

Accession No.: 95-11

**PROCESSING RECORD**  
**SCRIPPS INSTITUTION OF OCEANOGRAPHY ARCHIVES**

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Dietz, Robert Sinclair 1914-1995

Robert Sinclair Dietz Papers, 1905-1994

PHYSICAL DESCRIPTION: 27 1/2 mss, 1 shoe box

DESCRIPTION: The accession includes correspondence, manuscripts of scientific papers, photographs, subject files, reprints, newspaper clippings and other material documenting the career of geologist Robert S. Dietz. The papers include material documenting Dietz's graduate study with Francis P. Shepard and his work with Shepard and fellow graduate student Kenneth O. Emery at the Scripps Institution of Oceanography during the 1930's. The collection includes files on Dietz's work as a civilian scientist with the Navy, including his work at the Naval Electronics Laboratory in San Diego (1946-1958) The collection includes material describing Dietz's work with Jacques Piccard on the bathyscaph TRIESTE during the years 1956-1961. The collection includes full documentation of Dietz's scientific research, including files on his study of the Sudbury Basin, astroblemes and meteoric impacts. The files contain documentation of Dietz's oceanographic research, including his interests in continental margins, ocean basins, plate tectonics, tsunamis and the sea floor. The papers include a small quantity of material on Arctic and Antarctic research and expeditions, including one file on Operation Highjump. The collection includes files documenting Dietz's confrontations with creationists over the age of the earth, scientific education and other topics. Dietz's contacts with creationists, which began in the 1980's, led to the publication of his 1987 book, *Creation/Evolution Satiricon: Creationism Bashed*. Includes photographs & audiorecordings.

**ARRANGEMENT:** The collection consists of nine cubic feet of files organized into series: Subject Series; Dietz Writings; Papers by Others; Stenographic Notebooks; Bible; Media.

Most of the collection was received in pamphlet boxes labeled in Dietz's hand with subject headings. This material was organized into the series now identified as the Subject Series. While there were some file folders with the pamphlet boxes, much of the material in these boxes was loose. There were two pamphlet boxes labeled "Correspondence." Additional correspondence was found in a series of three-ring binders labeled by year. This material was integrated into one chronological subseries within the Subject Series. Two pamphlet boxes were labeled "Archive." These contained material documenting Robert S. Dietz's education and career. The materials in these boxes are now identified as the "RSD" Dietz files within the Subject Series.

There is some overlap among series. For instance, while almost all of Dietz's writings are arranged in the Dietz Writings series, manuscripts for *Seven Miles Down* are filed among the *Trieste* files in the Subject Files series. Drafts of Dietz and Holden monograph *Creation/Evolution Satiricon: Creationism Bashed* are filed in the Subject Files under the heading "Satiricon." While a substantial amount of correspondence is arranged chronologically in the Subject Files, correspondence can be found throughout the collection.

The Dietz files include information on Soviet oceanography. This information is dispersed throughout the files. Dietz published several papers on Soviet oceanography, and manuscripts and background notes for these papers can be found in the Dietz writings series. Dietz's notes and photographs taken on his several cold war era visits to Soviet oceanographic laboratories can be found among the reports of the Naval Electronics Laboratory in the Dietz writings series and in the series of RSD files in the Subject Files series.

## **SUBJECT SERIES**

The Subject Series include material on creationism, continental drift, geomorphology, Meteor Crater, Sudbury, meteoric impacts, plate tectonics, *Trieste*, and Trou San Fond Submarine Canyon in Ivory Coast. The files include a few file folders on Project Mohole and two file folders on Dietz's teacher Francis P. Shepard.

The subject files include almost a foot of files documenting the career of Robert S. Dietz. These include copies of Dietz's bibliography, biographies published in his lifetime, photographs, awards, degrees and honors, and newspaper clippings documenting his career. This section of the subject files also includes Dietz's military personnel file (201 File) documenting his service in the U.S. Army and the U.S. Navy.

The subject files include almost a foot of material documenting the bathyscaph *Trieste*. This material includes correspondence, reports, photographs, and manuscripts for the book *Seven Miles Down: The Story of the Bathyscaph Trieste*. (New York: Putnam, 1961). The *Trieste* files include a number of dictaphone belts, recordings of dictation made by Jacques Piccard, Robert Dietz, Andreas Rechnitzer, and others. Some of these recordings are dictations of manuscript drafts, correspondence, and memoranda. Others are commentaries on *Trieste* dives. The dictaphone belts were remastered to audiocassette tapes in 2000 and the recordings related to *Trieste* were transcribed. The transcripts are located in the subject files; the dictabelts and audiotapes are located in boxes 14 and 30 of the collection.

The Sudbury file measures more than one foot and includes memos, correspondence, data, maps, illustrations, references, and other material documenting Dietz's observations and research on Sudbury Basin, Ontario, Canada, which Dietz believed was a meteoric impact crater. Additional material on meteoric impacts can be found in the Meteor Crater subject file, the file on USSR and Poland meteoritics, and in the file labeled "K/T Boundary." Dietz wrote many articles on meteor impacts. The files containing those articles in the Dietz writings series often include data, photographs, correspondence, and other background information on a particular site,

gathered for the purpose of writing the article.

