocking of the vast complexities of biological oceanography.

Sub-professionals and clerical workers are essential to provide the assistance required to make maximum use of the professional capabilities of the principal investigators. The number needed is based on studies made by advisory committees of the Smithsonian Institution and other agencies with the view of providing more nearly for an optimum balance between professional and sub-professional services.

Travel funds are required in order to examine type collections in museums throughout the world, to inspect and participate in work aboard oceanographic research vessels, and to accept and return collections at research centers throughout the country.

Additional funds are required as a share of the cost of the operation of research vessels, to charter small vessels for work on approved programs, and for expenses involved aboard ship for Smithsonian scientists at sea. A commensurate increase in supplies is required for the increased staff.

Increased funds for equipment are required because of the increased activity of the oceanography program. Equipment is required for the collections, qualitative and quantitative analysis, preservation, storage, and shipment of oceanographic materials.

#### Plan of work

To employ 4 plankton specialists, 1 sedimentologist, 1 systematic botanist, 6 systematic zoologists, 3 paleobotanists, 1 geologist, 1 paleobiologist, 2 museum specialists, 2 administrative assistants, 8 museum

technicians, 31 museum aids, and 9 secretaries and typists (69 positions - \$441,000); and to provide for personnel benefits (\$32,000); travel (\$13,500); other services (\$120,500); supplies and materials (\$18,000); and equipment (\$237,000). . . . . \$862,000

Studies of Species Information

Funds amounting to \$100,000 are required to study the information problems of systematic biology. Rapid increases in the rate of discovery, description, and naming of new organisms, especially in oceanography, have demonstrated the inadequacy of current methods of recovering information from published literature and museum catalogs, for example by the abstracting and indexing of technical literature.

Feasibility studies of new methods of publishing species names and the application of modern automatic data processing to the scientific nomenclature will be carried out and tested in the day-to-day activities of the Museum's team of systematic biologists, the sorting operations of the Smithsonian Oceanographic Sorting Center, and the cataloging operations for its collection. Better procedures for coding, filing, and retrieving information in systematic biology could release valuable hours of labor to more productive pursuits. Such studies will be immediately related to the Institution's problems and opportunities but will also be conducted so as to benefit systematic biology throughout the Nation.

Need for increase

The increase would be used for a feasibility study designed to (1) test all aspects of the data processing program to determine its adaptability and efficiency in the field of natural history, and (2) determine



the long-range cost of installing and operating such a program on a full-scale basis.

Plan of work

To provide by contract for rental of medium-sized computers, together with necessary code clerks, equipment operators, systems analyst, and associated supplies.

Other services .....\$100,000

Conservation Department

An increase of \$132,500 is requested for staffing and equipping the necessary conservation of museum objects program of the United States National Museum.

The conservation of museum objects of great intrinsic, historical, and scientific value, is the primary responsibility of the National Museum. The poor condition of large and valuable collections of museum objects was revealed by the moves of collections into the new Museum of History and Technology and into the new East Wing of the Museum of Natural History. Many unique and irreplaceable objects required to be used in the new exhibits in the Museum of Natural History and the Museum of History and Technology must be scientifically examined, restored, and protected from deterioration by trained conservators.

Conservation has been neglected for other pressing professional work just as the exhibits of the national collections were neglected up to 12 years ago. A conservation program is now required to be established just as the exhibits renovation program was required. The urgency is greater, as deterioration feeds upon itself and is accelerated if not arrested.

The poor condition of national collections of archeological, ethnological, scientific, historical, mechanical, graphic arts, and other classes of objects requires a museum-wide conservation program of large size and scope. Institutions abroad which are similar in scope and size to the National Museum have conservation laboratories occupying entire buildings with staffs of 50 or more trained conservators.

Conservators are needed to examine objects and perform research in the requirements and methods for preservation; others are required to perform the conservation work on many thousands of objects made of brass, bronze, copper, iron, steel, wood, stone, paper, leather, feathers, wool, cotton, silk, synthetic fibers, plastics, cord, skins, sinew, mineral and organic pigments, and many others.

In the brief existence of the small Conservation Laboratory located in the new Museum of History and Technology, a large backlog already exists of work requisitioned by the responsible curators.

Plan of work

To make a substantial start on this overwhelming project, the following increases in positions and other expenses are required.

To employ 2 chemists (physical science technicians), 1 conservator (textiles), 1 conservator assistant (metal), 1 conservator assistant (paper), 1 conservator assistant (textiles), 1 conservator assistant (wood), and 1 information scientist (8 positions-\$54,000); and to provide for personnel benefits (\$4,000); travel (\$3,000); other services (\$2,500); supplies and materials (\$8,000); and equipment (\$61,000).....\$132,500

Of the equipment increases requested, \$41,000 is nonrecurring.

ested. ))

Research formerly funded by the  
National Science Foundation

Included in the request is an increase for scientific research in the amount of \$350,000, an amount equal to the average annual obligations financed through grants received by the Smithsonian Institution from the National Science Foundation over the past two years.

During the last decade, the scientists of the Institution have successfully competed for and received increasing amounts of grants for scientific purposes from the Foundation. These funds have been used by the staff to make possible a more comprehensive research and study program than could be financed by direct appropriations. Such funds have been used for travel to scientific meetings, the financing of expeditions, procurement of special supplies and equipment for experiments and studies, purchase of scientific specimens, and similar contributions to the objectives of the Institution's research programs, primarily in the field of natural history.

An increase is requested in the annual appropriation of the Institution in the amount of \$350,000 to offset the prospective withdrawal of this supplemental financial support normally received from the Foundation.

Need for increase

In order to comply with the intent of the proviso in the Independent Offices Appropriation Act for fiscal year 1965, prohibiting transfer of funds from the National Science Foundation to "any other agency of the government for research without the approval of the Bureau of the Budget," the Institution plans to discontinue submission of grant applications for



such research. The intent of the proviso is understood to be that Government agencies should obtain appropriations for their research directly from their own Congressional Committees.

It is planned to allocate the requested appropriated funds on the comparative merits of research proposals submitted by staff members. Review panels and the same standards of excellence used by the National Science Foundation will be employed in administering these funds.

Plan of work

To employ professional and sub-professional research staff members (20 temporary positions - \$154,000); and to provide funds for personnel benefits (\$6,000); travel (\$70,000); other services (\$60,000); supplies and materials (\$15,000); and equipment (\$45,000) ..... \$350,000

Proportionate share of other increases, as justified on page B-40 ..... \$374,000

Proportionate share of increases for the Buildings Management Department, as justified on page B-45 ..... 351,000

Proportionate share of increases for rehabilitation of buildings, as justified on page B-47 ..... 120,500

Proportionate share of increases for administrative and service units, as justified on page B-49 ..... 678,900

Proportionate share of miscellaneous increases for personnel compensation and benefits, as justified on page B-54 ..... 317,800



OTHER INCREASES<sup>1/</sup>

8) An increase of \$728,000<sup>500,000</sup> is required for <sup>Education and Training</sup> fiscal year 1966 for national and international programs of cooperative research; and for expenses of the observance of the Bicentennial of the birth of James Smithson.

Cooperative Research and Training

Included in the above is the sum of \$560,000<sup>a</sup> for programs of <sup>Education and Training at</sup> cooperative research so that the Smithsonian Institution <sup>is needed so</sup> can more fully meet its objective "to increase and diffuse knowledge" in traditional fields where its facilities and staff can make a maximum contribution to meeting national needs. These programs are designed to communicate research findings and techniques to fellow workers in other museums and educational institutions and afford to them opportunities to use the research facilities of the Institution. The programs have been designed to contribute to the productivity of Smithsonian scholarship and research through the direct stimulation afforded by graduate students undertaking their own research for the first time and the intellectual discipline imposed by the need to give more frequent expression to working ideas and the objectives of study. Senior workers will provide program and management advice, and their resulting familiarity with Institution programs is expected to contribute to recruitment objectives. A limited program of conferences is planned for those areas of science and learning where direct discussion is required for their advancement.

It is proposed to enter into a contract in the amount of \$180,000 annually with the National Academy of Sciences, whose advisory panels will select twelve visiting associates (postdoctoral) to do advanced

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1/ Proportionate share will be distributed to each major activity.

research in the biological and physical sciences and in the history of science and engineering.

The Smithsonian Institution, a leader in the national museum community, in cooperation with the American Association of Museums, will offer two training courses in museum techniques for the staff members of other museums at an estimated total annual cost of \$50,000. The courses would involve the conservation of objects and collections, visitor reaction and learning experience, and the modernization of cataloging techniques. This program is expected to strengthen the service of museums to their respective communities.

By contract averaging \$50,000 annually with the Organization of American States, which will match this amount with its own funds, the Institution will provide opportunities for Latin American scientists to use the facilities of the Museum of Natural History, the Canal Zone Biological Area, or similar field stations in the New World tropics for advanced research into natural conditions and wild populations of plants and animals of Latin America. The Institution has traditional commitments and specialized collections in this area, but opportunities for the advancement of knowledge are not being satisfactorily met. This program of postdoctoral resident research associateships should expand Latin American manpower resources and ultimately lead toward a more satisfactory rate of progress in advancing fundamental knowledge about important biological problems, upon whose solution economic development often depends.

It is proposed to offer opportunities to twenty graduate students to complete research leading to the award of the Ph. D. degree by their home universities upon approval of projects executed at the Smithsonian.

Each research project will be approved in advance by a Smithsonian supervisor who will extend guidance to the interne during the life of the project. The predoctoral internes will be assigned to the Museum of Natural History, Museum of History and Technology, Astrophysical Observatory, Radiation and Organisms, and the Canal Zone Biological Area. Candidates in shortage category fields will be given first preference, especially where their interest relates to Institution work which has not been completed for lack of suitable candidates for appointment to the staff. A thorough inventory of such opportunities has been carried out for publication as a booklet listing the principal research opportunities at the Smithsonian Institution, for wide distribution to other museums and university departments. The estimated annual cost of this program is \$153,000...

It is estimated that \$45,000 will be required for the attendance of outside participants at conferences of the Smithsonian. Included are expenses of travel, subsistence, and fees for lectures and other contributions, which will be financed by consultantships and contracts with participating experts, scientists, scholars, historians, and similar authorities.

Funds totaling \$82,000 will be required for staff of 8 and related expenses to administer the above programs including the management of conferences for fiscal year 1966.

86  
45  
41

Comp.

M 230  
23  
241  
494  
Bul 50 S  
BS 115 S  
53 S  
728

8/8 = 66

M - 728,000  
A - 316,000  
S - 38,000  
574,000

% 43 5 52



Plan of work

To employ 1 director, 2 assistants to the director, 1 research assistant, 20 predoctoral internes, 3 secretaries, and 1 file clerk (28 positions-\$183,100); and to provide funds for personnel benefits (\$12,300); travel (\$9,000); other services \$325,000; supplies and materials (\$2,600); and equipment (\$28,000).....\$560,000

International Activities

Funds totaling \$53,000 are included to employ a minimal staff and pay related expenses to supervise and coordinate overseas activities and expeditions in fields of traditional interest to the Smithsonian, anthropology, biology, and geology.

Requests for services and cooperative programs have come from kindred institutions overseas, from American universities, museums and learned societies, and from government agencies most concerned with international cultural and scientific relations. While these requests represent real needs to the asking institutions, they represent an even greater need to the Institution itself because of the Institution's deep commitment to fields of science where further progress depends on our ability to guide and stimulate efforts undertaken by others around the world.

Plan of work

To employ 1 director, 1 deputy director, 1 research assistant, and 1 secretary (4 positions-\$40,000); and to provide for personnel benefits (\$3,000); travel (\$5,000); and equipment (\$5,000).....\$53,000



## Bicentennial Observance

Funds in the amount of \$115,000 (nonrecurring) are included for the observance in September 1965 of the 200th anniversary of the birth of James Smithson, the original benefactor whose bequest of his fortune to the United States made possible the founding of the Smithsonian Institution. The appropriate observance of this event will dramatize the importance and further the high purposes of the Smithsonian's original mandate, "the increase and diffusion of knowledge among men."

It is proposed to observe this Bicentennial through a gathering of distinguished national and international scholars who will present research papers and addresses and participate in seminars and other appropriate ceremonies in Washington.

Contracts will be awarded to participants, including payment of their travel expenses, subsistence, and fees for lectures and other contributions to the Bicentennial. The amount also covers costs related to printing of invitations, programs, tickets, badges, historical brochures, and papers and addresses; honoraria for speakers, rental of academic robes; and design and execution of certain Smithsonian medals and awards.

### Plan of work

Other services .....\$115,000

These increased costs have been distributed as follows:

<u>Activity</u>	<u>Amount</u>
Museum Operations .....	\$316,000
Art Gallery Operations .....	38,000
Scientific Research and Exchange of Scientific Information .....	<u>374,000</u>
Total .....	\$728,000

B M D

SMITHSONIAN INST.  
 BUILDINGS MANAGER  
 F.Y. 1965

				1	9	10	4
				1965	INC 9/15/64	1966	INCREASE
1	No. Pos.	MHT		261	39	300	
2		NH		248	36	284	
3		SI		37	2	39	
4		A+J		78	6	84	
5		CSC		-	-	-	
6		ALL OTHER		93	2	95	
7		TOTAL		717	85	802	
8							
9	11 PERS. Comp.	MHT		1265000	234000	1499000	
10		NH		1230000	158800	1388800	
11		SI		140000	15500	155500	
12		A+J		346000	22500	368500	
13		CSC		-	-	-	
14		ALL OTHER		510000	13500	523500	
15		TOTAL		3491000	444300	3935300	
16					X		
17	12 PERS. BENEFITS	MHT		91000	17000	108000	
18		NH		89000	11600	100600	
19		SI		9000	1100	10100	
20		A+J		23000	1500	24500	
21		CSC		-	-	-	
22		ALL OTHER		38000	1000	39000	
23		TOTAL		250000	32200	282200	
24					X		
25	23 RENT, Comm., &	MHT		301000	70000	371000	
26	UTILITIES	NH		270500	48500	319000	
27	(36,000 Nite open)	SI		30000	14500	44500	
28		A+J		60800	29500	90300	
29		CSC		-	-	-	
30		ALL OTHER		73700	15500	89200	
31		TOTAL		736000	178000	914000	



4910 - Buff  
 8910 - Green  
 4210 - White

SMITHSONIAN INST  
 BUILDINGS MANAGEMENT  
 F.Y. 1965 - 1966

		1	2	3	4
		1965			INCREASE
1	25	MHT	79000	31000 =	110000
2		NH	151000	- 7000	158000
3		SI	7000	-	7000
4		A+J	13500	- 3000	10500
5		CSC	-		
6		All OTHER	19500	- 5000	14500
7		TOTAL	270000	30000	300000
8					
9	26	MHT	95000	15000	110000
10		NH	70400	69100	139500
11		SI	22600	- 8100	14500
12		A+J	48000	500	48500
13		CSC			
14		All OTHER	20000	19000	39000
15		TOTAL	256000	95500	351500
16					
17	31	MHT	6000	31500	37500
18		NH	37000	17500	54500
19		SI	15000	- 13800	1200
20		A+J	12500	- 3300	9200
21		CSC			
22		All OTHER	7500	- 5500	2000
23		TOTAL	78000	26400	104400
24					
25	TOTAL	MHT	1837000	398500	2235500
26		NH	1847900	312500	2160400
27		SI	223600	9200	232800
28		A+J	503800	47700	551500
29		<del>CSC</del>			
		All OTHER	668700	38500	707200
		TOTAL	5081000	806400	5887400

all includes  
 29,000  
 note open.

Misc.  
 Sci.  
 Misc.  
 Misc.  
 Sci.

Plan of work

To provide for the full-year cost of 32 guards, laborers, and mechanics (19 man-years) financed on a part-year basis in fiscal year 1965; and 85 positions (82 man-years in fiscal year 1966) to employ guards, laborers, and mechanics (\$444,500), and to provide funds for personnel benefits (\$32,000); electricity (including air conditioning), gas and steam, and communications (\$178,000); contractual service for preventive maintenance, emergency repair and inspection of elevators and escalators for new facilities (\$30,000); purchase of supplies and materials for protection, cleaning, and custodial services, and repairs and alterations of existing offices and work areas (\$95,500); and purchase of equipment for mechanical shops (\$16,400); and purchase of 2 carryalls and replace one (\$10,000) for a total of \$806,400.

These increased costs have been distributed as follows:

<u>Activity</u>	<u>Amount</u>
Museum Operations .....	\$455,400
Scientific Research and Exchange of Scientific Information.....	<u>351,000</u>
Total .....	<u>\$806,400</u>



	<u>Guards</u>	
	<u>71,817</u>	<u>3223</u>
1965	99	259
1966	107	277
1967	140 est.	—

BUILDINGS MANAGEMENT DEPARTMENT <sup>1/</sup>

The Buildings Management Department will require a net increase of \$806,400 to continue to protect, maintain, and operate all Smithsonian buildings and surroundings. The increase is required in order to operate additional building space in the Museum of History and Technology and the East and West Wings of the Museum of Natural History on a full-year basis. The increase is also required by the increasing number of visitors to these public exhibition buildings. The request includes assisting the exhibits staffs in assembly and installation of exhibit cases, displays, special lighting, and equipment; cleaning all exhibit and installation areas, workrooms, and offices; moving, loading, and unloading; servicing and operating refrigeration, heating, temperature and humidity control systems, and related machinery, accessories, and controls; performing alterations, improvements, and repairs; refinishing and painting all offices, workrooms, and laboratories; assembling, installing, and servicing workroom and special storage equipment; guarding the buildings and national collections; furnishing of all utilities, telephone services, motor vehicles for transportation of museum property and personnel.

Included in the above request is \$65,000, the additional amount required for the operation of four museum buildings for the night hours, April 1 through August 31. Based on the experience of two months in fiscal year 1965, the total cost for five months will be \$365,000, or \$65,000 more than the amount appropriated for the current fiscal year.

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1/ Proportionate share of increase distributed to each activity.

REHABILITATION OF BUILDINGS PROGRAM <sup>1/</sup>

An increase of \$299,500 is requested for the rehabilitation of buildings, to be carried out under the supervision of the Buildings Management Department. The total program is estimated to require \$330,500 for fiscal 1966.

The increase requested includes \$169,000 to restore the amount in the base of this appropriation for the rehabilitation program at the approved 1965 level of \$200,000. Experience has demonstrated this to be the normal level of funding required to maintain the buildings in proper repair. During the current year it has been necessary to re-program \$169,000 of the funds originally available for this purpose to (1) cover the unexpected, additional cost of alterations of space at the Naval Weapons Plant for the Institution's oceanography program, \$74,000, and (2) provide funds for personnel compensation due to an unexpected reduction in the lapse rate, \$95,000.

The balance of the increase, \$130,500, is requested in order to overcome a part of the maintenance deferred in fiscal year 1965.

The following projects are scheduled for fiscal year 1966:

Arts and Industries Building

- |  |          |
|--|----------|
| 1. Replacement of deteriorated and uneven floors in public areas of the building, to improve appearance and eliminate safety hazards. .... | \$75,000 |
| 2. Repairs to deteriorated plastered surfaces and painting of interior of the building. ....   | 30,000   |
| 3. Repairs to exterior masonry, including calking and pointing to eliminate leaks and improve exterior appearance. ....                    | 20,000   |

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1/ Proportionate share of increase distributed to each activity.

Museum of Natural History

1. Painting of exhibition halls and public areas. A schedule of repainting for these areas has been developed to provide for a 3-year cycle with approximately 1/3 of the public spaces to be renovated each year. .... \$25,000

Museum of History and Technology

1. A schedule of repainting of public areas has been developed for this building with the initial phase to begin in 1966 in those areas opened to the public in January 1964. .... 25,000

Silver Hill Facility

1. Revision and additions to electric service, necessary to provide power for increased shop activity and additional equipment for restoration of aircraft and accessories. .... 15,000
2. The completion of the sewer system and installation of toilet facilities in Building 20 is necessary to accommodate the staff. .... 20,000

Belmont (Elkridge, Maryland)

1. Install plumbing and filtering system; pumping system with storage tank; central heating and air conditioning; and kitchen and laundry facilities. .... 45,000
2. Repair and repave entrance roadway, replace wooden bridge, and replace fencing .... 29,500
3. Calking, pointing, and painting interior and exterior of buildings. .... 6,000

Java Farm (near Edgewater, Maryland)

1. Repair building, and install water, electricity, plumbing, sewerage, and heating systems; install partitions and air conditioning; and repair and repave roadway .... 40,000

Total ..... \$330,500

The above increases have been distributed as follows:

<u>Activity</u>	<u>Amount</u>
Museum Operations .....	\$179,000
Scientific Research and Exchange of Scientific Information .....	<u>120,500</u>
Total .....	\$299,500



1965

	1965	Inc	Total
Office of Sec'y	\$ 334.5	70.	404.5
E x P	386.5	219	605.5
Insial	215.0	129.8	344.8
A & A	111.0	160	127.0
Library	322.9 ✓	303.4	626.3
Personnel	163.0 ①	61.2	224.2
Photo	163.1 ✓	89.3	250.4
Registration	172.0	87.0	259.0
Supply	186.0 ✓	151.0	337.0
	\$ 2054.0	\$ 1124.7	\$ 3178.7

448  
1572

54.7 %  
on  
total

% advertised

Personnel

1965	Inc	Total
No. 29	295.0	No. 34 330
14	128.5	12 89.0 26 217.5
14	129.0	12 74.8 26 203.8
11	69.0	3 16.0 14 85.0
32	235.0	37 234.4 69 469.4
13	140.0	8 47.2 21 187.2
18	131.0	12 75.0 30 206.0
21	113.0	6 30.0 27 143.0
14	111.0	11 53.5 25 164.5
166	1351.5	106 654.9 272 2006.4

63.8 %  
on  
staff

48.4 %  
on  
\$ for staff



1/6/64

# Increase Percentages for Administrator Salaries

	Total Program \$ \$ dollars \$	Personnel \$ No. \$ net	
Adm. + service units (esp. Mus Service)	54.7%	63.8%	48.4%
Total S+E -	69.1%	46.6% on <u>man year</u>	45%

Increase on positions 630 over 1582 = 39.8%

Total S + E

Personnel only

Total

No

\$

man yrs.

1965

1438

\$ 10,508

15,400

Inc

671

4,737

10,644

1966

2109

15,245

26,044

% incl.

