

International Geophysical Year Records Group

16: USNC Member Files. Series contains papers of the following members of the USNC for the IGY: Joseph Kaplan, Chairman; Richard W. Porter, Chairman of the Technical Panel on the Earth Satellite Program (TPESP); Waldo Smith, Editor of the Transactions of the American Geophysical Union; Homer E. Newell, Jr., Technical Panel on Rocketry; and A. H. Shapley, Vice-Chairman. Series consists of correspondence, memoranda, printed matter, and other materials. Note regarding the Porter files: most of Richard Porter's files were originally labeled 16A through 16K, with no other description of the contents. Whenever feasible, descriptions reflecting these folders' contents have been added by the archivist organizing the collection; extremely large folders have been broken out by date or subject matter.

16.1 Kaplan J

USNC Member Files: Kaplan J: Correspondence: A: 1953-1959

USNC Member Files: Kaplan J: Correspondence: B: 1956-1959

USNC Member Files: Kaplan J: Correspondence: C: 1957-1960

USNC Member Files: Kaplan J: Correspondence: D: 1955-1959

USNC Member Files: Kaplan J: Correspondence: E: 1958-1959

USNC Member Files: Kaplan J: Correspondence: F: 1957-1960

USNC Member Files: Kaplan J: Correspondence: G: 1957-1960

USNC Member Files: Kaplan J: Correspondence: H: 1957-1959

USNC Member Files: Kaplan J: Correspondence: I: 1957-1959

USNC Member Files: Kaplan J: Correspondence: J: 1955-1961

USNC Member Files: Kaplan J: Correspondence: K: 1955-1959

USNC Member Files: Kaplan J: Correspondence: L: 1957-1960

USNC Member Files: Kaplan J: Correspondence: M: 1957-1959

USNC Member Files: Kaplan J: Correspondence: N: 1957-1960

USNC Member Files: Kaplan J: Correspondence: O: 1957-1959

USNC Member Files: Kaplan J: Correspondence: P: 1957-1960

USNC Member Files: Kaplan J: Correspondence: Q: 1958

USNC Member Files: Kaplan J: Correspondence: R: 1957-1959

USNC Member Files: Kaplan J: Correspondence: S: 1957-1959

USNC Member Files: Kaplan J: Correspondence: T: 1958

USNC Member Files: Kaplan J: Correspondence: U-V: 1958-1959

USNC Member Files: Kaplan J: Correspondence: X-Z: 1957-1958

USNC Member Files: Kaplan J: Miscellaneous Correspondence: 1953-1955

USNC Member Files: Kaplan J: Correspondence re Speaking Engagements: Jan-Mar 1958

USNC Member Files: Kaplan J: Correspondence re Speaking Engagements: Apr-Jun 1958

USNC Member Files: Kaplan J: Correspondence re Speaking Engagements: Jul-Dec 1958

USNC Member Files: Kaplan J: Correspondence re Speaking Engagements: 1959

USNC Member Files: Kaplan J: International Geophysical Cooperation: 1959

USNC Member Files: Kaplan J: IGY Termination Letters & Replies: 1959

USNC Member Files: Kaplan J: American Association for Advancement of Science: 1955-1959

USNC Member Files: Kaplan J: American Geophysical Union: 1957-1960

USNC Member Files: Kaplan J: American Rocket Society: 1959

USNC Member Files: Kaplan J: Committee on Space Research (COSPAR): 1958-1959

USNC Member Files: Kaplan J: Congress: 1957-1959

USNC Member Files: Kaplan J: Congress: A-I: 1954-1956

USNC Member Files: Kaplan J: Congress: J-Z: 1953-1956

USNC Member Files: Kaplan J: Institute of the Aeronautical Sciences: 1957-1959

USNC Member Files: Kaplan J: International Astronautical Federation: 1958-1959

USNC Member Files: Kaplan J: International Council of Scientific Unions (ICSU): 1958-1959