### **DIETZ WRITINGS SERIES**

The collection included Rival File boxes which contained original manuscripts and reprints of Dietz's publications. These were organized chronologically or by reprint number and were organized into a series now called the Dietz Writings series. This series consists largely of original typescripts and reprints of Dietz's publications. Many of these are listed in his bibliography. However, the Dietz writings series includes book reviews, speeches, encyclopedia articles, rebuttals, letters to the editor, and articles written for the popular press which are not included in his bibliography. Folders in this series include the final publication, often in the form of a signed and annotated reprint. Some folders also include typescripts, drafts, outlines and manuscripts of lectures and speeches, correspondence with publishers and journal editors, original illustrations and line drawings, book reviews written by Dietz, and published photographs. This series includes some papers that were never published. For example, the series includes manuscripts for a book written by Dietz in 1970 entitled *Realms of the Sea*, which was never published.

### **PAPERS BY OTHERS SERIES**

The Papers by Others series includes Dietz's lists of reading material and bibliographies, card files and lists of references, manuscripts and reprints of articles written by others that were sent to him for review, and other material representing the work of colleagues.

### **STENOGRAPHIC NOTEBOOKS SERIES**

Dietz kept spiral bound notebooks, often stenographic notebooks, to record observations or thoughts. These have been gathered together in one series. The notebooks include reading notes, notes taken at scientific meetings or during field trips, and notebooks on specific subjects. The series includes, for instance, notebooks on petrified wood, which document Dietz's successful efforts in 1988 to get petrified wood designated as the state fossil for Arizona.

### **BIBLE SERIES**

The Dietz Papers included many books that have been separated and added to the general collection of the UCSD Library. However, one book, a Bible, was heavily annotated and included a great deal of marginalia in Dietz's hand. The annotations and marginalia suggest that the Bible was used in connection with Dietz's interest in creationism.

### **MEDIA SERIES**

Audiovisual materials

**RELATED COLLECTIONS:** The Francis Parker Shepard Papers at the SIO Archives include

material documenting Dietz's years as a graduate student at the University of Illinois and at the Scripps Institution of Oceanography. The Shepard Papers also include correspondence exchanged by Shepard and Dietz throughout Shepard's life. The Henry William Menard Papers at the SIO Archives include letters exchanged by Dietz and Menard during the 1950s and 1960s when they worked together first at the Naval Electronics Laboratory at San Diego and later at the Scripps Institution of Oceanography. Menard's book *The Ocean of Truth: A Personal History of Global Tectonics* (Princeton, NJ: Princeton University Press, c1986) discusses Dietz's contribution to plate tectonics.

PROVENANCE: The Robert Sinclair Dietz Papers were received in two accessions. Dietz donated two boxes of material to SIO Archives through a deed of gift signed June 22, 1988. The remaining papers were donated to the SIO Archives by the Dietz family through a deed of gift signed December 18, 1996. All of the papers of Robert S. Dietz were originally kept at his home in Tempe, Arizona, and his office at Arizona State University.

**Robert Sinclair Dietz  
Papers, 1905-1994  
Accession No. 95-11**

**Box    Folder    Folder Title**

**SUBJECT SERIES**

1	1	Ark-93 Geotimes Dietz Commentary for Geotimes, October 1993
	2	Arizona State University Geology Colloquium, October 13, 1993
	3	Correspondence, 1985-1994
	4	Notes, 1993
		References
	5	1974-1990
	6	1993-1994
	7	Misobula, 1993
		Beaverhead and Dino Demise Astronomy 7/91
	8	n.d.
	9	1982, 1988, 1989
	10	1990
	11	1991
		CIE (International Conference on Creationism) Pittsburgh, 1990
	12	
	13	Pittsburgh, 1990 (References)

**Box**   **Folder**   **Folder Title**

SUBJECT SERIES (cont.)

RSD Correspondence

Correspondence/ Miscellaneous Letters

2	1	n.d.
	2	1939-1959
	3	1960-1962
	4	1963-1969
	5	1970-1971
	6	1972-1974
	7	1975-1979
	8	1980
	9	1981-1987
	10	1988
	11	1989
	12	1990-1991
	13	1992
	14	1993
	15	1994
3	1	1995
	2	Dessicated Mediterranean References, 1958-1991

**Box**   **Folder**   **Folder Title**

SUBJECT SERIES (cont.)