46.6%

45%

69.1%

*Exp. Mgmt. Service - increase in 54.7% over base.*

*Personnel only 63.8% of people; 48.4% on \$*

*Comp to 69.1% increase over all; 46.6% on people; 45% on \$*

### ADMINISTRATIVE AND SERVICE UNITS <sup>1/</sup>

The administrative and service units will require an increase of \$1,572,700 for additional staff and related expenses in order to provide services and support for the Institution's major programs of research and museum operation. The increase is commensurate with the increased scope of the Institution's activities. This will involve additional personnel and benefits, travel, transportation of things, printing and reproduction, other contractual services, supplies and materials, and equipment.

The Editorial and Publications staff will be concerned with a necessary increase in research manuscripts and publications resulting from the Institution's expanding research and public service programs. It will publish more volumes of research results for study by scholars and as educational and informational materials for the public.

An improvement in library services is required in order to provide an adequate research facility. The Library will undertake the initial phase of recataloging over 500,000 books, now only partially and inadequately cataloged. For constructive action, the professional staff has documented the inadequacies of the Library. In recognition of its indispensable contribution to all scholarly work, additional funds for staff and books must be requested.

The Personnel, Fiscal, and Supply Divisions will each have an increased workload because of the increase in staff, financial transactions, and procurement for the major programs of the Institution.

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<sup>1/</sup> Proportionate share of increase distributed to each activity.

The Photographic Services Division will be required to provide additional services because of new exhibit hall openings; remodeling of exhibition halls; and the addition of new scientific, historical, and art objects for the collections. The completion of the new Museum of History and Technology building and the East Wing of the Natural History building, the near-completion of the West Wing, the National Zoological Park improvements, the additional scientific and technological personnel, together with such expanded programs as oceanography, have greatly increased the demands on the Photographic Services Division for photographs for recording, exhibition, publication, identification, and public information.

The Smithsonian Museum Service will undertake additional programs to develop the public educational potential of the Institution. An increase is requested for the technical planning of a Smithsonian Orientation Facility. This Facility would include exhibits, a motion picture film and theater, and other orientation services to assist the visitor in learning quickly about the Smithsonian and its museums and art galleries.

It is estimated that an appropriate motion picture for the proposed District of Columbia Visitor Center will cost a total of \$140,000. The Smithsonian proposes that this cost be shared on the basis of \$35,000 each by four Government agencies--the Smithsonian Institution, National Park Service, the Civil Service Commission, and the National Capital Planning Commission. Possibly the District of Columbia Government should participate also. Because the Smithsonian is visited by so many of those coming to the Nation's Capital, it has a necessary interest and responsibility to participate in orienting visitors to make their visits more productive and interesting. The purpose of this film will be to acquaint visitors to



Washington with the history and notable attractions of the city and the governmental and cultural activity it serves. In estimating the cost of the film, the need for on-location filming, special effects and lighting, and first-quality artistic and technical competence have been considered, in order that a film worthy of the Nation's Capital may be produced.

The Smithsonian proposes to capitalize fully on the availability of the John F. Kennedy Center during its normal "dark time" by presenting educational exhibitions, lectures, closed circuit television showings, and similar programs related to such subjects as the educational work of the Smithsonian in science, history, and art. A similar program will be instituted in the existing auditoriums of the Institution. Planning will involve travel by present staff to gain the experience of other performing arts centers, consultation with experts in closed circuit television installation, planning for exhibitions, and purchase of equipment such as lecterns, audio-visual equipment, and other devices required for educational presentations.

The additional Museum Service staff will assist in providing tours of the museums for visitors, answering inquiries of a sub-professional character about the collections, preparing manuscripts for popular publications, presenting lectures, and interpreting the collections for visitors.

The additional Public Information staff will assist in providing selected information concerning the Institution and its work, answering inquiries, and providing proper publicity for exhibitions, lectures, special events, and other Smithsonian activities.

The Office of the Registrar will be concerned with an increasing number of requests for transportation of items of wide variety, such as valuable works of art, fragile and delicate pieces of glass, laces and costumes, steam engines and farm machinery, boats, fine and irreplaceable models, delicate pinned insects, preserved skeletons, and skins of vertebrate animals. This will involve additional staff and funds for the payment of transportation. The major portion of the increase is for the expanding programs of oceanography, the National Air and Space Museum, the National Collection of Fine Arts, the National Portrait Gallery, the United States National Museum, and the Supply Division.

#### Plan of work

To employ 1 director, radio, TV, and film productions, 1 director, visitor services, 1 director, museum education, 1 director, public information, 1 director, Smithsonian orientation center, 1 curator, 2 nurses, 68 staff technicians, 59 secretarial and clerical assistants (135 positions-\$825,900); and to provide for personnel benefits (\$60,000); travel (\$4,500); transportation of things (\$57,000); penalty mail (\$15,000); printing and reproduction (\$130,000); production of film on craft techniques, orientation, and D. C. Visitor Center film, planning for Smithsonian Orientation Facility and John F. Kennedy Center presentations, translation services, reproduction of catalog cards, and contract for automatic data processing equipment (\$289,100); office supplies, addressograph supplies, and periodicals (\$95,400); film checking and projecting equipment, magnetic tape duplicator, office furniture, machines, and equipment, and books (\$95,800), a total of \$1,572,700.

These increased costs have been distributed as follows:

<u>Activity</u>	<u>Amount</u>
Museum Operations .....	\$740,200
Art Gallery Operations .....	153,600
Scientific Research and Exchange of Scientific Information ...	<u>678,900</u>
Total .....	\$1,572,700

*Request approved 5/1/66*

MISCELLANEOUS PERSONNEL INCREASES <sup>1/</sup>

An increase of \$651,200 is required for personnel compensation and benefits as explained below (\$610,200 personnel compensation; \$41,000 personnel benefits). All operations of the Smithsonian Institution have been carefully reviewed to determine whether any portion of the requested increases can be absorbed. It will not be possible to do so without seriously curtailing the museum, art, and scientific programs, and the protection, operation, and maintenance of the Smithsonian buildings and grounds. The millions of visitors to the Museum of History and Technology building have greatly increased the demands for building services. The current staff in the Buildings Management Department is inadequate to carry out the increasing workload, as evidenced by inspection and complaints.

(a) An increase of \$62,000 is required to cover the full-year cost in 1966 of salary increases to General Schedule employees effective July 5, 1964 (Public Law 88-426). This amount is in addition to the anticipated supplemental for 1965 which has been included in the base for 1966.

(b) An additional \$90,000 is required for the full-year cost of salary increases granted to wage employees in December 1963. This amount was determined through an analysis of all wage positions, taking into consideration representative lapse factors.

(c) An increase of \$150,000 is requested to pay for step increases in accordance with the Government Employees Salary Reform Act of 1964 (78 Stat. 400). This sum includes the portion of the fiscal year 1966 step increases to be paid in that year and the carryover cost from fiscal year 1965. The apparent cost was determined through a position-by-position

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1/ Proportionate share of increases distributed to each activity.



study and has been reduced to real cost by offsets resulting from the fact that a percentage of the employees are separated before they receive their step increases or have been promoted to another position and the further offset resulting from filling some positions at a lower step within the grade than former incumbents enjoyed.

(d) The sum of \$100,000 is requested for the full-year cost of positions for which funds were appropriated for only a part of the year. The positions were primarily in the scientific and art fields.

(e) An increase of \$234,200 is requested because the lapse rate is decreasing each year. It is our considered opinion, based on experience over the past few years, that our net lapse for fiscal year 1966 will probably not exceed 3.5% of the gross personnel compensation figure.

(f) An additional \$15,000 is requested for overtime which will be required in connection with the heavy schedule of new hall openings and other special events. This estimate is based on experience in fiscal year 1964, and the anticipation of an increasing number of such special events in fiscal year 1966 as the new Museum becomes more fully utilized.

The above increases have been distributed as follows:

<u>Activity</u>	<u>Amount</u>
Museum Operations .....	\$303,400
Art Gallery Operations .....	30,000
Scientific Research and Exchange of Scientific Information .....	<u>317,800</u>
Total .....	\$651,200

## Additional Data Regarding Personnel Compensation

### (a) Explanation of Lapse

During fiscal year 1964 records were maintained of savings developed because of delays in filling vacancies and new positions and scheduled part-year employment. These formed the basis for the gross lapse figure. A portion of these savings were "forced" because of a shortage of personnel funds. Positions for which candidates would have been available were forced to remain vacant the latter part of the fiscal year. The following unbudgeted costs for which records were also maintained were considered as offsets to this gross lapse: net cost resulting from filling positions at higher than the budgeted figure; terminal leave; regradings in accordance with Civil Service standards; within-grade salary advancements, including quality step increases; and the portion of wage increases not covered by supplemental appropriation.

The 1965 and 1966 lapse figures were based on the 1964 experience on turnover and terminal leave costs, information from the Personnel Division on the classification program of the Institution, and on the fact that the new positions scheduled for those years are in the category of being more readily filled, thereby reducing the amount saved because of delays in recruiting.

### (b) Change in average salary

#### General Schedule

The average GS salary between 1963 and 1964 increased by \$557. The majority of this increase is a result of the second phase of the Federal Employees Salary Act of 1962, effective January 5, 1964. In addition, in accordance with provisions in this Act, more step increases

### Wage

The average salary between fiscal years 1963 and 1964 increased by \$265. This increase resulted from salary increases granted to wage employees on December 8, 1963. In addition, a number of wage positions were regraded in accordance with Civil Service standards.

The average salary between fiscal years 1964 and 1965 is estimated to decrease by \$89. The fact that 75% of the new wage positions to be filled in 1965 are at a rate lower than the 1964 average is responsible for this decrease.

The average salary increase between fiscal years 1965 and 1966 is estimated to be less than 1%.

### (e) Manpower requirements

A portion of the new positions requested are related to the protection, maintenance, and operation of additional building space in the Museum of History and Technology and the East and West Wings of the Museum of Natural History on a full-year basis. In determining the needs, consideration was given to the increasing number of visitors to these public exhibition buildings, additional halls opened to the public in that year, nature and size of the areas to be serviced, value of the collections in the exhibition areas, and the increasing number of new laboratories.

The major portion of the new scientific positions are for sub-professional technicians and clerical assistants to provide supporting services to the research staff. A recent survey revealed that additional aids are required to provide the proper ratio of technicians to professionals. After these increases the staffing remains below the optimum ratio derived from studies by the Department of Labor and the Civil Service Commission.

Additional staff for the National Air Museum, National Collection of Fine Arts, and the National Portrait Gallery, are needed to plan, assemble, and prepare exhibits prior to the move into new building facilities. These requirements were based on the construction schedule of the new buildings, and the number and kinds of exhibits.

The additional staff for the Library is requested to provide adequate support for the research programs of the Institution, and to initiate a recataloging and reclassification program for the library collections. These needs were determined after careful studies of the Library's services and facilities.

The additional positions requested for the administrative and service units are commensurate with the increased scope of the Institution's activities.



were paid to Smithsonian employees since a large number of them are in steps 1, 2, and 3 and now receive a step increase each year. Ninety-three quality step increases granted in 1964 also affected the average salary.

The average GS salary between 1964 and 1965 is estimated to increase by \$253. The Federal Employees Salary Act of 1964, effective July 5, 1964, will increase the average salary by \$372. This increase, however, will be reduced to \$253 because a majority of the new positions for 1965 are at a rate lower than the average for 1964.

The average salary between 1965 and 1966 is estimated to decrease by \$170. This decrease results from the fact that 76% of the additional GS positions requested for 1966 are at a rate lower than the average for 1965.

(c) Within-grade salary advancements

Justifications on page B-54.

(d) Change in average General Schedule grade

The average grade between the estimate for fiscal year 1964 and the actual for that year changed from 7.6 to 7.7. The net loss in turnover and authorized regradings were responsible for this increase.

The average grade between fiscal years 1964 and 1965 is estimated to change from 7.7 to 7.5. This decrease is explained by the fact that the average grade of new 1965 positions is GS-5.6.

The average grade is expected to remain the same in fiscal years 1965 and 1966 -- 7.5.

SMITHSONIAN INSTITUTION  
SALARIES AND EXPENSES

*Portrait Gallery Account*  
1-11-65

*Use these sheets  
Described red*

DETAIL OF PERSONNEL COMPENSATION

Grades and ranges:	1964 <sup>Actual</sup>		1965 <sup>Estimate</sup>		1966 <sup>Estimate</sup>	
	Num-ber	Total salary	Num-ber	Total salary	Num-ber	Total salary
GS-18. \$24,500:						
Assistant Secretary . . . .	2	\$40,000	2	\$49,000	2	\$49,000
Director, Astrophysical Observatory . . . . .	1	20,000	1	24,500	1	24,500
<del>Director, National Portrait Gallery . . . .</del>	<del>0</del>	<del>0</del>	1	<del>24,500</del>	<del>1</del>	<del>24,500</del>
Director, United States National Museum . . . .	1	20,000	1	24,500	1	24,500
GS-17. \$21,445 to \$24,445:						
Assistant to the Secretary	1	19,500	1	23,695	1	23,695
Director, Museum of History and Technology	1	18,000	1	21,445	1	22,195
Director, Museum of Natural History . . . . .	1	18,500	1	22,945	1	23,695
Director, National Air Museum . . . . .	0	0	1	21,445	1	22,195
Physicist . . . . .	2	37,000	2	45,140	2	45,140
GS-16. \$18,935 to \$24,175:						
Assistant Director, Museum of History and Technology . . . . .	1	17,500	1	20,900	1	20,900
Assistant Director, Museum of Natural History . . . . .	1	17,000	1	<sup>20900</sup> <del>18,170</del>	1	<sup>20900</sup> <del>18,170</del>
Chairman . . . . .	6	101,500	6	123,435	6	124,745
Chief, Radiation and Organisms . . . . .	1	17,000	1	20,900	1	20,900
Director, Bureau of American Ethnology . . . . .	1	16,000	1	18,935	1	19,590
Physicist . . . . .	2	34,500	2	41,800	2	43,110

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(Mono cast: 7)

SMITHSONIAN INSTITUTION  
SALARIES AND EXPENSES

DETAIL OF PERSONNEL COMPENSATION

Grades and ranges(continued):	1964 actual		1965 estimate		1966 estimate	
	Number	Total salary	Number	Total salary	Number	Total salary
GS-15. \$16,460 to \$21,590:						
Assistant Director, Bureau of American Ethnology.....	0	0	2	\$32,920	2	\$34,060
Assistant Director, Museum of Natural History .....	1	\$15,665	1	17,030	2 ✓	34,060
<del>Assistant Director, National Air Museum....</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>1</del>	<del>16,460</del>
<i>Associate</i> Assistant Director, National Portrait Gallery	0	0	1	16,460	1	17,030
Astronomer.....	0	0	1	16,460	1	17,030
Buildings Manager .....	1	16,180	1	17,600	1	18,170
Chairman .....	5	82,960	5	89,710	5	90,850
Curator .....	1	15,665	1	17,030	2-3	<sup>50520</sup> 34,060
Director, Cooperative Research and Training	0	0	0	0	1 ✓	16,460
<del>Director, International Activities .....</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>1</del>	<del>16,460</del>
<del>Director, Museum Education .....</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>1</del>	<del>16,460</del>
Director, National Collection of Fine Arts	1	15,665	1	16,460	1	17,030
<del>Director, National Portrait Gallery.....</del>	<del>1</del>	<del>15,665</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>
Director, Personnel Division.....	1	16,695	1	18,170	1	18,170
Director, Public Information .....	0	0	0	0	1	16,460

★ GPO: 1964-O-741-115



Type size:  
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SMITHSONIAN INSTITUTION  
SALARIES AND EXPENSES

*12-21-64*

DETAIL OF PERSONNEL COMPENSATION

Grades and ranges (continued):	1964 actual		1965 estimate		1966 estimate	
	Number	Total salary	Number	Total salary	Number	Total salary
GS-15. \$16,460 to \$21,590 (continued):						
<del>Director, Radio and TV..</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>	<i>OK</i> 1 ✓	\$16,460
Exhibits Specialist .....	2	\$32,360	2	\$35,200	2	35,770
General Counsel .....	0	0	1	16,460	1	17,030
Geologist .....	1	17,210	1	18,170	<del>2</del> 1	<del>34,630</del> 18,170
<del>Historian .....</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>	<i>OK</i> 1 <i>NPA</i> ✓	16,460
Physicist.....	3	46,995	4	67,550	5 4	<del>85,720</del> 69,250
Special Assistant (+Walker)	1	18,240	1	19,310	<del>1</del> 2	<del>19,310</del> 35,770
Supply Officer .....	1	16,180	1	17,600	1	18,170
Treasurer .....	1	16,695	1	16,460	1	17,030
Zoologist .....	1	16,695	1	18,170	<i>OK</i> 2	34,630
44 GS-14. \$14,170 to \$18,580:						
Anthropologist .....	3	42,645	3	45,940	3	46,920
Assistant Director, Bureau of American Ethnology .....	2	29,030	0	0	0	0
Assistant Director, Museum of History and Technology .....	0	0	0	0	<i>OK</i> 1	14,170
Assistant Director, National Collection of Fine Arts .....	1	13,615	1	14,170	1	14,170
Assistant Director, National Portrait Gallery	1	13,615	0	0	0	0
Assistant Director, Personnel Division ....	1	14,515	1	15,640	1	15,640
Assistant Treasurer .....	1	14,515	1	14,170	1	14,660

★ GPO: 1964-O-741-715

RESEARCH & EVALUATION  
CONSTRUCTION &



Type size:  
point, 22 picas

STANDARD FORM 306  
July 1964, Bureau of the Budget  
Circular No. A-11, Revised.

SMITHSONIAN INSTITUTION  
SALARIES AND EXPENSES

DETAIL OF PERSONNEL COMPENSATION

Grades and ranges(continued):	1964 actual		1965 estimate		1966 estimate	
	Num-ber	Total salary	Num-ber	Total salary	Num-ber	Total salary
GS-14. \$14, 170 to \$18, 580 (continued)						
Astronomer .....	1	\$14, 515	0	0	<del>1</del>	<del>\$14, 170</del>
Astrophysicist .....	1	13, 615	1	\$14, 170	1	14, 660
Botanist .....	2	29, 930	3	45, 940	3	46, 430
Curator .....	9	127, 485	11	165, 670	<del>12</del> <sup>no 22</sup>	182, 780
<del>Director, Office of Community Exhibits:...</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>1</del>	<del>14, 170</del>
<del>Director, Orientation Center .....</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>1</del>	<del>14, 170</del>
<del>Director, Visitor Services Center .....</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>0</del>	<del>1</del>	<del>14, 170</del>
Ecologist .....	0	0	0	0	<del>2</del>	28, 340
Editor .....	1	14, 065	1	15, 150	1	15, 640
Exhibits Specialist .....	1	13, 615	1	14, 660	<del>2</del>	29, 320
Geologist .....	1	13, 615	2	28, 830	2	29, 810
Physicist .....	5	71, 675	6	89, 920	6	91, 390
Zoologist .....	6	86, 190	6	91, 390	<del>8</del> <sup>7</sup>	121, 200
GS-13. \$12, 075 to \$15, 855	54	658, 535	61	778, 375	<del>83</del> <sup>72 73</sup>	1, 063, 345
GS-12. \$10, 250 to \$13, 445	68	700, 750	75	808, 510	<del>119</del> <sup>105</sup>	1, 279, 390
GS-11. \$8, 650 to \$11, 305	89	784, 610	94	864, 960	<del>132</del> <sup>116</sup>	1, 213, 190
GS-9. \$7, 220 to \$9, 425 ..	103	774, 920	110	858, 145	<del>197</del> <sup>103 137</sup>	1, 500, 250
GS-8. \$6, 630 to \$8, 610 ..	9	64, 020	10	74, 440	10	74, 880
GS-7. \$6, 050 to \$7, 850 ..	137	852, 610	140	913, 955	<del>241</del> <sup>193 194</sup>	1, 540, 650
GS-6. \$5, 505 to \$7, 170 ..	40	230, 400	42	256, 740	45	275, 660

☆ GPO: 1964-O-741

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B-63

SMITHSONIAN INSTITUTION  
SALARIES AND EXPENSES

DETAIL OF PERSONNEL COMPENSATION

Grades and ranges (continued)	1964 actual		1965 estimate		1966 estimate	
	Num-ber	Total salary	Num-ber	Total salary	Num-ber	Total salary
GS-5. \$5,000 to \$6,485 . . . .	110	\$555,740	117	\$632,030	<del>200</del> 242	<del>1,057,595</del> \$1,268,575
GS-4. \$4,480 to \$5,830 . . . .	78	375,530	105	518,100	<del>126</del> <del>166</del>	<del>618,650</del> <del>797,850</del>
GS-3. \$4,005 to \$5,220 . . . .	155	676,260	206	906,105	<del>212</del> <del>230</del>	<del>947,520</del> 1,019,610
GS-2. \$3,680 to \$4,805 . . . .	8	32,005	14	54,530	211	945,780
GS-1. \$3,385 to \$4,420 . . . .	5	19,150	5	19,800	15	59,460
NM-14. \$11,939 to \$23,870:					5	19,915
Director, Canal Zone					<del>7</del>	<del>26,685</del>
Biological Area . . . . .	1	18,144	1	18,779	1	19,382
NM-12. \$8,923 to \$16,245	1	12,888	1	13,182	1	13,182
NM-11. \$7,634 to \$13,672	2	22,076	2	22,600	<del>2</del>	<del>26,365</del>
NM-5. \$4,576 to \$8,018 . . . .	1	4,306	1	4,576	3	34,081
NM-4. \$4,139 to \$7,199 . . . .	1	3,952	1	4,139	1	4,700
NM-3. \$3,765 to \$6,445 . . . .	4	11,480	4	11,728	1	4,284
Ungraded position at annual rates:					5	14,601
\$14,170 or above:					<del>6</del>	<del>18,010</del>
Director, National Air Museum . . . . .	1	20,000	0	0	0	0
Director, N.P.M. . . . .	1	15,665	1	24,500	1	24,500
Ungraded positions at hourly rates equivalent to less than \$14,170 . . . . .	403	2,095,003	507	2,617,488	524	2,715,829
Total permanent . . . . .	1,348	9,144,389	1,582	10,885,902	<del>1857</del> <del>2,212</del>	15,200,019
				<del>10,888,632</del>	1373	<del>13,122,774</del>
						13191297

SPACE MATHEMATICS  
 NATIONAL AIR AND SPACE MUSEUM  
 NATIONAL AERONAUTICS & SPACE ADMINISTRATION  
 RENOVATION & REPAIR ARCHAEOLOGICAL RESEARCH & EVALUATION  
 PERMITS  
 CONSTRUCTION &

*New Hours One Salary \$297*

Type size:  
point, 22 picas

STANDARD FORM 306  
July 1964, Bureau of the Budget  
Circular No. A-11, Revised.