USNC Member Files: Kaplan J: International Scientific Radio Union (URSI): 1955-1957

USNC Member Files: Kaplan J: International Union of Geodesy & Geophysics (IUGG): 1956-1960

USNC Member Files: Kaplan J: International Union of Pure & Applied Physics (IUPAP): 1956-1957

USNC Member Files: Kaplan J: Ionospheric Physics: 1957-1958

USNC Member Files: Kaplan J: Miscellaneous IGY: 1955

USNC Member Files: Kaplan J: NAS: 1958-1961

USNC Member Files: Kaplan J: US Air Force: 1955-1958

USNC Member Files: Kaplan J: US Air Force: Advisory Group on Special Capabilities: 1955

USNC Member Files: Kaplan J: US Air Force: Air Research & Development Command (ARDC): 1955-1958

USNC Member Files: Kaplan J: US Air Force: Kaplan Comments on Russian Papers: 1957

USNC Member Files: Kaplan J: US Air Force: NAS-ARDC Special Study of Future Air Force R&D Requirements: 1957-1958

USNC Member Files: Kaplan J: US Air Force: Scientific Advisory Board: 1955-1959

USNC Member Files: Kaplan J: US Air Force: Scientific Advisory Board: Geophysics Research Panel: 1955-1959

USNC Member Files: Kaplan J: USNC for IGY: 1953

USNC Member Files: Kaplan J: UCLA Correspondence: 1955-1959

USNC Member Files: Kaplan J: CSAGI Meeting of IGY Publications Committee: London: 10-11 Jan 1956

USNC Member Files: Kaplan J: Memorandum on USNC-IGY & Technical Panels
Operational Planning: 15 Dec 1955

USNC Member Files: Kaplan J: Memorandum on USNC-IGY Cooperative Program in
Central & South America: 2 Dec 1955

USNC Member Files: Kaplan J: Memorandum on CSAGI Brussels Meeting: 28 Nov
1955

USNC Member Files: Kaplan J: Meetings of USNC-IGY Committees & Technical
Panels: 7 Nov 1955

USNC Member Files: Kaplan J: USNC-IGY Executive Committee Meeting Outline: 14
Oct 1955

USNC Member Files: Kaplan J: USNC-IGY Secretariat: List: 14 Oct 1955

USNC Member Files: Kaplan J: Report on Meeting re Huancayo Situation: 12 Oct 1955

USNC Member Files: Kaplan J: Memorandum on Ad hoc World Data Center Committee:
7 Oct 1955

USNC Member Files: Kaplan J: Memorandum on Ad hoc Equatorial Committee: 3 Oct
1955

USNC Member Files: Kaplan J: Memorandum on Ad hoc Arctic Committee: 3 Oct 1955

USNC Member Files: Kaplan J: Invitation to Serve on USNC-IGY Technical Panel on
Earth Satellite Program: 3 Oct 1955

USNC Member Files: Kaplan J: USNC-IGY Committees & Panels: Lists: Oct 1955

USNC Member Files: Kaplan J: Memorandum Transmitting US Program for IGY 1957-
1958: 1 Sept 1955

USNC Member Files: Kaplan J: Memorandum on CSAGI Brussels Meeting: 31 Aug
1955

USNC Member Files: Kaplan J: Memorandum Transmitting IGY Documents: 26 Aug
1955

USNC Member Files: Kaplan J: Memoranda & Documents Sent to USNC-IGY Since 1
Jan 1955: List: 25 Aug 1955

USNC Member Files: Kaplan J: Memorandum on Satellite Project: 25 Aug 1955

USNC Member Files: Kaplan J: Memorandum on Meeting of Technical Panel on World Days & Communications: 11 Aug 1955

USNC Member Files: Kaplan J: Memorandum on Membership of IGY Inter-Service Task Groups: 4 Aug 1955

