

Accession No.: 87-31

PROCESSING RECORD
SCRIPPS INSTITUTION OF OCEANOGRAPHY ARCHIVES

Scripps Institution of Oceanography. Visibility Laboratory

SIO Visibility Laboratory Records, 1939-1986

Bulk Dates: 1952-1986

PHYSICAL DESCRIPTION: 44 record center cartons

DESCRIPTION: This accession includes reports of the Visibility Laboratory dated 1939-1966, General Correspondence of the Visibility Laboratory dated 1952-1969, records of Roswell W. Austin, Director of the Visibility Laboratory, dated 1956-1975, records of laboratory scientist, J.L. Harris dated 1954-1978, and records of laboratory scientist, John E. Tyler. The accession also includes the Visibility Laboratory master file of photographic negatives and prints, an index to which follows the folder list.

History: The Visibility Laboratory originated at the Massachusetts Institute of Technology in 1939. Its mission was to apply optics to problems of camouflage and misdirection with respect to an anticipated aerial bombardment of Boston, and its early work was supported by WPA funding. When the war began, NDRC funding was secured, and the work of the Laboratory centered on investigations of target location and the location of downed pilots. After the war, the laboratory received funds from ONR and the Air Force, and its investigations were increasingly focused on the Pacific. In 1952, the Visibility Laboratory became part of SIO, and the lab moved to Point Loma. Its research interests included radiative transfer, atmospheric optical turbulence, scattering and absorption phenomena and other physical aspects of the environment. The lab was also interested in biological phenomena in the sea as they stem from photosynthetic conversion of solar energy by plant life in the ocean. The Visibility Lab also conducted fundamental studies of non-visual sensors as replacements for the human eye in the detection of distant objects by means of visible light. The Lab also conducted a series of visibility experiments conducted by NASA Gemini Program astronauts. The Visibility Laboratory was officially closed on July 31, 1987.

**SIO Visibility Laboratory
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REPORT SERIES

- 1 The Pigment and Colors of Living Human Skin, Duntley and Edwards, 1939, [1960]
- The Optical Properties of Diffusing Materials, S.Q. Duntley, October 1941
- The Mathematics of Turbid Media, S.Q. Duntley, October 1942
- The Visibility of Submerged Objects, Chapter V-An Atmospheric Clarity Meter (Ozalid Master) [1952, 1960]
- The Visibility of Distant Objects, S.Q. Duntley, August 1947,[1965]
- Cutaneous Vascular Changes in Women in Reference to the Menstrual Cycle and Ovarietomy, Edwards and Duntley, March 1949
- Spectrophotometry of Living Human Skin in the Ultraviolet Range, Edwards, Finklestein, and Duntley, May 1951, [1955]
- Meteorological Range Meter MR-2 and Sky Brightness Meter, Specifications and Drawings of -- S.Q. Duntley, August [1952,1953]
- The Reduction of Contrast by Atmospheric Boil, Duntley, Culver, Culver and Preisendorfer, JOSA 42. 877A (1952)
- The Visibility of Submerged Objects, S.Q. Duntley, August 31, 1952
- The Visibility of Submerged Objects, S.Q. Duntley, [Correspondence, 1953-1964]
- Graphical-Numerical Calculation of the Primary Luminance Field about a submerged Point Source, R.W. Preisendorfer, (59-30) Nov. II, 1953
- "Visibility Unlimited," Newsweek, pp. 56-57, January 5, 1953
- The Limited Capabilities of Unaided Human Vision in Aerial Reconnaissance, S.Q. Duntley, Jan. 1953, [1954-1957]

BOX**FOLDER TITLE****REPORT SERIES (cont.)**

- 1 Characteristics of Tank-Mounted Searchlights for Detection of Ground Targets, Blackwell, Duntley, and Kincaid, March 1953, [1954]
- A Program of Military Visibility Research, S.Q. Duntley and H.R. Blackwell, April 1953, [1955]
- Probability Theory and Distribution Theory: Theory of Statistics, James Bates, June-July 1953
- Water Clarity Nomographs, SIO Ref. 53-46, Frances R. Culver, August 1953
- Notes on Dr. S.Q. Duntley's Lectures of Physiological Optics and Visibility Calculations, Dr. E.T. Klemmer, November-December 1954, [1956]
- A New Method for the Determination of the Volume\ Scattering Function in Environmental Optics, R.W. Preisendorfer, September 20, 1954
- Program of Research in the Visual Detectability of Distant Objects, Duntley and Ballard, September [1954-1957]
- High-Speed Wide-Range Fluorite Spectrograph, C.C. Silvernail, OSA Meeting, Pittsburgh, PA, October 1955
- A Program of Environmental Optics, S.S. Ballard, September 28, 1955
- A Three-Polarized Calibration Unit for Photometric Instruments, Howard, Hood, and Ballard, Sept. 1955
- Measurement of Light in the Sea, John E. Tyler, October 1955
- Hydrological Optics, S.Q. Duntley, Seminar SIO, May 17, 1955
- HOOK Report, SIO Ref. 55-9, February **I**, [1955-1963]
- Image Transmission by the Troposphere, S.Q. Duntley, 4th Congress ICO, April 2, 1956
[1956]
[1957-1959]

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- 1 Figures from Image Transmissions by the Troposphere I, Duntley, Boileau, and Preisendorfer, 1960
- Calculation of the Path Function: Theory and Numerical Example, R.W. Preisendorfer, March 1956, [1958]
- A New Method for the Determination of the Volume Scattering Function in Environmental Optics, R.W. Preisendorfer, (master copy) March 1956
- Contrast Reduction by Time-Varying Refraction, William M. Whitney, (master copy) March 1956
- B-29 Data-- Flights 74 and 76, Florida, Spring 1956-1957
- Selection Criteria for Optical Materials, S.S. Ballard, OSA Meeting, October 19, 1956
- Description of a New Wave-Slope Meter, W.H. Culver (master copy) March 1956
- Licigenin, Richardson's Data Files, 1955, (6 folders)
 [1954-1956]
- Inshore Survey Program [1954-1955]
 [1956-1957]
- [1958]
- [1959]
- Project HOOK, General Correspondence, 1952-1953
 1954
- January- April 1955
- May 1955-1956
- HOOK Planning FY 55-58 Correspondence [1955-1968], (2 folders)
- SAC Preliminary Studies of the Visibility of B-36 Aircraft During Twilight-- Blackwell, Taylor, University of Michigan, 1953, (2 folders)
- SAC Crossplots, etc. 1955

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1	Strategic Air Command Program 1951
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	Strategic Air Command, Correspondence [1958-1968]
	Bullpup, 1954-1955
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	Program of Projects NS 714-100 (except HOOK) FY 1955-
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	Contract NOB's- 72092, Monthly Reports, 1954-1955
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2	1961-1968
	SAC, VB-13, Search Calculations, Oct. 1958
	SAC, VB-15, Master Graphs, Oct. 1958
	SAC, VB-16, Data Sheets, Oct. 1958
	SAC, VB-17, Data Sheets, Oct. 1958
	SAC, VB-18, Two Presentations by J.I. Gordon, [1958]

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2

Radiative Transfer and Measure Theory, R.W. Preisendorfer, American Mathematical Society Meeting, Penn., Aug. 26-30, 1957

A Mathematical Foundation for Radiative Transfer Theory, Journal of Industrial and Applied Mathematics [1957]

A Mathematical Foundation for Radiative Transfer Theory I, R.W. Preisendorfer, JOSA [1957-1958]

A Mathematical Foundation for Radiative Transfer Theory II, R.W. Preisendorfer, JOSA [1957]

A Mathematical Foundation for Radiative Transfer Theory III, R.W. Preisendorfer, JOSA [1957]

A Mathematical Foundation for Radiative Transfer Theory- Correspondence, Preisendorfer, 1957-1958

Exact Reflectance Under a Cardioidal Luminance Distribution, R.W. Preisendorfer, May 1957

Experimental and Computed Path Radiance in the Submarine Light Field, John E. Tyler, July 30, 1957-[1959]

Monochromatic Measurement of the Volume Scattering of Natural Waters, John E. Tyler, Aug. 1957

Monochromatic Measurement of the Volume Scattering of Natural Waters or A Laboratory Method for Measuring Total Scattering Coefficient, OSA, March 7-9, 1957

Filtering for the Shimmer Meter and Shimmer Meter Calibration, J.L. Harris, February 1957

Measurement of the Optical Constants of Natural Waters, J.E. Tyler and W. Hadley Richardson, OSA Meeting, March 7-9, 1957

A Nephelometer for Underwater Measurements, J.E. Tyler, OSA Meeting, March 7-9, 1957

Armed Forces Special Weapons Project Meeting on Atmospheric Transmission of Thermal Radiation, Washington D.C., April 16 and 17, 1957

BOX**FOLDER TITLE****REPORT SERIES (cont.)**

- 2 A Variable Range Simulator, Chester J. Silvernail and S.Q. Duntley [Aug. 12, 1957]
- A Method for the Measurement of Atmospheric Boil, James L. Harris and S.Q. Duntley [1957]
- A Nephelometer for the Measurement of Volume Scattering Function, John E. Tyler and William H. Richardson, October [1957-1958]
- Radiative Transfer Axioms by Rudolph W. Preisendorfer, October 9, 1957-[1964] (57-44)
- Invariant Imbedding Relation for the Principles of Invariance by Rudolph W. Preisendorfer, October 16, 1957, (57-45)
- Functional Relations for the Rand T Operators on Plane-Parallel Media By Rudolph W. Preisendorfer, 57-47, November 13, 1957
- Time-Dependent Principles of Invariance, Rudolph W. Preisendorfer, 57-51, Nov. 25, [1957-58]
- On the Simulation of some Optical Properties of the Sea Surface by Arrays of Ergodic Cups, R.W. Preisendorfer, January 16, 1958
- On the Radiant Density Field Produced by Searchlights in Scattering Media I. Theoretical Analysis. R.W. Preisendorfer, March 13, 1958
- Atmospheric Limitations on Missile Photography, Reprint, Journal of the Society of Motion Picture and Television Engineers, S.Q. Duntley, April 1958
- Simulation of Reflectance Properties of the Sea Surface by Arrays of Ergodic Cups, R.W. Preisendorfer, June 20, 1958
- Radiance Distribution as a Function of Depth in the Submarine Environment, 58-25, J.E. Tyler April 1958, [1957-1959]
- The Reduction of Contrast by Atmospheric Boil, Duntley, Culver, Richey and Preisendorfer, 58-35, July 1, 1958-[1964]

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- 2 Determination of the Non-Zero Asymptote of an Exponential Decay Function, W.H. Richardson, 58-36, July 1, 1958
- A General Theory with Perturbed Light Fields, with Applications to Forward Scattering Effects in Beam Transmittance Measurements, R.W. Preisendorfer, 58-37, May 1, 1958-[1963]
- The Planetary Hydrosphere Problem. I. General Principles by R.W. Preisendorfer, July 1, 1957
- The Divergence of the Light Field in Optical Media, Dr. Rudolph W. Preisendorfer, 58-41 July 26, 1957-[1961]
- A Model for Radiance Distributions in Natural Hydrosols, R.W. Preisendorfer, 58-42, August 1, 1957
- The K-Method of Determining the Path Function. R.W. Preisendorfer, 58-39, 1958
- Unified Irradiance Equations by R.W. Preisendorfer, 58-43, August 22, 1957
- Directly Observable Quantities for Light Fields, R.W. Preisendorfer, 58-46, [1958]
- Canonical Forms of the Equation of Transfer, R.W. Preisendorfer, 58-47, July 1, 1958, [1959]
- A Proof of the Asymptotic Radiance Hypothesis, R.W. Preisendorfer, 58-57, August 1, 1958
- Some Mathematical Aspects of Geophysical Optics Concepts, R.W. Preisendorfer, 58-58, August 7, 1958
- On the Existence of Characteristics Diffused Light in Natural Waters, R.W. Preisendorfer, 58-59, August 8, 1958
- Some Practical Consequences of the Asymptotic Radiance Hypothesis, R.W. Preisendorfer, 58-60, September 1, 1958

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- 2 Photic Field Theory for Natural Hydrosols, R.W. Preisendorfer, 58-66, Sept. 10, 1958
- The Contrast Transmittance Distribution as a Possible Tool in Visibility Calculations, R.W.P. and J.L.H. 58-68, October 1, 1958
- The Measurement of Light in Natural Waters, Preisendorfer and Tyler, 58-69, Nov. 17, 1959
- Simple Formulas for the Volume Absorption Coefficient in Asymptotic Light Fields, R.W. Preisendorfer and J.E. Tyler, 58-79, November 21, 1958
- The Optical Properties of Lake Pend Oreille, Tyler, Richardson, Holmes, 58-80, December 31; 1958-[1963]
- Theory of Attenuation Measurements in Planetary Atmospheres, R.W. Preisendorfer, 58-81, [1958-1959]
- Operating Instructions and Calibration Data for Modified Spectra Spot Photometer, Serial no. 382* A.R. Boileau NS 714-100, NOb's-72092, May 29, 1958
- Underwater Search Procedure, J.E. Tyler. Bureau of Ships Journal, Submitted, Nov. 21, 1958
- Comparison of Light Distribution Above and Below Water, J.E. Tyler, [1958]
- Natural Water as a Monochromator, J.E. Tyler (Jr. Limnology and Oceanography) Vol. IV, No.1, January 1959, [1958]
- Temporal Metric Spaces in Radiative Transfer Theory, R.W. Preisendorfer, 59-2, Jan. 1, 1959
- Correlation Between Measured Path Function and Relative Humidity, Boileau, 59-5, February 1959, [1962]

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- 2 Temporal Metric Spaces in Radiative Transfer Theory II. Epoch Times and Characteristic Functions, Preisendorfer, 59-7, Feb. 1959
- Water Clarity Meter Operating and Maintenance Instructions, R.W. Austin, 59-9, 1959-1963
- Water Clarity Meter Operating and Maintenance Instructions, 59-9, Feb. 1959
- SIO 59-9, Masters of Figures, etc. [1959]
- Temporal Metric Spaces in Radiative Transfer Theory III. Characteristic Spheroids and Ellipsoids, Preisendorfer, 59-10, Feb. 1959
- Multiplier Phototube Secondary Emission Characteristics, R.L. Ensminger, 59-11, March 1959
- A Study of Light Storage Phenomena in Scattering Media, R.W. Preisendorfer, 59-12, March 1959
- Temporal Metric Spaces in Radiative Transfer Theory IV. Temporal Diameters, RWP, 59-17, March 1959
- Temporal Metric Spaces in Radiative Transfer Theory V. Temporal Diameters, RWP, 59-18, March 1959
- On Ground-Based Measurements of the Optical Properties of the Atmosphere Aloft, R.W. Preisendorfer, 59-19, March 1959
- Radiance Bounds, R.W. Preisendorfer, 59-20 March 1959
- The Universal Radiative Transport Equation, R.W. Preisendorfer, 59-21, March 1959
- Photometry During Manhigh III Balloon Flight, A.R. Boileau and S.Q. Duntley, 59-25, April 1959