SMITHSONIAN INSTITUTION  
SALARIES AND EXPENSES

DETAIL OF PERSONNEL COMPENSATION

	1964 actual		1965 estimate		1966 estimate	
	Num-ber	Total salary	Num-ber	Total salary	Num-ber	Total salary
Pay above the stated annual rate .....		64,000		42,000		<del>50,000</del> -59,000
Net savings due to lower pay scales for part of the year .....		-201,000		0		658,299 -0
Lapses .....	<i>2%</i> -108	<i>2%</i> -811,058	<i>2%</i> -144	<i>2%</i> -762,902	<i>72</i> -103	<i>72</i> -528,919
Net permanent .....	1,240	8,196,331	1,438	10,165,000	2,109	14,730,100 <i>1800 12,583,000</i> <i>1797</i>
Positions other than permanent:						
Temporary <i>employment</i>		47,000		48,000		202,000
Part-time <i>employment</i>		30,000		202,000		205,200
Other personnel compensation:						
Overtime and holiday pay		80,362		67,000		82,000
Nightwork differential		23,181		26,000		26,000
Total personnel compensation .....		8,376,874		10,508,000		<i>13,098,000</i> 15,245,300

★ GPO: 1964-O-741-715



SMITHSONIAN INSTITUTION  
 SALARIES AND EXPENSES

DEC 23 1964  
 Revised

*not accepted*

*Use green sheets with red lines*

DETAIL OF PERSONNEL COMPENSATION

	1964 actual		1965 estimate		1966 estimate	
	Num-ber	Total salary	Num-ber	Total salary	Num-ber	Total salary
Grades and ranges:						
GS-18. \$24,500:						
Assistant Secretary.....	2	\$ 40,000	2	\$ 49,000	2	\$ 49,000
Director, Astrophysical Observatory.....	1	20,000	1	24,500	1	24,500
Director, United States National Museum.....	1	20,000	1	24,500	1	24,500
GS-17. \$21,445 to \$24,445:						
Assistant to the Secretary	1	19,500	1	23,695	1	23,695
Director, Museum of History and Technology	1	18,000	1	21,445	1	22,195
Director, Museum of Natural History.....	1	18,500	1	22,945	1	23,695
Director, National Air Museum.....	0	0	1	21,445	1	22,195
Physicist.....	2	37,000	2	45,140	2	45,140
GS-16. \$18,935 to \$24,175:						
Assistant Director, Museum of History and Technology.....	1	17,500	1	20,900	1	20,900
Assistant Director, Museum of Natural History.....	1	17,000	2	39,835	2	40,490
Chairman.....	6	101,500	6	123,435	6	124,745
Chief, Radiation and Organisms.....	1	17,000	1	20,900	1	20,900
Director, Bureau of American Ethnology.....	1	16,000	1	18,935	1	19,590

NATIONAL AIR AND SPACE MUSEUM  
 ADMINISTRATION & RESEARCH & EVALUATION  
 ARCHEOLOGICAL RESEARCH & EVALUATION  
 PERSONNEL AND CONSTRUCTION &



SMITHSONIAN INSTITUTION  
 SALARIES AND EXPENSES

DETAIL OF PERSONNEL COMPENSATION

Grades and ranges (continued):	1964 actual		1965 estimate		1966 estimate	
	Num-ber	Total salary	Num-ber	Total salary	Num-ber	Total salary
GS-16. \$18,935 to \$24,175:						
Physicist.....	2	\$34,500	2	\$41,800	2	\$43,110
GS-15. \$16,460 to \$21,590:						
Assistant Director, Bureau of American Ethnology.....	0	0	2	32,920	2	34,060
Assistant Director, Museum of Natural History.....	1	15,665	0	0	1	16,460
Associate Director, National Portrait Gallery	0	0	1	16,460	1	17,030
Botanist.....	0	0	1	17,600	1	18,170
Astronomer.....	0	0	1	16,460	2	33,490
Buildings Manager.....	1	16,180	1	17,600	1	18,170
Chairman.....	5	82,960	5	89,710	5	90,850
Curator.....	1	15,665	3	49,950	7	117,500
Director, Cooperative Research and Training	0	0	0	0	1	16,460
Director, National Collection of Fine Arts	1	15,665	1	16,460	1	17,030
Director, National Portrait Gallery.....	1	15,665	0	0	0	0
Director, Personnel Division.....	1	16,695	1	18,170	1	18,170

SMITHSONIAN INSTITUTION  
 SALARIES AND EXPENSES

DETAIL OF PERSONNEL COMPENSATION

	1964 Actual		1965 Estimate		1966 Estimate	
	Number	Total salary	Number	Total salary	Number	Total salary
Grades and ranges(continued):						
GS-15. \$16,460 to \$21,590 (continued):						
Director, Radio and TV...	0	0	0	0	1	\$16,460
Exhibits Specialist.....	2	\$32,360	2	\$35,200	2	35,770
General Counsel.....	0	0	1	16,460	1	17,030
Geologist.....	1	17,210	1	18,170	2	34,630
Historian.....	0	0	0	0	1	16,460
Physicist.....	3	46,995	6	100,470	6	103,320
Special Assistant.....	1	18,240	1	19,310	2	35,770
Supply Officer.....	1	16,180	1	17,600	1	18,170
Treasurer.....	1	16,695	1	16,460	1	17,030
Zoologist.....	1	16,695	1	18,170	2	34,630
GS-14. \$14,170 to \$18,580:						
Anthropologist.....	3	42,645	3	45,940	3	46,920
Assistant Director, Bureau of American Ethnology.....	2	29,030	0	0	0	0
Assistant Director, Museum of History and Technology.....	0	0	0	0	1	14,170
Assistant Director, National Collection of Fine Arts.....	1	13,615	1	14,170	1	14,170
Assistant Director, National Portrait Gallery	1	13,615	0	0	0	0
Assistant Director, Personnel Division.....	1	14,515	1	15,640	1	15,640
Assistant Treasurer.....	1	14,515	1	14,170	1	14,660

NATIONAL AIR AND SPACE MUSEUM  
 RESTORATION & RE-ARCHAEOLOGICAL RESEARCH & EVALUATION  
 CONSTRUCTION

SMITHSONIAN INSTITUTION  
 SALARIES AND EXPENSES

*Final*  
 DEC 23 1964

DETAIL OF PERSONNEL COMPENSATION

Grades and ranges(continued)	1964 <sup>actual</sup>		1965 <sup>estimate</sup>		1966 <sup>estimate</sup>	
	Num-ber	Total salary	Num-ber	Total salary	Num-ber	Total salary
GS-14. \$14,170 to \$18,580 (continued)						
Astronomer.....	1	\$14,515	0	0	0	0
Astrophysicist.....	1	13,615	1	\$14,170	1	\$14,660
Botanist.....	2	29,930	2	30,300	2	30,790
Curator.....	9	127,485	12	179,840	13	197,440
Ecologist.....	0	0	0	0	2	28,340
Editor.....	1	14,065	1	15,150	1	15,640
Exhibits Specialist.....	1	13,615	1	14,660	2	29,320
Geologist.....	1	13,615	2	28,830	2	29,810
Personnel Technician ..	0	0	2	28,830	2	29,810
Physicist.....	5	71,675	7	104,090	7	105,560
Special Assistant.....	0	0	0	0	1	14,170
Zoologist.....	6	86,190	6	91,390	7	107,030
GS-13. \$12,075 to \$15,855	54	658,535	53	679,035	59	768,705
GS-12. \$10,250 to \$13,445	68	700,750	75	803,185	105	1,135,890
GS-11. \$8,650 to \$11,305	89	784,610	104	935,390	126	1,156,275
GS-9. \$7,220 to \$9,425 .	103	774,920	130	982,945	157	1,205,815
GS-8. \$6,630 to \$8,610 .	9	64,020	10	74,440	10	74,880
GS-7. \$6,050 to \$7,850 .	137	852,610	150	972,300	204	1,326,600
GS-6. \$5,505 to \$7,170 .	40	230,400	52	311,790	55	330,565
GS-5. \$5,000 to \$6,485 .	110	555,740	102	532,440	185	1,032,745
GS-4. \$4,480 to \$5,830	78	375,530	80	416,000	101	494,630
GS-3. \$4,005 to \$5,220	155	676,260	196	851,805	202	908,775

SMITHSONIAN INSTITUTION  
 SALARIES AND EXPENSES

DETAIL OF PERSONNEL COMPENSATION

Grades and ranges(continued)	1964 actual		1965 estimate		1966 estimate	
	Num-ber	Total salary	Num-ber	Total salary	Num-ber	Total salary
GS-2. \$3,680 to \$4,805 .	8	\$32,005	14	\$54,520	15	\$59,460
GS-1. \$3,385 to \$4,420 .	5	19,150	5	19,800	5	19,915
NM-14. \$11,939 to \$23,870:						
Director, Canal Zone Biological Area . . . . .	1	18,144	1	18,779	1	19,382
NM-12. \$8,923 to \$16,245	1	12,888	1	13,182	1	13,182
NM-11. \$7,634 to \$13,672	2	22,076	2	22,600	3	34,081
NM-5. \$4,576 to \$8,018 .	1	4,306	1	4,576	1	4,700
NM-4. \$4,139 to \$7,199 .	1	3,952	1	4,139	1	4,284
NM-3. \$3,765 to \$6,445 .	4	11,480	4	11,728	5	14,661
Ungraded position at annual rates:						
\$14,170 or above:						
Director, National Air Museum. . . . .	1	20,000	0	0	0	0
Director, National Portrait Gallery . . . . .	0	0	1	24,500	1	24,500
Ungraded positions at hourly rates equivalent to less than \$14,170 . . . . .	403	2,095,003	507	2,617,488	524	2,715,829
Total permanent . . . . .	1,348	9,144,389	1,582	10,963,467	1,873	13,284,319

NATIONAL AIR AND  
 SPACE MUSEUM  
 RESTORATION & RE  
 ARCHEOLOGICAL  
 PRESERVATION  
 CONSTRUCTION



SMITHSONIAN INSTITUTION  
 SALARIES AND EXPENSES

DETAIL OF PERSONNEL COMPENSATION

	1964 actual		1965 estimate		1966 estimate	
	Num-ber	Total salary	Num-ber	Total salary	Num-ber	Total salary
Pay above the stated annual rate .....		64,000		42,000		50,000
Net savings due to lower pay scales for part of the year .....		-201,000		0		0
Lapses .....	-108	-811,058	-120	-840,467	-101	-709,319
Net permanent .....	1,240	8,196,331	1,462	10,165,000	1,772	12,625,000
Positions other than permanent:						
Temporary		47,000		48,000		202,000
Part-time		30,000		202,000		205,000
Other personnel compensation:						
Overtime and holiday pay		80,362		67,000		82,000
Nightwork differential		23,181		26,000		26,000
Total personnel compensation .....		8,376,874		10,508,000		13,140,000

SPACE MUSEUM

EXCAVATION & RE

ARCHAEOLOGICAL  
RESEARCH & EXCAV.

DEPARTMENT OF

CONSTRUCTION &

SMITHSONIAN INSTITUTION

Archeological Research and Excavation  
(Special Foreign Currency Fund)

*archeological activities under*

For necessary expenses for carrying out the provisions of  
section 104(k) of the Agricultural Trade Development and Assistance  
Act of 1954, as amended (7 U.S.C. 1704 k) to remain available  
until expended, \$1,415,000, of which \$1,300,000 shall be available  
for the purchase of foreign currencies which the Treasury Department  
shall determine to be excess to the normal requirements of the United  
States.

*see  
revision 12-28-64  
with gallery*

SMITHSONIAN INSTITUTION  
 ARCHEOLOGICAL RESEARCH AND EXCAVATION  
 (SPECIAL CURRENCY FUND)

*Category 12-2164*

Program and Financing (in thousands of dollars)

Identification code	1964 actual	1965 estimate	1966 estimate
32-50-0102-0-1-104			
<u>Program by activities:</u>			
1. Grants for overseas research and excavations in archeology	.....	.....	1,300
2. Program support (U. S. dollars) .....	.....	.....	115
Total program costs, funded -- obligations (object class 410)	.....	.....	<del>1,415</del> 1,300
<u>Financing:</u>			
40 New obligational authority (appropriation) .....	.....	.....	<del>1,415</del> 1,300

SPACE MUSEUM  
 REMODELING OF  
 CONSTRUCTION &



STANDARD FORM 301

Short form

July 1964, Bureau of the Budget  
Circular No. A-11, Revised.  
301-102

SMITHSONIAN INSTITUTION  
ARCHEOLOGICAL RESEARCH AND EXCAVATION  
(SPECIAL CURRENCY FUND)

FINANCING AND EXPENDITURES (in thousands of dollars)

Identification code 32-50-	1964 actual	1965 estimate	1966 estimate
10 Total obligations (from program schedule).....	....	....	1,415
<b>Financing:</b>			
Receipts and reimbursements from:			
11 Administrative budget accounts (-).....			
13 Trust fund accounts (-).....			
14 Non-Federal sources (-).....			
16 Comparative transfers to/from (-) other accounts.....			
17 Recovery of prior year obligations (-).....			
21 Unobligated balance available, start of year (-).....			
24 Unobligated balance available, end of year.....			
25 Unobligated balance lapsing.....			
26 Unobligated balance rescinded (-).....			
40 New obligational authority.....	....	....	1,415
<b>Relation of obligations to expenditures:</b>			
10 Total obligations.....	....	....	1,415
70 Receipts and other offsets (items 11-17).....			
71 <sup>John W</sup> Obligations affecting expenditures).....	....	....	1,415 (1,200)
72 Obligated balance, start of year.....			
74 Obligated balance, end of year (-).....	....	....	141 (127)
77 Adjustments in expired accounts.....			
90 Expenditures.....	....	....	1,274 (1,171)

Use instead of Forms 302 and 303 when possible

Gabley 12-21-64

Grants for overseas research and excavations in archeology.

1. The Smithsonian Institution will initiate a program of awarding grants to American universities, museums or other institutions of higher learning interested in conducting research or excavation in archeology or related disciplines in the foreign currency <sup>areas</sup> ~~excess~~ countries. *a similar program was previously funded by the State Department.*

2. ~~Program support (U.S. dollars) -- U.S. dollars are required to pay certain expenses which cannot be paid by foreign currencies, such as salaries of coordinating staff, travel, and other related costs.~~

*1-14-65*  
*1-14-65*

SPACE MUSEUM  
REMODELING OF  
CONSTRUCTION &

SMITHSONIAN INSTITUTION  
ARCHEOLOGICAL RESEARCH AND EXCAVATION  
(SPECIAL CURRENCY FUND)

OBJECT CLASSIFICATION (in thousands of dollars)

Identification code	1964 actual	1965 estimate	1966 estimate
32-50-0102-C-1-704			
<b>Personnel compensation:</b>			
11.1 → Permanent positions.....	....	....	36
<del>11.3 Positions other than permanent.....</del>			
<del>11.5 Other personnel compensation.....</del>			
Total personnel compensation.....	....	....	36
12.0 Personnel benefits.....	....	....	3
<del>13.0 Benefits for former personnel.....</del>			
21.0 Travel and transportation of persons.....	....	....	50
<del>22.0 Transportation of things.....</del>			
<del>23.0 Rent, communications, and utilities.....</del>			
<del>24.0 Printing and reproduction.....</del>			
25.1 Other services.....	....	....	19
<del>25.2 Services of other agencies.....</del>			
26.0 Supplies and materials.....	....	....	2
31.0 Equipment.....	....	....	5
<del>32.0 Lands and structures.....</del>			
<del>33.0 Investments and loans.....</del>			
41.0 Grants, subsidies, and contributions.....	....	....	1,300
<del>42.0 Insurance claims and indemnities.....</del>			
<del>43.0 Interest and dividends.....</del>			
<del>44.0 Refunds.....</del>			
99.0 Total obligations.....	....	....	1,415



SMITHSONIAN INSTITUTION  
ARCHEOLOGICAL RESEARCH AND EXCAVATION  
(SPECIAL CURRENCY FUND)

Personnel Summary

Identification code	1964 actual	1965 estimate	1966 estimate
32-50-0102-0-1-704			
Total number of permanent positions .....	....	....	4
Average number of all employees	....	....	3.9
Employees in permanent positions end of year .....	....	....	4
Average GS grade.....	....	....	10.5
Average GS salary .....	....	....	\$9,355

1 Aug 64 12-21-64

REMODELLING OF  
CONSTRUCTION &



## ARCHEOLOGICAL RESEARCH AND EXCAVATION

In furtherance of its traditional concern with the study of man, the Institution wishes to undertake a program of awarding grants to American universities, museums or other institutions of higher learning interested in conducting research and excavation in archeology and related disciplines in foreign countries.

The Smithsonian makes this request in the firm belief that support to American archeology abroad constitutes a valuable and timely benefit to American scholarship and to the host nations as well. Archeology, which the Institution defines as both the humanistic and scientific approaches to the study of ancient man, is not a "dead science." In recent years radioactive carbon dating, isotope analysis and other modern techniques have shed new and accurate light on the origins and migrations of peoples, crops, animals and articles of manufacture. Thus archeology today is not only the fountainhead of history, but a science which directly contributes to present-day understanding of inter-cultural relationships, land use, agriculture and trade. The record of American universities or museums which have contributed in this manner to our knowledge of the heritage of man through field work abroad is a distinguished one; it is a record that can be enormously enhanced by modest help in foreign currency grants.

To a degree not found in other disciplines, the costs of archeological expeditions are more directly expended in the field than in preparatory organization, in the salaries of foreman and laborers, for example, or construction of buildings to preserve equipment and excavations. A small amount of help in meeting local expenses can therefore often mean the difference between continuing or abandoning promising archeological projects. The value of such help has been proven by the grants which the Department of State formerly gave to various American universities and museums. The State Department now fully endorses Smithsonian assumption of this responsibility on the grounds that archeological programs most properly fall within this Institution's purview and competence.

Under this program, the Smithsonian would not itself be heavily engaged in overseas projects, but would instead set up an advisory group, composed of experts within the Institution and without, to make value judgments on the proposals of American private institutions and to award and administer foreign currency grants accordingly, for maximum benefit of all participating institutions, as well as the Smithsonian.

Typical project proposals which the Institution would consider might include surveys of pre-historic sites in Egypt, excavation of biblical sites in Israel, surveys of the potentially rich Peshawar Plain in Pakistan, or research aimed at coordinating disparate archeological findings in various states of India, as a guide to future excavations. American institutions that have been and continue to be interested in such projects

SPACE MUSEUM  
EXHIBITION & REN  
REMODELING OF  
CONSTRUCTION &  
IMPROVEMENT N7D

include Cornell, Pennsylvanian, Harvard, New York University, Emory, Southern California, the University of Washington, Michigan, the American Museum of Natural History, the Fogg Art Museum and many others.

The Smithsonian's authority and competence to be associated with archeological programs, here and abroad, are clear and long-standing. Beyond James Smithson's original mandate for the increase and diffusion of knowledge, there is the historical fact of the Institution's early attention to archeology, beginning in 1847 when Secretary Joseph Henry recognized the importance of the findings of two American archeologists investigating Indian mounds in Ohio and published their work, Ancient Monuments of the Mississippi Valley, a pioneer effort in American archeology and the Smithsonian's first scientific publication. Thereafter Congress supported expeditions sponsored by the Smithsonian which scientifically explored the geology, archeology and ethnology of our Western states. In 1879, aware of the increasing importance of these expeditions, Congress gave them a more established authority and regular appropriations by creating the United States Geological Survey within the Interior Department and the Bureau of Ethnology within the Smithsonian. That year also, Congress directed that "all collections of . . . objects of natural history, archeology and ethnology" made by government agencies or parties for the Government of the United States be deposited in the Smithsonian's National Museum.

Today the Smithsonian continues its concern with American archeology and maintains close contact with the leading American institutions and



professional associations, including the Archeological Institute of America, which has its chartered address and holds its annual meetings at the Smithsonian. But the Institution has also gone on to pre-eminence in the study of man in many parts of the world. Among its curators are experts who have pursued archeological investigations in every major world area and have working relationships with many foreign institutions.

It is because of this past record and these present-day associations that the Institution believes it has a strong obligation to support American archeology in the developing countries. In certain of these countries, foreign currency excess conditions exist, principally in the Middle East, where American institutions face increasingly competitive interest by European nations. Such support will result in the enrichment of collections and the advancement of knowledge in American museums and public or private institutions of learning. It will also result in creating strong cooperative ties with the host nations, where archeology is universally welcomed as aid which goes to all sectors of society, from the foreign scholars working with Americans to the considerable number of laborers employed in the larger excavations, and as a proven stimulus to tourist industries.

#### Program Support, Plan of Work

To successfully supervise the above outlined functions, the Institution will require two additional staff members and two new secretarial positions. One staff position will be that of a Program Coordinator, who would serve



as executive secretary of the proposed advisory group and be responsible, under direction of the Secretary, for planning all phases of the program, from negotiations with interested private institutions to periodic review and reporting of established projects. He would also serve as the Smithsonian's liaison with the Department of State, the National Science Foundation and other appropriate agencies and represent the Smithsonian at any inter-agency coordination meetings on use of excess foreign currencies.

The other position will be an Administrative Officer, responsible for drawing up contracts, preparation of both dollar and foreign currency budgets, and determination of administrative support agreements, whenever required, with United States Embassies in appropriate countries.

Compensation for these positions, travel and other administrative factors constitute the U. S. dollar costs of the program, which total \$115,000.

#### Overseas Program, Apportionment of Foreign Currencies

To finance the costs of this program of grants for archeological exploration, excavation and research, the Institution will seek such foreign currencies as the Treasury Department has determined to be excess to the normal requirements of the United States. At the moment of writing, the excess currency countries are Burma, India, Pakistan, Israel, Egypt, Poland and Yugoslavia.