USNC Member Files: Kaplan J: Letter from Chapman S to Kaplan J re Earth Satellite: 3 Aug 1955

USNC Member Files: Kaplan J: Memorandum Transmitting NY Times Tearsheets on Earth Satellite Program Announcement: 1 Aug 1955

USNC Member Files: Kaplan J: Memorandum on Earth Satellite Program Announcement: 29 Jul 1955

USNC Member Files: Kaplan J: Agenda for USNC-IGY Executive Committee Meeting: 25 Jul 1955

USNC Member Files: Kaplan J: Memorandum Transmitting Background Documents for USNC-IGY Executive Committee Meeting: 20 Jul 1955

USNC Member Files: Kaplan J: Memorandum on Next Meeting of USNC-IGY Executive Committee: 15 Jul 1955

USNC Member Files: Kaplan J: Extracts from Fourth Meeting of Technical Panel on Cosmic Rays: 13-14 Jul 1955

USNC Member Files: Kaplan J: Letters from General Secretary CSAGI to National Committees for IGY: Jul 1955

USNC Member Files: Kaplan J: Memorandum on USNC-IGY Program & Budget Estimates: 30 Jun 1955

USNC Member Files: Kaplan J: Letter from General Secretary CSAGI to National Committees for IGY: 20 Jun 1955

USNC Member Files: Kaplan J: Memorandum on Senate Appropriations Committee Action: 8 Jun 1955

USNC Member Files: Kaplan J: Memorandum on USNC-IGY Program & Budget Estimates by Project & Discipline: 6 Jun 1955

USNC Member Files: Kaplan J: Title Page for USNC-IGY Program & Budget Estimates by Project & Discipline: 1 Jun 1955

USNC Member Files: Kaplan J: Memorandum on CSAGI Brussels Meeting: 27 May 1955

USNC Member Files: Kaplan J: Memoranda Transmitting IGY Documents & Meeting Minutes: 27 May 1955

USNC Member Files: Kaplan J: Statement of Berkner L before Subcommittee on Appropriations: 18 May 1955

USNC Member Files: Kaplan J: Statement of Kaplan J before Subcommittee on Appropriations: 18 May 1955

USNC Member Files: Kaplan J: Statement of Odishaw H before Subcommittee on Appropriations: 18 May 1955

USNC Member Files: Kaplan J: World Meteorological Organization (WMO) Resolution on IGY: 13 May 1955

USNC Member Files: Kaplan J: Memorandum on USNC-IGY Additional Budget Needs: 5 May 1955

USNC Member Files: Kaplan J: Agenda for Seventh USNC-IGY Executive Committee Meeting: 5 May 1955

USNC Member Files: Kaplan J: Memorandum Transmitting IGY Documents: 4 May 1955

USNC Member Files: Kaplan J: Memorandum on Additional Budget & Advisory Council for IGY (ACIGY): 29 Apr 1955

USNC Member Files: Kaplan J: Excerpt from Independent Offices Appropriations Bill: 25 Apr 1955

USNC Member Files: Kaplan J: Memorandum Transmitting IGY Documents & Meeting Minutes: 20 Apr 1955

USNC Member Files: Kaplan J: Letter from General Secretary CSAGI on Advisory Council for IGY (ACIGY): 6 Apr 1955

USNC Member Files: Kaplan J: CSAGI General Resolutions: 6 Apr 1955

USNC Member Files: Kaplan J: Memorandum on House Action on IGY Fiscal 1956 Appropriations: 5 Apr 1955

USNC Member Files: Kaplan J: Memorandum Transmitting IGY Documents & Meeting Minutes: 4 Apr 1955

USNC Member Files: Kaplan J: Memorandum from Secretary of Navy on Navy Participation in IGY: 2 Apr 1955

USNC Member Files: Kaplan J: Memorandum on CSAGI Resolutions et al.: 1 Apr 1955

USNC Member Files: Kaplan J: Memorandum on Budget Estimates by Project: 28 Mar 1955