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- 2 Theoretical Aspects of Underwater Photography I, R.W. Preisendorfer, 59-30, June 1959
- Atmospheric Optical Measurements During High Altitude Balloon Flight, Part I, A.R. Boileau, 59-32-(1), December 1959
- Field Test of a System for Predicting Visibility by Swimmers from Measurements of the Clarity of Natural Waters, Duntley, Tyler and Taylor, 59-39, 1959
- On the Direct Measurement of the Total Scattering Function, Preisendorfer, 59-41, July 1959
- The Covariation of the Diffuse Attenuation and Distribution Functions in Plane parallel Media, Preisendorfer, 59-52, Nov. 1959
- 3 Radiative Transfer on Discrete Spaces, R.W. Preisendorfer, 59-53, August 1959
- Principles of Invariance on Discrete Spaces, R.W. Preisendorfer, 59-55, August 1959-[1960]
- Optical Contrast Reduction Factors for Downward Looking Cases, A.R. Boileau, 59-57, Oct. 1959
- Pattern Target Analysis, Part 1- A Theory, Part 11- A Psychophysical Experiment, Ailene Morris, 59-62, November 1959-[1962]
- A Possible Criterion for Visual Recognition Thresholds, James L. Harris, 59-65, Nov. 1959
- Theory of Polarized Light Fields in Discrete Spaces, R.W. Preisendorfer, 59-66, Nov. 1959- [1960]
- Radiative Transfer on a Linear Lattice, R.W. Preisendorfer, 59-67, Nov. 1959-[1964]
- Radiative Transfer on a Cubic Lattice, R.W. Preisendorfer, 59-68, Dec. 1959-[1964]

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- 3 Predicting the Detection Range of a Target in a Moving Field of View: A Review of Relevant, A Morris, 59-69, Dec. 1959
- Plane-Source Generated Light Fields in Discrete Spaces, R.W. Preisendorfer, 59-70, Dec. 1959-[1964]
- Two Fundamental Methods of Solving Point Source Problems in Discrete-Space Radiative Transfer Theory, RWP, 59-71, Dec. 1959- [1964]
- Markov Chains and Radiative Transfer, R.W. Preisendorfer, 59-72, Dec. 1959-[1962]
- The Principles of Invariance for Directly Observable Irradiances in Plane-Parallel Media, RWP, 59-73, Dec. 1959
- The Axiomatic Basis of the Principles of Radiative Transfer Theory, R.W. Preisendorfer, 59-75, Dec. 1959
- Contrast Reduction Along Submerged Paths of Sight, J.E. Tyler, JOSA, [January 1959]
- Measurement of Light in the Sea, Tyler, Rennilson, Symposium, London, England, January 5-6, 1959,[1958]
- Radiance Distribution as a Function of Depth in the Submarine Environment, Part II, Overcast Lighting ... J.E. Tyler, 60-9, J.E. Tyler, Feb. 1960
- Map of Sky Luminance at Various Altitudes, Duntley, Boileau, Harris, Gordon,, 60-12, February 1960
- A Compressed Scale System of Portable Visibility Lights, Duntley, Rennilson, Austin and Taylor, 60-16, March 1960-[1964]
- On the Effect of Sun Altitude on the Horizontal Distribution of Natural Light Underwater, J.E. Tyler, 60-17, April 1960
- Atmospheric Optical Measurements in Western Florida, Flight 112, Part I, A.R. Boileau, 60-22, April 1960- [1964]

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- 3 Status of Research on Underwater Photography by Artificial Light, S.Q. Duntley, 60-23, April 1960-[1964]
- Instrumentation for the Measurement of the Underwater Light Field and the Determination of the Optical Properties of the Sea, J.E. Tyler, 60-24, June 1960
- Visual Contrast Thresholds for Large Targets, Part I, the Case of Low Adapting Luminances, J.H. Taylor, 60-25, June 1960
- Some Spectral Radiances of Sky with Different Relative Humidities, A.R. Boileau, 60-29, June 1960-[1963]
- Visual Contrast Thresholds for Large Targets Part II, The Case of High Adapting Luminances, J.H. Taylor, 60-31, June 1960
- Atmospheric Optical Measurements in Western Florida, Flight 112, Part II, A.R. Boileau, 60-32, June 1960
- Extraction and Extension of Matrices in Computer Calculations, W.H. Richardson, 60-43, June 1960
- Feasibility Study of a Photoelectric System for Detection of Downed Aviators, R.L. Ensminger, J.L. Harris, 60-45, June 1960
- A Computer Treatment of Radiative Transfer on a Cubic Lattice (Plane Sources), W.H. Richardson and R.W. Preisendorfer, 60-46, [1960-1963]
- An Adaptation of the Method of Probit Analysis to Psychophysical Threshold Data, W.H. Richardson, 60-47, June 1960
- A Feasibility Study of Photoelectric Anticollision Systems, James L. Harris, 60-49, June 1960-[1961]

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- 3 Atmospheric Optical Measurements in Western Florida. Flight 112. Part III. A.R. Boileau. 60-55. November 1960-[1964]
- Atmospheric Optical Measurements in Western Florida. Flight 112. Part IV. A.R. Boileau. 60-56. Nov. 1960-[1965]
- Measurements of the Transmission of Light from an Underwater Source Having Variable Beam-Spread. S.Q.D. 60-57, Nov. 1960-[1961]
- Atmospheric Optical Measurements During High Altitude Balloon Flights. Part II, Sky Luminances, Almerian R. Boileau. 61-1. [1961-1964]
- Atmospheric Optical Measurements During High Altitude Balloon Flight. Part III, Sky Radiances in the 400 to 500 Millimicron Region. A.R. Boileau. 61-2. 1961
- Atmospheric Optical Measurements During High Altitude Balloon Flight. Part IV. Sky Radiances in the 580-700 Millimicron Region, A.R. Boileau. 61-3. [1961-1963]
- On the Measurement of the Scattering Properties of Hydrosols. J.E. Tyler. 61-5. Jan. 1961
- The Scattering Properties of Distilled and Natural Waters. J.E. Tyler, 61-7. 1961
- Contrast Thresholds as a Function of Retinal Position and Target Size for the Light Adapted Eye. J.H. Talor. 61-10. [1961-1962]
- Concealment Design by Engineering Methods. J.I. Gordon. 61-16. June-Sept. 1961
- Seasonal Survey of Average Cloudiness Conditions Over the Atlantic and Pacific Oceans. Catherine R. Fean. 61-27. Oct. 1961-[1965]
- Design Theory for a Submersible Scattering Meter. J.E. Tyler. to be published in Applied Optics. 1962

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- 3 An Instrument for Measuring Forward Scattering Coefficient of Sea Water, J.E. Tyler, Published in Journal of Limnology and Oceanography, 1962
- Improved Image Orthicon Operation at High Light Levels, Harris, 62-4, March 1962-[1964]
- A Study of the Factors Affecting the Sighting of Surface Vessels from Aircraft, W.H. Richardson, 62-13, June 1962-[1965]
- Practice Effects in the Performance of a Simple Visual Discrimination Task by Initially Naive Observers, J.H. Taylor, 62-21, October 1962-[1965]
- Estimation of Percentage Polarization in Deep Ocean Water, J.E. Tyler, [1962-1963]
- Informational Engineering- J.L. Harris- Published in San Diego State College "Aztec Engineer," January 1963, [1962]
- Image Restoration, James L. Harris, Talk to be Presented at National Aerospace Electronics Conference, May 14, 1963, [1962-1964]
- The Reduction of Contrast by Atmospheric Boil, Duntley, Culver, Richey and Preisendorfer, March 1957, (3 folders)
- Light in the Sea, S.Q. Duntley, Distribution of Copies and Related Correspondence, [1962- 1967], (2 folders)
- Extra Copies of Figures, 63-2 [no date]
- 4 Earth-to-Space Contrast Transmittance Measurements from Ground Stations, Gordon, Harris, Duntley, 63-2, Jan. 1963-[1964]
- Contrast Thresholds as a Function of Retinal Position and Target Size for the Light Adapted Eye: II Data Supplement, J.H. Taylor, 63-3, February 1963

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- 4 Optical Phenomena in Planetary Meteorology, Orlo E. Myers, 63-4, August 1963
- Airborne Laser Systems (Confidential) Title Unclassified, James L. Harris, 63-5, February 1963-[1964]
- Restoration of At Atmospherically Distorted Images, Progress Report, James L. Harris, 63-10, March 1963-[1966]
- Report on the Development of a Colored Teletype Tape Discrimination System, Ensminger, 63-12, March 1963
- Ground-Based Measurements of Earth-to Space Beam Transmittance, Path Radiance, and Contrast Transmittance, 63-14, May 1963-[1965]
- Predictions of Sighting Range Based Upon Measurements of Target and Environmental Properties, Jacqueline I. Gordon, 63-23, September 1963-[1965]
- Visual Factors in Net Avoidance, John H. Taylor, Fishing News International, London [no date]
- Submarine Visibility and Related Ambient Light Studies, R.W. Austin and J.H. Taylor, 63-32, December 1963, [1964]
- Practice Effects in a Simple Visual Detection Task, John H. Taylor, Submitted for publication in SCIENCE, January 1963, [1962-1964]
- Comments on Cooper's Observations from Orbit Armed Forces- NRC Committee on Vision, J.H. Taylor, April 23, 1964
- Visual Tasks in Space, Human Factors Meeting, Washington D.C. J.H. Taylor, October 21, 1964

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- 4 Irradiance on a Flat Object Underwater, J.E. Tyler and Alma Shantes, APPLIED OPTICS, [1962]-1964
- In Situ Detection and Estimation of Chlorophyll and Other Pigments, Tyler, Proceedings of the National Academy of Sciences, [January]- April 1964
- The Color of the Ocean, John E. Tyler, Submitted to NATURE, March 1964
- Factors Influencing the Design of Instruments for Measuring Light and Detecting Chlorophyll in the Ocean, Conference on Estuaries, April 1964
- A Scattering Meter for Deep Water, John E. Tyler and Roswell W. Austin, "Applied Optics," 1964, [1963]
- Diffraction and Resolving Power, J.L. Harris, Submitted to JOSA, August 1963, [1964]
- Resolving Power and Decision Theory, J.L.Harris, JOSA, 1963-[1964]
- Visibility, 64-3, 1964 (3 folders)
- Applied Optics- Visibility Issue, May 1964, [July 1964- May 1965]
- Visibility- Duntley, Gordon, Taylor, Boileau, Austin and Harris, 64-3, April 1964, [February- November 1964]
- Directional Luminous Reflectances of Objects and Backgrounds for a Moderately High Sun, Jacqueline I. Gordon and Peggy V. Church, 64-5, April 1964
- Night Sea Search for Aviators Downed at Sea, Gordon, Church, Wasserboehr, Duntley, 64-7, June- September 1964

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- 4 A System for Measuring the Quadratic Content of Television Signals, Benjamin L. McGlamery, 64-8, September 1964
- Oceanography from Manned Satellites by Means of Visible Light, S.Q. Duntley, 65-10, August 1964-[1965]
- "How Tuna See a Net," Commercial Fisheries Review, J.H. Taylor and Frank Hester, March- [May] 1965
- Development of a Colored Teletype Tape Discrimination System (final report), Ensminger, 64-12, September 1964
- The Incandescent Lamp as a Control System Element, Appeared in REVIEW OF SCIENTIFIC INSTRUMENTS, Robert F. Howarth, May 1965, [November 1964-September 1965]
- Abstract, Mechanisms of Spatrial Summation, S.Q. Duntley, May 1965, Colloquium on Visual Performance at Low Brightness Levels, Holland, [1965] [1966-1967]
- Color of "Pure" Water, John E. Tyler, Submitted to NATURE, August 1965
- In Situ Spectroscopy in Ocean and Lake Waters, John E. Tyler, JOSA 55, 7 (July 1965) [Feb.August 1965]
- Directional Luminous Reflectances of Objects and Backgrounds Under Overcast Skies, J.I. Gordon and Peggy V. Church, 65-2, June 1965
- Atmospheric Properties and Reflectances of Objects and Backgrounds for a Low Sun, A.R. Boileau and J.I. Gordon, 65-10, June 1965
- Experimental Tests of the Effect of Backscatter Suppression on the Performance of a Theodolite Missile Azimuth Control, Vis Lab Staff (Harris), 65-15, [August 1965]

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- 4 Atmospheric Properties and Reflectances of Ocean Water and other Surfaces for a Low Sun, Boileau and Gordon, Submitted to APPLIED OPTICS, August 16, 1965, [1965-1966]
- Overcast Sky Luminances and Directional Luminous Reflectances of Objects and Backgrounds Under Overcast Skies [Nov-Dec. 1965]
- Image Evaluation and Restoration, JOSA, Subm. November 1965, James L. Harris, [July-November 1965]
- Apparatus for Measurement of an Effect of Atmospheric Boil (Shimmer Meter), Duntley, Harris, Austin, 66-6, [January 1965]
- Determination by Computer of the Radiance (Red Light) etc. J.I. Gordon, 66-9, April 1966
- An Image Restoration Experiment on Turbulence, Degraded Images, B.L. McGlamery, 66-10, May- [November] 1966
- Visual Search in Complex Fields (Progress Report) J.C. Bailey, 66-13, [June 1966]
- Visual Acuity and Astronaut Visibility, Duntley, Austin, Taylor, Harris, 66-17, July- [November] 1966
- Operation of Submarine Visibility Equipment, R.W. Austin, July 1966, Confidential, Title Unclassified, 66-21, [August- October 1966]
- The Society of Photo-Optical Instrumentation Engineers SPIE, "Seminar in Depth," Santa Barbara, October 1966, [July-December 1966]
- Optical Properties of Clear Natural Water, Raymond C. Smith and John E. Tyler, Dec. 1966

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- 4 A Submersible Spectroradiometer, J.E. Tyler and R.C. Smith, Submitted to JOSA, April 1966
- Spectroradiometric Characteristics of Natural Light Under Water, J.E. Tyler, R.C. Smith, January 1967
- Photocathode Protection Circuit, Richard L. Ensminger and Robert f. Howarth, 67-1, January 1967, [Nov. 1966- Jan. 1967]
- Changes in Spectral Sensitivity of Multiplier Phototubes Resulting from Changes in Temperature, A.R. Boileau and F.D. Miller, 67-2, January 1967
- Visual Performance on the Moon, John H. Taylor, 67-3, January 1967
- Computerized Visibility Calculations Maximum Sighting Range Program, Ivan Harry Barkdoll, 67-23, July 1967
- Journal of Applied Meteorology, (1961) John H. Taylor and J.J. Rennilson
- Atmospheric Optical Measurements etc. A.R. Boileau, 67-26, August 1967
- Experiments on Visual Acuity and the Visibility of Markings on the Ground in Long-Duration Earth-Orbital Space Flight, January 1968
- Oceanographic Illuminometer Systems for Light Penetration, Austin and Loudermilk, 68-11, July 1968
- An Example of an Early Technique for Visibility Calculations, Gordon and Church, 68-13, June 1968
- An Apparatus for the Measurement of an Effect of Atmospheric Boil (Shimmer Meter), 68-15, July 1968