Since the Smithsonian's most essential function in this program will be to evaluate future project proposals from other institutions, an exact

country-by-country project inventory is neither possible nor necessary at this time. But estimates may be made from two sources. First, there are some six American archeological excavation or research projects which have in the past received modest foreign currency grants from the State Department which the Smithsonian would seriously consider for continued support, since their importance is well known to the Institution. They are as follows:

<u>Institution</u>	<u>Project</u>	<u>Estimated Grant, Expressed in Dollars</u>
Carnegie Museum - Pittsburgh Theological Seminary	To continue excavations at Ashdod, Israel, which are important for amplification of biblical history in the periods of the exodus from Egypt, the wanderings in the Wilderness and the conquest of the Promised Land.	\$80,000
Corning Museum of Glass, Columbia, Missouri, and Corning, New York	To survey, record and excavate Phoenician glass factories along the Israeli coast which hold the key to ancient Mediterranean trade routes.	15,000
Hebrew Union College; Jerusalem School of Archeology	To further survey and explore some 400 archeological sites in the Negev and to conduct seminars in biblical archeology.	80,000
Institute of Mediterranean Studies (A non-profit organization supported by eight American universities and theological seminaries)	To continue excavations at Tell Nagila, Israel, site of the largest known Canaanite fortress and an Iron Age Israelite city.	55,000

SPACE MUSEUM  
EXHIBITION & REN  
REMODELING OF  
CONSTRUCTION & IMPROVEMENT NZP

<u>Institution</u>	<u>Project</u>	<u>Estimated Grant, Expressed in Dollars</u>
American Research Center in Egypt, Inc. (A non-profit study center supported by ten American universities)	To generally support the Center's research program, in the archeology of Egypt, which comprehends both surveys and excavations of Pharaonic, Hellenistic, Roman and early Christian sites.	\$250,000
University of Washington, American Museum of Natural History	To continue excavations important to the understanding of the birth of the Indus Valley civilization and its relation to Western culture, near Quetta, Pakistan.	75,000
	TOTAL	<u>\$555,000</u>

Second, in justice to the many essential study and excavation opportunities in both Pakistan, where very little archeological work has been done, and other of the excess countries listed above, the Smithsonian would want to devote at least half or more of its grant resources to pioneer projects.

The Institution has already received general expressions of interest from leading private institutions, including the University of Pennsylvania, Dumbarton Oaks, Harvard and others, for projects in these countries, where American archeology is virtually unknown. The following are typical projects of this kind, along with cost estimates based on averages for major excavations, minor excavations or explorations, and surveys:



<u>Country</u>	<u>Possible Project</u>	<u>Estimated Cost, Expressed in Dollars</u>
India	Support to the American Institute of Indian Studies or similar organization for comprehensive surveys, research and recording of data on archeological sites of India, as a guide to future excavations.	\$250, 000 ✓
India	Investigations and excavation of Mandu, the ruined capital city of the ancient state of Malwa and a cultural center of great antiquity.	150, 000 ✓
Pakistan	Survey of the Peshawar Plain, a region of numerous town sites dating from the first to fifth centuries A. D. and the principal area of Alexandrine influence.	50, 000 ✓
Pakistan	Survey of potential sites in Baluchistan which should reveal much of Parthian and early Islamic influence on Indian culture.	30, 000 ✓
Pakistan	Field research on the numerous historical monuments of Thatta in Sind to provide clues about medieval and pre-Mughal civilizations, which, apart from architecture and paintings, are largely unknown.	30, 000 ✓
Burma	Excavation of Sixth and Seventh century sites of Pagan in the Myingyan District which should provide significant information on the origins of Buddhism.	150, 000 ✓
Burma	Exploration of the Mogaung area, known to be of potential interest for remains of primates and early man.	15, 000 ✓
Yugoslavia	Photographic surveys and documentation of twenty to thirty Byzantine monasteries.	20, 000
Poland	Exploration and excavation of neolithic, early Bronze Age and historic sites in the Vistula and Oder river basins, to determine chronological patterns of settlement.	50, 000
TOTAL		\$745, 000
PREVIOUSLY LISTED PROJECTS		555, 000
GRAND TOTAL		\$1, 300, 000



**SMITHSONIAN INSTITUTION  
ARCHEOLOGICAL RESEARCH AND EXCAVATION  
DETAIL OF PERSONNEL COMPENSATION**

	1964 Actual		1965 Estimate		1966 Estimate	
	Number	Total salary	Number	Total salary	Number	Total salary
Grades and ranges:						
GS-13. \$12,075 to \$15,855:	0	0	0	0	2	\$24,150
GS-9. \$7,220 to \$9,425: . . .	0	0	0	0	1	7,220
GS-7. \$6,050 to \$7,850: . . .	0	0	0	0	1	6,050
Total permanent . . . . .	0	0	0	0	4	37,420
Pay above the stated annual rate . . . . .	0	0	0	0		130
Lapses . . . . .	0	0	0	0	.1	1,550
Net permanent (average number, net salary):	0	0	0	0	3.9	36,000

*2 3/4  
1965  
1966*

SPACE MUSEUM

CONSTRUCTION & REN

REMODELLING OF  
CIVIL SERVICE BLDG

CONSTRUCTION &  
IMPROVEMENT NZP

page 2 of 1-14-65

SMITHSONIAN INSTITUTION

[REMODELING OF CIVIL SERVICE COMMISSION BUILDING

For an additional amount for necessary expenses of preparing plans and specifications for remodeling the Civil Service Commission Building to make it suitable to house certain art galleries of the Smithsonian Institution, as authorized by the Act of March 28, 1958 (72 Stat. 68), including construction and not to exceed \$25,000 for services as authorized by section 15 of the Act of August 2, 1946 (5 U.S.C. 55a), \$1,000,000.]

*(Department of the Interior  
and Related Appropriations Act 1965)  
Agrees*

SMITHSONIAN INSTITUTION  
 REMODELING OF CIVIL SERVICE COMMISSION BUILDING  
PROGRAM AND FINANCING (IN THOUSANDS OF DOLLARS)

*Page 1 of 14-65*

PROGRAM BY ACTIVITIES:	COSTS TO THIS APPROPRIATION					ANALYSIS OF 1966 FINANCING			
	TOTAL ESTIMATE	TO JUNE 30, 1963	1964 ACTUAL	1965 ESTIMATE	1966 ESTIMATE	DEDUCT SELECTED RESOURCES AND UNOBLIGATED BALANCE, START OF YEAR	ADD SELECTED RESOURCES AND UNOBLIGATED BALANCE, END OF YEAR	APPROPRIATION REQUIRED, 1966	APPROPRIATION REQUIRED TO COMPLETE
32-50-0128-0-1-704									
<u>PROGRAM BY ACTIVITIES:</u>									
1. PLANNING, DESIGN, AND SUPERVISION .....	648	231	172	193	52	52	.....	.....	.....
2. CONSTRUCTION .....	6,217	.....	.....	2,300	3,600	3,917	317	.....	.....
TOTAL PROGRAM COSTS, FUNDED .....	6,865	231	172	2,493	3,652	3,969	317	.....	.....
CHANGE IN SELECTED RESOURCES <input checked="" type="checkbox"/> .....			-68	3,949	-3,652				
10 TOTAL OBLIGATIONS .....			104	6,442	.....				

SELECTED RESOURCES AS OF JUNE 30 ARE AS FOLLOWS: UNPAID UNDELIVERED ORDERS, 1963, \$88 THOUSAND; 1964, \$20 THOUSAND; 1965, \$3,969 THOUSAND; 1966, \$317 THOUSAND.



page 1-14-65

**STANDARD FORM 301**  
**Short form**  
 July 1964, Bureau of the Budget  
 Circular No. A-11, Revised.  
 301-102

SMITHSONIAN INSTITUTION  
 REMODELING OF CIVIL SERVICE COMMISSION BUILDING

FINANCING AND EXPENDITURES (in thousands of dollars)

Identification code 32-50-0128-0-1-704	1964 actual	1965 estimate	1966 estimate
10 Total obligations (from program schedule).....	104	6,442	....
<b>Financing:</b>			
Receipts and reimbursements from:			
<del>11</del> Administrative budget accounts (-).....			
<del>13</del> Trust fund accounts (-).....			
<del>14</del> Non-Federal sources (-).....			
<del>16</del> Comparative transfers to/from (-) other accounts.....			
<del>17</del> Recovery of prior year obligations (-).....			
✓ 21 Unobligated balance available, start of year (-).....	-81	-5,442	....
✓ 24 Unobligated balance available, end of year.....	5,442	....	....
<del>25</del> Unobligated balance lapsing.....			
<del>26</del> Unobligated balance rescinded (-).....			
40 New obligational authority <i>(lapsed authority)</i> .....	5,465	1,000	....
<b>Relation of obligations to expenditures:</b>			
<del>10</del> Total obligations.....	104	6,442	....
<del>70</del> Receipts and other offsets (items 11-17).....			
✓ 71 Obligations (affecting expenditures).....	104	6,442	....
✓ 72 Obligated balance, start of year.....	92	80	4,339
✓ 74 Obligated balance, end of year (-).....	-80	-4,339	-639
<del>77</del> Adjustments in expired accounts.....			
✓ 90 Expenditures.....	116	2,183	3,700

Use instead of Form 302 and when possible

☆ GPO: 1964-O-735-187

page proof 1-14-65

1. Planning, design, and supervision. --Planning for remodeling of the Civil Service Commission Building to house the National Portrait Gallery and the National Collection of Fine Arts has been completed. Exhibited in this Museum will be portraits of men and women who have made significant contributions to the history and culture of the United States; the works of artists deserving of recognition; and other paintings, sculptures, bronzes, glass, porcelain, tapestry, furniture, and jewelry.

2. Construction. --A contract for the remodeling <sup>work</sup> will be awarded in ~~fiscal year~~ 1965. It is anticipated that the building will be substantially completed by November 1966.

SPACE MUSEUM

CONSTRUCTION & RENOVATION

CONSTRUCTION & IMPROVEMENT N.Z.P.

SMITHSONIAN INSTITUTION  
REMODELING OF CIVIL SERVICE COMMISSION BUILDING

Object Classification (in thousands of dollars)

*Final report 1-16-65*

Identification code	1964 actual	1965 estimate	1966 estimate
32-50-0128-0-1-704			
SMITHSONIAN INSTITUTION			
<i>11.3</i> <del>11.1</del> Personnel compensation: Positions other than permanent	....	15	....
12.0 Personnel benefits .....	....	1	....
21.0 Travel and transportation of persons .....	....	2	....
25.1 Other services .....	2	65	....
Total, <sup>costs</sup> Smithsonian Institution	2	83	....
ALLOCATION TO GENERAL SERVICES ADMINISTRATION			
24.0 Printing and reproduction ....	7	7	....
25.1 Other services .....	163	103	52
32.0 Lands and structures .....	....	2,300	3,600
Total, <sup>costs</sup> General Services Administration .....	170	2,410	3,652
Total costs <sup>fr. ....</sup> .....	172	2,493	3,652
94.0 Change in selected resources	-68	3,949	-3,652
99.0 Total obligations .....	104	6,442	....

✓ PERSONNEL SUMMARY

*page proof*  
*1-14-65*

Identification code 32-50-0128-0-1-704	19 64 actual	19 65 estimate	19 66 estimate
Average number of all employees	.. <i>6</i> ..	2	.... <i>4</i>
<del>Number of employees at end of year</del>	... <i>5</i> ...	2	... <i>4</i> ...
Average GS grade .....	... <i>0</i> ...	9.0	... <i>0</i> ...
Average GS salary .....	... <i>0</i> ...	\$7, 220	... <i>0</i> ...





1091 p. 1-14-65

SPACE MUSEUM

SMITHSONIAN INSTITUTION

CONSTRUCTION AND IMPROVEMENTS, NATIONAL ZOOLOGICAL PARK

For necessary expenses of planning, construction, remodeling, and equipping of buildings and facilities at the National Zoological Park, \$1,539,000  
~~(\$1,525,000)~~ to remain available until expended: *Provided*, That such portion of this amount as may be necessary may be transferred to the District of Columbia (20 U.S.C. 81-84; 75 Stat. 779).

(Department of the Interior and Related Agencies Appropriation Act, 1965.)

CONSTRUCTION & IMPROVEMENT N.Z.P.

page 1-14

SMITHSONIAN INSTITUTION  
 CONSTRUCTION AND IMPROVEMENTS, NATIONAL ZOOLOGICAL PARK  
PROGRAM AND FINANCING (IN THOUSANDS OF DOLLARS)

PROGRAM BY ACTIVITIES:	COSTS TO THIS APPROPRIATION				ANALYSIS OF 1966 FINANCING				APPROPRIATION REQUIRED TO COMPLETE
	TOTAL ESTIMATE	To JUNE 30, 1963	1964 ACTUAL	1965 ESTIMATE	1966 ESTIMATE	DEDUCT SELECTED RESOURCES AND UNOBLIGATED BALANCE, START OF YEAR	ADD SELECTED RESOURCES AND UNOBLIGATED BALANCE, END OF YEAR	APPROPRIATION REQUIRED, 1966	
32-50-0129-0-1-704									
PROGRAM BY ACTIVITIES:									
1. PLANNING, DESIGN, AND SUPERVISION .....	650	40	174	233	158	44	45	159	.....
2. CONSTRUCTION .....	4,964	128	818	2,232	1,499	406	287	1,380	.....
TOTAL PROGRAM COSTS, FUNDED .....	5,614	168	992	2,465	1,657	450	332	1,539	.....
CHANGE IN SELECTED RESOURCES <sup>1/</sup> .....			-341	-170	-128				
TOTAL OBLIGATIONS .....			651	2,295	1,529				

<sup>1/</sup> SELECTED RESOURCES AS OF JUNE 30 ARE AS FOLLOWS: UNPAID UNDELIVERED ORDERS, 1963, \$891 THOUSAND; 1964, \$550 THOUSAND; 1965, \$380 THOUSAND; 1966, \$252 THOUSAND.

page paid 1-14-65

STANDARD FORM 301  
Short form  
July 1964, Bureau of the Budget  
Circular No. A-11, Revised.  
301-102

SMITHSONIAN INSTITUTION  
CONSTRUCTION AND IMPROVEMENTS,  
NATIONAL ZOOLOGICAL PARK

FINANCING AND EXPENDITURES (in thousands of dollars)

Identification code	1964 actual	1965 estimate	1966 estimate
32-50-0129-0-1-704			
10 Total obligations (from program schedule).....	651	2, 295	1, 529
<b>Financing:</b>			
<del>Receipts and reimbursements from:</del>			
11 Administrative budget accounts (-).....			
13 Trust fund accounts (-).....			
14 Non-Federal sources (-).....			
16 Comparative transfers to/from (-) other accounts.....			
17 Recovery of prior year obligations (-).....			
21 Unobligated balance available, start of year (-).....	-216	-840	-70
24 Unobligated balance available, end of year.....	840	70	80
25 Unobligated balance lapsing.....			
26 Unobligated balance rescinded ( ).....			
40 New obligational authority <i>(appropriations)</i> .....	1, 275	1, 525	1, 539
<b>Relation of obligations to expenditures:</b>			
10 Total obligations.....	651	2, 295	1, 529
70 Receipts and other offsets (items 11-17).....			
71 Obligations (affecting expenditures).....	651	2, 295	1, 529
72 Obligated balance, start of year.....	969	594 <sup>3</sup>	990
74 Obligated balance, end of year (-).....	-594 <sup>3</sup>	-990	-927
77 Adjustments in expired accounts.....			
90 Expenditures.....	1, 026	1, 899	1, 592

Use instead of Forms 302 and 303 if possible

☆ GPO:1964-0-755-187

SPACE MUSEUM



1. Planning. --Funds are provided to prepare detailed plans for the 1967 capital improvement projects at the National Zoological Park and for advance planning for future projects.

2. Construction. --The fourth year's work includes construction of a multi-climate public exhibition house for ~~Equatorial Administration Hall~~ <sup>greenhouse, mechanical quarters, property and supply facilities,</sup> tropical, desert, and temperate zone creatures.

Corrected 12-11-64. This week.

gallery 12-21-64

pag proof 1-14-65

SMITHSONIAN INSTITUTION  
 CONSTRUCTION AND IMPROVEMENTS,  
 NATIONAL ZOOLOGICAL PARK

Object Classification (in thousands of dollars)

Identification code	1964 actual	1965 estimate	1966 estimate
32-50-0129-0-1-704			
SMITHSONIAN INSTITUTION			
21.0 Travel and transportation of persons .....	2	2	2
25.1 Other services .....	2	8	8
<i>costs</i> Total, Smithsonian Institution	4	10	10
ALLOCATION TO DISTRICT OF COLUMBIA			
25.1 Other services .....	170	223	148
32.0 Lands and structures .....	818	2,232	1,499
<i>costs</i> Total, District of Columbia	988	2,455	1,647
Total costs, <i>funded</i> .....	992	2,465	1,657
94.0 Change in selected resources	-341	-170	-128
99.0 Total obligations .....	651	2,295	1,529

E-5

SPACE MUSEUM  
 CONSTRUCTION & RENOVATION \* BAIRD

MUSEUM

## CONSTRUCTION AND IMPROVEMENTS NATIONAL ZOOLOGICAL PARK

An appropriation of \$1,539,000 is requested for the fourth year's capital improvement projects at the National Zoological Park and for advance planning for future projects.

The improvement program is needed to provide adequate animal-exhibition buildings and visitor facilities in the existing natural setting for the outstanding collection of some 3,000 animals. The ten-year improvement program will create natural habitat surroundings for the animals through the use of such features as wet and dry moats, nearly-invisible wire, and heavy glass to minimize viewing obstructions between the visitors and the animals. The estimated number of visitors is now over three million annually, coming largely from outside of the District of Columbia. This program was authorized by the founding Act of April 30, 1890, as amended by the Act of October 4, 1961. The National Zoological Park is administered by the Smithsonian Institution to carry out its statutory purpose, "the advancement of science and the instruction and recreation of the people."

Funds totaling \$1,275,000 in fiscal year 1963, \$1,275,000 in fiscal year 1964, and \$1,525,000 in fiscal year 1965 have been appropriated for the first three years of a continuing program of capital improvements at the National Zoological Park. These

appropriations have provided for relocation of the east-west road from Connecticut Avenue to Harvard Street; construction of the bird flight cage and remodeling of the bird exhibition building; improvement of the principal pedestrian entrance to the Zoo off Connecticut Avenue; construction of exhibits and houses for hardy hoofed stock, delicate hoofed stock and deer, construction of a property yard, 3 paved parking areas for visitors' automobiles and buses, and an incinerator; and planning and installation of utilities.

There follows a summary of the projects proposed to be undertaken with fiscal year 1966 funds:

Planning

Detailed plans and designs for fiscal year 1967 projects .....	\$122,000	
Advance planning and consultation for fiscal year 1968 projects.....	<u>37,000</u>	\$159,000

Construction - exhibits

Multi-climate house .....		<u>1,380,000</u>
Total .....		<u><u>1,539,000</u></u>

Detailed plans and designs for fiscal year 1967 ...      \$122,000

Veterinary Hospital. During fiscal year 1966 detailed plans will be completed for a veterinary hospital for treatment of ill and injured animals and for quarantining animals new to the collection.

SPACE MUSEUM  
CONSTITUTION & REN  
STATUE \* BAIRD

MUSEUM



Research laboratory. Detailed plans will also be completed for a clinical research laboratory for medical and zoological research relative to keeping of wild animals in captivity and to improve the techniques of wild animal husbandry.

Greenhouse. In addition, detailed plans will be completed for the rearing and propagation of plants to be used as an integral part of the animal exhibits, and as specialized food for tropical and semi-tropical animals which cannot adapt to the locally available foodstuffs.

Detailed plans will also be made for necessary expansion of the utility system assigned to this area.

Advance planning and consultation for fiscal year 1968 . . . . \$37,000

Advance plans will be made for constructing new bear and goat exhibits. Advance planning of the service roadway and utilities assigned to this phase will continue. (Total \$27,000).

The Smithsonian Institution will require \$10,000 in fiscal year 1966 for the improvement program, including consultants fees, travel for inspection of good design practices in other zoos, purchase of equipment, and similar expenses directly related to the program of improvements.

Construction -- exhibits . . . . . \$1,380,000

The multi-climate house, a special environmental building which is divided into the zones of climatic control to accommodate tropical, desert, and temperate zone creatures, will be constructed in fiscal year 1966. In this building will be exhibited those peculiar species

of animals which cannot be exhibited other than by duplicating their natural home or are best kept under controlled conditions of temperature and humidity. Such animals include manatee, platypus, specialized monkeys and apes. The location of this building is west of the small mammal building and south of the elephant house, as shown in the Master Plan.

The upper floor of this house will be devoted to administrative offices. The present administrative building, over 159 years old, is in very poor condition and wholly inadequate to house the administrative offices of the National Zoological Park. In addition, it is located too far from the center of activity in the Zoo for effective management.

SPACE MUSEUM  
OF ORIGIN & REN  
STATUE \* BAIRD

MUSEUM OF ORIGIN & REN

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STAT. AIR AND

RESTORATION & REN. STATUE \* BAIRD

**SMITHSONIAN INSTITUTION**

**Construction of National Air and Space Museum**

( NATIONAL AIR MUSEUM )

For necessary expenses of ~~(preparing plans and specifications for the~~ the  
construction of a ~~(suitable) building for (a) National Air Museum for the~~ and Space  
use of the Smithsonian Institution, (as authorized by the Act of Sep- \$125,000  
tember 6, 1958 (20 U.S.C. 77b note), and not to exceed (\$60,000) for  
services as authorized by section 15 of the Act of August 2, 1946 (5  
U.S.C. 55a), (\$1,364,000)

(Department of the Interior and Related  
Agencies Appropriation Act, 1965.)

at rates not to  
exceed \$100 per  
diem for individuals,  
\$40,045,000, to  
remain available  
until expended;  
Provided, that such  
sums as are necessary  
may be transferred  
to the General Services  
Administration for  
execution of the work.  
(Authorizing  
legislation to be  
proposed.)



1-14-66

SMITHSONIAN INSTITUTION  
NATIONAL AIR AND SPACE MUSEUM

PROGRAM AND FINANCING (IN THOUSANDS OF DOLLARS)

PROGRAM BY ACTIVITIES:	COSTS TO THIS APPROPRIATION				ANALYSIS OF 1966 FINANCING			APPROPRIATION REQUIRED TO COMPLETE
	TOTAL ESTIMATE	To JUNE 30, 1963	1964 ACTUAL	1965 ESTIMATE	1966 ESTIMATE	DEDUCT SELECTED RESOURCES AND UNOBLIGATED BALANCE, START OF YEAR	ADD SELECTED RESOURCES AND UNOBLIGATED BALANCE, END OF YEAR	
32-50-0130-0-1-704								
1. PLANNING, DESIGN, AND SUPERVISION .....	1,873	....	339	1,423	111	111	....	....
2. CONSTRUCTION .....	40,045	....	....	....	11,189	....	28,856	40,045
TOTAL PROGRAM COSTS, FUNDED .....	41,918	....	339	1,423	111	111	28,856	40,045
CHANGE IN SELECTED RESOURCES <sup>1/</sup> .....			170	-59	-28,745			
10 TOTAL OBLIGATIONS .....			509	1,364	40,045			

1/ SELECTED RESOURCES AS OF JUNE 30 ARE AS FOLLOWS: UNPAID UNDELIVERED ORDERS, 1963, \$0 THOUSANDS; 1964, \$170 THOUSAND; 1965, \$111 THOUSAND; 1966, \$28,856 THOUSAND.

