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Keneth A. Simons Papers, circa 1957-1958

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Collection Overview

Repository:	Smithsonian Institution Archives, Washington, D.C., osiaref@si.edu
Title:	Keneth A. Simons Papers
Identifier:	Accession 10-004
Date:	circa 1957-1958
Extent:	0.58 cu. ft. (1 tall document box)
Creator::	Simons, Keneth A.
Language:	Language of Materials: English

Administrative Information

Preferred Citation

Smithsonian Institution Archives, Accession 10-004, Keneth A. Simons Papers

Historical Note

Keneth A. Simons (March 10, 1913-June 14, 2004), ham radio operator and cable television and radio engineer worked for Bell Telephone Laboratories and later was a founding employee of Jerrold Electronics Corporation. In 1957, he became involved in the Bryn Athyn Moonwatch Team as a radio engineer. Moonwatch teams were established around the world by the Smithsonian Astrophysical Observatory, Moonwatch Division, 1956-1975, to track and photograph artificial satellites. The Bryn Athyn Moonwatch Team was relatively unique in that it combined the use of radios and telescopes to track satellites. Simons was primarily involved in Doppler tracking the Sputnik satellites.

Descriptive Entry

This accession consists of records created and maintained by Simons documenting his participation on the Moonwatch Team and the local publicity he received. Materials include a report on the Team's work, clippings, instructions for tracking satellites, tracking data, and audio recordings of satellites.

Names and Subject Terms

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

Subjects:

Amateur radio stations

Artificial satellites -- Doppler tracking
Artificial satellites -- Tracking
Cable television
Radio engineers
Sputnik satellites

Types of Materials:

Audiotapes
Clippings
Manuscripts

Names:

Bell Telephone Laboratories
Bryn Athyn Moonwatch Team
Jerrold Electronics Corporation
Simons, Keneth A.
Smithsonian Astrophysical Observatory. Moonwatch Division

Geographic Names:

Bryn Athyn (Pa.)

Container Listing

Box 1

- Box 1 of 1 Tracking Sputnik with the Bryn Athyn Moonwatchers - Report and Figures by Ken Simons, Research Engineer, Jerrold Electronics Corporation
- Box 1 of 1 Modified Orbital Elements for Earth Satellite 1958-B2 - Forms
- Box 1 of 1 Simplified Satellite Prediction from Modified Orbital Elements - National Academy of Sciences and the National Research Council, Draft, August 29, 1958
- Box 1 of 1 Volunteer International Geophysical Year Satellite Tracking Program - Instructions, October 1958
- Box 1 of 1 Bryn Athyn Moonwatch Team Newspaper Clippings, 1957
- Box 1 of 1 Audio Recordings of Sputnik Satellites, 1/4" audiotape (2 reels)
- Box 1 of 1 "Voices of the Satellites: Authentic 'Live' Recording of Radio Signals from Man's First Five Satellites," Recorded by Professor Thomas A. Benham from the Campus of Haverford College, 1/4" audiotape
- Box 1 of 1 Doppler Curve Correspondence, 1957 (Accession 10-097)
- Box 1 of 1 Participation Recognition (Accession 10-097)
- Box 1 of 1 Bryn Athyn Moonwatch Team - Local Newspaper Clippings, 1957-1958 (Accession 10-097)
- Box 1 of 1 Institute of Radio Engineers, Philadelphia Section, "Almanack," February 1958 (Accession 10-097)