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- 4 Atmospheric Optical Measurements in the Vicinity of Crater Lake, Oregon, Part I, 68-18, July 1968
- Atmospheric Optical Measurements in the Vicinity of Crater Lake, Oregon, Part II, 68-19, July 1968
- Determination of Path Radiance for Downward Path of Sight from Ground-Based or Low Altitude. Measurement, April 1968
- Spectral Irradiance Data, August 1968
- Empirical Sweep Width Analysis (Air to Surface) W.H. Richardson, 68-30, Oct. 1968
- Measurement of the Absorption Coefficient of Hydrosols, John e. Tyler and Wayne Wilson, 68-32, November 1968
- Natural Illumination Charts (Revised August 1955) BuShips Reports No. 374-1
- SIO Publication Policies [1962-1967]
- Declassification-- NDRC Reports [1968- 1969]
- Reports Distribution List [June 1964- March 1965]
- Bibliography of Shimmer File (Located in Bldg. 347, First Floor) [1963]
- List of Contract Reports NObs- 72039, (NS 714-100); NObs-86012
- List of Visibility Laboratory Reports by SIO reference Numbers, [Jan. 1969]
- Visibility Laboratory; Reports, General Correspondence, 1953, 1959
1957-1958
- [January- July 1960]
- [August- December 1960]

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4	Visibility Laboratory; Reports, General Correspondence, 1953, 1959 (cont.)
	1961
	1962
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5	General Correspondence, August- Dec. 1952
	January- May 1953
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5 Correspondence, August- Dec. 1952 (cont.)
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5	Correspondence, August- Dec. 1952 (cont.) Sept. - Oct. 1964 Nov.- Dec. 1964 Tyler, Jan.- April 1964 Tyler, May- July 1964 Tyler, August- Dec. 1964 Boileau, January- July 1964 Boileau, Aug.- Dec. 1964 January- March 1965 April- June 1965 July- September 1965 October- December 1965
6	Tyler, Jan.- Feb. 1965 Tyler, March- Oct. 1965 Boileau, 1965, 1966 Jan.- Feb. 1966 March 1966 April- June 1966 July- December 1966 Jan.- March 1967 April- June 1967 July- October 1967 Jan. 1968- May 1969 Institute for Defense Analysis, General Correspondence, Miscellaneous, [1964- 1966] JOSA and Applied Optics re Manuscripts Reviewed by S.Q. Duntley, General Correspondence, Miscellaneous, [1961-1964] Photometry and Radiometry, Terminology, R. Clark Jones' Suggestions, [1963- 1964]

BOX**FOLDER TITLE****REPORT SERIES (cont.)**

6	Notarial Records, Aug. 1941-Dec. 1942 Jan. 1943- July 1945 July 1954- June 1961
7	Reports 002-091 093-210
8	211-343
9	344-452
10	453-517
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27

Illustrations SIO Ref. 60-33

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[Notes, Charts, 1960]

16. Sheadlight (project file), 1966-67

Spire Correspondence, Through.1961; Attenuation Meter

Project File 2, 503 Rooftop (773) , [1960-1964]

Project File 3, 503 General (773) , [1960-1965]

Project File 5, VTC (773) , [1959-1961]

Project File Y, W-PAT (775)- AF33 (657)- 7729, [1963]

R.W. Austin- Chronological File, [1961-1963]

1964

1965

[Jan.- July 1966]

[Aug.- Dec. 1966]

[Jan.- April 1967]

[May- Sept. 1967]

[Oct.- Dec. 1967]

[Jan.- July 1968]

[Aug.- Dec. 1968]

Perkin-Elmer Consultation [1964]

Miscellaneous VisLab Correspondence 1969, (other Departments)

General Correspondence Typed for Persons in Buildings other than 348, 1968

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7. Project Expenditure Summary (admin. file) [1966-1969]

SIO Annual Reports, 1968
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1974

Journal of Optical Society of America, Papers to be Reviewed for Publication, [1967-1971]

Correspondence, R.W Austin, Chrono. 1956-68
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1970 [Jan.-June]

1970 [July-Dec.]

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1974 [Jan.-June]

1974 [July-Dec.]

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1975 [July-Dec.]

R.W. Austin Correspondence, Personnel Memos, etc. SIO Vis Lab, 1961-1965
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- 28L Environmental Protection Agency Symposium, Seattle, Washington, October 16-18, 1973
- Personnel, Applicants and Others, [1964- 1968]
[1969-1971]
[1972-1973]
- Master Copy, Vis Lab Personnel List, Also: List, All-Hands Mtg. August 1975
- Personnel (Resumes) 1974-1975
- Instruction Manuals for Null Balance Transmis-O-Meter System, Extender Cards for Counter or D/A Converter, [1963-1966]
[1963-1966]
[1962-1963], (3 folders)
- Optics: Photometers, [1964-1965]
[March-June 1965]
- 29 [1965]
- Notes, Vis Lab, [1963]
[1964]
[1965]
- GT-7 Laredo Site Photos, [1956, 1965-66]
- Voice Tapes S8/D13, Copy 2 of 3, R.W. Austin, [August 1965], (3 folders)
- Gemini: Illustrations [no date]
- Marking Materials Background, Gonio, Data,
[1965], (4 folders)
- GT-7 Mission Operations, [1965-1967], (2 folders)
- Laredo Field Work, Orbits, Sky Pictures, [1965], (3 folders)
- Gemini Final Report, [1968]

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- 29 Project File - Gemini: 9.1.1 Administration, General, [1964-1968]
9.1.2 Administration, cont. Proposals. Fiscal, [1963-1967], (3 folders)
9.1.2.1 Administration Contract NAS-9- 5095, [1965-1967]
9.2.1 Experiment, General, [1964]
9.2.2 Experiment, Milestone Schedules, [1964]
9.2.3 Experiment, Publicity, [1964-1966], (2 folders)
9.2.4 Experiment, In-Flight Experimenters Info. [1965]
9.3.1 Experimental Documentation, General, [1964-1966]
9.3.2 Definitive Exp. Plan, [1964-1965]
9.3.3 Quality Assurance Prog. [1964-1965]
9.3.4 Failure Analysis and Flight Safety Report and Qualification Test Program, [1964-1965]
9.3.5 Documentation, Shipping, [1964-1965]
9.4.1 Ground Observation Sites, General, [1964]
9.4.2.2 Ground Observation Sites, Laredo Orbits, [1964], (2 folders)
Laredo Observation Site Memo, Master, March 24, 1965
Project File - Gemini: 9.4.5 Ground Observation Sites, Orbit Info. Misc. [1964]
Woodleigh Orbits, [1965-1966], (2 folders)
Project File - Gemini: 9.4.6 Ground Observation Sites, Suggested Allied Experiments, [1964-1965]

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- 29 Project File - Gemini: 9.4.7 Ground Observation Sites, Yuma, [1964-1965], (3 folders)
- 9.4.2 Ground Observation Sites, Laredo, [1964-1965], (2 folders)
 - 9.5.1 In-Flight Photometer (inc. bat. pack.), general, [1964-1965]
- Photometer Filter, [1964]
- Project File - Gemini: 9.5.2 In-Flight Photometer, Description and Design Specification, [1964]
- 9.5.3 In-Flight Photometer Qualification Test, [1964]
 - 9.5.5 In-Flight Photometer, Proposed Pre Installation Acceptance Test Procedure, [1965]
 - 9.5.6 In-Flight Photometer SST, [1965]
 - 9.5.7 In-Flight Photometer, Drawings, [1965]
 - 9.5.8 In-Flight Photometer, S/C Window and Light Trap, [1965], (2 folders)
- 9.6.1 In-Flight Vision Tester, general, [1964-1965]
 - 9.6.2 In-Flight Vision Tester, Description and Design Specification, [1964]
 - 9.6.3 In-Flight Vision Tester Qualification Test, [1964-1965]
 - 9.6.4 In-Flight Vision Tester, Pre-Delivery Acceptance Test Procedure, [1965]
 - 9.6.6 In-Flight Vision Tester SST, [1965]
 - 9.6.7 In-Flight Vision Tester Drawings, [1964-1965]
 - 9.6.8 In-Flight Vision Tester 1-1-9, [1965, 1968]

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Project File - Gemini, Plans, [1964-65]

General Electrical Design Requirements for Electrical Equipment, [1962]

Solar Position information, [1965]

Lunar Probes, [1960-1961]

Weather Charts, [no date]

Mission Planning, [1965]

Rocket, Missiles and Space Vehicles, [newspaper clipping, April 1965]

Definitive Experiment Plan for Gemini In-Flight Visual Acuity Experiment, [1965]

GT-5 Flight Plan, [1965], (2 folders)

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31	Correspondence, J.L. Harris, Sr. Chrono. [Jan.-Feb.] 1970-1 [March-April] 1970-1 [May-June] 1970-1 [July-Sept.] 1970-2 [Oct.-Dec.] 1970-2 [January] 1971-1 [Feb.-April] 1971-1 [May-June] 1971-1 [July-Sept.] 1971-2 [Oct.-Dec.] 1971-2 [January] 1972-1 [February] 1972-1 [March-April] 1972-1 [April-June] 1972-1 [July] 1972-2 [Aug.-Sept.] 1972-2 [October] 1972-2 [Nov.-Dec.] 1972-2 [Jan.-Feb.] 1973-1 [March-April] 1973-1 [May-June] 1973-1 [July-Dec.] 1973-2 [Jan.-March] 1974-1 [April-June] 1974-1 [July-Dec.] 1974-2 1975-1 1975-2
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31 Correspondence, J.L. Harris, Sr. Chrono. (cont.)
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J.L. Harris, Memos, Etc. (personnel), SIO 1976-1971
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J.L. Harris Transportation Safety Board, [1970-1973]

National Science Foundation, [1971-1978]

Optical Society of America, [1974-1975]

San Diego Optical Society, [1975-1976]

Witzn, [Paul A.]-J.P. Course Notes, [1976]

Apis 205, Lectures, [1974]

28 Apis 234A, [1978]

Apis 101, [1974]

SIO Course, "Optical Applications to Oceanography", [1977]

SIO 217, [1975]

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- 31 Astronaut Visit, October 7, 1977
- Talks, Psychology Dept. March 1976
- Motorola/Barkdoll Visit, Oct. 19, 1976
- Office of Naval Research/Optics Workshop, August 9 and 10; ·1977
- Dr. Chomat Visit, July 18 and 19, 1977
- J.L. Harris, Seasat Meetings, July 27-29, 1977, (3 folders)
- ONR Meeting, February 16, 1977
- Chinese Visitors, May 19, 1978
- Management Conference, La Costa, May 1978
- Seminar and Meetings (misc.), [1976-1977]
- Image Processing Meeting, Nov. 17, 1978
- 32 International Harvester Co. Solar Consultations, 1969-1970
- Optical Aspects of Oceanography Symposium, June 1972
- J.L. Harris, Expedition Tasaday, R/V Thomas Washington, June 4, 1973- March 3, 1974
- Program for Advanced Study, Air Force Cambridge Research Laboratories, Bedford Massachusetts, February 9, 1973, (2 folders)
- J.L. Harris, CATO Expedition, R/V Melville, April 1972
- J.L. Harris, Second Annual SASI Seminar, October 26-28, 1971 L.A., CA
- J.L. Harris, Optical Signal Processing Program for Advanced Study, Washington, D.C. March 24, 1972

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- 32 J.L. Harris, Pattern Recognition Workshop IEEE/ORSA, October 25-29, 1971
- J.L. Harris, Applied Ocean Sciences Seminar SID, March 8, 1971
- J.L. Harris, Image Processing Course, Nov. 2-6, 1970, San Diego
July 8-12, 1968, San Diego
Nov. 6-10, 1967, Los Angeles
- J.L. Harris, SPIE Seminar, June 26-27, 1967, Washington, D.C.
- J.L. Harris, SPIE, 14th Annual Symposium, Aug. 11-14, 1969, San Francisco
- J.L. Harris, SPIE, 15th Annual Symposium, Sept. 14-17, 1970, Anaheim, CA
- J.L. Harris, Examination Committees, UCSD, Correspondence, [1973-1978]
- APIS Lectures, Photoelectric Devices, [no date]
- Space Lab Mission, [1976], (2 folders)
- Bartholomew, Bruce, [August 1976]
- Brewer, Glen M. [1974]
- Cultrona, L.J. Correspondence, [1974-76]
- Moran, Steve, [1975-1976]
- Petzold, T.J. Copies of Memoranda from Central File, [1974-1975]
- Ross Stone, Ph.D. Material, [1978], (3 folders)
- Adolf Lohman's Course Notes, [no date]
- John Tyler, Correspondence, 1972-1973
1973
1974-1975

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John Tyler, Work to be Done, [1973]

Dr. Duntley, Letters (CCS), 1972-1973

Ray Smith, Correspondence, 1972-1973
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Ray Smith, Work to be Done, [1973]

VisLab, Tyler, John, SCOR Final Report, [1973-1979]

VisLab, (internal), Correspondence, 1974, (miscellaneous)

General Proposals, [1962]
[1963]

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[1966]

[1967], (2 folders)

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Administrative Files, 1961-1964
[1965-1970]Internal Correspondence, [Jan.-May, 1967]
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32 Internal Correspondence, [Jan.-May, 1967] (cont.)
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33 Internal Correspondence, (general file), [1962-1965]
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Internal Technical Memos, [1957-1966]
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Lab Personnel, Chrono. 1970

Personnel Folder, [1954-1963]
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Contract NObs-84075, Assignment 3, 503 Contract, [1965-1966]

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- 33 Contract NObs-95251, Task 1, 503, Night Vision, Subvis Proposal, Reports, [1960-1966]
- Contract NObs-95251, Task 1, 503, Night Vision, Subvis Correspondence, Technical Information, [1960-1967]
- Interim Development Reports, [1967-1968]
[1969], (2 folders)
- [1970]
- 503 Program Memo, Resnik, Dec. 14, 1964
- 503 Write Up, [no date], (2 folders)
- 503 Charts and Photos, [no date]
- 503 Outline and S/N, [no date]
- Project 503, [1960-1962], (2 folders)
- Project 503, Systems Analysis, [1962]
- Project 503, Prints from T-1, [1965]
- Contract NObs-84075, Assignment 3, Modification 25, Gemini Visibility Laboratory Activities Progress Reports, Masters, [1960-1965]
- Contract NObs-84075, Assignment 4, IMP, [1960-1965]
- Contract NObs-84075, Assignment 7, C-130/ Contract NObs-95251, Task II, C-130/ Contract NObs-92058, Task 2, C-130, [1960-1965]
- NASA, Contract NAS 9-5095, Gemini, Correspondence, [1964-1967]
- 8.1 Gemini In-Flight Vision Tester Analysis, (project file), [1964- 1969]
[1966]

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- 33 8.1 Gemini In-Flight Vision Tester Analysis, (project file), [1964- 1969] (cont.)
[1966-1967]

[1967]

Gemini Sum Fun Calcs. [no date]

AIR FORCE (AF), Contract C-0181, SHEDLIGHT, Project Reports, Masters,
[1967- 1970]

Project Quarter Summary, [1967-1968]

Correspondence, [1962~1965]
[1966-1967]

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- 34 [January-April, 1969]

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SHEDLIGHT Calculations, [no date]

Contract NObs-95251, Task III, Famos, [1960-1967]

Contract NObs-95251, Lolev, [1967-69] [1969-1971]

Contract NObs-72092, II. Visual Range Information, VI. Visual Target Classifier,
[1961-1962]
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Contract NObs-72092, Amendment 38, Behavior of Light in an Environment Fog,
Theodolite Missile Azimuth Control, [1961-1963]

Visual Target Classifier, [1958-1962], (2 folders)

Contract NObs-84075, Assignment II, Modification 20, Coast Guard, [1962-
1968]

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University of Texas, [1974-1975]