USNC Member Files: Kaplan J: Memorandum Transmitting IGY Documents & Meeting Minutes: 28 Mar 1955

USNC Member Files: Kaplan J: Memorandum Transmitting IGY Documents: 16 Mar 1955

USNC Member Files: Kaplan J: Memorandum Transmitting IGY Documents: 15 Mar 1955

USNC Member Files: Kaplan J: Memorandum to Department of Defense (DOD) IGY Task Groups: 5 Mar 1955

USNC Member Files: Kaplan J: Memorandum Transmitting Department of Defense (DOD) Document on Establishment of DOD IGY Task Groups: 3 Mar 1955

USNC Member Files: Kaplan J: Letter on Sno-Cat: 1 Mar 1955

USNC Member Files: Kaplan J: Letter from Bauer A on French Glaciology Program: 28 Feb 1955

USNC Member Files: Kaplan J: Agenda for Antarctic Committee Logistics Panel Meeting: 25 Feb 1955

USNC Member Files: Kaplan J: Agenda for USNC-IGY Meeting: 25 Feb 1955

USNC Member Files: Kaplan J: Memoranda on USNC-IGY Meeting: 25 Feb 1955

USNC Member Files: Kaplan J: Letter from Benioff H to Macelwane J on Pacific Ocean Exploration: 24 Feb 1955

USNC Member Files: Kaplan J: Comments on Memorandum on Buildings & Facilities for Antarctic Program: 18 Feb 1955

USNC Member Files: Kaplan J: Memorandum on USNC-IGY Antarctic Committee: 18 Feb 1955

USNC Member Files: Kaplan J: Memorandum Transmitting Arctic Institute of North America Report: 18 Feb 1955

USNC Member Files: Kaplan J: Antarctic Logistics Problems: 18 Feb 1955

USNC Member Files: Kaplan J: Special Glaciological Seismic & Gravity Antarctic Requirements: 18 Feb 1955

USNC Member Files: Kaplan J: Memorandum on Appointment of IGY Inter-Service Task Groups: 15 Feb 1955

USNC Member Files: Kaplan J: Letter from Kaplan J to National Science Foundation (NSF) Director: 14 Feb 1955

USNC Member Files: Kaplan J: IGY National Committees: List: 10 Feb 1955

USNC Member Files: Kaplan J: Letter from Kaplan J to Operations Coordination Board: 7 Feb 1955

USNC Member Files: Kaplan J: Letter from Schilling G to Shapley H on Radio Wave Propagation in Southern Hemisphere: 12 Jan 1955

USNC Member Files: Kaplan J: Memorandum on Recent Activities of USNC-IGY: 31 Dec 1954

USNC Member Files: Kaplan J: Memorandum on Functions Responsibilities & Organization of Technical Panels: 17 Dec 1954

USNC Member Files: Kaplan J: Letter Inviting Participation in IGY: 10 Dec 1954

USNC Member Files: Kaplan J: Memorandum on Proposed National Science Foundation (NSF) Actions to Support US Program for IGY: 24 Nov 1954

USNC Member Files: Kaplan J: Attachment on Equipment & Budget: 18 Nov 1954

USNC Member Files: Kaplan J: Draft Letter from Kaplan J to NAS President Bronk D: 12 Nov 1954

USNC Member Files: Kaplan J: Nations Participating in IGY: List: Nov 1954

USNC Member Files: Kaplan J: CSAGI General Resolutions: Rome: Oct 1954

USNC Member Files: Kaplan J: USNC-IGY Participants at Rome Meeting: List: Aug 1954

USNC Member Files: Kaplan J: Statement of Waterman A to House Committee on Appropriations: 1 Jul 1954

USNC Member Files: Kaplan J: Memorandum Transmitting IGY Documents: 28 Jun 1954

USNC Member Files: Kaplan J: Memorandum from Waterman A to National Science Board: 24 Jun 1954

