



Smithsonian
National Museum of American History
Kenneth E. Behring Center

National Bureau of Standards Radio Collection

NMAH.AC.0217

Don Darroch

1986

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Collection Overview

Repository:	Archives Center, National Museum of American History
Title:	National Bureau of Standards Radio Collection
Identifier:	NMAH.AC.0217
Date:	circa 1917-1933
Extent:	0.15 Cubic feet (1 box)
Creator:	United States. National Bureau of Standards
Language:	English Collection is in English.
Summary:	Documents relating to early development of radio aids to aerial navigation, mostly on behalf of the U.S. military services.

Administrative Information

Acquisition Information

Collection donated by National Bureau of Standards, through R. Kamper, and Boulder Laboratories, July 30, 1986.

Other Finding Aids

Inventory available; contact the Archives Center for more information.

Processing Information

Collection processed by Don Darroch, 1986

Preferred Citation

National Bureau of Standards Radio Collection, 1917-1933, Archives Center, National Museum of American History.

Restrictions

Collection is open for research.

Conditions Governing Use

Collection items available for reproduction, but the Archives Center makes no guarantees concerning copyright restrictions. Other intellectual property rights may apply. Archives Center cost-recovery and use fees may apply when requesting reproductions.

Biographical / Historical

This material describes developments related to the National Bureau of Standards work in radio technology in its early days. It relates to specific projects (some classified) involving aerial navigation equipment and other electrical instrumentation. It was identified by Mr. Wilbert F. Snyder who was engaged in writing a history of radio work conducted by the National Bureau of Standards entitled "Achievement in Radio" and who had access to the N3S files on this work. Most of the material he reviewed was sent to the National Archives and the present collection represents the residual.

Scope and Contents

Documents relating to early development of radio aids to aerial navigation, mostly on behalf of the U.S. military services.

Names and Subject Terms

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

Types of Materials:

Letters (correspondence) -- 1900-1950

Names:

Snyder, Wilbert F.

United States. National Bureau of Standards

Container Listing

- Box 1 1920 NBS report on a system for remote control of an airplane by radio (classified).
- Box 1 1920 letter to NBS on the newly-developed Braun radio tube and an instruction manual for use of an oscillograph tube, dated 1922.
- Box 1 Various NBS instructions (1933) for operating radio landing systems at Newark Airport.
- Box 1 1928 War Department report on "Radio Beacons for Atlantic Flights".
- Box 1 NBS report (1924?) to the U.S. Coast and Geodetic Survey on radio acoustic ranging.
- Box 1 NRS 1934 data on a radio device called a "Thermoformer".
- Box 1 Specifications and letter (1924) on a high-frequency voltmeter.
- Box 1 U.S. Army Signal Corps reports (1917-1918) on vacuum tubes and their performance