3	3	Dessicated Mediterranean (cont.) 1973-1989
	4	Dietz, Robert S. Liberal Arts and Sciences Award, 1992 [University of Illinois College of Liberal Arts and Sciences Alumni Achievement Award presented to Robert S. Dietz, October 1992]
	5	Bibliography n.d.
	6	1972-1978
	7	Biography
	8	Dietz Family Genealogy, 1961-1985
	9	Curriculum Vitae
	10	Photographs of Robert S. Dietz, 1938-1988
	11	RSD Photographs, 1955-1964
	12	Robert S. Dietz Fingerprints, n.d.
	13	History of Earth Science Reprints
	14	Honors and Awards 1936-1969
	15	1970-1994
4	1	AGU, 1988, Penrose Medal-Geological Society of America
	2	Honorary Doctorate, Arizona State University, 13 May 1988
	3	Insignia, American Institute of Petroleum Geologists, n.d.
	4	Dietz Bluff in Antarctica

**Box Folder Folder Title**

SUBJECT SERIES (cont.)

4	5	Dietz, Robert S. (cont.) Northern Colorado University, Asteroid Dietz 4666, 1993
	6	Newspaper Clippings n.d.
	7	1938-1959
	8	1960-1965
	9	1966-1969
	10	1970-1979
	11	1981-1990
	12	Press Releases and Publicity, 1964-1990
	13	Saturday Evening Post, 1960-1961
	14	25b2 Dietz-2, 1963-1974
	15	25b Personnel Records, 1967-1971
		25b1 Correspondence
5	1	1968-1970
	2	1971-1973
		Military Records
	3	Short 201 File, 1936-1967
	4	201 [Certificates and Photographs], 1946-1961
	5	U.S. Army, 1942
	6	U.S. Navy, 1941-1960
	7	1941-1944



**Box**   **Folder**   **Folder Title**

SUBJECT SERIES (cont.)

Dietz, Robert S. (cont.)

5	8	Military Records (cont.) 1945-1960
	9	1961-1967
	10	AOML 201 1963-1975
	11	1976
	12	University of Illinois, 1936-1937
	13	Master's Degree, University of Illinois, 1939
	14	Positions, 1960-1961
	15	Arizona State University Geological Museum, 1987-1990
	16	Ron Ecker, INDAH '93 Manuscript of Ron Ecker, "The Evolutionary Tales," 1992
	17	Manuscript of Ron Ecker, "The Evolutionary Tales," 1992, notes
6	1	Correspondence, Notes, Reprints on Evolution-Creation Controversy, 1984-1992
	2	Egg/Calculus, 1980-1983
	3	Hudson Bay and Arctic Ocean Arctic Ocean, 1956-1959
	4	Arctic Reprints, 1954-1956
	5	Triton, 1968-1969
	6	Arctic MS Notes, ["Arctic Basin Geomorphology"], 1959-1960
	7	"Arctic Basin Geomorphology," 1961

**Box**   **Folder**   **Folder Title**

SUBJECT SERIES (cont.)

6	8	Hudson Bay and Arctic Ocean (cont.) Hudson Bay and Arctic Ocean, 1958-1959
	9	Hudson Bay, Nastapoka Arc, August 11-22, 1972
	10	Track across Arctic Ocean, Original
	11	Humor, n.d.
		Keepsakes
	12	Japan, 1953
	13	Newspaper Clippings, 1950-1960
	14	1940-1963
	15	Operation HIGHJUMP, Navy/Byrd Antarctic Expedition, 1946-1947
	16	Photos and Keepsakes, 1941-1986
		Meteor Crater
	17	Notebooks, 1964-1965
	18	References, 1905-1969
	19	Composite Bibliography of Literature on Barringer Meteor Crater, Dietz, May 1969
	20	Nomination of Dr. Barringer to receive Leonard Medal, September 27, 1968
7	1	Barringer Crater Company, 1961-1962
		Correspondence with Barringer Crater Company
	2	1963
	3	1964
	4	1965

**Box**   **Folder**   **Folder Title**

SUBJECT SERIES (cont.)

Meteor Crater (cont.)

		Correspondence with Barringer Crater Company (cont.)
7	5	1966
	6	1971
	7	1972
	8	1973
	9	1974
	10	1975
	11	Correspondence, Barringer, 1992
	12	Illustrations
		Miscellaneous
	13	30th Annual Meeting, Arizona-Nevada Academy of Sciences, April 19, 1986
	14	30th International Geological Congress, Beijing, 4-14 August, 1996
	15	Earthquakes, 1985-1986
	16	Ocean Material (Photos, Illustrations) 1956-1968
		Mohole Project
	17	1960-1989
8	1	Newspaper Clippings, 1961-1968
	2	Historical Note, 1962, 1989
	3	Monsters, 1970-1972
	4	Nekton, Inc., 1956-1984

**Box**   **Folder**   **Folder Title**

SUBJECT SERIES (cont.)