*Corrected 12-17-64  
Mr. Beck*

**STANDARD FORM 301**  
Short form  
July 1964, Bureau of the Budget  
Circular No. A-11, Revised.  
301-102

SMITHSONIAN INSTITUTION  
NATIONAL AIR AND SPACE MUSEUM

FINANCING AND EXPENDITURES (in thousands of dollars)

Identification code 32-50-0130-0-1-704	1964 actual	19 65 estimate	19 66 estimate
10 Total obligations (from program schedule).....	509	1,364	<del>40,045</del>
<b>Financing:</b>			
Receipts and reimbursements from:			
11 Administrative budget accounts (—).....			
13 Trust fund accounts (—).....			
14 Non-Federal sources (—).....			
16 Comparative transfers to/from (—) other accounts.....			
17 Recovery of prior year obligations (—).....			
21 Unobligated balance available, start of year (—).....			
24 Unobligated balance available, end of year.....			
25 Unobligated balance lapsing.....	2	....	....
26 Unobligated balance rescinded (—).....			
40 New obligational authority <i>(unexpended)</i> .....	511	1,364	<del>40,045</del>
<b>Relation of obligations to expenditures:</b>			
10 Total obligations.....	509	1,364	<del>40,045</del>
70 Receipts and other offsets (items 11-17).....			
71 Obligations <i>(affecting expenditures)</i> .....	509	1,364	<del>40,045</del>
72 Obligated balance, start of year.....	....	179	180
74 Obligated balance, end of year (—).....	-179	-180	<del>-29,225</del>
77 Adjustments in expired accounts.....			
90 Expenditures.....	330	1,363	<del>11,000</del> 180

RESTORATION & RENOVATION STATUE \* BAIRD

MUSEUM NATIONAL AIR AND SPACE

1. Planning, design and supervision. —Planning for the construction of a National Air and Space Museum, to be located in Washington, will be completed in ~~fiscal year~~ 1965.

*This is a revision*  
~~2. Construction. --Funds are requested for fiscal year 1966 for construction of this building which will display unequalled national collections of famous air and space craft. The proposed museum will also present the mathematics, physics, fuel chemistry, metallurgy, and broad engineering bases of aeronautics and space exploration. It is expected that the construction of this building will be completed in June 1968.~~

Corrected 12-17-64 The Book  
page proof 1-14-65

SMITHSONIAN INSTITUTION  
 NATIONAL AIR AND SPACE MUSEUM

Object Classification (in thousands of dollars)

Identification code	1964 actual	1965 estimate	1966 estimate
32-50-0130-0-1-704			
<b>SMITHSONIAN INSTITUTION</b>			
11.3 Personnel compensation: Positions other than permanent .....	12	24	....
12.0 Personnel benefits .....	1	2	....
21.0 Travel and transportation of persons .....	4	7	....
25.1 Other services .....	8	42	....
Total <sup>costs</sup> Smithsonian Institution .....	25	75	....
<b>ALLOCATION TO GENERAL SERVICES ADMINISTRATION</b>			
21.0 Travel .....	....	5	....
24.0 Printing and reproduction ..	....	50	....
25.1 Other services .....	314	1,293	<del>400</del> ///
<del>32.0 Lands and structures .....</del>	<del>....</del>	<del>....</del>	<del>10,900</del>
Total <sup>costs</sup> General Services Administration .....	314	1,348	<del>11,300</del> ///
Total costs, <sup>from other</sup> .....	339	1,423	<del>11,300</del> ///
94.0 Change in selected resources	170	-59	<del>28,745</del> - ///
99.0 Total obligations .....	509	1,364	<del>40,045</del>

RESTORATION & RENOVATION STATUE \* BAIRD

SMITHSONIAN INSTITUTION



SMITHSONIAN INSTITUTION  
 NATIONAL AIR AND SPACE MUSEUM

Personnel Summary

Identification code 32-50-0130-0-1-704	1964 actual	1965 estimate	1966 estimate
Average number of all employees	175 2	2	... 9
<del>Number of employees at end of year</del>	<del>2</del>	<del>2</del>	<del>....</del>
Average GS grade .....	9.0	9.0	.... 9
Average GS salary .....	\$8,050	\$8,512	.... 9

## CONSTRUCTION OF NATIONAL AIR AND SPACE MUSEUM

66  
DATE  
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An appropriation of \$40,045,000 is requested for fiscal year 1966 for the construction of the National Air and Space Museum Building. This amount is requested in order that the project for which a site in the Mall has been designated by an Act of Congress and for which building plans and specifications are already being developed can be placed under construction when planning is completed in July 1965. This building will provide appropriate facilities for display of the national collection of historic and modern air and space craft to visitors numbering over 5 million annually from every state in the Union.

The size and cost of this building are determined by its function and by its location on the Mall, where it is a part of the Smithsonian complex of museums and art galleries and is most convenient to visitors. Its commodious proportions and long-span design are necessary to accommodate a heavy visitor load of over 5,000,000 persons annually and to display a large collection of historic air and space craft together with thousands of instruments, engines, uniforms, trophies, models, drawings, reference books, and memorabilia that comprise this great historical documentation and exhibition of air and space exploration.

F-6

Planning was authorized by the Act of September 6, 1958. The Mall site for the building was designated by the same Act, after extensive Congressional hearings. The appropriation of \$511,000 in fiscal year 1964 and \$1,364,000 in 1965 provided for the plans and

specifications which are being prepared for the General Services Administration and the Smithsonian Institution by Hellmuth, Obata and Kassabaum, and Mills, Petticord and Mills, architects. The detailed plans and specifications required for advertising for bids for construction are estimated to be completed by the end of fiscal year 1965.

The legislation to authorize construction of the museum building (S. 2602 of the 88th Congress) passed the Senate and was recommended by the Subcommittee of the House Committee on House Administration. The full Committee tabled the legislation. Referring to S. 2602, the Chairman of the Committee on House Administration stated in a letter dated September 3, 1964:

"Frankly, I was surprised and disappointed that the House Administration Committee, on August 11, 1964, acted adversely on this measure. I believe, however, that favorable action can eventually be obtained.

"I have discussed with the Speaker the scheduling of this measure, if brought out of the Committee. With a crowded Calendar and the pressure for adjournment, it may not be advisable to attempt passage in this Session. I hope, however, that both the House and Senate may take it up in the early part of the 89th Congress, and I assure you of my continuous interest in it."

The Smithsonian Institution expects this legislation to be introduced and passed early in the next Session.

This legislation was recommended by, or was without objection to, the Department of the Air Force, the Commission of Fine Arts, the National Capital Planning Commission, the Federal Aviation Agency, the General Services Administration, and the National Aeronautics and Space Administration.

On April 28, 1964, the Commission of Fine Arts approved the



preliminary design of the proposed museum building. On May 8, 1964, the National Capital Planning Commission approved the location of the building on the Mall site and the preliminary design of the building, including its height, bulk, and size and the provisions for open space in and around the building. Both approvals have since been followed by ratification of such various elements as parking entrances, traffic flow, materials of construction, and minor architectural designs.

The Bureau of the Budget has advised that there is no objection from the standpoint of the administration's program to the presentation to the Congress of this report, provided section 3 (2)(b) relating to the nonapplication of the Classification Act to the salary of the Director of the National Air and Space Museum is deleted as recommended by the Civil Service Commission. (This has been done.)

This legislation has the approval of the Board of Regents of the Smithsonian Institution, and was introduced in the Senate by Senator Anderson, for himself and Senator Saltonstall, both Regents of the Smithsonian. Similar legislation, House Joint Resolution 940, was introduced in the House of Representatives by the late Congressman Clarence Cannon, also a Regent of the Smithsonian.

The National Air Museum Advisory Board also has voiced its approval of the project.

In view of this history of endorsement of the building and the legislation to authorize it, the Smithsonian Institution urgently requests that construction funds in the amount of \$40,045,000 be included in the President's Budget for 1966. The appropriation should be made contingent upon passage of authorizing legislation. This will permit

ADVANCEMENT AND STATUE \* RAIRD



construction to start in the summer of 1965 provided that the authorizing legislation is enacted into law during the first session of the 89th Congress. Such uninterrupted progress on the project will avoid the potential increase in cost arising from a delay of one year and will permit construction to proceed upon the completion of planning in July 1965.

The construction of the museum building will make possible for the first time a comprehensive presentation to the public of notable air and space exhibits. It will also present the mathematics, physics, fuel chemistry, metallurgy, and broad engineering bases of aeronautics and space exploration. The educational and inspirational character of these exhibits will find a response in the interest and enthusiasm of American youth in air and space science. Only by the display of original aircraft and space craft from the national collections can the millions of visitors each year relive notable events in our national history, and gain an understanding of the underlying principles of science and technology which have made possible our achievements in this field. Included in the Air Museum's historic collections are the original Wright Brothers' "Kitty Hawk" Flyer, original Goddard Rockets, the "Spirit of St. Louis," "Freedom 7," and "Friendship 7."

The tremendous public interest in these collections is demonstrated by the great crowds visiting the existing small hangar located behind the Smithsonian Building. This small exhibit, representing less than 5 percent of the Smithsonian's air and space collections, was visited in fiscal year 1964 by 1,854,000 visitors from every State in the Union. As many as 35,000 visitors have crowded through the building in a single day.

We estimate that the new Museum of History and Technology Building will be visited by over 5 million during its first year, based on attendance of 4,500,000 in the first 8 months. A minimum of 5 million visitors a year will surely visit the new National Air and Space Museum Building when it opens. Our conservative estimate of attendance at the new Air and Space Museum in the first decade after its opening is from 50 to 60 million visitors.



pay part 1-14-63

Restoration and Renovation of Buildings

For necessary expenses of restoration and renovation of buildings owned or occupied by the Smithsonian Institution, as authorized by Section 2 of the Act of August 22, 1949, (63 Stat. 623), including not to exceed \$50,000 for services as authorized by section 15 of the Act of August 2, 1946 (5 U.S.C. 55a) <sup>but</sup> at rates not to exceed \$100 per diem for individuals, ~~\$4,547,000~~, <sup>to remain available until expended.</sup>

RESTORATION & RENOVATION OF BUILDINGS

ADVANCES AND

FEDERAL FINANCE

STATUTE \* BAIRD

MUSEUM OF HISTORY AND TECHNOLOGY



SMITHSONIAN INSTITUTION  
RESTORATION AND RENOVATION OF BUILDINGS

PROGRAM AND FINANCING (IN THOUSANDS OF DOLLARS)

	COSTS TO THIS APPROPRIATION				ANALYSIS OF 1966 FINANCING			APPROPRIATION REQUIRED TO COMPLETE	
	Total Estimate	To June 30, 1963	1964 Actual	1965 Estimate	1966 Estimate	Deduct Selected Resources and Unobligated Balance, Start of Year	Add Selected Resources and Unobligated Balance, End of Year		Appropriation Required, 1966
32-50- 0132-c-1-734	170	....	....	....	128	....	-122 42	17.0	....
	489	....	....	....	-367	....	....	....	....
	2078	....	....	....	1560	....	....	20.78	....
	4,058	....	....	....	-3,044	....	....	....	....
	-4,547	....	....	....	7588	....	....	....	....
	2242	....	....	....	-9,411	....	....	....	....
	560	....	....	....	560	....	....	....	....
	1,136	....	....	....	1,136	....	....	....	....
	10	....	....	....	-4,547	....	....	....	....
	2248	....	....	....	2248	....	....	....	....

PROGRAM BY ACTIVITIES:

- 1. PLANNING, DESIGN, AND SUPERVISION .....
- 2. CONSTRUCTION .....

TOTAL PROGRAM COSTS, FUNDED .....

CHANGE IN SELECTED RESOURCES 1/ .....

TOTAL OBLIGATIONS .....

1/ SELECTED RESOURCES AS OF JUNE 30 ARE AS FOLLOWS: UNPAID UNDELIVERED ORDERS, 1966, \$1,136 THOUSAND.

*page 1-14-65*

FINANCING AND EXPENDITURES (in thousands of dollars)

Identification code	1964 actual	1965 estimate	1966 estimate
32-50- <del>1131-8-1-787</del>			
10 Total obligations (from program schedule).....	....	....	<del>4,547</del> 2248
✓ Financing:			
Receipts and reimbursements from:			
11 Administrative budget accounts (—).....			
13 Trust fund accounts (—).....			
14 Non-Federal sources (—).....			
16 Comparative transfers to/from (—) other accounts.....			
17 Recovery of prior year obligations (—).....			
21 Unobligated balance available, start of year (—).....			
24 Unobligated balance available, end of year.....			
25 Unobligated balance lapsing.....			
26 Unobligated balance rescinded (—).....			
✓ 40 New obligational authority <i>(approved)</i> .....	....	....	<del>4,547</del> 2248
✓ Relation of obligations to expenditures:			
10 Total obligations.....	....	....	<del>2248</del> <del>4,547</del>
70 Receipts and other offsets (items 11-17).....			
✓ 71 <i>Total</i> Obligations (affecting expenditures).....	....	....	<del>4,547</del> 2248
72 Obligated balance, start of year.....			899
✓ 74 Obligated balance, end of year (—).....	....	....	<del>1,819</del>
77 Adjustments in expired accounts.....			
✓ 90 Expenditures.....	....	....	<del>2,728</del> 1349

Use instead of Forms 200 and 303 when possible

page 1-14-05

Planning will be completed and contracts awarded in ~~fiscal year~~ 1966 for ~~air conditioning the Arts and Industries Building and decking-over certain court areas in that building;~~ air conditioning the Smithsonian Building, modernizing the third floor, and installing a fourth floor ~~in that building.~~ ~~Feasibility studies for additional space within the Natural History Building will be completed.~~ Conversion of 30,000 square feet of industrial-type building space at the Naval Weapons Plant into research laboratories and workrooms for the Smithsonian's Oceanographic Program will be completed.

OBJECT CLASSIFICATION (in thousands of dollars)

Identification code	1964 actual	1965 estimate	1966 estimate
✓ 32-50-0132-0-1-704			
Personnel compensation:			
11.1 Permanent positions.....			
11.3 Positions other than permanent.....			
11.5 Other personnel compensation.....			
Total personnel compensation.....			
12.0 Personnel benefits.....			
13.0 Benefits for former personnel.....			
21.0 Travel and transportation of persons.....			
22.0 Transportation of things.....			
23.0 Rent, communications, and utilities.....			
24.0 Printing and reproduction.....			
✓ 25.1 Other services.....	....	....	489 170
25.2 Services of other agencies.....			
26.0 Supplies and materials.....			
31.0 Equipment.....			
✓ 32.0 Lands and structures.....	....	....	4,058 <sup>2078</sup>
33.0 Investments and loans.....			
41.0 Grants, subsidies, and contributions.....			
42.0 Insurance claims and indemnities.....			
43.0 Interest and dividends.....			
44.0 Refunds.....			
99.0 Total obligations.....	....	....	4,547 <sup>2248</sup>



## Restoration and Renovation of Buildings

An appropriation of \$4,547,000 is requested for fiscal year 1966 for the restoration and renovation of the Arts and Industries and the Smithsonian Institution Buildings; for alteration of occupied space at the Naval Weapons Plant; and for a feasibility study of the East and West Courts of the Museum of Natural History to improve and increase the amount of usable space and to provide air conditioning.

### Arts and Industries Building

*out*  
Included in this request is \$2,199,000 to air-condition the Arts and Industries Building and to increase the square footage of space available on the second floor of the building to provide office and storage space.

The Board of Regents of the Smithsonian Institution has determined that the Arts and Industries Building, old but still very serviceable, will be used indefinitely as an exhibition building. It is planned to exhibit here large objects which cannot be accommodated in the new Museum of History and Technology, such as transportation vehicles, tanks, cannons, and other military objects. Significant aircraft will also be exhibited in the Arts and Industries Building until they can be installed in the National Air and Space Museum, probably in fiscal year 1969. The building also is being used to house curatorial and administrative staff formerly housed in temporary Government quarters and for recently authorized activities such as the National Portrait Gallery and the National Armed Forces Museum Advisory Board. This building is also urgently needed to provide office space to alleviate crowded conditions in other Smithsonian buildings.

ADVANCES AND  
PERMANENTMENTS

TRUST FUND: CZBA

STATUE \* BAIRD

MUSEUM OF HISTORY  
AND TECHNOLOGY

ADDITIONAL

Installation of air conditioning in this building will contribute in a very substantial way to the comfort of the great crowds of visitors who tour it each year, as well as add to the effectiveness of staff located in this building. There were 2,457,243 visitors in this building during fiscal year 1964. Temperature and humidity control will also assist in our efforts to preserve valuable specimens and objects which are placed on public exhibition or stored in the reference collections in this building.

We also need to increase the square footage of space available on the second floor of the Arts and Industries Building to obtain, at least cost possible, urgently needed office and storage space. By flooring over certain court areas an additional 26,000 square feet of office and storage space would be gained. Both the estimate of \$1,199,000 to air-condition the building and \$1,000,000 to deck over certain court areas in that building were provided by the Public Buildings Service, General Services Administration.

Smithsonian Institution Building

The sum of \$2,054,000 is requested to air-condition the entire Smithsonian Building and to modernize the third floor, and to install a fourth floor to provide urgently needed space.

The expected completion of the West Wing of the Natural History Building in 1965 will make possible the removal of the National Herbarium containing over three million botanical specimens, together with the curatorial and research offices of the Department of Botany, from the third floor and the improvised deck over the third floor. This will provide us with an extraordinary opportunity to acquire a substantial

block of valuable office space within an existing building at minimum expense, by improving the usefulness of the upper floors of the old building for curatorial and administrative work areas. The net gain in usable office area will be 20,000 square feet.

The Smithsonian Institution Building is one of the important 19th Century buildings of our country and has been designated by many architectural historians as one to be preserved for its historical significance. It was the first building in America to be erected in the style termed by its designer as Lombard Romanesque. James Renwick, Jr., first President of the American Institute of Architects, was the designer.

The renovation of the third and fourth floors of the Smithsonian Building will include a new metal spiral stairway in the southwest tower between the third and fourth floors; 2 toilet rooms; new passenger elevator in the south tower with service stops at all five floors; and fluorescent lighting for the third and fourth floors.

In addition, for the comfort of the many visitors (1,311,061 in 1964) to the exhibition area of this building, as well as for the efficiency of workers in the administrative and curatorial offices, it is proposed that the entire building be air-conditioned, the heating system be renovated; and that separate storm and sanitary sewers be provided for the whole building. An underground transformer vault will be installed.

The estimate of \$2,054,000 for air-conditioning the whole building and modernizing the third floor and installing a new fourth floor has



been provided by the Public Buildings Service, General Services Administration.

Alteration and improvement of space at Naval Weapons Plant

The sum of \$194,000 is required to convert 30,000 square feet of industrial type building space at the Naval Weapons Plant into research laboratories and workrooms for the Smithsonian's Oceanographic program. Both the Executive and Legislative branches are placing increased emphasis on a national oceanographic program. Within the expanding national oceanographic program the Smithsonian Institution, at the direction of the Interagency Committee on Oceanography, is developing competence to handle the natural history specimens of organisms and sediments. This competence will supplement research developments in other agencies in the fields of sedimentology and marine biology.

The Oceanographic Sorting Center of the Smithsonian Institution is now occupying approximately 30,000 square feet of rent-free space at the Naval Weapons Plant.

The continuing expansion of the activities in oceanography has resulted in a need for additional space. The additional space will allow for expansion of the Sorting Center and development of a Sedimentation Laboratory and provision for an Identification Service for oceanographic specimens. An area equivalent to that already occupied will require extensive alterations and improvements to make it suitable for these oceanographic activities.

ADVANCES AND  
FUNDING STATEMENTS

TRUST FUND: CZBA

STATUE \* BAIRD

MUSEUM OF HISTORY  
AND TECHNOLOGY

ADMINISTRATION



Included in the alteration work are installation of floor tile, steel shelving, new partitions, and ceilings; modifying the heating and lighting systems; replacement of windows; and repainting.

The estimate of \$194,000 is based on the cost of converting the previously acquired space into research laboratories and workrooms.

Feasibility studies of construction within the Natural History Building

The sum of \$100,000 is requested for feasibility studies of additional construction within the confines of the original Natural History Building.

Studies indicate the requirement by 1970 for approximately 50 percent more space than 1965 holdings for Museum of Natural History purposes. Planned, strengthened and more dynamic programs in research, much greater emphasis on education using the facilities of the museum, and substantial increases to the natural history collections indicate that activities in the Natural History Building could use effectively 200,000 square feet of additional space.

The Natural History Building, completed in 1911, contains a number of large open areas lending themselves to the construction of work and storage spaces. The West Court, 128 feet square and almost 100 feet high, offers a possible potential of seven floors with a total of 100,000 square feet. The East Court has the same basic dimensions and, despite containing central air-conditioning equipment, may offer some space for construction. Within the original building the large halls with a height of about 55 feet and certain other spaces with high ceilings might be decked to provide additional floors for work space.

The purposes of the feasibility studies would be to identify all major areas within the existing building where construction would yield additional work and storage space at the least cost and to develop preliminary plans and estimates for performing the work.

