

Accession No.: 89-18

PROCESSING RECORD
SCRIPPS INSTITUTION OF OCEANOGRAPHY ARCHIVES

Inman, Douglas Lamar 1920-

Douglas Lamar Inman Photographs, 1948-1988

Physical Description: 17 shoe boxes, 2 oversize boxes; includes 19 image ledgers

Description: Photographs and negatives taken by or for marine geologist Douglas Inman. Subjects include lecture graphs and charts, beaches and coastal areas, oceanographic instruments, coastal processes staff, lagoons, canyons, Hawaii, and Baja California. Dated 1948-1988, the accession consists of Inman's master negative file, described in accessions books. The images were numbered sequentially beginning in 1948 and continuing until 1970. Beginning in 1971, negatives are numbered sequentially within the year they were produced (e.g. 71.1 is the first image produced in 1971). Most images are black and white. Most negatives are either 4X5 sheet negatives or 35mm film. Many images appear to be missing as the numerical sequence is frequently interrupted.

Box Neg. Date Negative Title

Douglas Lamar Inman Photographs, 1948-1988
Accession No. 89-18

1	1	11/51	Cumulative Curves of Beach and Nearshore Sediments
	2		Comparison of Gram-Charlier and Pearson Type III Curves
	3		Relationship Between Theoretical Skewness and Graphic phi Measures
	4	n.d.	Scoopfish Sediment Sampler
	5	12/14/51	Mission Bay Inlet
	6	8/2/51	Orbital Current Meter
	7		Reproduction Orbital Current Record
	8	n.d.	Triangular Diagram Field Classification
	9	6/49	14 Second Refraction Diagram
	10-11	n.d.	Nearshore Circulation Diagram
	12	3/50	Vicinity Mugu Lagoon; 10 February 1949
	13		31 January 1949
	14		31 January 1949
	15		13 January 1949
	16		23 December 1948
	17		15 December 1948
	18		6 December 1948

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
1	19		9 November 1946
	20		9 November 1946
	21		Comparison Early Surveys
	22	3/50	Progressive Changes in Mugu Sand Spits.
	23		Comparison Aerial Photographs Showing Changes in Mugu Sand Spits
	24		Foreshore Beach Sediments - Mugu Lagoon
	25		Beach Profiles from Mugu Pier
	26		Comparison Aerial Mosaics Showing Changes in Mugu Sand Spits
	27		Longshore Current Observations Vicinity Mugu Lagoon
	28		Distribution Kb Factors for Wave Periods and Directions
	29-37		Vicinity Mugu Lagoon
	38		Seasonal Wave Height and Direction Noses
	39		Vicinity Map Mugu Lagoon
	40	3/4/47	Oxnard Plain With Mugu Lagoon
	41	3/50	Vicinity Mugu Lagoon; 10 February 1949
	42		31 January 1949
	43		23 December 1948
	44		13 January 1949
	45		6 December 1948

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
1	46		15 December 1948
	47		23 December 1948
	48		13 January 1949
	49		15 December 1948
	50		10 February 1949
	51		31 January 1949
	52	3/50	Vicinity Mugu Lagoon; 31 January 1949
	53		6 December 1948
	54		Foreshore Beach Sediments in Vicinity Mugu Lagoon
	55		Variation in Heavy Mineral Content - Mugu Samples
	56-57		Vicinity of Mugu Canyon
	58	3/52	Vicinity La Jolla Bay
	59		Sediment Type La Jolla Area
	60		Phi Median Diameter; 24-26 August 1949
	61		Index for Sample Locations
	62		Phi Median Diameter - La Jolla Bay; 15-17 March 1940
	63		17-20 July 1957
	64		17-18 November 1949
	65		29 June - 1 July 1949
	66		9-11 May 1950