USNC Member Files: Kaplan J: Letter from Murphy R to Waterman A: 23 Jun 1954

USNC Member Files: Kaplan J: Letter from Waterman A to Murphy R: 15 Jun 1954

USNC Member Files: Kaplan J: Memorandum on USNC-IGY Budget: 9 Jun 1954

USNC Member Files: Kaplan J: Letter from Bugher J to Kaplan J: 8 Jun 1954

USNC Member Files: Kaplan J: Letters from Quarles D to Hughes R: May 1954

USNC Member Files: Kaplan J: Memorandum on Department of Defense (DOD) Requirements for Establishing Three Scientific Stations in Antarctica: 20 May 1954

USNC Member Files: Kaplan J: Assistant Secretary of Defense Report on US Program for IGY: 19 May 1954

USNC Member Files: Kaplan J: Letter from Waterman A to Hughes R: 14 May 1954

USNC Member Files: Kaplan J: Correspondence between Adams S & Bronk D: Apr-May 1954

USNC Member Files: Kaplan J: Letters from US Agency Representatives: Apr-May 1954

USNC Member Files: Kaplan J: Program for NAS Symposium on Geophysics: 28 Apr 1954

USNC Member Files: Kaplan J: Letter from Strauss L to Belcher D on Support for IGY: 26 Apr 1954

USNC Member Files: Kaplan J: Memorandum from Assistant Secretary of Defense on Antarctic Expedition: 21 Apr 1954

USNC Member Files: Kaplan J: Letter from Murphy R to Waterman A on Support for IGY: 20 Apr 1954

USNC Member Files: Kaplan J: Letter from Quarles D to Hughes R: 16 Apr 1954

USNC Member Files: Kaplan J: Letter from Flemming A to Belcher D: 15 Apr 1954

USNC Member Files: Kaplan J: Attendees at USNC-IGY Meeting: 8 Apr 1954

USNC Member Files: Kaplan J: Letter from Waterman A to Dulles J F: 5 Apr 1954

USNC Member Files: Kaplan J: Letter from Bronk D to Dodge J: 31 Mar 1954

USNC Member Files: Kaplan J: Memorandum on CSAGI Document Outline: 29 Mar 1954

USNC Member Files: Kaplan J: Memorandum on USNC-IGY Budget Document: 26 Mar 1954

USNC Member Files: Kaplan J: Letter from Waterman A to Dodge J: 26 Mar 1954

USNC Member Files: Kaplan J: Letter from Weeks S to Bronk D: 23 Mar 1954

USNC Member Files: Kaplan J: Letter from Quarles D to Dodge J: 19 Mar 1954

USNC Member Files: Kaplan J: Letter from Belcher D to Waterman A: 5 Mar 1954

USNC Member Files: Kaplan J: CSAGI Members: List: Mar 1954

USNC Member Files: Kaplan J: Interdepartmental Committee on Scientific Research & Development: 40th Meeting: Minutes: 26 Feb 1954

USNC Member Files: Kaplan J: Letter from Waterman A to Dodge J: 26 Feb 1954

USNC Member Files: Kaplan J: Memorandum from Department of Defense (DOD) on Policy Council Considerations for IGY: 18 Feb 1954

USNC Member Files: Kaplan J: Memorandum on Various IGY Topics: 12 Feb 1954

USNC Member Files: Kaplan J: Memorandum on USNC-IGY Program Budget Document: 26 Jan 1954

USNC Member Files: Kaplan J: Letter from General Secretary CSAGI on Preparing National Reports: 15 Jan 1954

USNC Member Files: Kaplan J: Names & Addresses of Reporters: Jan 1954

USNC Member Files: Kaplan J: Memorandum on Budget: 23 Dec 1953

USNC Member Files: Kaplan J: Letter from Van Mieghem J to General Secretary
CSAGI: 27 Nov 1953