Visual Identification Problem, U.S. Army, [1974]

Educational Refresh Display Console, [1969-1976]
[1970]

Sandia, [1969-1971]

EYE, Wright-Patterson Air Force Base: Reports, [1977]
Reports, [1978-1979]

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[1977-1979]Visual Observations Study: Contract Activities, [1978-1979]
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Proposal, [1978]

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SPOC: Budget no. 2692, Contract no. N62306-69-A-0072.0003; Contract and
Amendments, Proposals, Monthly Reports, [1968-1969]
[1970]

[1970-1971]

NASA Form 1122, Proposal and Contract Correspondence, General
Correspondence, [1968-1969]
[1969-1970]

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Budget 2784, Contract N62306-69-A-0072.0006, Contract, Proposals, Monthly
Reports, General Correspondence, [1971]

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34 Budget 2784, Contract N62306-69-A-0072.0006, Contract, Proposals, Monthly Reports, General Correspondence, [1971] (cont.)
[1971-1972]

NAVOCEANO Contract no. 69-C-0135, Contract, Proposal, Status Reports. Correspondence, [1968-1971]
[1969-1971]

NASA-ERC Budget no. 2681, Contract no. NASA-NAS-12-2126, Contract, Proposals, Status Reports, Correspondence, Technical Information, [1968-1969]
[1969-1971]

SIMS Contract no. N66857-73-C-0120. Contract. Proposal, Contract Correspondence, Reports, [1972-1974]

AVIS: Contract Activities, [1969-70]
[January-June, 1971]

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L [1973]

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Correspondence, [January-June, 1970]
[July-December. 1970]

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Budget Reports, Monthly, July 1, 1973 thru June 30, 1974
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- 34 Monthly Memos, J.L. Gordon, [1967- 1968]
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- 35L Tech. Note Progress Control Charts, [1974]
[1975-1977]
- NAVSHIPS N00024-68-C-1100, Correspondence File, [1969-1970]
[1971]
- [1972-1973]
- B.L. McGlamery Memo, "Effects of Noise in the Restoration of Turbulence Degraded Images," [1968]
- History of Restoration of Atmospherically Degraded Images (RADI), B.L. McGlamery, [1960-1968]
- Paper, J.L. Harris, Processing Imagery, [no date]
- Paper, Donald Silva, Degraded Images. [no date]
- Defocused Optical System, Per A. Stokseth, [no date]
- Image Restoration, W.H. Richardson. [1969]
- Psychopictorics, University of Maryland. [1969]
- IMP, J. L. Harris. Notes. 1968
- Computer Work, [1969]
- Preliminary Adjacency Studies, [June 2. 1969]
- Drafts for Presentation, Harris, [1969]
- Draft, Harris, Report on Research, [1969]

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35

Notes, [no date]

James L. Harris, notes on Image Orthicon Modification, 1960

Image Orthicon, Patent, [1956-1961]
[1962-1965]Image Orthicon, Conversion, [1958-59]
[1960]

Silvernail's Long-Range Photographs, March-June, 1956

Patent Disclosure, [1957-1959]

CDC Analysis, [1959], (2 folders)

Contrast Reduction Calculations, [no date]

36

Mine Splash Detector Schematics, [1958], (2 folders)

Notes/Reports, P.O.633590-SD, 1961

Optical Recognition Study, J.L. Harris Consultant, [1959]

Comparison of 10 and Multiplier Phototube Systems, J.L. Harris, [1959]

The Effect of Optical Aberration Upon the Angular Location of a Port Source,
J.L. Harris, [1959]

Fourier Analysis, [no date]

A Cursory Look at the Image, [no date]
[1964-1969]

Image Processing Course Scheduling, [1967- 1970]

Basic Equipment Requirements, [1967-1968]

Imaging Equation Detection Theory, Helstrom, [no date]

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- 36 Computer Studies of Processing Techniques, [1968]
- An Electromagnetic View of the Image, [no date]
- Lecture on Fourier Analysis and Image Propagation, Preisendorfer, [July, 1968]
- Restoration of Turbulence Degraded Images, McGlamery, [July, 1968]
- Restoration of Atmospherically Degraded Images, [no date]
- Introduction to Optical Systems, [no date]
- Visual Ocean Surveillance, Technical Information, [1960]
- Visual Observations, Technical Information, [no date]
- Shimmer Abstracts, J.L. Harris, [1960-63]
- Contract NObs-84075, Assignment 1, Visual Search, [1960-1963]
- Contract NObs-84075, Assignment 5, Underwater Optical Problems, [1960-61]
- Contract NObs-84075, Assignment 6, Light Transmission Meter NBT/NOTS, [1960-1964]
- Contract NObs-84075, Assignment 8, VTC Visual Target Classifier, [1961-1964]
- Contract NObs-84075, Assignment 9, Project X, Reports on Atmospheric Optics, [1960-1965]
- Contract NObs-84075, Assignment 10, Tape Discriminator (colored), [1960-1964]

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36 Measurement of Absorption, J.L. Harris, [1958]

Proposals, 1969
 [February-August, 1970]
 [October-December, 1970]
 [January, 1971]
 [January-April, 1971]
 [June-August, 1971]

VisLab Information, Agenda, Notes, [1961]

American Optical Corporation, 1967
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 [1973]

Federal Aviation Administration (FAA) Contract No. DOT-FA72WA: [1973-1974]
 Contract Information, [1971-1972]
 Contract Correspondence, [1972-1973]
 Proposal, [1971]
 Reports, [1972-1974]
 Final Report, [1973]

FAA- Proposal, [1973-1974]
 [1974-1975]
 Drawings, [no date]
 Purchase Order, [1960]
 [1969-1974]
 Final Report, June 25, 1973

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- 36 Computerized Visibility Calculations, NRG 05-009-192, Supple no. 1, contract
Information, [1973-1976]
 Contract Correspondence, [1972-1974]
- NASA-CVC Contract no. 05-009-192, Supple no. 1, [1973-1974]
- CVC, Proposal, Supple no. NGR 05-009- 192, [1972-1975]
- CVC: Proposal, [1966-1972]
 Contract, [1971]
- Contract Correspondence, [1966-1973]
- General Correspondence, [1963-1967]
 [1968-1972]
- Reports, Visibility Laboratory Activities, [1965-1972]
- Research Plan, [1973-1974]
- NASA/AMES Grant NGR 05-009-059, CVC, [1963-1972]
 [1968]

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- 37 Underwater: Photometer, Graphs and Data December, 1951
Photometer, R [n.d.]
- Photometer Scales and Some Instructions, [n.d.]
- Photometer: Final Plot of Polar Curves, J. Goedan's Notes, [1953]
- Photometer Data, Aug. 1952-July, 1953
- Calibration Data, h1 - h2 - H3 - H4 (Lake Winnepesaukee, N.H.), Oct. 1955
- Underwater Barge: Photographs, (1953)
- Photometer Laboratory Book # 11, [June-July, 1953]
- Photometer Laboratory Book # 12, [July, 1953]
- Photometer: General Notes, March 1-18, 1955
- San Diego Area: Data Sheets and Curves- y Meter Preliminary Tests, Fall, 1953
- Donald Reed, Data Book, [Jan.-Sept. 1955]
March-July, 1955
- REED Data, March 30-31, 1955
- Report on Operations with Underwater Photometer, March, 1955
- Radiance Distribution Sea Trip, J.E. Tyler, [Jan.-Feb. 1955]
- Coronado Islands [Data Files]: Partial Radiance Distribution, Colors 2 & 6,
Photopic & 629.8, 1300, March 1, 1955
Calibration, March 1, 1955
- Preliminary Test Run, F. Howard, March 1, 1955

BOX**FOLDER TITLE****TYLER SERIES (cont.)**

37 Radiance Distribution, 1029, Color 4, 531.9, March 1, 1955

N Distribution, 1106, Color 3, 417.9, March 1, 1955

N Distribution, 1402, Color 2, Photopic, March 1, 1955

Radiance Distribution, 1600, Color 5, 595.9, March 2, 1955

Radiance Distribution, 1000, Color 4- tilt head off, 531.9, March 2, 1955

Partial Radiance Distribution, 1400, Colors 6 & 8, 629.8 & 690.1, March 2, 1955

Radiance Distribution, 1000, Color 2, Photopic, March 7, 1955

Radiance Distribution, 1130, Color 4, 531.9, March 7, 1955

Miscellaneous Unreduced Data, March 7, 1955

Radiance Distribution, 1330, Color 5, 595.9, March 7, 1955

Radiance Distribution, 1106, Color 3, 417.9, March 7, 1955

Partial Radiance Distribution, 1400, Color 2, Photopic, March 2, 1955

1 B & K Data, March 11, 1955

Y Meter Data, March 1, 1955

Y Meter Data, March 2, 1955

Little y Meter Data, March 3, 1955

Y Meter Data, March 5, 1955

Y Meter, March 6, 1955

Y Meter Data, March 7, 1955

Little y Meter Data, March 9, 1955

BOX**FOLDER TITLE****TYLER SERIES (cont.)**

37

Log of Harbor Data, March 15-18, 1955

San Diego Bay [Data Files]: Overcast Distribution, Color 2. B, K, etc. Photopic, March 15, 1955

Color 3 distribution, Overcast, 1 Clear, B, K, etc. 417.9, March 16, 1955

Radiance Distribution, 1100, Color 5,
595.9, March 17, 1955

Radiance Distribution, 1145, Color 7, 649.9, March 17, 1955

Radiance-Distribution, 1400, Color 2, Photopic, March 17, 1955

Radiance Distribution, 1315, Color 6, 629.8, March 17, 1955

Radiance Distribution, 1430, Color 4, 531.9. March 17, [1955]

Log, B1, K, R Calibration, etc. March 17, 1955

Radiance Distribution, B1, K, R Color 2 & 4, Photopic & 531.9, (bottom data),
March 18, 1955

Y Meter Data, Coronado Island, March 18, 1955, for use W/V/W Photometer

Upper Cell Data, March 18, 1955

Lower Cell Data, March 18, 1955

Calibration, February 25, 1955

U/W Photometer, Calibration Data, February 25, 1955

Howard's Personal Notes, March, 1955

Underwater Photometer, Instrument Rules and Calibrations, March, 1955

BOX**FOLDER TITLE****TYLER SERIES (cont.)**

38

Calibration: March 1, 1955
March 2, 1955

March 5, 1955

March 6, 1955

March 9, 1955

Sun Shade Data, K Meter, B Meter, January 24, 1955

Underwater Photometer: Calibration Tapes, May 3, 1955

Underwater Photometer Notebook, May 3, 1955

[Computation Book, El Capitan, August 1-5, 1955]

El Capitan Operation, [August, 1955]

Neutral Density Calibrations Dated July 30, 1955

Y Meter, No Date

Y Meter, August 2, 1955

N Distribution, August 2, 1955, (2 folders)

N Distribution, August 3, 1955, (2 folders)

Color and N.D. Calibrations, August 4, 1955

Radiance Distribution Serial-8-4-A, August 4, 1955, (2 folders)

[Radiance Distribution, August 4, 1955]

Y Meter, Serial 8-5-A, Aug. 5, 1955

N Distribution, up-looking Cell, August 5, 1955

N Distribution, Down-looking Cell, August 5, 1955

BOX**FOLDER TITLE****TYLER SERIES (cont.)**

38

B Data, EI Capitan, August 11, 1955
August 12, 1955

Nephelometer: Fortran, [May-June, 1961]
Write-Up, [July-August, 1961]

Development, March, 1960,[Oct. 1959- March, 1960]

59 (220), [March-April, 1959]

59, April 17, 1959, Tank, [Feb.Nov. 1959]

59-Neph-21, Apr. Tank, [Feb.-April, 1959]

April 22, 1959 Tank

April 23, 1959 Tank, [Feb.-April]

May 22, 1959, [Feb.-May]

May 26, 1959, [May-Aug.]

May 28, 1959, [Feb. -Sept.]

Scattering N.S.F. Research, [Dec. 1958- April, 1959]

[Underwater Research #2, R.W. Sandberg Notebook, Oct.-Dec. 1960]

Experiment: 2, April 17, 1961

3, April 17, 1961

4, May 1, 1961

5, May 23, 1961

6, May 24, 1961

7, May 29, 1961

7-A, May 29, 1961

Plankton Experiment I, May 15 & 16, 1961

Plankton Experiment II, June 8, 1961

8, Ludox and Red Dye, July 21, 1961

BOX**FOLDER TITLE****TYLER SERIES (cont.)**

- 38 Experiment: 2, April 17, 1961 (cont.)
9, Ludox and Green Dye, July 25, 1961
10, Ludox and Blue Dye, August 1, 1961
11, Ludox and Orange Dye, August 4,
12, Ludox and Yellow Dye, August 8, 1961
13, Ludox and Violet, August 9, 1961
[To be Filed, Feb. 1959-Feb. 1960]
[Paper on Measurement of Atmospheric 1961 Scattering, Prichard and Elliott, n.d.]
Scattering Correspondence, [1959-1961]
[Farkington Notebook, June-July, 1957]
Concentration of Dow Spheres, Sample of March 16, 1960, Scattering Media
Nephelometer Volume Calibration Complete Data, November 6, 1959 P.M.
- 39 Hydro-Optics, John E. Tyler Computation Book, Nov. 6, 1956, [Feb. 24, 1961]
Nephelometer Volume Calibration, Nov. 6, 1959
Nephelometer Rules, [1960]
Direct Beam Data, Nephelometer Tests, [June, 1960]
Direct Beam Nephelometer, Nov. 5, 1959
Scattering, Skim Milk, Oct. 31, 1960
Scattering, Skim Milk, Nov. 3, 1960
Scattering Measurements, Nov. 11-12, 1959
Scattering Measurements, March 10-11, 1960
Scattering, March 18, 1960

BOX**FOLDER TITLE****TYLER SERIES (cont.)**

- 39 Lake P.O., Idaho, Nephelometer Data, 1960
- Scattering, (Nephelometer) San Clemente, Nov. 15-17, 1960
- Scattering, San Clemente, Jan 16-17, 1961
- Robert W. Sandberg, Notebook, [Nov. 1960-March, 1962]
- Prichard's Nephelometer Calibration Using a Screen Without Perfect Lambert Properties, [Feb.-Sept. 1961]
- [Design Theory for a Submersible Scattering Meter, John E. Tyler, n.d.]
- [Paper, n.d.]
- N.E.L. Scattering Meter, [July 26, 1962-Feb. 21, 1963]
- Scattering Data on Distilled Water, February 11, 1963
- Scattering Data. Distilled Water, February 12, 1963
- Volume Calibration Data, R-T Data, February 8, 1963
- Scattering Data on Distilled Water, January 25-26, 1963
February 8, 1963
- Volume Calibration Data, Distilled Water, January 25, 1963
- N.E.L. Scattering Meter, R-T Tap Water Tests, January 11, 1963
- N.E.L. Scattering Meter, General, 1962
- Experimental Procedures for the Measurement of the Basic Constructs, [n.d.]