Box	Neg.	Date	Negative Title
1	67-68	6/15/44	Santa Monica Breakwater
			69 Isopleth Changes Head Scripps Canyon
			70 Orbital Current Meter
		6/49	71 Extended Rip Observation
			72 Variation of Current With Depth
			73 Nearshore Circulation Pattern; 23 February 1948
			74 13 January 1949
			75 18 November 1949
		6/49	76 Nearshore Circulation Pattern; 14 May 1949
			77 2 December 1948
			78 "Eddy-like" Path of Triplane; 24 February 1947
			79 Scripps Beach
			80 Nearshore Circulation; 23 February 1948
		n.d.	81 Comparison Sieve and Setting Tube of Heavy Mineral Beach Sand
			82 Sphericity Chart (Krumbein)
			83 Roundness Chart
			84 Sediment Retained As Function Velocity Orbital
			85 Orbital Current Meter Set-Up
		1/49	86 San Nicholas Island; Plate 7A-B

Box	Neg.	Date	Negative Title
1	87-92		Plates 6 - 1
	93-94		Plates 9 - 8
95	8/22/48		Groin at Bass Rock South of Mugu
96			West of Ventura on U.S. 101
97	12/24/47		Sumner Beach
98-99	11/24/47		16 Foot Hb at Crystal Pier
100	11/16/46		Balboa
101	2/28/47		Sumner Beach
102- -103	11/16/46		Balboa
104	1/12/53		Redondo High Wave Destruction
105	6/25/34		Santa Monica Breakwater
106			1941Redondo Beach With 12 January 1953 Erosion
107	9/27/48		Mission Bay Entrance
108	6/9/50		Mission Bay
109	n.d.		Distribution Bottom Sediment Types - Rockport Area, Texas
110			Mississippi Delta Sample Locations
111			Frequency Distribution Curve - Sample 12
112			Size Distribution Diagram All Surveys Settling Tube

Box	Neg.	Date	Negative Title
1	113		Table 2 - Total and Lab Errors in by Emery Emery Settling Tube. Measures of Size Distribution of Samples.
	114		Refraction Diagrams - La Jolla
	115		Refraction of Waves Generated in Surf Zone
	116		Figure 1 - Relation Between Medium Diameter and Sorting Coefficient - Cape Cod, Red Sea, Southern California Beach. Figure 2 - Scripps Beach High Water Mark Samples.
	117		Hypothermal and Actual Sediment Distribution Curves
	118		Histograms Typical Sediment Types. Variation in Composition of Mississippi River Bed Materials
	119		Relation of Grain Diameter to Settling Velocity. Sorting and Skewness Coefficient - Cape Cod, Barteria, Red Sea, and Southern California Beach.
	120- -121		Sediments of Barteria Bay. Relation of Grain Diameter to Settling Velocity, Threshold Velocity and Roughness
	122		Histograms Typical Sediment Types. Variation in Composition of Mississippi River Bed Materials
	123	n.d.	Relation of Concentric Ratio of Suspended Material to Threshold Velocity
	124		Relation of Grain Diameter to Settling Velocity. Sorting and Skewness Coefficient - Cape Cod, Barteria, Red Sea, and Southern California Beach. Revised.

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
1	125		Refraction Rose for Breaking Waves Station B
	126		Refraction Diagram off Scripps
	127		Rockport Area, Texas - Sample Locations
	128		Cumulative Curves Typical Sediments
	129		Delta Area Sample Locations
	130		Distribution phi Skewness La Jolla Bay
	131		Distribution phi Deviation Measure La Jolla Bay
	132		Distribution phi Median Diameter La Jolla Bay
	133		Size Distribution Diagram - All Surveys Settling Tube Analysis - La Jolla Bay
	134		Distribution Total Heavy Minerals La Jolla Bay
	135		Nearshore Circulation at Scripps; 16 December 1948
	136	1/52	Alignment Chart for Computing Longshore Current
	137- -138		Index Map for Current Studies
	139		Devices in Current Investigation
	140		Longshore Currents at Torrey Pines Beach; 17 March 1953
	141		Velocity Distribution at Torrey Pines Beach
	142		Distribution of Bottom Longshore Velocity as a Function of Mean Velocity