USNC Member Files: Kaplan J: National Science Foundation (NSF) Memorandum on
Third International Geophysical Year: 25 Nov 1953

USNC Member Files: Kaplan J: Letter from Rubey W to Waterman A on IGY
Recommendations: 23 Nov 1953

USNC Member Files: Kaplan J: Draft Resolutions Adopted by CSAGI: 30 Jun-3 Jul
1953

16.2 Porter R W

USNC Member Files: Porter R W: 16: 1955-1956

USNC Member Files: Porter R W: 16A: 1958

USNC Member Files: Porter R W: 16A: 1957

USNC Member Files: Porter R W: 16A: 1955-1956

USNC Member Files: Porter R W: 16A: Appropriations Committee: 1956-1958

USNC Member Files: Porter R W: 16A: Continuing Satellite Program: 1956-1957

USNC Member Files: Porter R W: 16A: Lunar Probes: 1958

USNC Member Files: Porter R W: 16A: Preliminary USNC-IGY Earth Satellite Program
& Budget by Project: 30 Nov 1956

USNC Member Files: Porter R W: 16A: Technical Panel on Earth Satellite Program
(TPESP): Membership: 1955-1959

USNC Member Files: Porter R W: 16B: 1958

USNC Member Files: Porter R W: 16B: 1957

USNC Member Files: Porter R W: 16B: 1956

USNC Member Files: Porter R W: 16B: Basic Objectives of Continuing Program of
Scientific Research in Outer Space: 9 Dec 1957

USNC Member Files: Porter R W: 16B: Space Experiment Program Draft: 6 Feb 1958

USNC Member Files: Porter R W: 16B: Vanguard Science Program Master Plan: Nov
1956

USNC Member Files: Porter R W: 16C: Tracking & Computation: 1958

USNC Member Files: Porter R W: 16C: Tracking & Computation: 1957

USNC Member Files: Porter R W: 16C: Tracking & Computation: 1956

USNC Member Files: Porter R W: 16C: Tracking & Computation: Conferences: 1956-1958

USNC Member Files: Porter R W: 16C: Tracking & Computation: International Cooperation: 1956-1957

USNC Member Files: Porter R W: 16C: Tracking & Computation: Project Reports: 1957-1958

USNC Member Files: Porter R W: 16C: Tracking & Computation: Smithsonian Astrophysical Observatory Bulletin for Visual Observers of Satellites: 1-9: 1956-1958

USNC Member Files: Porter R W: 16C: Tracking & Computation: USSR Satellites: 1957-1958

USNC Member Files: Porter R W: 16D: 1956-1958

USNC Member Files: Porter R W: 16D: Appropriations Committee: 1955-1958

USNC Member Files: Porter R W: 16D: International Cooperation: 1965-1958

USNC Member Files: Porter R W: 16D: Post-IGY: 1958

USNC Member Files: Porter R W: 16D: Program Status Reports: Jun 1958

USNC Member Files: Porter R W: 16D: USSR Activities: 1956-1957

USNC Member Files: Porter R W: 16E: CSAGI Conference on Rockets & Satellites: Washington: 30 Sept-5 Oct 1957

USNC Member Files: Porter R W: 16E: CSAGI Conference on Rockets & Satellites: Washington: Longhand Notes: 30 Sept-5 Oct 1957

USNC Member Files: Porter R W: 16F: USSR Satellites: 1957-1958

USNC Member Files: Porter R W: 16G: 1957-1958

USNC Member Files: Porter R W: 16H: Working Group on Satellite Ionospheric Measurements: 1957-1958

USNC Member Files: Porter R W: 16I: Symposium on Possible Uses of Earth Satellites for Life Sciences Experiments: 1958

USNC Member Files: Porter R W: 16J: 1958

USNC Member Files: Porter R W: 16K: 1958

USNC Member Files: Porter R W: Symposium on Project Argus Results: 29 Apr 1959

USNC Member Files: Porter R W: Technical Panel on Earth Satellite Program: 1959-1960

