

Accession No.:97-08

Scripps Institution of Oceanography Archives
Processing Record

Phillips, Richard Porter 1928-1991

Richard Porter Phillips Papers, 1964-1981

Physical Description: 13 mss, 1 Lmss, oversize maps & graphs

Description: The papers of geophysicist Richard Porter Phillips (1928-1991) are composed of three main series: travel files, records documenting Baja California gravity measurements, and records documenting the 1978 Batiquitos Lagoon Study of San Diego County. The travel files document personal and professional travel from 1975-1981. The Baja files document Phillips' gravity investigations in Baja, California, Mexico conducted from 1964 to 1978 with support from the National Science Foundation and the U.S. Army Corps of Engineers Army Map Service and in cooperation with the Universidad Autonoma de Baja California. These files include gravity data, altimetry, base station information, grant proposals and contracts, and maps and graphs. The Batiquitos Lagoon Study was an investigation of tidal aspects of the lagoon undertaken by Phillips and his associates at San Diego State University in 1978 under a contract with the County of San Diego. The accession also includes a small quantity of correspondence and a file on the estate of Joshua L. Baily, Jr. generated by Phillips as an officer of the San Diego Society of Natural History.

Coastal zone management California San Diego; Geophysics Mexico Baja California; Natural history California Batiquitos Lagoon ; Seismology Mexico; Tides California Batiquitos Lagoon; San Diego Society of Natural History; San Diego State University; Universidad Autónoma de Baja California

**Richard Porter Phillips
Papers, 1964-1981
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BOX	FOLDER TITLE
1L	Gravity Comp – Worden, 1966 Maps [Notes] Gravity Measurements
2	Directives, Org. etc [IUGG Working Group 10, 1975] Correspondence, 1974-1978 [San Diego Society of Natural History, Estate of Joshua L. Baily, Jr., 1981]
	TRAVEL SERIES
	Las Vegas, etc., 1975 Southern Oregon [NAS Geophysics Research Board, 1975] Grenoble, August 1975 Washington GSA, November 7, 1977 Arizona, 1977 May Washington DC, Jan. 1978 Toronto 1978 GSA Ontario, May 1978 Alaska, August 1978 Texas - Birds, 1978 KHS Pilgrimage, Apr. 1a-May 3, 1979 [Trip to Near East, Italy and England] GSA 1980, Atlanta Loreto, May 1980 IGC May 1980 Round the World, Summer 1980

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

3 Papua New Guinea, July 1980

Birds, Papua New Guinea

Ecuador, 1980

Route [Cross Country Trip, 1981]

Baja California Gravity Measurements Series

Base Station Information, 1966-1971

Dr. Phillips Grant A.M.S., 196-1971

A.M.S. Contract, 1966-1969

4 A.M.S. Contract DAC1 71 67 C002

Density Data

Baja California Laguna Salada Gravity & Magnetic

Research Grant, 1963-1968

Baja, 1966

Baja Gravity-NSF, 1967-1971

[Correspondence, 1966-1968]

Gravity Data Slyker, 1966

Gravity Evaluation of some of the COMG Base Stations, 1965-1966

LaCoste & Romberg (L&R) Gravity Meter, 1967

Meter Manual and Survey Specifications

Baja 68 Summary

BOX**FOLDER TITLE****BAJA CALIFORNIA GRAVITY MEASUREMENTS SERIES (cont.)**

- 4 Baja Misc 68
- 5 Gravity Tide Corrections
- Baja [Charles] Anthenhill, 1966
- Field Check
- Gravity Data, 1967 LaCoste Romberg
- LaCoste & Romberg Gravity Meter, Instruction Manual
- Gravity Comp - L&R, 1965
- Gravity Comp - L&R, 1966
- 6 Worden Gravity, 1971
- Gravity Data, Others
- Gravity Data, Kelm
- Gravity Data, 1968 LaCoste Romberg
- Gravity Data - 1968 - Worden Meter
- Gravity Compo Worden, 1964
- Gravity Comp - Worden, 1966
- Gravity Data - 1967 - Worden Meter
- Gravity Data 70-71 Series, Loops 1-28 (June-Aug) Worden Meter '70 Series
[Papers, 1969]
- Mexico Precise Level Data Tijuana South to F1 Ma

BOX	FOLDER TITLE
	BAJA CALIFORNIA GRAVITY MEASUREMENTS SERIES (cont.)
7	[Gravity Measurements,] 1966 Base Altimetry, 1966-1967 1968 Flynn Mileage, 1967 Level Hafenfeld Books I and II, 1968 Books III and IV, 1968
8	Book V, 1968 L&R Gravity Books, 1965-1966 1966 L&R Description of Stations, 1968 Level Mattox Books I and II, 1968 Book III, 1968
9	Level Smith LA Bay, 1966 and Smith Book I, 1966 Books II and III, 1966 Worden Gravity, 1966-1967 1967
10	1967-1968 1971 [Baja California Elevation Measurements] Photographs Description of Base Stations, 1966 DCM - IAGS Level Lines, Descriptions of Base Stations

BOX**FOLDER TITLE****BAJA CALIFORNIA GRAVITY MEASUREMENTS SERIES (cont.)**

- 10 Reduced Level Data
- 11 Altimetry, 1915?, Need Stationary Alt. Dati
Altimetry, 1967
Baja Long. & Lat. Stor Shots, 1966
Altimetry, 1968
Baja Gravity Stations - Longitude & Latitude
Longitude-Latitude, Baja Gravity Stations
Baja Tides, 1966
Gravity Notes
Conflict -7021 & 22, Loops 3, 10, & 11, Worden, 67
Baja Altimetry, 1966
Misc. Elevation Data
[Elevation Notes]
Baja Altimeter Work Sheets
Survey Data
- BATIQUITOS STUDY, 1978 SERIES**
- 12 Batiquitos Study, 1978, Ancient Lagoon Environment
Batiquitos Study, 1978, Active, 1978-1981
Batiquitos Study, 1978, Notes
Batiquitos Study, 1978, Miscellaneous
Batiquitos Study, 1978, Finances to 3/31
Batiquitos Study, 1978, Fin. To 2/28

BOX**FOLDER TITLE****BATIQUITOS STUDY, 1978 SERIES (cont.)**

- 12 Batiquitos Study, 1978, April Billing 4/30
- Batiquitos Study, 1978, Financial 5/31
- Batiquitos Study, 1978, Financial to 6/30/78
- Batiquitos Study, 1978, Finances
- Batiquitos Study, 1978, Final Billing
- Batiquitos Study, 1978, Personnel
- Batiquitos Study, 1978, Contracts
- Batiquitos Study, 1978, Batiquitos Lagoon Log

OTHER PAPERS

"Estudio Geologico Y Geofisico de La Region Del Golfo de Santa Clara, Songra,"
March 1965.

- 13 Notebook I, Part 1
- Part 2
- Part 3
- Part 4

- 14 Notebook II, Part 1
- Part 2
- Part 3
- Part 4

[Poetry]

UC Santa Cruz

Lagoon Conference, November 2, 1974