Summary

Arts and Industries

Air conditioning .....	\$1, 199, 000	
Decking .....	<u>1, 000, 000</u>	\$2, 199, 000

Smithsonian Building

Air conditioning and renovation of 3rd and 4th floors, elev., etc. ....		2, 054, 000
--	--	-------------

Weapons Plant

Conversion of 30, 000 sq. ft. to laboratories and workrooms .....		194, 000
--	--	----------

Museum of Natural History

Feasibility studies for additional space .....		<u>100, 000</u>
--	--	-----------------

Total .....		<u><u>\$4, 547, 000</u></u>
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ADVANCES AND  
STANDARDIZATION

TRUST FUND: CZBA

STATUE \* BAIRD

MUSEUM OF HISTORY  
AND TECHNOLOGY

ANNEX



SMITHSONIAN INSTITUTION

MEMORIAL STATUE OF SPENCER FULLERTON BAIRD

For the necessary expenses of designing, creating and erecting a statue of Spencer Fullerton Baird on the grounds of the Smithsonian Institution, including foundation and pedestal, and including expenses for services as authorized by section 15 of the Act of August 2, 1946, (5 U. S. C. 55a). \$75,000

(Authorizing Legislation to be Proposed)

STATUE \* BAIRD



SMITHSONIAN INSTITUTION  
MEMORIAL STATUE OF SPENCER FULLERTON BAIRD  
PROGRAM AND FINANCING (IN THOUSANDS OF DOLLARS)

	COSTS TO THIS APPROPRIATION				ANALYSIS OF 1966 FINANCING			APPROPRIATION REQUIRED TO COMPLETE
	TOTAL ESTIMATE	1966 ESTIMATE			DEDUCT SELECTED RESOURCES AND UNOBLIGATED BALANCE, START OF YEAR	ADD SELECTED RESOURCES AND UNOBLIGATED BALANCE, END OF YEAR	APPROPRIATION REQUIRED, 1966	
		To JUNE 30, 1963	1964 ACTUAL	1965 ESTIMATE				
<u>PROGRAM BY ACTIVITIES:</u>								
1. PLANNING, DESIGN, AND SUPERVISION .....	5	.....	.....	.....	5	.....	5	.....
2. CONSTRUCTION .....	70	.....	.....	.....	55	15	70	.....
TOTAL PROGRAM COSTS, FUNDED .....	75	.....	.....	.....	60	15	75	.....
CHANGE IN SELECTED REBOURCES 1/ .....								
TOTAL OBLIGATIONS .....								

1/ SELECTED REBOURCES AS OF JUNE 30 ARE AS FOLLOWS:  
UNPAID UNDELIVERED ORDERS, 1966, \$15 THOUSAND.

SMITHSONIAN INSTITUTION  
 MEMORIAL STATUE OF  
 SPENCER FULLERTON BAIRD

FINANCING AND EXPENDITURES (in thousands of dollars)

Identification code	1964 actual	1965 estimate	1966 estimate
10 Total obligations (from program schedule).....	....	....	75
<b>Financing:</b>			
Receipts and reimbursements from:			
<del>11</del> Administrative budget accounts (—).....			
<del>13</del> Trust fund accounts (—).....			
<del>14</del> Non-Federal sources (—).....			
<del>16</del> Comparative transfers to/from (—) other accounts.....			
<del>17</del> Recovery of prior year obligations (—).....			
<del>21</del> Unobligated balance available, start of year (—).....			
<del>24</del> Unobligated balance available, end of year.....			
<del>25</del> Unobligated balance lapsing.....			
<del>26</del> Unobligated balance rescinded (—).....			
40 New obligational authority.....	....	....	75
Relation of obligations to expenditures:			
10 Total obligations.....	....	....	75
70 Receipts and other offsets (items 11-17).....			
71 Obligations affecting expenditures.....	....	....	75
<del>72</del> Obligated balance, start of year.....			
74 Obligated balance, end of year (—).....	....	....	-25
<del>77</del> Adjustments in expired accounts.....			
90 Expenditures.....	....	....	50

Use instead of Forms 302 and 303 when possible

☆ GPO: 1964-0-735-187

In fiscal year 1966 a statue will be erected on the grounds of the Smithsonian Institution to memorialize the second Secretary of the Smithsonian, Spencer Fullerton Baird. Dr. Baird, a distinguished naturalist and eminent biologist, served the Smithsonian for 37 years.

SMITHSONIAN INSTITUTION  
 MEMORIAL STATUE OF  
 SPENCER FULLERTON BAIRD

OBJECT CLASSIFICATION (in thousands of dollars)

Identification code	1964 actual	1965 estimate	1966 estimate
32-50-			
<b>Personnel compensation:</b>			
11.1 Permanent positions.....			
11.3 Positions other than permanent.....			
11.5 Other personnel compensation.....			
<b>Total personnel compensation.....</b>			
12.0 Personnel benefits.....			
13.0 Benefits for former personnel.....			
21.0 Travel and transportation of persons.....			
22.0 Transportation of things.....			
23.0 Rent, communications, and utilities.....			
24.0 Printing and reproduction.....			
25.1 Other services.....	....	....	5
25.2 Services of other agencies.....			
26.0 Supplies and materials.....			
31.0 Equipment.....			
32.0 Lands and structures.....	....	....	55
33.0 Investments and loans.....			
41.0 Grants, subsidies, and contributions.....			
42.0 Insurance claims and indemnities.....			
43.0 Interest and dividends.....			
44.0 Refunds.....			
<b>Total costs, funded.....</b>	....	....	60
94.0 Change in selected resources.....	....	....	15
<b>99.0 Total obligations.....</b>	....	....	75

GPO: 1964 90



An appropriation of \$75,000 is requested to erect a statue on the grounds of the Smithsonian Institution to memorialize the second Secretary of the Smithsonian Institution, and organizer of the United States National Museum, Spencer Fullerton Baird.

Dr. Baird, a distinguished naturalist and eminent biologist, served the Smithsonian for thirty-seven years. From 1878 to 1887 he served as the Institution's second Secretary. During his career with the Smithsonian Institution, he developed the United States National Museum; promoted the establishment of the United States Fish Commission, the first Government conservation agency, and served as its first Commissioner. Secretary Baird was instrumental in establishing and organizing the International Exchange Service, which continues to play an active role in the diffusion of knowledge. He was a leading promoter of the early Government surveys of the western United States and helped make these activities a traditional part of the Smithsonian Institution. The Marine Biology Station at Woods Hole, Massachusetts, now the famous "Woods Hole Oceanographic Institution", originated with him.

The accomplishments of this famous American scientist deserve the wider recognition that the erection of this statue would accomplish, and this memorial will be highly appreciated by biologists throughout the world.

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SMITHSONIAN INSTITUTION  
MUSEUM OF HISTORY AND TECHNOLOGY

PROGRAM AND FINANCING (IN THOUSANDS OF DOLLARS)

	COSTS TO THIS APPROPRIATION				ANALYSIS OF 1966 FINANCING			APPROPRIATION REQUIRED TO COMPLETE	
	TOTAL ESTIMATE	To JUNE 30, 1963	1964 ACTUAL	1965 ESTIMATE	1966 ESTIMATE	DEDUCT SELECTED RESOURCES AND UNOBLIGATED BALANCE, START OF YEAR	ADD SELECTED RESOURCES AND UNOBLIGATED BALANCE, END OF YEAR		APPROPRIATION REQUIRED, 1966
32-50-0126-0-1-704									
<u>PROGRAM BY ACTIVITIES:</u>									
1. PLANNING, DESIGN, AND SUPERVISION .....	4,051	2,914	552	585	.....	.....	.....	.....	
2. CONSTRUCTION .....	31,949	28,381	1,001	1,070	450	1,047	.....	.....	
TOTAL PROGRAM COSTS, FUNDED .....	36,000	31,295	1,553	1,655	450	1,047	.....	.....	
CHANGE IN SELECTED RESOURCES <sup>1/</sup> .....			-404	-270	250				
TOTAL OBLIGATIONS .....			1,149	1,384	700				

*1/*

<sup>1/</sup> SELECTED RESOURCES AS OF JUNE 30 ARE AS FOLLOWS: UNPAID UNDELIVERED ORDERS. 1963, \$724 THOUSAND; 1964, \$320 THOUSAND; 1965, \$50 THOUSAND; 1966, \$300 THOUSAND.

SMITHSONIAN INSTITUTION  
 MUSEUM OF HISTORY AND TECHNOLOGY

FINANCING AND EXPENDITURES (in thousands of dollars)

Identification code	1964 actual	1965 estimate	1966 estimate
32-50-0126-0-1-704			
10 Total obligations (from program schedule).....	1, 149	1, 384	700
✓ Financing:			
Receipts and reimbursements from:			
11 Administrative budget accounts (—).....			
13 Trust fund accounts (—).....			
14 Non-Federal sources (—).....			
16 Comparative transfers to/from (—) other accounts.....			
17 Recovery of prior year obligations (—).....			
✓ 21 Unobligated balance available, start of year (—).....	-3, 981	-2, 831	-1, 447
✓ 24 Unobligated balance available, end of year.....	2, 831	1, 447	747
25 Unobligated balance lapsing.....			
26 Unobligated balance rescinded (—).....			
✓ 40 New obligational authority.....	....	....	....
Relation of obligations to expenditures:			
10 Total obligations.....	1, 149	1, 384	700
70 Receipts and other offsets (items 11-17).....			
71 <sup>Total</sup> Obligations (affecting expenditures).....	1, 149	1, 384	700
72 Obligated balance, start of year.....	1, 898	474	75
74 Obligated balance, end of year (—).....	-474	-75	-400
77 Adjustments in expired accounts.....			
90 Expenditures.....	2, 574	1, 783	375

Use instead of Forms 302 and 303 when possible

☆ GPO:1964-0-735-187

*Total (from the end)*



1-14-63  
page proof

This new museum was completed and opened to the public in January 1964. In this building, there are displayed national collections typifying the history and technological progress of the United States. Installation of exhibits will continue during 1966.

SMITHSONIAN INSTITUTION  
 MUSEUM OF HISTORY AND TECHNOLOGY

Object Classification (in thousands of dollars)

Identification code	1964 actual	1965 estimate	1966 estimate
32-50-0126-0-1-704			
SMITHSONIAN INSTITUTION			
31.0 Equipment .....	152	551	....
Total, <sup>costs</sup> Smithsonian Institution	152	551	....
ALLOCATION TO GENERAL SERVICES ADMINISTRATION			
24.0 Printing and reproduction ....	4	....	....
25.1 Other services .....	189	15	....
26.0 Supplies and materials .....	8	....	....
32.0 Lands and structures .....	1,200	1,089	450
Total, <sup>costs</sup> General Services Administration .....	1,401	1,104	450
Total costs, <sup>provided</sup> .....	1,553	1,655	400 450
94.0 Change in selected resources	-404	-270	+250
99.0 Total obligations .....	1,149	1,384	700



SMITHSONIAN INSTITUTION  
 ADDITIONS TO THE NATURAL HISTORY BUILDING

PROGRAM AND FINANCING (IN THOUSANDS OF DOLLARS)

	COSTS TO THIS APPROPRIATION				ANALYSIS OF 1966 FINANCING			APPROPRIATION REQUIRED TO COMPLETE	
	TOTAL ESTIMATE	TO JUNE 30, 1963	1964 ACTUAL	1965 ESTIMATE	1966 ESTIMATE	DEDUCT SELECTED RESOURCES AND UNOBLIGATED BALANCE, START OF YEAR	ADD SELECTED RESOURCES AND UNOBLIGATED BALANCE, END OF YEAR		APPROPRIATION REQUIRED, 1966
32-50-0127-0-1-704									
<u>PROGRAM BY ACTIVITIES:</u>									
1. PLANNING, DESIGN, AND SUPERVISION .....	2,794	1,368	453	948	25	25	.....	.....	
2. CONSTRUCTION .....	15,842	8,117	2,831	4,759	135	135	.....	.....	
TOTAL PROGRAM COSTS, FUNDED .....	18,636	9,485	3,284	5,707	160	160	.....	.....	
CHANGE IN SELECTED RESOURCES <sup>1/</sup> .....			3,932	-3,843	-160				
TOTAL OBLIGATIONS .....			7,216	1,864	.....				

<sup>1/</sup> SELECTED RESOURCES AS OF JUNE 30 ARE AS FOLLOWS: UNPAID UNDELIVERED ORDERS, 1963, \$71 THOUSAND; 1964, \$4,003 THOUSAND; 1965, \$160 THOUSAND; 1966, \$0 THOUSAND.



1-24-65

FINANCING AND EXPENDITURES (in thousands of dollars)

Identification code 32-50-0127-0-1-704	1964 actual	1965 estimate	1966 estimate
10 Total obligations (from program schedule).....	7,216	1,864	....
Financing:			
Receipts and reimbursements from:			
<del>11 Administrative budget accounts (-).....</del>			
<del>13 Trust fund accounts (-).....</del>			
<del>14 Non-Federal sources (-).....</del>			
<del>16 Comparative transfers to/from (-) other accounts.....</del>			
<del>17 Recovery of prior year obligations (-).....</del>			
21 Unobligated balance available, start of year (-).....	-9,080	-1,864	....
24 Unobligated balance available, end of year.....	1,864	....	....
<del>25 Unobligated balance lapsing.....</del>			
<del>26 Unobligated balance rescinded (.....)</del>			
40 New obligational authority.....	....	....	....
Relation of obligations to expenditures:			
10 Total obligations.....	7,216	1,864	....
<del>70 Receipts and other offsets (items 11-17).....</del>			
71 Obligations affecting expenditures.....	7,216	1,864	....
72 Obligated balance, start of year.....	180	4,614	307
74 Obligated balance, end of year (-).....	-4,614	-307	....
<del>77 Adjustments in expired accounts.....</del>			
90 Expenditures.....	2,783	6,170	307

Use instead of Forms 302 and 303 when possible

The ~~East Wing~~ was completed and occupied in ~~fiscal year~~ 1964.  
Construction of the ~~West Wing~~, for which funds were appropriated in  
~~fiscal year~~ 1962, is under way and is expected to be completed in  
September 1965.

SMITHSONIAN INSTITUTION  
ADDITIONS TO THE NATURAL HISTORY BUILDING

Object Classification (in thousands of dollars)

Identification code	1964 actual	1965 estimate	1966 estimate
32-50-0127-0-1-704			
SMITHSONIAN INSTITUTION			
11.3 Personnel compensation: Positions other than permanent .....	21	....	....
12.0 Personnel benefits .....	1	....	....
25.1 Other services .....	.....	9	....
31.0 Equipment .....	261	880	25
<i>costs,</i> Total, Smithsonian Institution .....	283	889	25
ALLOCATION TO GENERAL SERVICES ADMINISTRATION			
24.0 Printing and reproduction ..	....	3	....
25.1 Other services .....	170	56	....
32.0 Lands and structures .....	2,831	4,759	135
Total, General Services Administration .....	3,001	4,818	135
Total costs <i>total</i> .....	3,284	5,707	160
94.0 Change in selected resources	3,932	-3,843	-160
99.0 Total obligations .....	7,216	1,864	....

1-14-65

STANDARD FORM 300  
July 1964, Bureau of the Budget  
Circular No. A-11, Revised.  
300-102

SMITHSONIAN INSTITUTION  
ADDITIONS TO THE NATURAL HISTORY BUILDING

Personnel Summary

Identification code 32-50-0127-0-1-704	1964 actual	1965 estimate	1966 estimate
Average number of all employees...	4	.... <sup>0</sup>	.... <sup>0</sup>
<del>Number of employees at end of year</del>	....	....	....
Average GS grade .....	5.0	.... <sup>0</sup>	.... <sup>0</sup>
Average GS salary .....	\$4,690	.... <sup>0</sup>	.... <sup>0</sup>

ADVANCES AND  
REIMBURSEMENTS

TRUST FUND: CZBA

OTHER REPORTS





ADVANCES AND

SMITHSONIAN INSTITUTION  
 ADVANCES AND REIMBURSEMENTS

*Interagency account 301*  
 Program and Financing (in thousands of dollars)

Identification code 32-50-3900-0-4-704	1964 actual	1965 estimate	1966 estimate
<u>Program by activities:</u>			
River Basin archeological studies, Department of the Interior (program costs, funded) .....	243	252	263
Change in selected resources <sup>1/</sup> ...	<del>2</del>	-2	....
<b>Total obligations</b> .....	<b>245</b>	<b>250</b>	<b>263</b>
<u>Financing:</u>			
<del>Administrative budget of accounts</del> - 254	- 254	- 195	- 288
Unobligated balance brought forward .....	- 96	- 105	- 50
<del>Advances and reimbursements from other accounts</del> .....	<del>254</del>	<del>195</del>	<del>288</del>
Unobligated balance carried forward .....	<del>105</del>	<del>50</del>	<del>75</del>
<del>Total financing</del> .....	<del>245</del>	<del>250</del>	<del>263</del>
<i>New obligational authority</i>			
<u>1/ Selected resources as of June 30</u> are as follows: Unpaid un- delivered orders, 1963, \$5 thousand; 1964, \$7 thousand; 1965, \$5 thousand; 1966, \$5 thousand.			

181

41  
21,98

24,98

*11 - Receipts & reimbursements  
from: Administrative budget  
accounts*

TRUST FUND: CZBA  
OTHER REPORTS

STANDARD FORM 301

Short form  
July 1964, Bureau of the Budget  
Circular No. A-11, Revised.  
301-102

SMITHSONIAN INSTITUTION  
ADVANCES AND REIMBURSEMENTS

FINANCING AND EXPENDITURES (in thousands of dollars)

Identification code 32-50-3900-0-4-704	1964 actual	1965 estimate	1966 estimate
10 Total obligations (from program schedule).....	245	250	263
<b>Financing:</b>			
Receipts and reimbursements from:			
11 Administrative budget accounts (-).....	-254	-195	-288
<del>13 Trust fund accounts (-).....</del>			
<del>14 Non-Federal sources (-).....</del>			
<del>16 Comparative transfers to/from (-) other accounts.....</del>			
<del>17 Recovery of prior year obligations (-).....</del>			
21 Unobligated balance available, start of year (-).....	-96	-105	-50
24 Unobligated balance available, end of year.....	105	50	75
<del>25 Unobligated balance lapsing.....</del>			
<del>26 Unobligated balance rescinded (-).....</del>			
40 New obligational authority.....	....	....	....
<b>Relation of obligations to expenditures:</b>			
10 Total obligations.....	245	250	263
70 Receipts and other offsets (items 11-17).....	-254	-195	-288
71 Obligations affecting expenditures.....	-9	55	-25
72 Obligated balance, start of year.....	32	25	40
74 Obligated balance, end of year (-).....	-25	-40	-45
<del>77 Adjustments in expired accounts.....</del>			
90 Expenditures.....	-2	40	-30

Use instead of Form 302 and when possible

☆ GPO: 1964-0-735-187

SMITHSONIAN INSTITUTION  
 ADVANCES AND REIMBURSEMENTS

*Halley* 12/20/64

OBJECT CLASSIFICATION (in thousands of dollars)

Identification code	1964 actual	1965 estimate	1966 estimate
32-50-3900-0-4-704			
Personnel compensation:			
11.1 Permanent positions.....	155	155	161
11.3 Positions other than permanent.....	45	45	45
<del>11.5 Other personnel compensation.....</del>			
Total personnel compensation.....	200	200	206
12.0 Personnel benefits.....	13	13	13
<del>13.0 Benefits for former personnel.....</del>			
21.0 Travel and transportation of persons.....	8	8	10
22.0 Transportation of things.....	....	....	1
23.0 Rent, communications, and utilities.....	3	11	11
<del>24.0 Printing and reproduction.....</del>			
25.1 Other services.....	4	5	6
<del>25.2 Services of other agencies.....</del>			
26.0 Supplies and materials.....	10	8	9
31.0 Equipment.....	5	7	7
<del>32.0 Lands and structures.....</del>			
<del>33.0 Investments and loans.....</del>			
<del>41.0 Grants, subsidies, and contributions.....</del>			
<del>42.0 Insurance claims and indemnities.....</del>			
<del>43.0 Interest and dividends.....</del>			
<del>44.0 Refunds.....</del>			
Total costs, <i>fund.</i> .....	243	252	263
94.0 Change in selected resources.....	-2	-2	....
99.0 Total obligations.....	245	250	263



SMITHSONIAN INSTITUTION  
 ADVANCES AND REIMBURSEMENTS

PERSONNEL SUMMARY

Identification code 32-50-3900-0-4-704	1964 actual	1965 estimate	1966 estimate
Total number of permanent positions	26	26	26
Full-time equivalent of other positions	17	17	17
Average number of all employees	41	41	41
Employees in <del>permanet</del> permanent positions, end of year .....	23	26	26
Employees in other positions, end of year .....	73	89	89
Average GS grade .....	7.6	7.7	7.7
Average GS salary .....	\$6,669	\$7,105	\$7,293

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rec'd 1-11-65*

Type size:  
6 point, 22 picas

**STANDARD FORM 306**  
July 1964, Bureau of the Budget  
Circular No. A-11, Revised.

SMITHSONIAN INSTITUTION  
ADVANCES AND REIMBURSEMENTS

**DETAIL OF PERSONNEL COMPENSATION**

	1964 actual		1965 estimate		1966 estimate	
	Num-ber	Total salary	Num-ber	Total salary	Num-ber	Total salary
Grades and ranges:						
GS-13. \$12,075 to \$15,855	1	\$11,725	1	\$12,495	1	\$12,915
GS-12. \$10,250 to \$13,445	3	30,930	3	32,880	3	33,590
GS-11. \$8,650 to \$11,305	2	17,100	2	17,890	2	18,480
GS-9. \$7,220 to \$9,425 . . . .	6	42,180	6	44,545	6	46,015
GS-7. \$6,050 to \$7,850 . . .	3	18,360	3	19,350	3	19,750
GS-6. \$5,505 to \$7,170 . . .	1	5,760	1	6,060	1	6,060
GS-5. \$5,000 to \$6,485 . . .	3	14,550	4	20,660	4	21,320
GS-4. \$4,480 to \$5,830 . . .	6	26,130	5	23,750	5	24,200
Ungraded positions at hourly rates equivalent to less than \$14,170 . . . . .	1	3,952	1	4,160	1	4,160
Total permanent . . . . .	26	170,687	26	181,790	26	186,490
Pay above the stated annual rate . . . . .		1,313		700		700
Lapses . . . . .	-2	-13,413	-2	-27,490	-2	-26,190
Net savings due to lower pay scales for part of the year		-3,522		0		0
Net permanent (average number, net salary)	24	155,065	24	155,000	24	161,000
Positions other than permanent:						
Intermittent. <i>employment.</i>		44,902		45,000		45,000
Total personnel compensation . . . . .		199,967		200,000		206,000

☆ GPO: 1964-O-741-715

(Mono cast: 21.4)

(Mono cast: 7.9)

(Mono cast: 7.9)

(Mono cast: 7)

TRUST FUND: CZBA

Program and Financing (in thousands of dollars)

Identification code 32-50-8190-0-7-704	1964 actual	1965 estimate	1966 estimate
<p><u>Program by activities:</u></p> <p>Maintenance and operation of facilities (total <del>cost</del> <sup>costs</sup> obligations) (object classification 25.1).....</p>	<p>12</p> <p><del>13</del></p>	<p>15</p>	<p>16</p>
<p><u>Financing:</u></p> <p>21 Unobligated balance brought forward <sup>available, start</sup> of year.....</p> <p>Receipts .....</p> <p>24 Unobligated balance carried forward <sup>available,</sup> end of year.....</p> <p>60 Total financing .....</p> <p><i>New obligation authority (appropriations)</i></p>	<p>- 10 ✓</p> <p><del>16</del></p> <p>-10 13</p> <p>13</p> <p>15 ✓</p>	<p>- 13</p> <p>15</p> <p>13</p> <p>15</p>	<p>- 13</p> <p>15</p> <p>12</p> <p>15</p>

TRUST FUND: CZBA



SMITHSONIAN INSTITUTION  
 TRUST FUND: CANAL ZONE BIOLOGICAL AREA

FINANCING AND EXPENDITURES (in thousands of dollars)

Identification code 32-50-8190-0-7-704	1964 actual	1965 estimate	1966 estimate
10 Total obligations (from program schedule).....	13	15	16
<b>Financing:</b>			
Receipts and reimbursements from:			
<del>11 Administrative budget accounts (-).....</del>			
<del>13 Trust fund accounts (-).....</del>			
<del>14 Non-Federal sources (-).....</del>			
<del>16 Comparative transfers to/from (-) other accounts.....</del>			
<del>17 Recovery of prior year obligations (-).....</del>			
21 Unobligated balance available, start of year (-).....	- 10	- 13	- 13
24 Unobligated balance available, end of year.....	13	13	12
<del>25 Unobligated balance lapsing.....</del>			
<del>26 Unobligated balance rescinded (-).....</del>			
40 New obligational authority.....	16	15	15
<b>Relation of obligations to expenditures:</b>			
10 Total obligations.....	16	15	16
<del>70 Receipts and other offsets (items 11-17).....</del>			
71 <sup>total</sup> Obligations affecting expenditures.....	-16 12	15	16
<del>72 Obligated balance, start of year.....</del>			
<del>74 Obligated balance, end of year (-).....</del>			
<del>77 Adjustments in expired accounts.....</del>			
90 Expenditures.....	16 12	15	16

Use instead of Forms 302 and 303 when possible

Donations, subscriptions, and fees are appropriated and used to defray part of the expenses of maintaining and operating the Canal Zone Biological Area, (5 U. S. C. 133y-4; 20 U. S. C. 79, 79a).