BOX**FOLDER TITLE****TYLER SERIES (cont.)**

- 39 N-Distribution, Foggy, 10', March 19, 1957, Nelpocs
- Radiance Distribution, Foggy, March 18, 1957, Melpocs
- Pend Orreille Data (Good), Overcast and Clear, 1957 (First) Reduction
- Radiance Distribution, Clear, April 28, 1957 A.M. Nelpocs
- [Radiance Distribution, Records Book, March-April, 1957]
- Radiance Distribution, Nelpocs, Overcast, March 16, 1957, 1047
- N-Distribution Model Data, March 16, 1957-April 28, 1957 A.M. Nelpocs
- Radiance Distribution, Clear, April 28, 1957, P.M. Nelpocs
- Radiance Distribution, Overcast, March 15, 1957, Nelpocs

BOX**FOLDER TITLE****CHRONOLOGICAL SERIES**

40	Chronological File: August-Sept. 1954
	October, 1954
	November, 1954
	December, 1954
	January, 1955
	February, 1955
	March, 1955
	April, 1955
	May, 1955
	June, 1955
	July, 1955
	August, 1955
	September, 1955
	October, 1955
	November, 1955
	December, 1955
	January, 1956
	February, 1956
	March, 1956
	April, 1956
	May, 1956
	June, 1956
	July, 1956
	August, 1956
	September, 1956
	October, 1956
	November, 1956
	December, 1956

BOX**FOLDER TITLE****CHRONOLOGICAL SERIES (cont.)**

40

January, 1957

February, 1957

March, 1957

April, 1957

May, 1957

June, 1957

July, 1957

August, 1957

September, 1957

October, 1957

November-December, 1957

January-February, 1958

March, 1958

April, 1958

May, 1958

June, 1958

July, 1958

August, 1958

September-October, 1958

November-December, 1958

January-February, 1959

March-April, 1959

May, 1959

June, 1959

July-August, 1959

September-October, 1959

November-December, 1959

BOX**FOLDER TITLE****CHRONOLOGICAL SERIES (cont.)**

40	January-February, 1960
	March-April, 1960
	May-July, 1960
	August-September, 1960
	October, 1960
	November-December, 1960
	January-February, 1961
	March-April, 1961
	May-June, 1961
	July-August, 1961
	September-October, 1961
	November-December, 1961
	January-February, 1962
	March-April, 1962
41	May-June, 1962
	July-August, 1962
	September-October, 1962
	November-December, 1962
	January-February, 1963
	March-April, 1963
	May-June, 1963
	July-August, 1963
	September-October, 1963
	November-December, 1963
	January-February, 1964
	March-April, 1964
	May, 1964
	June, 1964

BOX**FOLDER TITLE****CHRONOLOGICAL SERIES (cont.)**

41

July-August, 1964

September-October, 1964

November-December, 1964

January-February, 1965

March-April , 1965

May-June, 1965

July-August, 1965

September-October,

November-December,

January-February,

March-April , 1966

May-June, 1966

July-August, 1966

September-October,1966

November-December, 1966

January-February, 1967

March-April , 1967

May-June, 1967

BOX

FOLDER TITLE

PHOTOGRAPHS SERIES

42

[Check-Out Charts, 1955]

Slide File Listings, n.d. [SEE TITLE LIST OF NEGATIVES BELOW]

Classification of Negatives, List of Slides, List of Replacement Stock, n.d., (2 folders)

Negative Log: 1955

1956-1963

1964-1967

1968-1977

Contact Prints of Negative No. 55-00001- 00004

55-00027-00030

55-00067

55-00296

56-0044

57-0006

57-0007

57-0009

57-0016

57-0056

58-0013

58-0052

59-0038

60-0014

60-0018

60-0030

60-0047

60-0058(2)

61-0030(6)

BOX**FOLDER TITLE****PHOTOGRAPHS SERIES (cont.)**

42 Contact Prints of Negative No. 55-00001-00004
 61-0048(5)

 61-0066

 61-0068

 62-0027

35mm Negatives, n.d.

35mm Negative No. 64-75 and 70mm Negatives of [U N] Rad Camera in Construction

35mm Negative No's: 61-0047 to 62-0043 (incomplete)
 62-0004

 64-0004 to 64-0099 (incomplete)

 64-0050

 65-0117 to 65-0120

 66-0015 to 66-0065 (incomplete)

 66-0052 (0-12)

 66-0052 (13-45) [incomplete]

 66-0052 (46-57)

 66-0054 to 66-0060 (incomplete)

 66-0061 to 66-0064-2

 66-0168 to 66-0173

 67-0040 and 67-0064

 69-0075 and 71-0002

 Roll's A-C, 1970

 75-0022 - 75-0024 and 77-0007

[Photographic Film, n.d. and Crater Lake August 5, 1966]

43 Negatives: Box 1, n.d., 55-0005 - 55-00323

 Box 2, 55-00324 - 56-0027

BOX **FOLDER TITLE**
PHOTOGRAPHS SERIES (cont.)

43 Negatives: Box 1, n.d., 55-0005-55-00323 (cont.)
 Box 3, 56-0031 - 59-0047

 Box 4, 60-0001 - 62-00221

44 Box 5, 62-0023 - 64-0074

 Box 6, 64-0075 - 66-0089

 Box 7, 66-0090 - 68-0165

 Box 8, 68-0166 - 77-0027

TITLE LIST OF NEGATIVES

NEGATIVE NO.	TITLE
55-1	Sea State Meter
55-2	Sea State Meter
55-3	Sea State Meter
55-4	Sea State Meter
55-5	Sea State Meter
55-6	Sea State Meter
55-7	Sea State Meter
55-8	Sea State Meter
55-9	Sea State Meter
55-10	Sea State Meter
55-11	Sea State Meter
55-12	Sea State Meter
55-13	Underwater Photometer

NEGATIVE NO.	TITLE
55-14	Underwater Photometer
55-15	Underwater Photometer
55-16	Underwater Photometer
55-17	Underwater Photometer
55-18	Underwater Photometer
55-19	Underwater Photometer
55-20	Underwater Photometer
55-21	Underwater Photometer
55-22	Sky State Meter
55-23	Sky State Meter
55-24	Sky State Meter
55-25	Sky State Meter
55-26	Sky State Meter
55-27	M.R. II
55-28	M.R. II
55-29	M.R. II
55-30	M.R. II
55-31	Photometer Chassis
55-32	Photometer Chassis
55-33	Photometer Chassis
55-34	Photometer Chassis
55-35	Photometer Chassis

NEGATIVE NO.	TITLE
55-36	Construction D.I.
55-37	Construction D.I.
55-38	Construction D.I.
55-39	Construction D.I.
55-40	Construction D.I.
55-41	Construction D.I.
55-42	Construction D.I.
55-43	Construction D.I.
55-44	Construction D.I.
55-45	Tower Construction D.I.
55-46	Tower Construction D.I.
55-47	Tower Construction D.I.
55-48	Tower Construction D.I.
55-49	Tower Construction D.I.
55-50	Tower Completed D.I.
55-51	Tower Completed D.I.
55-52	Personnel D.I.
55-53	Diamond Island Personal
55-54	Diamond Island Personal
55-55	Boats at Steel Pier-Ames
55-56	Machine Shop D.I.
55-57	Test Laboratory D.I.

NEGATIVE NO.	TITLE
55-58	Boats at Wharf D.I.
55-59	Diamond Island
55-60	Office Bldg. at D.I.
55-61	Boat at Steel Pier-Ames
55-62	Lagoon Near D.I.
55-63	Lake & Floats D.I.
55-64	Boats at Steel Pier* Ames
55-65	Lagoon Near D.I.
55-66	Barge Under Tower
55-67	Glass Bottom Boat
55-68	Thermometer D.I.
55-69	Photometer Track at D.I.
55-70	Photometer Track at D.I.
55-71	Sun Patch on Water
55-72	Sun Patch on Water
55-73	Copy Underwater Photometer
55-74	Sea State Meter D.I.
55-75	M.R. III (8)
55-76	Sea State Meter
55-77	Sea State Meter
55-78	Tower at D.I.
55-79	M.R. I

NEGATIVE NO.	TITLE
55-80	Darkroom at D.I.
55-81	Sea State Meter
55-82	Copy Office Bldg. at D.I.
55-83	Sky State Meter
55-84	Loading Truck
55-85	Copy Submerged Sub.
55-86	Chart – Program Vis Lab
55-87	Chart – Program Vis Lab
55-88	Chart Vis Laboratory
55-89	Chart
55-90	Chart
55-91	Chart
55-92	Chart
55-93	Chart
55-94	Copy Sent Dr. Blackwell
55-95	Photograph of Trailer
55-96	Sky State Meter
55-97	Plane in Sphere
55-98	Hulburt Skies
55-99	Hulburt Skies
55-100	Spectrogeograph
55-101	Underwater Photometer

NEGATIVE NO.	TITLE
55-102	Charts
55-103	Chart
55-104	Chart
55-105	Chart
55-106	Chart "Vision"
55-107	Chart "Vision"
55-108	Chart "Vision"
55-109	Chart "Vision"
55-110	Charts Mr. Tyler 4/2/53
55-111	Charts Mr. Tyler 4/2/53
55-112	Charts Mr. Tyler 4/2/53
55-113	Charts Mr. Tyler 4/2/53
55-114	Charts Mr. Tyler 4/2/53
55-115	Charts Mr. Tyler 4/2/53
55-116	Charts Mr. Tyler 4/2/53
55-117	Charts Mr. Tyler 4/2/53
55-118	Charts Mr. Tyler 4/2/53
55-119	Chart 1948 Results (10)
55-120	Chart Decimal Equivalents
55-121	Chart Screw Hole Sizes
55-122	Chart-Sea State Meter
55-123	Chart-3 Log D. & C Scale

NEGATIVE NO.	TITLE
55-124	Chart – Mark I Mod II Amplifier
55-125	Chart-Regulated Power Supply
55-126	Chart-Regulated Power Supply
55-127	Chart
55-128	Chart
55-129	Chart
55-130	Chart (No Negative)
55-131	Chart
55-132	Y Meter Close Up 8/53
55-133	Y Meter 8/53
55-134	Photometer Chassis
55-135	Photometer Chassis
55-136	Photometer Chassis
55-137	Underwater Photometer
55-138	Sphere Half Open
55-139	Plane Suspension
55-140	Sphere Uncompleted (AL)
55-141	Vapor Trails (4)
55-142	Machine Shop 8/53
55-143	Machine Shop 8/53
55-144	Machine Shop 8/53
55-145	Machine Shop 8/53

NEGATIVE NO.	TITLE
55-146	Transmission Densitometer
55-147	Transmission Densitometer
55-148	Electronic Lab 8/53
55-149	Electronic Lab 8/53
55-150	Chart
55-151	Chart
55-152	Chart
55-153	Chart
55-154	Chart
55-155	Chart
55-156	Underwater Barrage
55-157	Tower at Diamond Island
55-158	Tower at Diamond Island
55-159	Tower at Diamond Island
55-160	Sea State Meter
55-161	Sea State Meter
55-162	Sea State Meter
55-163	Sea State Meter
55-164	Sea State Meter
55-165	Sea State Meter
55-166	Tower at Diamond Island
55-167	M.R. II at D.I.

NEGATIVE NO.	TITLE
55-168	M.R. II at D.I.
55-169	M.R. II Diamond Island
55-170	Tower at Diamond Island
55-171	M.R. II Diamond Island
55-172	M.R. II D.I.
55-173	M.R. II at D.I.
55-174	M.R. II at D.I.
55-175	M.R. II at D.I.
55-176	M.R. II at D.I.
55-177	M.R. II at D.I.
55-178	M.R. II at D.I.
55-179	Tower at D.I.
55-180	Underwater Photometer
55-181	Spectrogeograph
55-182	Chart Woods Hole Series
55-183	Chart 1931 Observations
55-184	Spectral Sensitivities
55-185	Cover (High Sun Photos) (3)
55-186	Submarine Photometer
55-187	Submarine Photometer
55-188	Submarine Photometer
55-189	Copy Marine Research 1937

NEGATIVE NO.	TITLE
55-190	Copy Marine Research 1937
55-191	Copy Marine Research 1937
55-192	Chart
55-193	Chart Copy
55-194	Copy Electronics 1953 (Article) (4)
55-195	Bureau of Standards
55-196	Chart Nomograph
55-197	Personnel D.I. 1953
55-201	Spectrogeograph
55-202	Spectrogeograph
55-203	Spectrogeograph
55-204	Spectrogeograph
55-205	Spectrogeograph
55-206	Spectrogeograph
55-207	Spectrogeograph
55-208	Copy B-36 Blue Prints (3)
55-209	Copy B-36 Blue Prints
55-210	Copy B-29 Gear in Plane
55-198	Pinkham D.I.
55-199	Pinkham D.I.
55-200	Pinkham D.I.
55-211	Copy M.R. Meter for Plane

NEGATIVE NO.	TITLE
55-212	Copy Nephelometer for Plane
55-213	Copy Motion Picture Studio
55-214	Copy Light Box
55-215	Copy Michigan Set Up
55-216	Copy Field Operations
55-217	Copy Military Calculation
55-218	Copy Program Vis. Lab
55-219	Basic Research Panel
55-220	Nomograph
55-221	Nomograph
55-222	Planetary Atmosphere (Article) (4)
55-223	Y Meter for Plane
55-224	Nephelometer
55-225	Nephelometer
55-226	Reflex Telephotometer
55-227	E Meter for Plane
55-228	M.R. Wind Tunnel Test #1 (9)
55-229	Movie Studio
55-230	Movie Studio
55-231	Movie Studio (2)
55-232	Movie Studio (2)
55-233	Trailer (2)

NEGATIVE NO.	TITLE
55-234	Sphere Support of B-36
55-235	Sphere Plane Mounting B-47
55-236	Sphere Showing Painting
55-237	Sphere
55-238	Sphere Model of B-47
55-239	Sphere
55-240	Sphere Camera in Port Hole
55-241	Spheres Line in a Row
55-242	Sphere
55-243	Sphere
55-244	Sphere
55-245	Sphere Model in Place
55-246	Sphere
55-247	Sphere
55-248	Sphere Night Sky –Open View
55-249	Sphere Closed Camera in Place
55-250	Sphere Grey Scale
55-251	Underwater Photometer
55-252	Underwater Photometer
55-253	Underwater Trombone
55-254	Underwater Gear
55-255	Underwater Trombone

NEGATIVE NO.	TITLE
55-256	Underwater Photometer 1956
55-257	B-36 Information (Confidential)
55-258	Hook Lens Testing (2)
55-259	Marine Research 1941 (Article) (1-10)
55-260	Submarine Illumination (Article) (1-13)
55-261	Storm Damage Diamond Island
55-262	Diamond Island 1954
55-263	Lecture Dr. Ballard (4)
55-264	M.R. III Photo Cell
55-265	M.R. III Showing List
55-266	M.R. III Photo Cell Unit (2)
55-267	M.R. III Heating Coil & Lens
55-268	M.R. III View of Mirrors (2)
55-269	M.R. III Whole Inst.,
55-270	M.R. III Whole Inst.,
55-271	Cloud Formation (22)
55-272	Hexagonal Patterns Dr. D.
55-273	Spectro Photometer
55-274	Cathode Sensitivity
55-275	Lower Sky Scanner
55-276	M.R. III on Plane (4)
55-277	E Meter on Plane (3)