Box	Folder	Folder Title
		NEXXUS
8	5	Reprints, 1973-1989
	6	Photographs
	7	Correspondence, 1982, 1987
	8	Notes
	9	Newspaper Clipping, 1986
	10	New York, n.d.
	11	“Oceanography in the USSR,” 1959-1965
		Plate Tectonics Holden Diagrams
	12	Plate Tectonics Holden Diagrams
	13	“Ocean Basin Evolution by Sea Floor Spreading,” Journal of the Oceanographic Society of Japan 1962, Original Figures and Negatives
	14	“Collapsing Continental Rises: An Actualistic Concept of Geosynclines and Mountain Building,” Journal of Geology 1963, Original Figures and Negatives
	15	Photographs, Negs, Echos, Not of Illustrations, No Drawing
	16	Sea Mounts (and general geomorphology)
	17	Misc., Unpublished, etc.
9	1	Wave Base; Built, Bulletin Geological Society of America 74, 1963
	2	Texas A&M Talk on Continental Drift
		Quake Information
	3	n.d.-1974

**Box**   **Folder**   **Folder Title**

SUBJECT SERIES (cont.)

9	4	Quake Information (cont.) 1985
	5	1987-1989
	6	1990-1992
		Satiricon
	7	Sketches and Cartoons, n.d.
	8	Creation/Evolution Old Notes Save! (Culled 6/67)
	9	Outline, Notes
	10	Notes
	11	Correspondence, 1987
	12	Names, Bumper Stickers
		Typescript
	13	September 1984
	14	October 1984
	15	November 1984
	16	February 1985
		Francis P. Shepard
	17	1985-1986
	18	1985-1993
	19	[Treatises] Sudbury, 1962-1965, 1987
		Sudbury and (CBE)
	20	Notes, n.d

Box	Folder	Folder Title
		SUBJECT SERIES (cont.)
		Sudbury and (CBE) (cont.)
		References
10	1	n.d.
	2	1933-1963
	3	1964-1970
	4	1971-1972
	5	1973-1979
	6	1980-1985
	7	1986-1987
	8	1988-1990
	9	1991-1992
	10	Manuscript, n.d.
	11	1962-1963
		Correspondence
	12	1970-1971
	13	1988-1990
11	1	1991-1992
		Sudbury
	2	Illustrations
		Photos
	3	n.d.
	4	1962

Box	Folder	Folder Title
		SUBJECT SERIES (cont.)
		Sudbury (cont.)
11	5	Photos (cont.) Negatives
	6	Transparencies
	7	Lunar and Planetary Institute, n.d.
	8	Dietz, "Are We Mining an Asteriod," Manuscript, January 1991
	9	Conference on Large Meteorite Impacts, August 1992
	10	Field Trip to Sudbury Basin, August 29-30, 1992
	11	Impact Sites with Projection Remains, 16 June 1992, Arizona State University Disk
	12	Hadyn Butler, "The Sudbury Multi-Ring Impact Structure," Manuscript, n.d.
	13	B. Milkereit and A. Green, "Geometry of the Sudbury Structure from High-Resolution Seismic Reflection Profiling," Manuscript, c1992
	14	1997, Large Meteoric Impacts and Planetary Evolution, September 1-3, 1997, Sudbury, Ontario
		Trieste
	15	Notes, n.d.
	16	Notes on Jacques Piccard, n.d.
	17	Photographs, c1958
	18	1960 B.S., Reports, Memoranda, Correspondence, September 1956-July 1960
	19	Reports, Proposals, and Background Information 1954-1956

Box	Folder	Folder Title
		SUBJECT SERIES (cont.)
		Trieste (cont.)
11	20	Reports, Proposals and Background Information (cont.) 1957
	21	1958-1960
	22	Hudson Laboratories Bathyscaph Program 1957: Correspondence and Preliminary Reports, 1957
	23	Account and Paper on Dives off Capri, n.d.-1959
	24	Diving Notes: Commentary on Dives of the <i>Trieste</i> , 1961
	25	“Le Bathyscaph et les Plongees Effectuees avec la <i>Trieste</i> ,” “Le Bathyscaph et les Plongees du <i>Trieste</i> , 1953-1957,” 1958
		Project Nekton
	26	General Project Information, Itineraries, Project Reports, October 1959- February 1960
	27	Tape Transcriptions, November 1959- March 1960
12	1	The Big Dive: Accounts by Piccard, Walsh, and Dietz, Official Reports, 1959-1960
	2	Letters (Italy) Bathyscaph, August 1955-August 1960
		Correspondence
	3	November 1959-November 1960
	4	January 1961-December 1962
29	1L	Neptune, Correspondence, 1959-September 1961
12	5	News clippings, 1957-1962
	6	Bathynauts of the Sea, January 1959-October 1962
	7	The <i>Trieste</i> in San Diego, March-December 1959