OTHER REPORTS

ALLOCATIONS RECEIVED FROM OTHER ACCOUNTS

NOTE. --Obligations incurred under allocations from other accounts are shown in "National Zoological Park," District of Columbia operating expenses.



SMITHSONIAN INSTITUTION

Numbers of Civilian Personnel  
(As reported in the budget schedules)

	Number of Employees at End of Year					
	1964		1965		1966	
	Permanent positions	Other	Permanent positions	Other	Permanent positions	Other
Salaries and expenses .....	1,238	18	1,566	141	2,212	166
Archeological Research and Excavation (Special Foreign Currency Fund) .....	...	...	...	...	4	...
Remodeling of Civil Service Commission Building .....	...	...	...	2	...	...
National Air and Space Museum .....	...	2	...	2	...	...
Advances and reimbursements .....	22	74	26	89	26	89
National Zoological Park .....	199	16	212	20	226	23
Total actual and estimated employment of Smithsonian Institution .....	1,459	110	1,804	254	2,468	278

*Estimated*  
*2/2/66*

*1536*  
*1869*  
*1873*

*2125*

*2174*  
*2125*

SMITHSONIAN INSTITUTION  
INFORMATION TO CENTRAL AGENCIES

Space Requirements (estimate)

Form 1731 to General Services Administration in September 1964

<u>Amount to be transferred</u>	<u>Additional Area</u>	<u>Employees added at location</u>
0	0	0

Checks to be issued (estimate)

Information to Treasury in May 1964

<u>Revised Estimate Fiscal Year 1965</u>	<u>Estimate Fiscal Year 1966</u>
59,200	61,000

Security investigations to be made (estimate)

Information to Civil Service Commission in August 1964	14
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## EXHIBITS PROGRAM

Museum of History and Technology

Fiscal Years 1964 through 1966

A. Halls installed and opened to the public as of June 30, 1964:

1. Flag Hall
2. First Ladies Hall
- Everyday Life in the American Past:
  3. 17th Century Furnishings
  4. 18th and 19th Century Furnishings
  5. Historic Americans
  6. American Costume
  7. Light Machinery (Timekeeping, Typewriters, Phonographs, and Locks)
  8. Tools
  9. Farm Machinery
10. Road Vehicles (Autos and Coaches)
11. Railroads
12. Temporary Exhibits Gallery (first floor)

B. Additional Halls to be installed and opened to the public by June 30, 1965:

1. Civil Engineering (Bridges and Tunnels)
2. Watercraft
3. Philately and Postal History
4. Glass
5. Graphic Arts: Hand Processes
6. Graphic Arts: Photomechanical Processes
7. Graphic Arts Salon
8. & 9. History of the Armed Forces (through Civil War)
10. Ordnance, and the gunboat Philadelphia
11. Special Exhibits (third floor)

C. Additional Halls to be installed and opened to the public by June 30, 1966:

1. Power Machinery
2. Physical Sciences
3. Medicine and Dentistry
4. Pharmacy
5. Health
6. Petroleum
7. Chemistry
8. Ceramics
9. Textiles
10. Growth of the United States (first section)



## SCHEDULE OF RENOVATION OF EXHIBITS

In 1966 the Smithsonian will continue its program of revitalizing the exhibits in the United States National Museum. The amount required for fiscal year 1966 is \$330,000.

A. Completed and opened to the public in 1964:

1. Osteology Hall (partial)
2. Peoples of Asia and Africa Hall (partial)

B. Halls to be completed and opened to the public by the end of 1965:

1. Reptiles and Fishes Hall
2. Physical Anthropology Hall

C. Construction partially completed by the end of 1965:

1. Old World Archeology Hall
2. Economic Geology Hall
3. Physical Geology Hall
4. Great Hall of Smithsonian Building

D. During 1965, drawings will be finished for the following hall:

1. Animals of the Ice Age Hall

E. During 1966, contract will be awarded for:

1. Animals of the Ice Age Hall

SMITHSONIAN INSTITUTION

GRANTS TO SMITHSONIAN INSTITUTION, FISCAL YEAR 1964

<u>GRANTING AGENCY</u>	<u>TITLE OF GRANT</u>	<u>ACTUAL AMOUNT</u>	
DEPARTMENT OF DEFENSE	MAMMALS AND THEIR ECTOPARASITES FROM IRAN .....	\$22,000	
	MISCELLANEOUS SMALL GRANTS .....	<u>12,000</u>	
TOTAL, DEPARTMENT OF DEFENSE .....		\$34,000	
DEPARTMENT OF HEALTH, EDUCATION AND WELFARE	CHRONIC DISEASES IN RELATION TO SOCIAL EFFICIENCY.....	10,000	
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	STUDY OF METEORITES .....	222,000	
	PURCHASE OF TEKTITE COLLECTION .....	28,000	
	PRAIRIE NETWORK .....	150,000	
	SATELLITE TRACKING PROGRAM .....	4,000,000	
	MISCELLANEOUS SMALL GRANTS .....	<u>31,000</u>	
TOTAL, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION .....		4,431,000	
NATIONAL SCIENCE FOUNDATION	SCIENCE INFORMATION EXCHANGE .....	1,500,000	
	POLYCHAETOUS ANNELIDS OF NEW ENGLAND .....	18,000	
	THE PHANEROGAMS OF COLOMBIA .....	52,000	
	REVISION OF SCARAB BEETLES OF THE GENUS ATAENIUS ..	14,000	
	UPPER CRETACEOUS INOCERAMINAE IN NORTH AMERICA AND WESTERN EUROPE .....	18,000	
	RECORDING OF DATA FOR SPECIMENS COLLECTED DURING THE U.S. ATLANTIC PROGRAM .....	27,000	
	ENVIRONMENT OF PERMO-TRIASSIC REPTILES OF THE ORDER THERAPSIDA IN S. AFRICA .....	16,000	
	SORTING OF U.S. ANTARCTIC RESEARCH PROGRAM BIOLOGICAL COLLECTIONS .....	29,000	
	PRE-INDUSTRIAL SYSTEM OF WATER MANAGEMENT IN ARID REGIONS .....	13,000	
	EVOLUTION & DISTRIBUTION OF PARMELIA IN EASTERN ASIA AND THE PACIFIC REGION .....	<u>13,000</u>	
	TOTAL, NATIONAL SCIENCE FOUNDATION .....		<u>1,700,000</u>
	TOTAL GRANTS, FISCAL YEAR 1964 .....		<u>\$6,175,000</u>

RESEARCH BY SMITHSONIAN INSTITUTION ON CONTRACTS, FISCAL YEAR 1964

<u>AGENCY WITH WHOM CONTRACT WAS MADE</u>	<u>RESEARCH FIELD</u>	<u>ACTUAL AMOUNT</u>
ATOMIC ENERGY COMMISSION	PLANT PHYSIOLOGY .....	\$15,000
DEPARTMENT OF DEFENSE	ASTROPHYSICS .....	\$105,000
	COMPUTER TECHNIQUES .....	20,000
	ZOOLOGY .....	<u>421,000</u>
TOTAL, DEPARTMENT OF DEFENSE .....		546,000
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	CELESCOPE .....	1,400,000
	ASTROPHYSICS .....	<u>12,000</u>
TOTAL, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION .....		<u>1,412,000</u>
TOTAL, RESEARCH CONTRACTS, FISCAL YEAR 1964 .....		<u>\$1,973,000</u>

SMITHSONIAN INSTITUTION

GRANTS TO SMITHSONIAN INSTITUTION, FISCAL YEAR 1965

<u>GRANTING AGENCY</u>	<u>TITLE OF GRANT</u>	<u>ESTIMATED AMOUNT</u>
DEPARTMENT OF DEFENSE	MAMMALS AND THEIR ECTOPARASITES FROM IRAN .....	\$22,500
	MISCELLANEOUS SMALL GRANTS .....	<u>15,500</u>
	TOTAL, DEPARTMENT OF DEFENSE .....	\$38,000
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	STUDY OF METEORITES .....	403,500
	PRAIRIE NETWORK .....	140,000
	SATELLITE TRACKING PROGRAM .....	<u>4,000,000</u>
TOTAL, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION .....	4,543,500	
NATIONAL SCIENCE FOUNDATION	SCIENCE INFORMATION EXCHANGE .....	2,000,000
	RECORDING OF DATA FOR SPECIMENS COLLECTED DURING U.S. ANTARCTIC PROGRAM .....	41,500
	UNDERGRADUATE RESEARCH PARTICIPATION PROGRAM .....	11,200
	IDENTIFICATION GUIDE TO ANTARCTIC BIRDS .....	12,200
	OSTRACODA OF THE INDIAN OCEAN .....	24,200
	ESTIMATED MISCELLANEOUS GRANTS .....	<u>110,900</u>
TOTAL, NATIONAL SCIENCE FOUNDATION .....	<u>2,200,000</u>	
TOTAL GRANTS, FISCAL YEAR 1965 .....	<u>\$6,781,500</u>	

RESEARCH BY SMITHSONIAN INSTITUTION ON CONTRACTS, FISCAL YEAR 1965

<u>AGENCY WITH WHOM CONTRACT WAS MADE</u>	<u>RESEARCH FIELD</u>	<u>ESTIMATED AMOUNT</u>
ATOMIC ENERGY COMMISSION	PLANT PHYSIOLOGY .....	66,000
DEPARTMENT OF DEFENSE	ZOOLOGY .....	410,000
NATIONAL AERONAUTICS AND SPACE ADMINISTRATION	TELESCOPE .....	<u>2,200,000</u>
TOTAL RESEARCH CONTRACTS, FISCAL YEAR 1965 .....		<u>\$2,676,000</u>





SMITHSONIAN INSTITUTION BUDGET ESTIMATES FISCAL YEAR 1966 - BREAKDOWN BY FUNCTION CLASSIFICATION

	ADMINISTRATIVE		CLERICAL		PROFESSIONAL		MUSEUM AIDS		EXHIBITS		LABORERS		GUARDS		MECHANICS		TOTAL	
	1965	1966	1965	1966	1965	1966	1965	1966	1965	1966	1965	1966	1965	1966	1965	1966	1965	1966
ASTROPHYSICAL OBS.	2	2	2	2	41	49	--	1	--	--	--	--	--	--	--	--	45	54
RADIATION & ORGANISMS	2	2	1	2	16	17	--	3	--	--	2	2	2	2	2	2	23	28
BUILDINGS MANAGEMENT	6	9	23	26	--	--	--	--	--	--	239	275	259	272	189	219	716	801
CANAL ZONE BIOL. AREA	2	2	3	4	2	4	2	2	--	--	1	3	2	3	6	7	18	25
COOP. RESEARCH & TRAIN.	--	3	--	4	--	--	--	21	--	--	--	--	--	--	--	--	--	28
FREER GALLEY OF ART	--	--	3	4	--	--	--	--	--	--	--	--	--	--	--	--	3	6
INTERNAT'L. ACTIVITIES	--	2	--	2	--	--	--	--	--	--	--	--	--	--	--	--	--	4
INTERNAT'L. EXCHANGE	1	1	7	8	--	--	--	--	--	--	2	2	--	--	1	3	11	14
NATIONAL AIR MUSEUM	1	2	6	14	5	8	4	10	--	9	1	1	--	--	11	33	28	77
NATIONAL ARMED FORCES	--	--	1	2	1	3	--	--	--	--	--	--	--	--	2	--	2	5
NAT'L. COLL. FINE ARTS	1	2	7	15	6	11	2	6	1	1	--	--	--	--	17	--	17	35
NATIONAL PORTRAIT GAL.	1	1	4	8	4	7	--	1	--	--	--	--	--	--	9	--	9	17
OFF. OF COMMUNITY EXHIB.	--	1	--	14	--	10	--	5	--	--	--	--	--	--	--	--	--	30
OFFICE OF SECRETARY	14	15	15	19	--	--	--	--	--	--	--	--	--	--	29	--	--	34
U.S. NAT'L. MUSEUM:	(15)	(16)	(125)	(190)	(142)	(192)	(120)	(247)	(112)	(117)	(9)	(11)	--	--	(41)	(43)	(564)	(816)
OFFICE OF DIRECTOR	2	2	25	31	--	--	--	6	--	--	--	--	--	--	--	--	27	33
CONSERVATION DEPT.	1	1	3	3	1	3	--	--	--	--	--	--	--	--	--	--	5	13
EXHIBITS	3	3	6	6	--	--	--	--	112	116	8	10	--	--	34	36	163	171
MUS. OF HIST. & TECH.:																		
OFFICE OF DIRECTOR	3	4	12	17	--	1	--	--	--	--	--	--	--	--	--	--	15	22
ARMED FORCES HISTORY	--	--	3	4	6	7	7	9	--	--	--	--	--	--	--	--	16	20
ARTS & MANUFACTURES	--	--	10	11	10	13	12	15	--	--	--	--	--	--	--	--	32	39
CIVIL HISTORY	--	--	11	14	18	24	20	22	--	--	--	--	--	--	--	--	49	60
SCIENCE & TECHNOLOGY	--	--	9	10	14	17	8	13	--	--	--	--	--	--	17	7	38	47
MUS. OF NATURAL HISTORY:																		
OFFICE OF DIRECTOR	3	3	5	7	--	--	--	--	--	--	--	--	--	--	--	--	8	10
SORTING CENTER	--	--	1	2	2	7	8	18	--	--	--	--	--	--	--	--	11	27
BOTANY	--	--	4	12	15	17	7	21	--	--	--	--	--	--	--	--	26	50
ECOLOGY	--	--	--	4	--	6	--	4	--	--	--	--	--	--	--	--	--	14
ENTOMOLOGY	--	--	5	7	9	9	5	14	--	--	--	--	--	--	--	--	19	30
MINERAL SCIENCES	--	--	3	4	4	6	4	10	--	--	--	--	--	--	--	--	11	20
PALEONTOLOGY	--	--	8	16	19	26	12	34	--	--	--	--	--	--	--	--	39	76
SOAR:																		
ANTHROPOLOGY	--	--	5	10	10	12	10	18	--	--	--	--	--	--	--	--	25	40
EUR. AMERICAN ETHNOL.	3	3	4	6	5	7	1	1	--	--	--	--	--	--	--	--	13	17
ZOOLOGY	--	--	11	26	29	37	26	62	--	1	1	1	--	--	--	--	67	127
ADMINISTRATIVE SERVICES:	(18)	(19)	(88)	(185)	(8)	(31)	--	--	--	--	--	--	--	--	(3)	(3)	(117)	(238)
EDITORIAL & PUBL.	1	1	13	25	--	--	--	--	--	--	--	--	--	--	--	--	14	26
FISCAL DIVISION	2	2	12	24	--	--	--	--	--	--	--	--	--	--	--	--	14	26
LIBRARY	1	1	22	46	7	20	--	--	--	--	--	--	--	--	2	2	32	69
MUSEUM SERVICE	2	2	9	30	--	8	--	--	--	--	--	--	--	1	1	12	41	
PERSONNEL DIVISION	8	8	4	9	1	3	--	--	--	--	--	--	--	--	--	--	13	21
PHOTOGRAPHIC SERVICES	1	1	17	20	--	--	--	--	--	--	--	--	--	--	--	--	18	30
SUPPLY DIVISION	3	3	11	22	--	--	--	--	--	--	--	--	--	--	--	--	14	25
GRAND TOTAL	63	77	265	501	225	332	120	296	113	127	254	294	261	275	253	310	1,582	2,212

*M...*

BUDGET CODES

F. Y. 1966

Salaries and Expenses 32-50-0100-0-1-704

Salaries and Expenses - Supp. 32-50-0100-1-1-704

Remodeling CSC Building 32-50-0128-0-1-704

Constr. & Improvements, NZP 32-50-0129-0-1-704

National Air and Space Museum 32-50-0130-0-1-704

Additions to the NHB 32-50-0127-0-1-704

Museum of History & Technology 32-50-0126-0-1-704

Advances and Reimbursements 32-50-3900-0-4-704

Canal Zone Trust 32-50-8190-0-7-704

*SI Trust Fund*

*32-50-8345-0-7-704*

225  
501  
285  
77  
63  
GRAND TOTAL

SMITHSONIAN INSTITUTION "SALARIES AND EXPENSES" FY 1965

Amount available for obligation ..... \$15,000,000  
Estimated supplemental appropriation ..... 490,000  
Obligated through September 30, 1965 ..... 4,355,490  
  
Number of employees on board as of 9-26-64 .... 1,351

*Unsettled debt as of Sept 30 - \$353,000*  
*Equipment for MHT, BMD, SAB - \$99*  
*Personnel - 120*  
*BMD-20; MHT 47; SAB 2; - 108*  
*MHT 12; Supp 8; NATMART 13*

SMITHSONIAN INSTITUTION  
SALARIES AND EXPENSES

APPROPRIATION HISTORY

Budget Year	Base Appropriation	Nonrecurring	Increases	Annual Appropriation	Supplemental Appropriation	Total Appropriation
1955	\$3,000,000	\$568,500	\$568,500	\$3,000,000	\$48,146	\$3,048,146
1956	3,048,146	603,646	1,555,500	4,000,000	166,000	4,166,000
1957	4,166,000	1,379,595	1,638,595	4,425,000	0	4,425,000
1958	4,425,000	827,400	2,402,400	6,000,000	102,319	6,102,319
1959	6,102,319	1,221,154	2,473,835	7,355,000	232,800	7,587,800
1960	7,587,800	811,381	941,581	7,718,000	0	7,718,000
1961	7,718,000	735,315	785,315	7,768,000	346,000	8,114,000
1962	8,114,000	241,000	1,252,000	9,125,000	0	9,125,000
1963	9,125,000	28,000	1,803,000	10,900,000	160,550	11,060,550
1964	11,060,550	220,550	2,284,000	13,124,000	67,000	13,191,000
1965	13,191,000	938,000	2,747,000	15,000,000	490,000 <sup>1/</sup>	15,490,000
1966	15,490,000	80,000	10,634,000	26,044,000	0	26,044,000

<sup>1/</sup> Proposed for separate transmittal



FISCAL YEAR 1956

1955 Total Appropriations .....		\$3,048,146
Nonrecurring:		
Rehabilitation of buildings .....	\$183,500	
Modernization of exhibits .....	355,000	
Museum storage equipment .....	12,000	
Travel in connection with renovation of exhibits .....	5,000	
1955 increases for classified raises .....	<u>48,146</u>	
	-603,646	
Base for 1956 .....		2,444,500
Increases for 1956:		
Rehabilitation of buildings .....	823,500	
Modernization of exhibits .....	411,500	
Museum storage equipment .....	135,000	
Expansion of Canal Zone Biological Area .....	23,050	
Buildings Management Department -- (guards) .....	82,700	
Fringe benefits - CPC to Wage Board .....	9,750	
Printing and binding .....	<u>70,000</u>	
	1,555,500	
1956 Appropriation .....		4,000,000
Supplemental (Wage increase) .....		<u>166,000</u>
Total Appropriations 1956 .....		<u><u>4,166,000</u></u>

FISCAL YEAR 1957

1956 Total Appropriations .....

\$4, 166, 000

Nonrecurring:

Rehabilitation of buildings .....  
 Modernization of exhibits .....  
 Museum storage equipment .....  
 Equipment and supplies - CZBA .....

\$823, 500  
 411, 500  
 135, 000  
9, 595

-1, 379, 595

Base for 1957 .....

2, 786, 405

Increases for 1957:

Rehabilitation of buildings .....  
 Modernization of exhibits .....  
 Museum storage .....  
 Museum of History and Technology Departments (staff and travel).  
 Exhibits (staff and related costs).....  
 Scientific programs .....  
 Astrophysical Observatory (staff and related costs)..  
 Canal Zone Biological Area (supplies and equipment) ..  
 Buildings Management Department  
 (Planning - Museum of History and Technology  
 Building and maintenance other buildings) .....  
 Supplemental for Wage employees .....