NEGATIVE NO.	TITLE
55-278	Y Meter on Plane (2)
55-279	Underwater Flare
55-280	Underwater Flare (3)
55-281	Underwater Flare (2)
55-282	Underwater Flare
55-283	Underwater Flare
55-284 & A I	Underwater Flare
55-285	Transmission Densitometer
55-286	Transmission Densitometer
55-287	Transmission Densitometer
55-288	Instrument House (4)
55-289	Silhouette of B-47 & B-36
55-290	D.I. Activities 1954 Dr. B (5)
55-291	Lower Sky Scanner (2)
55-292	Instrument on Plane (14)
55-293	Match of Plates B-47 (AL)
55-294	Match of Plates B-47 (AL) (14)
55-295	Boileau B-47
55-296	Coronado Island Trip (8)
55-297	Plane (Equipment & Racks / 54) (7)
55-298	Upper Sky Scanner (8)
55-299	Rudy's Globe

NEGATIVE NO.	TITLE
55-300	Astro-Physical Journal 1905 (Article) (12)
55-331	Copy Airplane Ticket
55-332	Gonio Photometer-Recorder
55-333	Copy Underwater Spectrophoto
55-334	Copy Polar Graph
55-335	Laws of Eye Movement & Vision (Article) (6)
55-336	The PSA Journal (Technical 1954 A Class) (Article) (6)
55-337	Singular Integral Equations A Class (Article) (1-6)
55-338	Singular Integral Equations (Article) (1-12)
55-339	Model of Outer Layers of Star (Article) (8)
55-340	Linear Integral Equation with Positive Nucleus (Article) (1-14)
55-341	Model of Outer Layers of Star (Article) (7)
55-342	Temperature Distribution (Article) (7)
55-343	Equation for Radiative Equilibrium (Article) (4)
55-344	Robot Calibration (9)
55-345	B-52 Studio Shot
55-346	Copy Polar Graph (Bryant)
55-347	Atmosphere (Article) (19)
55-348	Copy-Spectrogeograph
55-349	Copy-Malus Calibrator
55-350	Copy-Spectrogeograph (2)
55-351	Copy Polar Graph

NEGATIVE NO.	TITLE
55-352	Rig Photographing Targets (3)
55-353	Copy Colorimetry Chart
55-354	Copy-Inst of Leningrad (20)
55-355	Trans. Of Opt. Inst. Of Leningrad (Article) (17)
55-356	Trans. Of Opt. Inst. Of Leningrad (Article) (51)
55-357	Underwater T.V. Program (5)
55-358	Chem-Illumen Experiment
55-359	Radative Equilibrium (Milne) (Article) (16)
55-360	Copy (Development Chart)
55-361	Underwater T.V. Program (5)
55-362	Copy Chart (6)
55-363	Lantern Slide Labels
55-364	Thermal Expansion Apparatus
55-365	Thermal Expansion Apparatus
55-366	Thermal Expansion Apparatus
55-367	Analog Representing the Eye (2)
55-368	Trailer Scanner (33)
55-369	Copy-Upper Scanner Rule
55-370	Binocular Columator (2)
55-371	Spectrogeograph (2)
55-372	Copy Machine Screw Sizes
55-373	Underwater T.V. DR. B (10)

NEGATIVE NO.	TITLE
55-374	Copy H Meter for B-29
55-375	Copy B-29 Telephotometer
55-376	Copy Short Path M.R.
55-377	Copy Long Path M.R.
55-378	Copy-Trailer Upper Scanner
55-379	Exploded Underwater Photo (filed with 55-403)
55-380	Chart (No Negative)
55-381	Copy-Optic Density Graph (3)
55-382	El Captain Trip J.T. (No Negative)
55-383	Line Drawing (No Negative)
55-384	Brown R-R Lower E & Y Scale
55-385	Lower E Calibration Scale
55-386	Path Function Scales (Large Negative) (4)
55-387	Altera Ions for Bldg 347
55-388	Trailer, Equipment (No Negative)
55-389	Inside Trailer Shots (8)
55-390	Trailer Air Condition Unit (2)
55-391	Charts (Dr. Duntley) (24)
55-392	Trailer Vis Lab Sign (2)
55-393	Trailer Ground Gonio
55-394	Copy Calibration Rules (Large Negative) (5)
55-395	Underwater Photometer

NEGATIVE NO.	TITLE
55-396	Radiance Distribution Boxes (6)
55-397	Resolving Power & Information (Article) (5)
55-398	Calibration-Simulator (8)
55-399	Gonio Photometer (6)
55-400	Hydrophotometer (3)
55-401	High Speed Spectrograph
55-402	Ratio-Rig (3)
55-403	Underwater Photometer (379) (3)
55-404	Composite of Instruments (8)
55-405	Underwater Photometer (5)
55-406	Pitts Convention – J.T. (6)
55-407	T.V. Program (Buoys)
55-408	Solar Depression (Confidential)
55-409	Photometry at Low Levels (Article) (6)
55-410	Trailer Equipment (9)
55-411	Spencer Baird
55-412	T.V. Program Dr. B Special (1)
55-413	Inside B-29 (8)
55-414	Photographic Sensitometry (Article) (55)
55-415	Chart Radiation (Article) (10)
55-416	Charts (Mr. Tyler) (7)
55-417	Charts (Mr. Tyler) (8)

NEGATIVE NO.	TITLE
55-418	Gammeter (Large Negative) (1)
55-419	Labels U.S. at S.D. (Large Negative) (1)
55-420	Mr. Pinkham by Trailer (2)
55-421	B-36 Flight (Lower Ship) (30)
55-422	Diamond Island Photos (4)
55-423	Vis Lab (18)
55-424	Sea State Meter (9)
55-425	Diamond Island (6)
55-426	B-36 Flight (36)
55-427	Tank & Solder Model (10)
55-428	Eberhard Effect (Written in German) (Article) (58)
55-429	B-29 High Altitude Flight (9)
55-430	B-36 Flight (35)
55-431	B-36 Flight (9)
55-432	Copies (Underwater) (9)
55-433	Flight B-36 (1-36)
56-1	Decay Meter (No Negative)
56-2	Underwater T. V. Dr. B.
56-3	Underwater T.V. Dr. B. (2)
56-4	Up-Down Ratio T.V. Dr. B.
56-5	Underwater Wigwam Dr. D. (2)
56-6	Charts Dr. Duntley (4)

NEGATIVE NO.	TITLE
56-7	Observer in Tunnel (2)
56-8	Dr. Ballard (Confidential) (1-2)
56-9	Chart Relative Dector Dr. B
56-10	Sphere (New Lighting)
56-11	Sphere B-52
56-12	Mr. Tyler's Photos (8)
56-13	Projector Illumator S.A.C.
56-14	T.V. Simulator Device Dr. B.
56-15	Airplane & Trailer (Florida) (8)
56-16	Copies of Recorder (Florida) (7)
56-17	Chart (Optical)
56-18	Target as Seen by Observer
56-19	Inside B*29
56-20	Dr. Duntley (Speech) (Confidential) (1-5)
56-21	Simulator Device (56-0002) (2)
56-22	Underwater Camera Case (55-352)
56-23	Photometer & Nepelometer (3)
56-24	Charts Dr. Duntley (13)
56-25	Charts Dr. Taylor (2)
56-26	Instruments (4)
56-27	Simulator Unit
56-28	Hook Program (Confidential) (1)

NEGATIVE NO.	TITLE
56-29	Hook Program (Confidential) (1)
56-30	Foot Lamberts
56-31	Data Meter Analysis (No Negative)
56-32	Trailer Overturned (2)
56-33	Chart Light Meter
34	Copy Nomograph
56-35	Chart (Dr. Duntley) (4)
56-36	Electronic (Parts) (2)
56-37	Photometer (4)
56-38	Satellite (Material Dr. D.) (4)
56-39	Curves S.A.C
56-40	(Optical Theorize) Dr. D. (3)
56-41	Dr. Taylor's Trip (No Negative)
56-42	Airplane (29)
56-43	From Electronic Design (Article) (2)
56-44	Snarkel Wake Simulator (8)
56-45	Airplane M.R. Aug 1956 (7)
56-46	Chart (Plane Targets) (7)
56-47	Optical Properties of Aerosols (Article) (32)
56-48	M.R. Calibration of B-29 (8)
56-49	Wave Cap Project (2)
56-50	B-29 Sept 1956 Al Boileau

NEGATIVE NO.	TITLE
56-51	Dr. Duntley's Project
56-52	Wavelength (Charts) (3)
56-53	Vis Lab State Car (2)
56-54	Army Gonio Experiment (10)
56-55	Dr. Taylor's File (No Negative)
56-56	Optical Society Dr. D.
56-57	Science et Industries Photographic (Article) (14)
56-58	Calculated Path Function /55 (6)
56-59	Path Function (12)
56-60	Testing Tank Dr. Duntley (4)
56-61	Article Jack Bryant (13)
56-62	Wave Cap Project
57-1	Dr. Duntley
57-2	Dr. Duntley (Confidential) (1-5)
57-3	Charts Optical Tracing
57-4	Radiance Mr. Tyler (13)
57-5	B-29 Crew Members 1/18/57 (2)
57-6	Diffuse Sphere Collector
57-7	Underwater Gear Mr. Tyler (2)
57-8	Nephelometer Mr. Tyler
57-9	Special Specto Meter
57-10	Ratio Meter

NEGATIVE NO.	TITLE
57-11	Sky Scanner (Trailer) (4)
57-12	Thermometer Indicating Resistance (Article) (2)
57-13	Regulated Power Supply (3)
57-14	B-29 Captain Barron (4)
57-15	Dr. Duntley (Confidential) (15)
57-16	Testing Tank Mr. Tyler (7)
57-17	Spot Meter Al Boileau (5)
57-18	Sun Photometer Fred Pinkham
57-19	Chart Mr. Tyler
57-20	Chart (Dr. Preisendorfer) (2)
57-21	Graph (No Negative)
57-23	Underwater Photometer (4)
57-22	Shimmer Meter Dr. Duntley (2)
57-24	Sun Dial Dr. Taylor
57-25	Preisendorfer
57-26	Jim Harris Graphs (3)
57-27	Dr. Duntley March Field Base (4)
57-28	Dr. Duntley Charts (5)
57-29	Charts Hook Program (Confidential) (1-4)
57-30	Dr. Morris Charts (6)
57-31	Dr. Morris Charts (4)
57-32	Tube Characteristics Curves

NEGATIVE NO.	TITLE
57-33	Chart (Triangle) (1)
57-34	Dr. Talling Kilters (No Negative) (1-7)
57-35	Sunphotometer (1)
57-36	Negative Dr. Duntley's File Missile Meter
57-37	Mr. Tyler Kodachrome Copies (1)
57-38	Chart (Mr. Al Boileau) (1)
57-39	Charts (Al Boileau) (1-4)
57-40	Charts (Al Boileau) (1-8)
57-41	Graph Mr. Tyler (1)
57-42	Charts Al Boileau (1-10)
57-43	Inshore Survey Dr. Duntley (13)
57-44	Y Meter (Al Boileau) (1)
57-45	Charts Al Boileau (1-6)
57-46	Charts (Al Boileau) (1-5)
57-47	Dr. Duntley (1-10)
57-48	Belt Scanner (Gardoza) (1-3)
57-49	Charts Jim Harris (1-7)
57-50	Charts John Tyler (1-3)
57-51	Charts Dr. Duntley (1-6)
57-52	Missile Meter Material (1)
57-53	Charts Mr. Tyler (1-4)
57-54	Charts Dr. Duntley & Mr. S. (1-7)

NEGATIVE NO.	TITLE
57-55	Charts Dr. Preisendorfer
57-56	Miscellaneous, Special Jim Harris
57-57	Charts Dr. Duntley (12)
57-58	Miscellaneous Special Jim Harris (1-2)
57-59	Miscellaneous Special Jim Harris (1)
57-60	Charts Dr. Preisendorfer (1-7)
57-61	Article Dr. Preisendorfer (1-2)
57-62	Miscellaneous Special Jackie Gordon (1)
57-63	Charts Jim Harris (1-5)
57-64	Diamond Island Dr. Duntley (1-10)
57-65	Miscellaneous, Special Mr. Tyler (1-2)
57-66	Miscellaneous, Mr. Tyler (1)
58-1	Miscellaneous, Dr. Taylor
58-2	Under Water Photometer Mr. Taylor (35)
58-3	Bar Photometer J. Rewilson (2)
58-4	Field Lens Mr. Farris (4)
58-5	Dr. Duntley has Negatives
58-6	Inshore Survey Dr. Duntley
58-7	Charts J. Rennilson (2)
58-8	Dr. Duntley Manhigh
58-9	Log Photometer Chassis
58-10	Star Photometer Dr. Taylor

NEGATIVE NO.	TITLE
58-11	Charts Dr. Duntley
12	Hook Discriminator
58-13	Vision Committee
58-14	Form Discrimination Model
58-15	Dr. Taylor Star Photometer
58-16	Charts J. Renmislen / Rennislen
58-17	Charts Mr. Tyler (8)
58-18	Chart Mr. Tyler (1)
58-19	Special Equipment Dr. Duntley (1)
58-20	Special Equipment, Dr. Duntley (1)
58-21	Ozalid Machine Special Equipment (1)
58-22	Splash Detector on Beach (3)
58-23	Chart Relative Radiance Mr. Taylor (1)
58-24	Chart Point Mague Dr. Duntley (6)
58-25	Book Lab & Display Equipment (2)
58-26	Radiance Distribution Mr. Tyler (7)
58-27	Illumination Dr. Duntley ()
58-28	Photos of Speech Dr. Taylor (24)
58-29	Vis Lab Report Jim Harris (1)
58-30	Jim Harris (1)
58-31	No Negative
58-32	Spectra Spot Photometer

NEGATIVE NO.	TITLE
58-33	Special Instruments Manhigh 111
58-34	Water Clarity Meter Dr. Duntley
58-35	Dr. Taylor Calibration Curve
58-36	Dr. Duntley Sea State Simulator
58-37	Dr. Taylor Spot Photometer
58-38	Dr. Duntley Charts (Confidential) (5)
58-39	Micro Wave Equipment (1)
58-40	I.S.C. Meter Mr. Austin (3)
58-41	Optic Data 1954 Dr. Duntley (9)
58-42	Micro Wave Refractor (1)
58-43	Barrel Meter Dr. Duntley (1)
58-44	T.E. Tank Mr. Tyler (1)
58-45	No Negatives
58-46	Mr. Austin I.S.C.M. (1)
58-47	Jackie Gordon Charts (1)
58-48	Dr. Preisendorfer Charts (4)
58-49	Underwater Photometer Mr. Austin (1)
58-50	Small Spots S.A.C. Dr. Taylor (4)
58-51	Alpha Meter Mr. Tyler ()
58-52	Beta Meter Mr. Austin
59-1	Oceanograph Material Mr. Tyler
59-2	Water Clarity Mr. Austin

NEGATIVE NO.	TITLE
59-3	Star Navigation Test-Set Up Dr. Tyler
59-4	Irradiance as Function of Depths
59-5	Water Clarity for Instruction M.
59-6	Electronic Blinker Lights
59-7	Charts Mr. Tyler (Meters)
59-8	Jackie Chart (Foot Candles)
59-9	Mr. Tyler Telephotometer
59-10	Mr. Austin Water Clarity Meter
59-11	Mr. Al Boileau Cook Turbidity M
59-12	Jackie Gordon (From Blackwells R)
59-13	Dr. Duntley Gonio
59-14	Search Light Dr. D. & Dr. Taylor
59-15	Jackie Gorson Nomographs
59-16	Charts Dr. Preisendorf (2)
59-17	Mr. Austin Gonio
59-18	Visual Research Jim Harris
59-19	Charts Mr. Marts No Negative
59-20	Silhouette Plans
59-21	Optical Society 1959
59-22	Mr. Boileau Charts
59-23	Mr. Al Boileau Airplanes
59-24	Mr. Ed Martz Cloud Eight Finder