Box	Folder	Folder Title
		SUBJECT SERIES (cont.)
		Trieste (cont.)
29	2L	The <i>Trieste</i> in San Diego, March-December 1959
12	8	Bathyscaph Correspondence, San Diego, 1959
		Seven Miles Down
		Drafts
9		Chapters 3 and 5, n.d.
10		Chapters 7-9, n.d.
11		Chapters 10-11, n.d.
		Edited Copy, 1960
12		Chapters I-V
13		Chapters VI-IX
14		Chapter X-Appendices
15		Notes and Correspondence, June 1960-February 1961
		Revised Copy
16		Captions-Chapter II
17		Chapters III-IV
18		Negative: J. and A. Piccard, n.d.
19		Negatives, Russian Diving (?) Vehicle, n.d.
13	1	Photos: Echo Sound Traces Showing Illusion of <i>Trieste</i> Landing on the Bottom (Copy of Actual Trace Included)
	2	“Oceanographic Observations of the Bathyscaph <i>Trieste</i> (1953-1956),” Jacques Piccard, Robert S. Dietz
	3	Nekton (Photographs, n.d.)
	4	French Bathyscaph Photos, Kuril Trench

Box	Folder	Folder Title
		SUBJECT SERIES (cont.)
		Trieste (cont.)
13	5	Bathyscaph Bottom Photos, L2592- San Diego Trough- Sable Fish M963 and 964, Pic.-Rec. 18,000 ft. Dive Project Nekton
29	3L	Bathyscaph of the Sea, January 1959- October 1962
13	6	“Bathyscaphs and Other Deep Submersibles for Oceanographic Research,” Report, Designs and Photographs
		Dives of the Bathyscaph Trieste, 1958-1963: Transcriptions of sixty-one dictabelt recordings in the Robert Sinclair Dietz Papers, 1954-1986
	7	Pages 1-74
	8	Pages 75-136
	9	25th Anniversary of the <i>Trieste</i> Deep Dive, 1985
		Trou Sans Fond Submarine Canyon
	10	Correspondence, 1968
	11	Data, 1968
	12	Manuscripts
	13	References, n.d.
	14	Translations, 1958
		USSR Meteoritics and Poland
	15	References, 1973-1979
	16	Correspondence, n.d.
	17	Zhamanshin File, 1978
	18	V.L. Masaytis, 1972-1978
		Dictabelts
14	1	(CD) Four Dictabelt Recordings c1959-1960

**Box Folder Folder Title**

SUBJECT SERIES (cont.)

Dictabelts (cont.)

14	2	The Big Dive to 37,800, Piccard Dictating, Tapes 1-5, n.d.
	3	The Big Dive, Comments on the "Big Dive" to complete Piccard's Description, n.d. [#6]
	4	On Big Dive, J.P. #2, 4 March, n.d. [#7]
	5	Dive to 37,000 Ft., #1, 14 Jan. 1960, [#8]
	6	Big Dive, Tape just before big dive from NGD-first part has pieces from Rex and Drew, Jan 1960, [#9-10]
	7	4 Dictabelts, n.d. [#11-14]
	8	Dive #61- J. Piccard and Dr. A. Rechnitzer, Depth of 18,000 Ft., Piccard Dictating, n.d. [#15-16]
	9	Dive #64- 24,000 Ft., Piccard, n.d. [#17-18]
	10	Dive Log, n.d. [#19-20]
	11	Dietz on the Bathysonde, n.d. [#21]
	12	From Piccard, 14 July 1960 [#22]
	13	Italian Dive, March 8, n.d. [#23-25]
	14	Italian Dive, n.d. [26-28]
	15	Italy Dive with Pollini, Piccard, 3 March, n.d. [#29]
	16	Piccard, 27 Feb, n.d. [#30-33]
	17	Piccard to Dietz, n.d. [#34]
	18	Piccard on Seepage of TRIESTE, n.d. [#35]
	19	Last Comments, May 27, 1960. [#36-40]

Box	Folder	Folder Title
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## SUBJECT SERIES (cont.)

## Dictabelts (cont.)

14	20	Neptune, n.d. [41-42]
	21	Newton, Piccard, 4 March, n.d. [#43]
	22	Phantom Bottom, R.D. 1, 2. 7 Dec. 1960 [#44-45]
	23	Rechnitzer on 19,000 Ft. Dive, n.d. [#46]
	24	San Diego Dives, Piccard, 3 March, n.d. [#47-49]
	25	Dietz on Dives of TRIESTE off San Diego, Sept. 1958-1959, [#50]
	26	Untitled, n.d. [#51-52]
	27	Untitled, n.d. [#53-55]
	28	Untitled, 25 May, n.d. [#56]
	29	Untitled, 26 May, n.d. [#57]
	30	Untitled, 4 July 1960 [#58-59]
	31	Untitled, 26 August 1962 [#60]
	32	San Diego Tech. Obs. Piccard #1, 4 March, n.d. [sample, #61]
	33	Big Dive Story, Piccard, 28 Feb., n.d. [#62-65]
	34	Captions, 11 May, n.d. [#66-67]
	35	Deep Ships of Tomorrow, Piccard, 20 July, n.d. [#68-69]
	36	Deep Ships of Tomorrow, 3 June 1960, [#70-74]
	37	Deep Ships, Piccard on Deep Ships, n.d. [#75-76]
	38	Difficult Years, Piccard, 12 July, n.d. [#77]

<b>Box</b>	<b>Folder</b>	<b>Folder Title</b>
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SUBJECT SERIES (cont.)