USNC Member Files: Porter R W: Technical Panel on Earth Satellite Program: 1958-1959

USNC Member Files: Porter R W: General: 1955-1959

16.3 Smith W

USNC Member Files: Smith W: Seismology: 1956

USNC Member Files: Smith W: Solar Activity: 1956

USNC Member Files: Smith W: World Days: 1956

USNC Member Files: Smith W: Rocketry: 1956

USNC Member Files: Smith W: Meteorology: 1956

USNC Member Files: Smith W: Oceanography: 1956

USNC Member Files: Smith W: General: 1957

16.4 Newell H E

USNC Member Files: Newell H E: IGY Annals: 1958-1960

USNC Member Files: Newell H E: Technical Panel on World Days: 1958

USNC Member Files: Newell H E: SCIGY (Special Committee for IGY): Correspondence: 1958-1959

USNC Member Files: Newell H E: CSAGI Reports: 1957-1959

USNC Member Files: Newell H E: CSAGI: Assemblies: Fifth: Moscow: 1958

USNC Member Files: Newell H E: CSAGI: Correspondence: 1958-1959

USNC Member Files: Newell H E: IGC-59: 1958-1959

USNC Member Files: Newell H E: Technical Panel on Rocketry: Meetings: 1955-1958

USNC Member Files: Newell H E: Technical Panel on Rocketry: Correspondence: 1957-1959

USNC Member Files: Newell H E: USNC-IGY: Correspondence: 1954-1959

USNC Member Files: Newell H E: Technical Panel on Earth Satellite Program: Correspondence: 1956-1959

USNC Member Files: Newell H E: Technical Panel on Earth Satellite Program: Meetings: 1959

USNC Member Files: Newell H E: Technical Panel on Earth Satellite Program: Meetings: Notes: 1955-1956

USNC Member Files: Newell H E: Technical Panel on Earth Satellite Program: Meetings: Notes: 1957-1959

USNC Member Files: Newell H E: Technical Panel on Earth Satellite Program: Meetings: Eleventh: 1 May 1957

16.5 Shapley A H

USNC Member Files: Shapley A H: USNC-IGY Staff & Diary Notes: 1954-1956

USNC Member Files: Shapley A H: Meetings Symposia & Papers Given: 1955-1956

USNC Member Files: Shapley A H: Budget Documents & Materials: 1955-1956

USNC Member Files: Shapley A H: Data Processing: 1955-1965

USNC Member Files: Shapley A H: Ionospheric Physics: 1955-1956

USNC Member Files: Shapley A H: Rocketry: 1955

USNC Member Files: Shapley A H: Solar Activities: 1954-1956

USNC Member Files: Shapley A H: World Days: 1955-1956

USNC Member Files: Shapley A H: USNC-IGY Executive Committee: 1954-1955

USNC Member Files: Shapley A H: Technical Panels: Meetings: First: Minutes: 1954-1955

USNC Member Files: Shapley A H: Technical Panels: Meetings: Second: Minutes: 1954-1955

USNC Member Files: Shapley A H: Technical Panels: Meetings: Third: Minutes: 1955

USNC Member Files: Shapley A H: Technical Panels: Meetings: Fourth: Minutes: 1955

USNC Member Files: Shapley A H: Technical Panels: Meetings: Fifth: Minutes: 1955

USNC Member Files: Shapley A H: Technical Panels: Meetings: Sixth: Minutes: 1955

USNC Member Files: Shapley A H: Department of Defense: 1955

USNC Member Files: Shapley A H: National Bureau of Standards (NBS):
Correspondence: 1955-1959

USNC Member Files: Shapley A H: National Science Foundation (NSF): Allocation
Requests: 1955

16.6 Odishaw H

USNC Member Files: Odishaw H: Jun-Dec 1955

USNC Member Files: Odishaw H: Nov 1954-May 1955