NEGATIVE NO.	TITLE
59-25	Mr. Ed Martz Charts
59-26	Mr. Austin Transmisometer
59-27	Mr. Ed Martz Chart
59-28	Jackie Gordon No Negative
59-29	Mr. Ed. Martz Chart No Negative
59-30	Jim Harris Scape Pier (3)
59-31	Richard Johnson Nuclei Counter (2)
59-32	Dr. Duntley Charts (2)
59-33	J Gordon Destroyer Paint ()
59-34	Dr. Duntley the Searchlight
59-35	Dr. Preisendorfer Charts
59-36	Mr. Austin No Negatives These are in 34
59-37	Mr. Martz Spectra Spot Meter
59-38	Mr. Austin Jancies Meter
59-39	Jim Harris Simulator Filters N.N.
59-40	Mr. Tyler Galathe Report Vol. 1
59-41	Jim Harris Charts N.N.
59-42	Mr. Ed Martz an Airport N.N. (1)
59-43	Wire Angles Jim Harris No Negative (10)
59-44	Mr. Ed Martz Charts N.N.
59-45	Jim Harris Searchlight Program (10)
59-46	Jim Harris T.V. Program (10)

NEGATIVE NO.	TITLE
59-47	Mr. Tyler Intergranting Sphere (2)
60-1	Dr. Taylor Pertaining to Eye
60-2	Mr. Al Boileau Chart Optic
60-3	Mr. Tyler Entergrating Sphere
60-4	Dr. Duntley the Sphere Simulator
60-5	Dr. Duntley View Box
6	Special Analysis Plus X
60-7	Dr. Taylor Aperture
60-8	Mr. Austin Test Exposure Sphere
60-9	Kay Fean Contrast Thresholds
60-10	Mr. Austin Arctic Simulator Tests
60-11	Mr. Tyler Charts (6)
60-12	Mr. Tyler Charts (3)
60-13	J.J. Rennilson Chart Searchlight
60-14	Mr. Tyler Charts the Sea
60-15	Dr. Taylor
60-16	Mr. John Tyler Charts
60-17	Dr. Duntley Divers
60-18	Dr. Taylor Chart
60-19	Mr. Al Boileau Refractometer
60-20	Mr. John Tyler Optical Design (1)
60-21	Dr. Taylor Chart (1)

NEGATIVE NO.	TITLE
60-22	Mr. Tyler (Report Negative)
60-23	Dr. Duntley (Charts)
60-24	Mr. Austin Flare Program Report
60-25	Mr. J. J. Rennilson Lens Test
60-26	Dr. Taylor Charts
60-27	Mr. Tyler Charts Reports
60-28	Mr. Austin Igloo
60-29	Dr. Duntley Swimmer Nomograph
60-30	Schematic of View Box Searchlight
60-31	Wavelength vs. Thickness
60-32	Dr. Taylor Threshold Contrast (1)
60-33	John Hood Painted Model Ships
60-34	Dr. Taylor Charts
60-35	Kay Fean Ships
60-36	Mr. Austin Igloo Research
60-37	Mr. Al Boileau Charts
60-38	Mr. Ed. Martz Gonio
60-39	Mr. R. Ensminger T.V. Marker
60-40	Dr. Preisendorfer Charts
60-41	Mrs. J. Grodon B-52
60-42	Mr. Al Boileau Charts
60-43	Dr. Duntley (Tables) Richardson

NEGATIVE NO.	TITLE
60-44	Dr. Taylor V.T.C. Ex I
60-45	Mr. Al Boileau 180 Camera
60-46	Dr. Duntley M.R.M Meter
60-47	Dr. Duntley
60-48	Dr. Taylor Chart
60-49	Jim Harris Regulated Voltage
60-50	Mr. Al Boileau E Meter Cap
60-51	Mr. Richard Ensminger Charts
60-52	Dr. Duntley Charts Report
60-53	Mr. Robert Howarth Charts
60-54	Dr. Duntley Diamond Island
60-55	Mr. Tyler Charts
60-56	Mrs. J. Gordon Airplane
60-57	Jim Harris Charts 503 (REN)
60-58	Dr. Taylor Charts Star Study (2)
60-59	Charts Mr. Tyler 5651 Project
60-60	Mr. Al Boileau E Meter Cap
61	Mr. J.J. Rennilson Charts
61-1	Mr. Austin Chart
61-2	Dr. Taylor Chart
61-3	Mr. Tyler Alpha Meter
61-4	Chart Mr. Richard Ensminger

NEGATIVE NO.	TITLE
61-5	Chart J.J. Rennilson
61-6	Charts Mr. Tyler
61-7	Charts Bob Howarth
61-8	Photometer System R. Ensminger
61-9	Dr. Taylor Strobe Disk
61-10	Mr. Tyler Charts
61-11	Dr. Duntley Chart
61-12	Dr. Taylor Charts (4)
61-13	Mr. Jim Harris Charts (45)
61-14	Mr. Tyler Special Equipment
61-15	Dr. Duntley Aerial Photo
61-16	Dr. Duntley Polaroid Shots
61-17	Dr. Duntley (Sea Surface)
61-18	Mr. Jim Harris Chart
61-19	Mr. Jim Harris Chart
61-20	Mr. Jim Harris Charts
61-21	Mrs. Jackie Gordon B-52
61-22	Mr. Richardson (Report)
61-23	Dr. Duntley Charts (9)
61-24	Radii Project
61-25	Camera Gonio
61-26	Mr. Al Boileau Charts

NEGATIVE NO.	TITLE
61-27	Dr. Taylor (Conference)
61-28	Mrs. Jackie Gordon Chart
61-29	Miss Kay Fean Charts
61-30	Mr. Al Boileau Charts (6)
61-31	Mr. Al Boileau Charts Slides (5)
61-32	Mr. Tyler Charts
61-33	Mrs. Peggy Church
61-34	Dr. Duntley Tele Scanner
61-35	Dr. Taylor Air Borne Turbidity
61-36	Mr. Al Boileau (C 130 Airplane
61-37	Dr. Duntley Exacta Shutter Cal. (2)
61-38	Dr. Duntley (S) Equipment
61-39	Dr. Taylor (Charts) (7)
61-40	Jim Harris (Charts) (23)
61-41	Jim Harris Charts (C) (7)
61-42	Jim Harris I O Modification
61-43	Mr. Al Boileau Charts
61-44	Mr. Tyler Charts
61-45	Dr. Duntley Underwater Pattern
61-46	Mr. Al Boileau
61-47	Dr. Duntley Charts
61-48	Mr. Leo Rogers Plastic (5)

NEGATIVE NO.	TITLE
61-49	Mr. Tyler Spectrograph
61-50	Dr. Duntley (Speech Charts)
61-51	Dr. Duntley (Speech Charts) C
61-52	Mr. Jim Harris Film Strip (C)
61-53	Mrs. Kay Edgerton Airplanes
61-54	Mr. D. Hooton Special Equipment
61-55	Dr. Taylor Charts
61-56	Mr. Tyler National Science
61-57	Illumination Foot Candles
61-58	Dr. Duntley Under Experiment
61-59	Dr. Taylor Instrument (S)
61-60	B-52 & B-47 Wing Span Articles
61-61	Mrs. Jackie Gordon Sub Models
61-62	Dr. Taylor's Observers
61-63	Mr. Jim Harris T.V. Experiment
61-64	Mr. Richard Ensminger (Shimmer)
61-65	Dr. Taylor Chart
61-66	Mr. Tyler Chart Special
61-67	Dr. Taylor (Eye) Article
61-68	Mr. Jim Harris Radii
61-69	Mr. John Tyler Underwater Ex
61-70	Mr. John Tyler Chart & Etc.

NEGATIVE NO.	TITLE
62-1	Mr. Tyler Charts German Article
62-2	Mr. Don Webb (Special Equipment)
62-3	Mr. Jim Harris (Special Radii)
62-4	Cruiser & Tanker Mrs. Gordon
62-5	Mr. Jim Harris Integration Noise
62-6	Mr. Al Boileau 180 Degree Color
62-7	Mr. John Tyler Charts Special
62-8	Dr. Taylor Charts Special
62-9	Mr. Don Webb (Special Equipment) (6)
62-10	Mr. Tyler (Special Series Charts)
62-11	Mr. Tyler (Special Chart)
62-12	Mr. Dave Hooton (Special NEL)
62-13	Dr. Taylor B.T.C. Targets
62-14	180 Degree Lens Check
62-15	Nikon Zoom Lens Kit
62-16	Dr. Duntley Tower D. I Charts (11)
62-17	O-Ring Grove Cutter
62-18	Mr. Jim Harris Reports 63-4 (Confidential) (9)
62-19	Mr. Jim Harris V.T.C. (6)
62-20	Mr. Jim Harris (Chart) (Confidential)
62-21	Mrs. J. Gordon Tanks (Confidential)
62-22	Mr. Al Boileau Charts

NEGATIVE NO.	TITLE
62-23	Mr. Hadley Richardson Charts
62-24	Dr. John Taylor Charts
62-25	Mr. Jim Harris (Chart)
62-26	For the Report on Symposium
62-27	Mr. Jim Harris Chart (Talk L.A.)
62-28	Mrs. Jackie Gordon
62-29	Mr. Al Boileau Spectrophotometer
62-30	Dr. Duntley Diamond Island (15)
62-31	Mrs. Jackie Gordon Chart (1)
62-32	Mr. John Tyler (Aquarium)
62-33	Mrs. Jackie Gordon Charts (3)
62-34	Mrs. Jackie Gordon N.O.T.S. (v) (3)
62-35	Mrs. Jackie Gordon N.O.T.S. (t) (3)
62-36	Mr. John Tyler Special Equipment
62-37	Dr. Duntley Equipment, D.I.
62-38	Special Sensitivity (Chart) (1)
62-39	Dr. Taylor Tank
62-40	Mr. Al Boileau Charts
62-41	Mr. Jim Harris Hugo Special
62-42	Mr. John Tyler Special Equipment, (17)
62-43	Mr. Al Boileau A.T. Meter
62-44	Mr. Austin Fog Experiment

NEGATIVE NO.	TITLE
62-45	Mr. Tricoles Bugs
62-46	Mrs. J. Gordon N.O.T.S. Project
62-47	Dr. Duntley D.I. Underwater
62-48	Mr. Jim Harris Radii Grey Scale
62-49	Square Law Filter Scope Square Wedge
62-50	Mr. Tyler Equipment Special 18
62-51	Dr. Taylor Charts, Observing, Etc.
62-52	Dr. Duntley Chart (Plus X Curve)
62-53	Mr. Jim Harris (S) Washington (C)
62-54	Mr. Al Boileau (Charts)
62-55	Mr. John Tyler Charts (Special 19)
62-56	Mr. Richard Ensminger (Charts0
62-57	Mr. Al Boileau Equipment Light
62-58	Dr. John Taylor (Vision)
62-59	Mr. Jim Harris (S) Washington (C)
62-60	Dr. Taylor (Chart for Report)
62-61	Mr. Jim Harris (S) Series Wash
63-63-1	Mr. Al Boileau Equipment Airplane
63-2	Dr. Taylor Experiment Air & Water (1)
63-3	Dr. Duntley Transmissometer
63-4	Dr. Taylor Vision
63-5	Dr. Duntley Charts & Equipment (9)

NEGATIVE NO.	TITLE
63-6	Mr. Jim Harris Equipment
63-7	Dr. Taylor Chart (1)
63-8	Mr. John Tyler Passport (2)
63-9	Dr. John Taylor Passport
63-10	Mr. Him Harris Radii
63-11	J. Harris ARPA Distorted Illustration (1)
63-12	J. Harris (Negative Made for Article)
63-13	J. Harris (Typical Spatial Frequency)
63-14	J. Harris (Line Up Grid for Simulator)
63-15	Mr. Al Boileau Power Supply (c 130)
63-16	Dick Ensminger (Special Equipment)
63-17	Dr. John Taylor Vision
63-18	Mr. R. Austin Fog
63-19	Mr. Jim Harris Special Equipment
63-20	Aerial Photo San Diego Large Negative
63-21	Probe Pressure Meter (c120)
63-22	Mr. Tyler Special (20)
63-23	Mr. Boileau (c130)
63-24	Dr. Taylor Targets
63-25	Mr. Boileau Equipment (c130)
63-26	Mr. John Tyler Special 21
63-27	Dr. John Taylor Targets

NEGATIVE NO.	TITLE
63-28	Mr. R. Ensinger N.O.T.S. L.N.
63-29	Gonio Model Photo (L.S. & Small Negative)
63-30	Mr. John Tyler Special 22
63-31	Mr. Jim Harris (Charts)
63-32	Bruce Ruff N.B.T.
63-33	Jim Harris "ARPA"
63-34	Radii Scanner
63-35	Chart of Noise Level
63-36	Analysis of Satellite Recon.
63-37	Optics-Electronics
63-38	Targets .042
63-39	(57-0036 Missile & Colored Negatives)
63-40	Title on Slides
63-41	Title Block on Engineer Drawings
63-42	C-130 Photometer
63-43	Dr. Duntley Shimmer Meter
63-44	D. Ensminger Drawing of Satellite
63-45	Trailer with Sun Shade
63-46	A Quadratic Content Meter (Ben)
63-47	A Quadratic Wave Form
63-47	A Quadratic Wave Form (Ben)
63-48	Jim Harris Charts for Article

NEGATIVE NO.	TITLE
63-49	Pahrump Field Test
63-50	Chart (The Sea) Book
63-51	Rooftop Scanner High Speed Camera
63-52	Dr. Taylor Chart
63-53	Dr. Duntley Chart Light in the Sea
63-54	Dr. Duntley Charts (Slides 3)
63-55	Charts (for 503)
63-56	Roof Top Scanner 503
63-57	Mr. R. Austin (Fog Report)
63-58	Azimuth Indicator
63-59	Jim Harris V.T.C. (For Report)
63-60	Mr. Al Boileau (C-130)
63-61	Mr. Al Boileau Charts (Slides)
63-62	Mr. J. Gordon Charts
63-63	Optics N.B.T.
63-64	Dr. Taylor Typical Teleost Eye
63-65	Dr. Duntley
63-66	Bob Howarth Target Optical System
63-67	Mr. Al Boileau (Report C-130)
63-68	Mr. John Tyler (Chart)
63-69	Mr. D. Ensminger Charts
63-70	Mr. Al Boileau (Article)

NEGATIVE NO.	TITLE
64-1	Mr. Al Boileau Grap
64-2	Dr. Duntley Optic Magazine
64-3	Mr. Ben McGlamery (Equipment)
64-4	Mr. Jim Harris (Confidential)
64-5	Mr. John Tyler Charts
64-6	Mrs. Jackie Gordon (Chart)
64-7	Van Target N.O.T.S. Report (35mm)
64-8	Sky Simulator
64-9	Roof Top Sky Camera
64-10	Off Point Loma Mr. I Resnick
64-11	Mr. Jim Harris (Example)
64-12	Mrs. Jackie Gordon (L.N.)
64-13	Example for Graphs
64-14	Dr. Duntley Applied Optics
64-15	Mr. Jim Harris Radar V.T.C.
64-16	Dr. Taylor Light Meter
64-17	Mr. Jim Harris Exposure Trail
64-18	Pahrump Grey Scale Camera
64-19	Solar Transmissiometer
64-20	Gemini
64-21	V.T.C. Bob Howarth Chart
64-22	Decal for Chassis (503)