Dictabelts (cont.)

14	39	Difficult Years, 7 May, n.d. [#78]
	40	TRIESTE, The Difficult Year, n.d. [#79-82]
	41	Dives, 1953. Letter to Bob, [#83-84]
	42	Dietz on William Beebe's bathysphere, n.d. [#85]
	43	History of the TRIESTE, Dietz and Piccard, n.d. [#86-88]
	44	Lew of Prof. Henriquez, n.d. [#89]
	45	Letter IIV, [#90]
	46	Letter to A. Rechnitzer, J.D. Walsh, 15 July, Piccard [#91-92]
	47	Misadventure at Capri, Daily News, n.d. [#93-94]
	48	Piccard Tape, Dakar, 1948 (Chapter) [#95-96]
	49	Pictures for Book, Piccard, 8-9 August, n.d. [#97-99]
15	1	V.L. Masaytis, et.al, "The Popigay Meteorite Crater," March 1976
	2	P.V. Florinsky, 1979-1980

**DIETZ WRITINGS**

15	3	Papers by RSD, n.d.
	4	In Press, 1961-1963
	5	RSD Speeches, 1962-1974
		Papers
	6	1964-1969
	7	1970-1974

Box	Folder	Folder Title
		DIETZ WRITINGS (cont.)
15	8	"Meteorite Craters" n.d.
	9	"Notes for Berkeley Lecture," n.d.
	10	"Aerial Photographs in the Geological Study of Shore Features and Processes," <i>Photogrammetric Engineering</i> , p. 537-546
	11	"Down to the Sea in Ships," MSS, n.d.
	12	"Geological Oceanography," Manuscript, n.d.
	13	"Ocean Wide, Ocean Deep," Manuscript, n.d.
	14	"The Present State of Plate Tectonics," Manuscript, n.d.
	15	"Seeing the Ocean Floor," Submitted to <i>Scientific American</i> , n.d.
	16	"Swings of Sea Level," "Emperor Seamounts," "Submarine Canyons and Deep Sea Valleys," Typescript, n.d.
	17	With Freeland, G.L., "Plate Tectonics and Crustal Drift of the New Zealand Platform," (not published or dated)
	18	Photograph, n.d.
	19	Pictures, n.d.
	20	"Meteor Crater, Arizona" n.d.
	21	1938, "Basins of the Sea Floor of Southern California," Abstract, Program 1938 Geological Society of America Cordilleran Section... Stanford April 1-2, 1938
	22	With Shepard, F.P., and Grant, U.S., IV, 1939, "The Emergence of (Santa) Catalina Island," <i>American Journal of Science</i> 237, pp. 651-655
	23	With Shepard, F.P., and Revelle, R., 1939, "Ocean-bottom Currents off the California Coast," <i>Science</i> 89 (2317), pp. 488-489
	24	1941, "Clay Minerals in Recent Marine Sediments," University of Illinois, Urbana, Illinois (abstract of Ph.D. thesis)

<b>Box</b>	<b>Folder</b>	<b>Folder Title</b>
		DIETZ WRITINGS (cont.)
15	25	With Emery, K.O., and Shepard, F.P., 1942, "Phosphorite Deposits on the Sea Floor off Southern California," <i>Bulletin Geological Society of America</i> 53 (June 1), pp. 615-848
	26	1945, "The Small Mounds of the Gulf Coastal Plain," <i>Science</i> 102, no. 2658 (December 7, 1945), pp. 596-597
	27	1945, "The American Philosophical Society," <i>Science</i> 102, no. 2658 (December 7, 1945), pp. 596-597
	28	1946, "Geological Structures Possibly Related to Lunar Craters," <i>Popular Astronomy</i> 54, no. 9, pp. 1-3
16	1	1946, "The Meteoric Impact Origin of the Moon's Surface Features," <i>Journal of Geology</i> 54, no. 6 (November)
	2	1947, "Meteorite Impact Suggested by the Orientation of Shatter-cones at the Kentland, Indiana, Disturbance," <i>Science</i> 105, no. 2715
	3	1947, "Some Pacific Sea Floor Features," Abstract, Program 1947 Annual Meeting, Geological Society of America, Ottawa, December 29-31, 1947
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26	14	Substrata Acoustic Probe, 1951
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	25	A-D
27	1	E-H
	2	I-M
	3	N-R

Box	Folder	Folder Title
	4	S-Z
	5	Books/References, 1972-1994 <b>STENOGRAPHIC NOTEBOOKS</b>
		Notebooks
27	6	Notes, n.d.
	7	Cuba, n.d.
	8	International Geological Congress, n.d.
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	4	Satiricon and Creation/Evolution Notes, 1989 (May)
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	8	Proposals Peer Review, 1993

Box	Folder	Folder Title
	9	Nebraska, State Rock: Prairie Agate; State Gem: Blue Chalcedony; State Fossil: Mammoth, 1988