215, 335  
 753, 500  
 35, 000  
 55, 000  
 145, 000  
 241, 360  
 \$230, 470  
10, 890  
 168, 400  
25, 000

1, 638, 595

1957 Appropriation .....

4, 425, 000

FISCAL YEAR 1958

1957 Appropriation .....		\$4,425,000
Nonrecurring:		
Rehabilitation of buildings .....	\$191,400	
Modernization of exhibits .....	601,000	
Museum Storage and laboratory equipment .....	<u>35,000</u>	
		<u>-827,400</u>
Base for 1958 .....		3,597,600
Increases for 1958:		
Rehabilitation of buildings .....	482,000	
Modernization of exhibits .....	605,000	
Museum storage equipment .....	15,000	
Museum of History and Technology Departments (staff and re-		
lated costs) .....	106,255	
Exhibits (staff and related costs) .....	920,695	
Education Service (later changed to Museum Service) .....	60,425	
National Collection of Fine Arts--restoration of paintings .....	12,500	
Fringe Benefits - Retirement .....	189,600	
Pay above 52-week base .....	<u>10,925</u>	
		<u>2,402,400</u>
1958 Appropriation .....		6,000,000
Supplemental (classified raises) .....		<u>102,319</u>
Total Appropriations 1958 .....		<u><u>\$6,102,319</u></u>

FISCAL YEAR 1959

Total Appropriations 1958 .....		\$6, 102, 319
Nonrecurring:		
Rehabilitation of buildings .....	\$468, 835	
Modernization of exhibits .....	605, 000	
Rent to be paid by General Services Administration .....	45, 000	
1958 Supplemental for Classified raises .....	<u>102, 319</u>	
Base for 1959 .....		<u>-1, 221, 154</u>
Increases for 1959:		4, 881, 165
Rehabilitation of buildings .....	58, 000	
Modernization of exhibits .....	610, 500	
Museum of History and Technology Departments (staff and related costs) .....	75, 696	
Exhibits (staff and related costs) .....	1, 573, 900	
Buildings Management Department (maintenance and operation miscellaneous buildings) .....	143, 739	
Pay above 52-week base .....	<u>12, 000</u>	
1959 Appropriation .....		<u>2, 473, 835</u>
Supplementals (for classified and wage increases) .....		7, 355, 000
Total Appropriations 1959 .....		<u>232, 800</u>
		<u>\$7, 587, 800</u>



FISCAL YEAR 1960

Total Appropriations 1959 .....		\$7, 587, 800
Nonrecurring:		
Rehabilitation of buildings .....	\$58, 000	
Modernization of exhibits .....	610, 500	
Museum equipment .....	<u>142, 881</u>	
Base for 1960 .....		<u>-811, 381</u>
Increases for 1960:		6, 776, 419
Rehabilitation of buildings .....	\$58, 000	
Modernization of exhibits .....	455, 000	
Museum of History and Technology Departments (staff) .....	55, 215	
Exhibits (staff and travel) .....	210, 700	
Fringe Benefits - Retirement .....	14, 500	
Pay above 52-week base .....	18, 166	
Additional for 1959 classified pay increase .....	<u>130, 000</u>	
1960 Appropriation .....		<u>941, 581</u>
		\$7, 718, 000

FISCAL YEAR 1961

1960 Appropriation .....		\$7,718,000
Nonrecurring:		
Rehabilitation of buildings .....	\$58,000	
Modernization of exhibits .....	455,000	
Museum equipment .....	204,600	
Pay above 52-week base .....	<u>17,715</u>	
Base for 1961 .....		6,982,685
Increases for 1961:		
Rehabilitation of buildings .....	\$58,000	
Modernization of exhibits .....	455,000	
Museum of History and Technology Departments (staff and travel) .....	47,906	
Exhibits (staff and related costs) .....	138,000	
Buildings Management Department (laborers) .....	26,409	
Other General Services - Training Program .....	10,000	
Health benefits .....	<u>50,000</u>	
1961 Appropriation .....		7,768,000
Supplemental (classified and wage increases) .....		<u>346,000</u>
Total Appropriations 1961 .....		<u><u>\$8,114,000</u></u>

FISCAL YEAR 1962

Total Appropriations 1961 ..... \$8, 114, 000

Nonrecurring:

Rehabilitation of buildings .....	\$58, 000	
Museum equipment .....	146, 000	
Pay above 52-week base .....	19, 000	
1961 Supplemental - wage increases .....	<u>18, 000</u>	
		<u>-241, 000</u>

Base for 1962 ..... 7, 873, 000

Increases for 1962:

Rehabilitation of buildings .....	227, 000
Museum of History and Technology Departments (staff) .....	87, 000
Exhibits (staff) .....	60, 000
Scientific Programs .....	239, 000
Astrophysical Observatory (staff and related costs). .....	\$193, 000
Bureau of American Ethnology (staff and related costs) .....	12, 000
Museum of Natural History Departments .....	17, 000
Analytical laboratory .....	<u>17, 000</u>

Other General Services (staff and related costs)..... 76, 000

Buildings Management Department:

Museum of History and Technology (partial operation and maintenance) .....	307, 400
Additions to Natural History Building (laborers) .....	40, 000
Rental of space to store museum objects (Lamont Street) .....	40, 000
Within-grade promotions .....	70, 000
Personnel benefits and miscellaneous staff .....	<u>105, 600</u>

1962 Appropriation ..... \$9, 125, 000

FISCAL YEAR 1963

Total Appropriation 1962 .....		\$9, 125, 000
Nonrecurring:		
Rent paid by General Services Administration .....		<u>-28, 000</u>
Base for 1963 .....		9, 097, 000
Increases for 1963:		
Museum of History and Technology Departments		
(staff and related costs) .....		\$138, 000
Exhibits (staff) .....		44, 000
Scientific Programs .....		525, 000
Astrophysical Observatory (staff and related costs) ..	\$173, 000	
Canal Zone Biological Area (staff) .....	4, 000	
Museum of Natural History Departments (staff) .....	118, 000	
Callin paintings renovation .....	-20, 000	
Oceanography .....	<u>250, 000</u>	
National Art Galleries .....		92, 000
National Collection of Fine Arts		
(staff and related costs) .....	37, 000	
National Portrait Gallery (staff and related costs) ..	<u>55, 000</u>	
Buildings Management Department .....		516, 000
Partial operation, maintenance, and protection		
(principally Museum of History and Technology) ...	394, 000	
Partial operation, maintenance, and protection		
of Additions to the Natural History Building .....	<u>122, 000</u>	
National Armed Forces Museum Advisory Board .....		60, 000
Sewer conversion .....		70, 000
Health Unit .....		23, 000
Within-grade promotions .....		119, 000
Reclassification costs .....		171, 000
Travel (per diem increase) .....		6, 000
Wage board increases .....		86, 000
Additional rent adjustment .....		<u>-47, 000</u>
1963 Appropriation .....		<u>1, 803, 000</u>
Supplemental (classified increases) .....		10, 900, 000
Supplemental (classified increases) .....		<u>160, 550</u>
Total Appropriations 1963 .....		<u>\$11, 060, 550</u>



FISCAL YEAR 1964

Total Appropriations 1963 .....			\$11,060,550
Nonrecurring:			
Rent paid by General Services Administration .....		\$60,000	
1963 supplemental (classified increases) .....		<u>160,550</u>	<u>-220,550</u>
Base for 1964 .....			10,840,000
Increases for 1964:			
Museum of History and Technology (major portion equipment).....		546,000	
Museum of History and Technology exhibits (principally personal services) .....		96,000	
Scientific Programs .....		637,000	
Astrophysical Observatory (staff and related costs) ..	\$172,000		
Bureau of American Ethnology (staff and related costs).....		23,000	
Canal Zone Biological Area (staff and related costs)..		41,000	
International Exchange Service (principally personal services) .....		7,000	
Museum of Natural History (staff and related costs) ..	144,000		
Oceanography (staff and related costs).....	<u>250,000</u>		
National Air Museum (staff and related costs).....		<u>28,000</u>	
Other General Services and Management (staff and related costs) .....		186,000	
National Collection of Fine Arts (staff and related costs) .....		32,000	
Buildings Management Department .....		759,000	
Museum of History and Technology Building .....	475,000		
Additions to the Natural History Building.....	<u>284,000</u>		<u>2,284,000</u>
1964 Appropriation .....			13,124,000
Supplemental (Wage increase) .....			<u>67,000</u>
1964 Appropriation .....			<u>\$13,191,000</u>

FISCAL YEAR 1965

Total Appropriations ..... \$13, 191, 000

Nonrecurring:

One day's regular pay above 52-week base .....		\$25, 000	
Wage board salary increases .....		67, 000	
Transportation of things (Buildings Management Department) .....		10, 000	
Other Services .....		89, 000	
Design of models and exhibition cases .....	\$24, 000		
Rigging and moving heavy objects .....	<u>65, 000</u>		
Modernization of Exhibits .....		125, 000	
Equipment .....		622, 000	
Office furniture, interior benches, and furnishings .....	280, 000		
Equipment for operation and maintenance of the			
Museum of History and Technology and Museum Services	152, 000		
Equipment and furnishings for Library .....	15, 000		
Exhibit cases .....	<u>175, 000</u>		
			<u>- 938, 000</u>

Base for 1965 ..... 12, 253, 000

Increases for 1965:

Rehabilitation of buildings .....		80, 000	
Museum of History and Technology (staff) .....		15, 000	
Exhibits staff .....		20, 000	
National Art Galleries .....		70, 600	
National Collection of Fine Arts (staff and related costs) ..	37, 100		
National Portrait Gallery (staff and related costs) .....	<u>33, 500</u>		
Scientific Programs .....		447, 300	
Astrophysical Observatory (staff and related costs) .....	200, 900		
Canal Zone Biological Area (miscellaneous expense) .....	6, 000		
International Exchange Service (staff) .....	5, 000		
Museum of Natural History (staff and related costs) .....	81, 700		
Oceanography (staff and related costs) .....	<u>153, 700</u>		
Other General Services and Management (staff and related costs)		109, 600	
Buildings Management Department .....		1, 487, 500	
Museum of History and Technology Building .....	973, 000		
(including SI, A&I, and all others)			
Additions to the Natural History Building .....	214, 500		
Building Services for night opening .....	<u>300, 000</u>		

FISCAL YEAR 1965 - continued

Increases for 1965 (continued):

Step increases and other personnel costs .....			
Employees compensation fund payments .....		\$10,000	
Step increases .....		279,000	
Pay increases .....		228,000	
General Schedule employees, effective 1/5/64 .....	\$155,000		
Wage Board employees, effective 12/9/62 .....	<u>73,000</u>		
1965 Appropriation .....			<u>\$2,747,000</u>
Proposed supplementals (General Schedule and Wage Board) .....			15,000,000
1965 Appropriation (Adjusted) .....			<u>490,000</u>
			<u>\$15,490,000</u>

\$517,000



FISCAL YEAR 1966

Estimated 1965 Appropriation ..... \$15,490,000

Nonrecurring:

Rehabilitation of buildings ..... 80,000

Base for 1966 ..... 15,410,000

Increase for 1966:

Museum of History and Technology, curatorial and exhibits staff and expenses ..... 590,000  
 National Air Museum, restoration and preservation program ..... 604,000  
 National Armed Forces Museum Advisory Board, staff and site studies ..... 69,000  
 Freer Gallery of Art, staff ..... 15,000  
 National Collection of Fine Arts, curatorial staff and expenses ..... 324,000  
 National Collection of Fine Arts, Automobiles and packaged exhibits ..... 1,000,000  
 National Portrait Gallery, curatorial staff and expenses ..... 320,000  
 Smithsonian Astrophysical Observatory, scientific staff and design studies ..... 884,000  
 Radiation and Organisms, scientific staff and equipment ..... 132,000  
 Canal Zone Biological Area, scientific staff, equipment, and building ..... 111,000  
 Research programs of the Museum of Natural History, scientific staff and aids, studies of species information, and expenses ..... 1,182,000  
 National Oceanographic program, scientific staff, aids, and expenses ..... 862,000  
 Conservation Department, U. S. National Museum, staff and equipment ..... 133,000  
 Scientific research, principally in natural history, formerly financed by the National Science Foundation ..... 350,000  
 Cooperative Research, Training, and conferences ..... 560,000  
 International archeology program ..... 53,000  
 Smithsonian Bicentennial Observance ..... 115,000  
 Protection, operation, and maintenance of buildings, including new Museum of History and Technology and Additions to Natural History Museum ..... 741,000  
 Building services for night opening ..... 65,000  
 Rehabilitation and modernization programs, buildings and exhibits ..... 300,000  
 Administrative and supporting services ..... 1,573,000  
 Cost of pay increase (Wage Board and Salary Act of 1964) and other personnel compensation increases ..... 651,000

1966 Appropriation (Estimated) ..... \$26,044,000



SMITHSONIAN INSTITUTION

PROPOSED LEGISLATIVE PROGRAM FOR 1ST SESSION OF 89TH CONGRESS

PART I -- PRESIDENT'S PROGRAM PROPOSALS

None

PART II -- ALL OTHER PROPOSALS

1. Amendments to National Air Museum Act.

- a. To amend Public Law 722 of the Seventy-ninth Congress, and Public Law 85-935, relating to the National Air Museum of the Smithsonian Institution. Proposal would change the name of the "National Air Museum" to "National Air and Space Museum," would give this Smithsonian Institution bureau the same functions with regard to space objects as it presently has with regard to aviation objects, and would authorize the construction of a building for the National Air and Space Museum.
- b. Drafts of this legislation are available and will be furnished the Bureau of the Budget shortly.
- c. Proposal is identical in wording to S. 2602, 88th Congress, as passed by the Senate on July 23, 1964. On May 13, 1964, the Bureau of the Budget advised that there was no objection from the standpoint of the Administration's program to the Smithsonian presentation to the Congress of this proposal.
- d. The total estimated construction cost of the proposed National Air and Space Museum building which would result from enactment of this proposal is \$40,045,000. Estimated expenditures of the Smithsonian Institution for the next five fiscal years which would result from an appropriation of the amount of the estimated construction cost are as follows:

1966	\$11,000,000	1967	\$11,000,000
1968	15,000,000	1969	3,045,000
1970	-		

2. Amendment to Act Establishing the Canal Zone Biological Area

- a. To amend Act of July 2, 1940, to authorize such appropriations to the Smithsonian Institution as are necessary to administer its functions under said Act. Proposal would

amend enabling legislation for the Canal Zone Biological Area so as to delete the \$10,000 limitation on annual appropriations contained therein, and would insert in its place the authorization language generally used for the Smithsonian Institution's other activities.

- b. Drafts of proposal are available and will be furnished the Bureau of the Budget shortly.
- c. Proposal is identical in substance to S. 808, 88th Congress, which passed the Senate on July 23, 1964. On February 26, 1963, the Bureau of the Budget advised that there was no objection from the standpoint of the Administration's program to the Smithsonian presentation to the Congress of this proposal.
- d. The estimated appropriation needs of the Canal Zone Biological Area for the next five fiscal years are as follows:

1966	\$271,000	1967	\$225,000
1968	232,000	1969	275,000
1970	275,000		

3. Authority to Purchase Reprints and to Pay Page Charges.

- a. To permanently authorize the purchase of reprints from technical journals and the payment of page charges for the publication of research papers and reports in such journals.
- b. Drafts of this legislation are available and will be furnished the Bureau of the Budget shortly.
- c. Proposal is identical in wording to S. 2618 and H. R. 10177 of the 88th Congress. On March 25, 1964, the Bureau of the Budget advised that there was no objection from the standpoint of the Administration's program to the Smithsonian's presentation to the Congress of this proposal.
- d. Estimated increases in appropriation needs of the Smithsonian Institution which would result from the enactment of this legislation for the next five fiscal years are as follows:

1966	\$3,000	1967	\$3,000
1968	3,000	1969	3,000
1970	3,000		

4. National Zoological Park Police Salary Increases.

- a. Proposal seeks to grant salary increases to members of the National Zoological Park Police so as to equal salaries of

members of the United States Park Police having comparable duties, to place the National Zoological Park Police under the Policemen and Firemen's Retirement and Disability Act, and to exempt the National Zoological Park Police from the provisions of the Classification Act of 1949, as amended.

- b. Drafts of this legislation are available and will be furnished the Bureau of the Budget shortly.
- c.. Proposal incorporates the suggested amendments of the Board of Regents of the Smithsonian Institution to S. 1659 and H. R. 5790 of the 88th Congress. On September 10, 1964, the Bureau of the Budget advised the Smithsonian Institution that it should invite the National Park Service, the District of Columbia Government, and the Civil Service Commission to join in a thorough and objective examination of the measures specified in the proposal.
- d. Enactment of the proposed legislation would increase the appropriation needs of the National Zoological Park approximately \$42,000 per annum.

5. Statue of Spencer F. Baird

- a. To authorize the erection of a statue memorializing the second Secretary of the Smithsonian Institution, and organizer of the United States National Museum, Spencer F. Baird.
- b. Drafts of proposal will be furnished the Bureau of the Budget in November, 1964.
- c. No proposals of this nature have been introduced in recent Congresses.
- d. Enactment of this proposal would result in an appropriation request to the Congress of approximately \$75,000.

6. Smithson Bicentennial

- a. To memorialize the President to proclaim the occasion of the bicentennial of the birth of James Smithson, who in 1829 bequeathed his fortune to the United States of America to found an establishment by the name of the Smithsonian Institution, for the increase and diffusion of knowledge among men.
- b. Drafts of this legislation will be furnished the Bureau of the Budget in November, 1964.



- c. No proposals of this nature have been previously introduced.
- d. No requests for appropriations would result from enactment of this legislation.

7. Transfer of Von der Heydt Collection to Smithsonian Institution.

- a. To authorize the Attorney General to transfer to the Smithsonian Institution the title to all objects of the Von der Heydt art collection, title to which is vested in Alien Property Custodian.
- b. Drafts of this legislation will be furnished the Bureau of the Budget in November, 1964.
- c. Proposal is similar to a provision of Public Law 87-861 (76 Stat. 1140), transferring to Library of Congress title to prints of motion pictures vested in the Alien Property Custodian.
- d. Enactment of proposal would not result in an appropriation request for care of Smithsonian collections beyond current levels.

8. Oceanography Legislation.

- a. Proposal would restate and update the mission of the Smithsonian Institution in oceanographic research.
- b. Drafts of legislation will be furnished the Bureau of the Budget in November, 1964.
- c. Proposal is similar to S. 2653 of the 88th Congress, drafts of which have been submitted to the Bureau for advice on January 8, 1963.
- d. Additional appropriation needs of the Smithsonian Institution which would result from the enactment of this legislation are estimated at approximately \$400,000 per annum.

9. National Transportation Museum and Visitors Center.

- a. Proposal would authorize the Administrator of General Services to acquire Union Station for a National Transportation Museum, to be administered by the Smithsonian Institution, and for purposes of a National Visitor and Student Center.



- b. Drafts of proposal will be furnished to Bureau of the Budget prior to convention of 89th Congress.
- c. Proposal is similar to H. R. 8234, 88th Congress.
- d. Appropriation requirements of the Smithsonian Institution which would result from enactment of proposal are presently undetermined.

SMITHSONIAN INSTITUTION  
SALARIES AND EXPENSES  
OCEANOGRAPHY

Justification of Supplemental Request  
for \$1,000,000 additional appropriation for 1966

1965 Appropriation .....		\$795,000
1966 Request .....		1,689,000
1966 Revised Request .....		2,689,000

As its contribution to the national oceanographic-oceanologic program the Smithsonian Institution studies the kinds, distributions, and populations of organisms and sediments of the world ocean. These studies provide the basis for exploitation of resources, for understanding of biological fouling and acoustics by the Navy, for achieving an understanding of the waste disposal capability and the pharmaceutical productivity of marine organisms by the Department of Health, Education and Welfare, and for a basic understanding of the existence and survival of organisms in the world ocean.

The Institution, through its responsibility to insure that the national collections are studied, maintains close liaison and direct coordination with research of many university and other government agencies. It provides guidance and support to international programs such as the International Indian Ocean Expedition and the International Cooperative Investigations of the Tropical Atlantic, as well as to national programs such as the U. S. Antarctic Research Program and other expeditionary efforts. Its 39 scientists participate in every phase of planning and operating of biological and geological expeditions and report upon the results of their study of the collections of these expeditions. The Smithsonian Oceanographic Sorting Center processes specimens and sediments collected by and for oceanographic institutions, other government agencies, and the research staff of the U. S. National Museum.

The vigor of the Institution's program has been maintained and its capability multiplied through meager research funding periods by a less than desirable policy of supplementing Federal support through the use of grants and contract funds.

An appraisal of the capabilities of the Institution has resulted in endorsement of the strength and soundness of our plans for oceanologic expansion, through the mechanism of the Federal budget by the Interagency Committee on Oceanography and the Federal Council for Science and Technology. A special scientific committee, which was convened by the Office of Science and Technology, also has endorsed the request of the Institution for special budget consideration to permit at least a \$1 million increase in funding for oceanography beyond that proposed in the regular budget.

These additional funds would be used to provide for extensive charter of oceanographic vessels and of underseas vehicles, for rental and maintenance costs of seaside facilities to be used in oceanologic research, for greater involvement of university facilities and students in the Institution's oceanology program, for a small increase in scientific and technical personnel to assist with the management of this additional program, and for additional equipment and instrumentation support for the existing staff.

For many years the Institution has taken advantage of its ability to participate in oceanic expeditions in space furnished by the Bureau of Commercial Fisheries, the National Science Foundation, the Woods Hole Oceanographic Institution, the Coast Guard, the Coast and Geodetic Survey, the Naval Oceanographic Office and other ship operating agencies. Although the Institution plans to continue to take advantage of these 'ships-of-opportunity' the staff finds it desirable to take direct control of an oceanologic research vessel for longer periods of time in order to examine the biota and sediments of areas that are presently not being visited by ships of other agencies.

It has been suggested that surplus Navy facilities can be made available for such operations as we may be able to initiate immediately. Initial contact has been made with the Navy in this regard.

It has become obvious that underseas vehicles are most useful for research in biology and geology. The Institution hopes to add greatly to its ability to secure useful information from the sea through the charter and use of industrially produced underseas vehicles. The Institution has been able to beg space on one of the vehicles. Additional funds would make it possible for us to try several vehicles and to determine their effectiveness in our research.

Under its obligation to insure that the national collections are studied, the Institution plans to work with scientists and predoctorate students to utilize as fully as possible the available talent for the classification and study of marine organisms. Financial support of travel and advanced study may be given support by the Institution in cases where the research is clearly in the national interest.



Although able to carry out minimal operations with existing facilities and equipment, the Institution requires a substantial expenditure for modernizing its oceanographic equipment and instrumentation. Funds for this modernization are requested.

Working within existing budget restrictions our oceanologic program is designed to aid its personnel in maintaining outstanding performance in its field of competence. Within increased funding, a few additional persons would be employed to provide for more effective coordination of the Institution's service functions with the university and government agency users of marine scientific information. The proposed program, as increased, is within the reasonable capabilities of the Institution to provide a conservative but sound biological and geological research effort in the natural history area.

The Institution is continuing its liaison with outstanding members of the scientific community in order to insure that it remains responsive to the plans of the National Academy of Sciences Committee on Oceanography and other scientific oceanologic groups.