NEGATIVE NO.	TITLE
64-23	Project 503
64-24	Project Gemini
64-25	Laboratory Location Map
64-26	Polar Photo
64-27	Star Plane Restoration
64-28	NASA Gemini Proposal Dr. Taylor
64-29	Aviation for Applied Optics
64-30	Mr. Jim Harris (Figure "4" S Radii)
64-31	Mr. John Tyler Chart
64-32	Door of Building, 339
64-33	Torky's I.D. Photograph
64-34	Mr. Boileau (C-130)
64-35	Mr. Al Boileau (C-130 Tape Consol)
64-36	Tank Model Showing Sun & Overcast
64-37	Radii Van Model of Angles
64-38	White Cap Photograph 503
64-39	Control Console for Radii Film Scanner
64-40	Target Gemini Psychological Ex
64-41	Project Gemini Head Dimensions
64-42	Copies Mock Up for N.B.T.
64-43	Nikon Camera Instruction Book
64-44	Slides for Air Force Conference

NEGATIVE NO.	TITLE
64-45	Luminance V.S. Sun Angle
64-46	Model of Trailer on Roof
64-47	Ground Station on N.O.T.S.
64-48	Camera Pod N.O.T.S.
64-49	N.O.T.S. Charlie Range 4000"
64-50	Rahrump Handbook
64-51	(Eye Vision Letter E)
64-52	Roof (503)
64-53	Radii (Confidential)
64-54	Gemini Project
64-55	In-Flight Vision Tester
64-56	Radii
64-57	Radii Target
64-58	Teletype Tape Discriminator
64-59	Optical Material Dr. Duntley
64-60	Photometer Gemini Project
64-61	Teletype Tape Discriminator
64-62	In-Flight Photometer Gemini

n.n. - no negative
confid - confidential
* Print 55-0007 = 0008 (same)

Oct. 14, 1987
Roger Webb
Jaime Alcas

VISIBILITY LAB - MISSING PRINTS

<u>55</u> - 00084	<u>55</u> - 00420	<u>58</u> - 0021	<u>59</u> - 0044 (n.n.)
00090 (no neg)	<u>56</u> - 0001 (n.n.)	0031 (n.n.)	0045
00091 (n.n.)	0008 (confid)	0033	0046
00092 (n.n.)	0026	0036	0047
00130 (n.n.)	0028 (confid)	0037	<u>60</u> - 0002
00144	0029 (confid)	0045 (n.n.)	0003
00145	0031 (n.n.)	0047	0004
00148	0032	0050	0006
00186	0039	<u>59</u> - 0005	0007
00236	0041 (n.n.)	0010	0008
00241	0045	0011	0010
00242	0055 (n.n.)	0012	0011
00257 (confid)	<u>57</u> - 0002 (confid)	0014	0012
00297	0015 (confid)	0015	0015
00330	0021 (n.n.)	0017	0017
00373	0024	0019 (n.n.)	0019
00379 (see 55-00403)	0029 (confid)	0020	0022
00380 (n.n.)	0034 (n.n.)	0021	0023
00382 (n.n.)	0035	0023	0024
00383 (n.n.)	0036	0028 (n.n.)	0032
00386 (large neg)	0058	0029 (n.n.)	0033
00388 (n.n.)	0066 (l) (n.n.)	0036 (n.n.)	0035
00394 (large neg)	<u>58</u> - 0003	0039 (n.n.)	0037
00408 (confid)	0005	0040 (n.n.)	0038
00412	0010	0041 (n.n.)	0039
00418 (large neg)	0015	0042 (n.n.)	0041
00419 (large neg)	0016 (n.n.)	0043 (n.n.)	0044
	0019		

Missing Prints (cont)

60-0045	61-0070 0071 0072	62-0042	63-0008	63-0035	63-0002
0048	62-0001	0043	0009	0036	0063
0054	0004	0044	0010	0037	0064
0055	0005	0045	0011	0038	0065
0056	0006	0046	0012	0039	0066
0057	0007	0047	0013	0040	0067
0060	0008	0048	0014	0041	0068
61-0007	0011	0049	0015	0042	0069
0010	0013	0050	0016	0043	0070
0013	0015	0051	0017	0044	0071
0018	0018 (confid)	0052	0018	0045	64-0001
0019	0019	0053	0019	0046	all ↓ missing
0021	0020 (confid)	0054	0020	0047	
0023	0025	0055	0021	0048	0062
0027	0028	0056	0022	0049	
0028	0029	0057	0023	0050	
0033	0030	0058	0024	0051	
0034	0031(1) 0032	0059	0025	0052	
0035	0033	0060	0026	0053	
0036	0034	0061	0027	0054	
0045	0035	63-0001	0028	0055	
0052	0036	0002	0029	0056	
0053	0037	0003	0030	0057	
0054	0038	0004	0031	0058	
0062	0039	0005	0032	0059	
0064	0040	0006	0033	0060	
0069	0041	0007	0034	0061	

VISIBILITY LAB - MISSING NEGATIVES

Box #1	Box #2	Box #3	Box #3	Box #4
55-00027	55-00379	57-0002	59-0017	60-0041
00028	00380	0005	0019	60- 0055 0054
00029	00382	0006	0020	0044 0045
00030	00383	0007	0021	0047 0060
00067	00388	0009	0023	61-0007
00090	00408	0021	0028	0010
00091	00420	0029	0029	0027
00092	56-0001	0034	0036	0028
00130	0008	0036	0038	0030
00134	0020	0048	0039	0033
00142	0028	0058	0041	0034
00145	0029	58-0005	0042	0036
00148	0030	0012	60-0002	0045
00149	0041	0013	0004	0048
00167	0045	0015	0006	0052
00204	0048	0016	0007	0054
00218	0055	0020	0008	0064
00226		0022	0010	0066
00271		0025	0012	0069
00296		0028	0014	0070
00315		0031	0019	0071-9
00324		0047	0028	0071-12
		59-0005	0032	0071-16
		0006	0036	62-0001
		0010	0037	0002-1
		0015	0039	0004
		(3)		

Box #4 (cont)	Box #5		Box #6
<u>62-0005</u>	<u>63-0003</u>	<u>63-0007</u>	<u>64-0051</u>
0006	0004	<u>64-0001</u>	↓
0007	0007	0002	0057
0010	0008	0003	0059
0011	0010	0004-6	0062
0013	0015	0004-12	↓
0015	0016	0004-17	0067
0019	0017	0004-21	0070
0022	0026	0004-27	0083
0025	0021	0004-28	↓
0027	0023	↓	0091
0032	0025	0004-34	0096-1
0034	↓	0007	0097
0039	0029	↓	<u>65-0033</u>
0045	0031	0012	0038
0047	0038	0014-4	0041
0048	0034	0014-8	0043
0055	0035	↓	↓
0056	0039	0014-30	0052
0058	↓	0014-33	
0059	0044	0017	
0060	0046	0020	
	0047	0021	<u>66-0014</u>
	0050	0023	0015
	0065	0025	0025
	0066	0029	0027
		↓	0030
		(#)	

MISSING NEGATIVES

Box #7		Box #8
67-0007	69-0063	70-0009
↓	↓	0041
0010	0072	↓
0039	0075	0049
0040	0076	0054
0064		0055
68-0115		0076
0131		↓
0185		0080
0211		0092
↓		↓
0219		0097
0222		71-0001
↓		0002
0239		0003
69-0005		74-0004
0008		↓
0009		0010
0010		75-0002
0017		0021
↓		0023
0034		0024
0041		
↓		
0061		
		(5)

NEGATIVE NOT IN THE GENERAL NEGATIVE FILE

NEGATIVE NO.	55-00001	Sea State Meter	Metal File
	55-00002	Sea State Meter	Metal File
	55-00003	Sea State Meter	Metal File
	55-00004	Sea State Meter	Metal File
	55-00027	M.R. Photo	Metal File
	55-00028	M.R. Photo	Metal File
	55-00029	M.R. Photo	Metal File
	55-00030	M.R. Photo	Metal File
	55-00067	Glass Bottom Boat	Metal File
	55-00090	Chart	No Negative
	55-00091	Chart	No Negative
	55-00092	Chart	No Negative
	55-00130	Chart	No Negative
	55-00257		CONFIDENTIAL FILE
	55-00315	Sphere Program	No Negative
	55-00379	Negative in 403 File	
	55-00380	Underwater T.V.	No Negative
	55-00382	Underwater Photometer	No Negative
	55-00383	Misc., Special	No Negative
	55-00386	Charts	Metal File Large Negative
	55-00388	Trailer	No Negative
	55-00394	Calibration Rule	Metal File Large Negative

OVER

NEGATIVE NO.	55-00090	NO NEGATIVE	CHART
NEGATIVE NO.	55-00091	NO NEGATIVE	CHART
NEGATIVE NO.	55-00092	NO NEGATIVE	CHART
NEGATIVE NO.	55-00093	NO NEGATIVE	CHART
NEGATIVE NO.	55-00130	NO NEGATIVE	CHART

NEGATIVE NO. 55-00257

CONFIDENTIAL FILE

NEGATIVE NO. 5500408

CONFIDENTIAL FILE

NEGATIVE NO. 55-00434
NEGATIVE NO. 55-00435
NEGATIVE NO. 55-00436
NEGATIVE NO. 55-00437
NEGATIVE NO. 55-00438
NEGATIVE NO. 55-00439
NEGATIVE NO. 55-00440
NEGATIVE NO. 55-00441
NEGATIVE NO. 55-00442
NEGATIVE NO. 55-00443
NEGATIVE NO. 55-00444

Mr. Tyler Vision
Dr. Duntley M.R. Meter
Sea State
Special Equipment
Special Equipment
Chart (Table New London)
Chart (Table Submerged Objects
Chart (Table Submerged Objects
Underwater Photometer S.D. Data
Mr. Tyler Copy 1-19-53 Charts
Anso Circut Diagram

PHOTOGRAPHS

PROCESS

1956

NEGATIVE NO. 56-0008
NEGATIVE NO. 56-0020
NEGATIVE NO. 56-0028
NEGATIVE NO. 56-0029

CONFIDENTIAL FILE
CONFIDENTIAL FILE
CONFIDENTIAL FILE
CONFIDENTIAL FILE

NEGATIVE NO. 56-0055

DR. TAYLOR

NEGATIVES

PROCESS

1957

NEGATIVE NO. 57-0002
NEGATIVE NO. 57-0015
NEGATIVE NO. 57-0029

CONFIDENTIAL FILE
CONFIDENTIAL FILE
CONFIDENTIAL FILE

5-13 NEG HOOK

NEGATIVES

PROCESS

1958

NEGATIVES NOT IN FILE 1958

NEGATIVE NO.	58-0010	Dr. Taylor	1 Negative Missing
	58-0016	J. Rennilson	No Negative
	58-0015		No Negative
	58-0031		No Negative
	58-0038	Dr. Duntley	CONFIDENTIAL FILE (3) (2 in General File)
	58-0013	Dr. Ballard	Gave Negative to Dr. Ballard August 5 1958
	58-0045	Mr. Rassman	Negative Returned to Mr. Tyler Sept 16 1958. Prints were made for Dr. Duntley & Mr. Tyler

NEGATIVE NO. 58-0010	Dr. Taylor	1 Negative Missing
NEGATIVE NO. 58-0016	J. Rennilson	No Negative
NEGATIVE NO. 58-0015		No Negative
NEGATIVE		

NEGATIVES

PROCESS

1959

NEGATIVES NO.	NEGATIVE NOT IN THE GENERAL NEGATIVE FILE
59-0005	No Negatives
59-0010	Mr. Al Boileau Cooke Turbidity Meter No Negatives
59-0011	No Negatives
59-0012	Mrs. Jackie Gordon 35mm Film in Steel Master File
59-0014	Dr. Duntley & Dr. Taylor The Searchlight Project filed in the Steelmaster file
59-0015	Mrs. Jackie Gordon Nomographs No Negatives
59-0017	This Negative was put in with 59-0013
59-0019	Mr. Martz 3 slides Mr. Martz has these negatives
59-0020	Mrs. Jackie Gordon Silhouette Planes No Negatives
59-0023	Mr. Al Boileau Colored Negative 35mm Neg., al Boileau
59-0028	Mrs. Jackie Gordon No Negatives
59-0029	Mr. Ed. Martz Negatives belong to Mr. Martz
59-0036	Mr. Austin These Negatives were put in with 59-0034
59-0039	Mr. Jim Harris Charts No Negatives
59-0041	Mr. Jim Harris Charts
59-0042	Mr. Ed. Martz has this Negative
59-0044	Mr. Ed. Martz has these Negatives
60-0006	Mr. J.J. Rennilson Spectral Analysis of Plus X
60-0007	Dr. Taylor "parture
60-0008	Mr. Austin Test of Exposure in the Sphere 35mm
60-0010	Mr. Austin Artic Simulator Tests
60-0012	Mr. Tyler Charts No Negatives
60-0019	Mr. Al Boileau Exposure Tests of Refractometer

NEGATIVES NOT IN THE GENERAL NEGATIVE FILE

NEGATIVE NO.	60-0025	Mr. J. J. Rennilson No Negative
	60-0033	Mr. John Hood a Painted Model (Ship)
	60-0037	Mr. Al Boileau Charts
	60-0039	Mr. Richard Ensminger The T.V. Marker
	60-0044	Dr. Taylor Fifo Project Ex 1
	60-0045	Mr. Al Boileau 180 Degree Lens (Glass Neg.,)
	60-0054	Dr. Duntley D.I. No Neg.,
	60-0055	Mr. Tyler Charts Case No 5651
	60-0060	Mr. Al Boileau E Meter Cap
NEGATIVE NO.	61-0007	Mr. Robert Howarth (Targets Grey Scales)
	61-0010	Mr. John Tyler No Negatives

NEGATIVES NOT IN THE GENERAL NEGATIVE FILE

NEGATIVE NO.	61-0027	Dr. Taylor 2 slides Conference 2/24/26/61
	61-0028	Mrs. Jackie Gordon Conference 2/24/26/61
	61-0034	Dr. Duntley Telescanner
	61-0045	Dr. Duntley Underwater Patterns 35mm Neg., (Dr. Duntley - Washington) also Charts and Navy Negatives)
	61-0051	Dr. Duntley Speech Washington Neg., (CONF.)
	61-0052	Mr. Jim Harris Carrier Film Strip 3 (CONF.)
	61-0054	Mr. Dave Hooton (Special)
	61-0064	Mr. Richard Ensminger Shimmer Pictures
NEGATIVE NO.	62-0013	Dr. John Taylor B.T.C. Targets
	62-0015	Nikon Zoom Lens Kit
	62-0018	Mr. Jim Harris Schematic of Tube (1 Neg.,(CONF.))
	62-0019	Mr. Jim Harris & Richard Ensminger 6 slides(35mm)
	62-0020	Mr. Jim Harris Chart (CONFIDENTIAL)
	62-0021	Mrs. Jackie Gordon Chart (CONFIDENTIAL)