#### STENOGRAPHIC NOTEBOOKS (cont.)

		Petrified Wood
28	10	1958-1987
	11	1988
	12	1989-1994

#### BIBLE SERIES

	13	Dietz Bible Annotations [photocopies]
	14	Bible

#### MEDIA SERIES

**TITLE:** Dietz Dictabelts #1-5           30/1

**DATE:** January ?

**CREATOR/PRODUCER:** Robert Dietz

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**TITLE:** Dietz Dictabelts #6-10       30/3

**DATE:** n.d.

**CREATOR/PRODUCER:** Robert Dietz

**ORIGINAL FORMAT:** caljsioa\_aud005134 = Audio-cassette, time 00:56:23, two copies [Stored in Archives Media Audio-Cassettes Box 5]

**OTHER FORMAT:** caljsioa\_aud005134.mp3 = MP3 file, created from audiocassette, time 00:56:23

**DESCRIPTION:** Dives using the Trieste submersible. The following was taped on the audiocassette paper insert: (6) Comments on the "Big Dive" by Dr. R. Dietz to complete [Jacques] Piccard's description; (7) "On Big Dive, J.P. [Jacques Piccard] #2, 4 Mar."; (8) "Dive to 37,000 feet, #1, 14 Jan 60"; (9-10) "tape just before big dive from NGD—first part has pieces from Rex and Drew, Jan. 1960"

**Box Folder Folder Title****TITLE:** Dietz Dictabelts #11-14 30/5**DATE:** n.d.**CREATOR/PRODUCER:** Robert Dietz**ORIGINAL FORMAT:** caljsioa\_aud005135 = Audio-cassette, time 00:47:31, two copies [Stored in Archives Media Audio-Cassettes Box 5]**OTHER FORMAT:** caljsioa\_aud005135.mp3 = MP3 file, created from audiocassette, time 00:47:31**DESCRIPTION:** Dive using the Trieste submersible. The following was taped on the audiocassette paper insert: 11-14. "Dietz"**TITLE:** Dietz Dictabelts #15-18 30/7**DATE:** n.d.**CREATOR/PRODUCER:** Robert Dietz**ORIGINAL FORMAT:** caljsioa\_aud005136 = Audio-cassette, time 00:40:57, two copies [Stored in Archives Media Audio-Cassettes Box 5]**OTHER FORMAT:** caljsioa\_aud005136.mp3 = MP3 file, created from audiocassette, time 00:40:57**DESCRIPTION:** Dive using the Trieste submersible. The following was taped on the audiocassette paper insert: (15-16) "Dive #61—J. [Jacques] Piccard and Dr. A. Rechnitzer, Depth of 18,000 ft., [Jacques] Piccard dictating,"; (17-18) "Dive #64, 24,000 ft., [Jacques] Piccard, Tapes #1 and 2,"**TITLE:** Dietz Dictabelts #19-22 30/9**DATE:** July 1960**CREATOR/PRODUCER:** Robert Dietz**ORIGINAL FORMAT:** caljsioa\_aud005137 = Audiocassette tape, time 00:54:02, two copies [Stored in Archives Media Audio-Cassettes Box 5]**OTHER FORMAT:** caljsioa\_aud005137.mp3 = MP3 file, created from audiocassette, time 00:54:02**DESCRIPTION:** Dive using the Trieste submersible. The following was taped on the cassette paper insert: (19-20) "Dive Log,"; (21) "Dr. Dietz on the Bathysonde,"; (22) "From J.P., 14 July 1960"**TITLE:** Dietz Dictabelts #23-25 30/11**DATE:** n.d.**CREATOR/PRODUCER:** Robert Dietz**ORIGINAL FORMAT:** caljsioa\_aud005138 = Audiocassette tape, time 00:39:52, two copies, skips/repeats throughout the tape, actual recording of the dive starts at time 4:00. The first part was used to record a child singing, nothing to do with the dive [Stored in Archives Media Audio-Cassettes Box 5]**OTHER FORMAT:** caljsioa\_aud005138.mp3 = MP3 file, created from audiocassette, time 00:39:52, skips/repeats throughout the tape, actual recording of the dive starts at time 4:00. The first part was used to record a child singing, nothing to do with the dive.**DESCRIPTION:** Dive using the Trieste submersible. From cassette paper insert: 23-25 "Italian Dive, Dietz, Mar 8,"

**Box Folder Folder Title****TITLE:** Dietz Dictabelts #26-29 30/13**DATE:** n.d.**CREATOR/PRODUCER:** Robert Dietz**ORIGINAL FORMAT:** caljsioa\_aud005139 = Audiocassette tape, time 00:54:27, two copies [Stored in Archives Media Audio-Cassettes Box 5]**OTHER FORMAT:** caljsioa\_aud005139.mp3 = MP3 file, created from audiocassette, time 00:54:27**DESCRIPTION:** Dive using the Trieste submersible. The following was taped on the cassette paper insert: (26-28) "Italian Dive, Dietz,"; (29) "Italy Dive with Pollini, J.P. [Jacques Piccard] #5, 3 Mar,"**TITLE:** Dietz Dictabelts #30-35 30/15**DATE:** n.d.**CREATOR/PRODUCER:** Robert Dietz**ORIGINAL FORMAT:** caljsioa\_aud005140 = Audiocassette tape, time 01:24:29 [Stored in Archives Media Audio-Cassettes Box 5]**OTHER FORMAT:** caljsioa\_aud005140.mp3 = MP3 file, created from audiocassette, time 01:24:29**DESCRIPTION:** Dive using the Trieste submersible. The following was taped on the cassette paper insert: (30-33) "J.P. [Jacques Piccard], 27 Feb.,"; (34) "J.P. [Jacques Piccard] to B. [Robert] Dietz,"; (35) "J. [Jacques] Piccard on see page of TRIESTE,"**TITLE:** Dietz Dictabelts #36-40 30/17**DATE:** May 27, 1960**CREATOR/PRODUCER:** Robert Dietz**ORIGINAL FORMAT:** caljsioa\_aud005141 = Audiocassette tape, time 01:18:14, two copies [Stored in Archives Media Audio-Cassettes Box 5]**OTHER FORMAT:** caljsioa\_aud005141.mp3 = MP3 file, created from audiocassette, time 01:18:14**DESCRIPTION:** Dive using the Trieste submersible. The following information was taped on the cassette paper insert; 36-40. "Last Comments, 5-27-1960"**TITLE:** Dietz Dictabelts #41-45 30/19**DATE:** 1960**CREATOR/PRODUCER:** Robert Dietz**ORIGINAL FORMAT:** caljsioa\_aud005142 = Audiocassette tape, time 01:14:07, two copies [Stored in Archives Media Audio-Cassettes Box 5]**OTHER FORMAT:** caljsioa\_aud005142.mp3 = MP3 file, created from audiocassette, time 01:14:07**DESCRIPTION:** Dive using the Trieste submersible. The following was taped on the cassette paper insert: (41-42) "Neptune," n.d.; (43) "Newton, J.P., 4 Mar.," n.d.; (44-45) "Phantom Bottom, R.D., 7 Dec 60"

**Box Folder Folder Title****TITLE:** Dietz Dictabelts #46-50 30/21**DATE:** 1958-1959**ORIGINAL FORMAT:** caljsioa\_aud005143 = Audiocassette tape, time 01:11:40, two copies [Stored in Archives Media Audio-Cassettes Box 5]**OTHER FORMAT:** caljsioa\_aud005143.mp3 = MP3 file, created from audiocassette, time 01:11:40**DESCRIPTION:** Dive using the Trieste submersible. The following was taped on the cassette paper insert; (46) "Rechnitzer on 19,000 ft. Dive," n.d.; (47-49) "San Diego Dives, J.P., 3 Mar.," n.d.; (50. Dr. Dietz on dives of TRIESTE off San Diego, Sept. 1958-1959"**TITLE:** Dietz Dictabelts #51-55 30/23**DATE:** n.d.**CREATOR/PRODUCER:** Robert Dietz**ORIGINAL FORMAT:** caljsioa\_aud005144 = Audiocassette tape, time 01:59:39, two copies [Stored in Archives Media Audio-Cassettes Box 5]**OTHER FORMAT:** caljsioa\_aud005144.mp3 = MP3 file, created from audiocassette, time 01:59:39**DESCRIPTION:** Dive using the Trieste submersible. The following information was taped to the cassette paper insert; 51-55. Untitled, n.d.**TITLE:** Dietz Dictabelts #56-60 30/25**DATE:** 1962**CREATOR/PRODUCER:** Robert Dietz**ORIGINAL FORMAT:** caljsioa\_aud005145 = Audiocassette tape, time 01:06:34, two copies [Stored in Archives Media Audio-Cassettes Box 5]**OTHER FORMAT:** caljsioa\_aud005145.mp3 = MP3 file, created from audiocassette, time 01:06:34**DESCRIPTION:** Dive using the Trieste submersible. The following information was taped on the cassette paper insert: (56) Untitled, "25 May #1," n.d.; (57) Untitled, "26 May," n.d.; (58-59) Untitled, "7-4-60,"; (60) Untitled, "26 August 1962"**TITLE:** Dietz Collection Dictabelts 30/27**DATE:** 1959-1960**CREATOR/PRODUCER:** Robert Dietz**ORIGINAL FORMAT:** caljsioa\_aud005146 = Audiocassette tape, time 00:54:27, two copies [Stored in Archives Media Audio-Cassettes Box 5]**OTHER FORMAT:** caljsioa\_aud005146.mp3 = MP3 file, created from audiocassette, time 00:54:27**DESCRIPTION:** Dive using the Trieste submersible. The following information was taped on the cassette paper insert:

Tape labeled on side A: 1.) Big Dive 2.) 14 Jan 1960

Tape labeled on side B: "Sample" 1.) J.P. #1 2.) Neptune

Tape labeled on side B: "Sample" 1.) J.P. #1 2.) Neptune