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
1	143	1/52	Torrey Pines Beach Stations Showing Station Bias
	144		Relation Between the Means and Standard Deviations of Surface and Bottom Longshore Velocities
	145		[See 136]
	146		Friction Coefficient as Function Longshore Velocity
	147		Alignment Chart for Computing Longshore Velocity
	148		Prediction of Longshore Currents
	149		Current Observation Components
	150	11/51	Sand Level Changes, La Jolla Bay; 25 August - 5 October 1949
	151		5-6 October - 30 December 1949
	152		30 December - 3, 6 January 1950
	153		6 January - 15 March 1950
	154		15 March - 9-10 May 1950
	155		Distribution of Sediment Size Along "D" Range
	156		Cumulative Volume Change in Sediments
	157		Histograms of Breaker Height at Station B
	158		Sand Level Changes; 13 April - 30 June 1949
	159		13 April - 30 June 1949
	160	12/52	Distribution of Micaceous Material La Jolla Bay

Box	Neg.	Date	Negative Title
1	161	n.d.	Coastline California - Santa Monica Bay Inset
	162		Size Distribution Diagram - All Surveys - Settling Tube - La Jolla Bay
	163	3/49	Summary of Kb Factors Mugu Beach
	164- -170		Refraction Diagram; Mugu Lagoon
	171		Vicinity Map and Diagrammatic Illustration of Waves Approaching Mugu Lagoon
	172- -173		Refraction Diagram; Mugu Lagoon
	174	n.d.	Frequency Distribution Curves
	175		Conversion Chart for phi and Diameters in M.M.
	176		Conversion Chart σ_g , $S\sigma_g$, $S^2\sigma_g$, $K\sigma_g$, σ_ϕ , $S\sigma_\phi$, $S^2\sigma_\phi$, $\text{Log}2$, $K\sigma_\phi$
	177		Cumulative Curves Typical Samples La Jolla Area
	178		Graphic Illustration of Parameters
	179		Frequency Distribution Curves
	180		Range of Percentile Measurements in Repeated Analysis of Sediments
	181	8/49?	Accuracy of Percentile Measurements for a Normal Distribution
	182	n.d.	Cumulative Curves of Typical Samples From La Jolla Area
	183	12/52	Phi Skewness Measure - Settling Tube; 17-18 November 1949

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
1	184		15-16 March 1950
	185		24-26 August 1950
	186		9-11 May 1950
	187		30 June - 1 July 1949
	188		9-11 May 1950
	189	12/52	Phi Skewness Measure - Settling Tube; 15-16 March 1950
	190		24-26 August 1950
	191		17-18 November 1949
	192		30 June - 1 July 1949
	193		Seasonal Variation of Size Distribution in Sediments Along D Range; Sieve
	194		Settling Tube
	195		Distribution of Micaceous Material, 17-18 November 1949
	196		Vicinity of La Jolla, California
	197		Relation of Wave Parameters
	198-1		Current Pattern off Scripps; 16 December 1948
	199		Sand Level Changes; 30 June - 25 August 1949
	200		Storm Effect on Sand Transport and Beach Slope
	201		Sand Size and Beach Foreshore Slope
	202		Conversion Chart for phi and Diameters in M.M.

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
1	203		Method of Fitting Cumulative Curve to Settling Tube - Pipette Data
	204		Relation Between phi Median Diameters
	205		Relation Between phi Deviation Measures
	206		Cumulative Curves of a Typical Beach Foreshore Sample
	207		Total Heavy Minerals
	208		Cumulative Curves of a Micaceous Sample
	209		Phi Median Diameter Sieve; 24-26 August 1950
	210	12/52	Distribution of Micaceous Material; 30 June - 1 July 1949
	211		24-26 August 1950
	212		15-16 March 1950
	213		9-11 May 1950
	214		Carbonate Content of Bottom Sediments; 24-26 August 1950
	215		Seasonal Variation of Sediment Components Along D Range
	216		Relation Between Roundness and Size - Quartz Grains
	217		Cumulative Curves of Typical Sediments
	218		Index Bottom Sample Locations - La Jolla Bay
	219		Size Distribution Diagram - Settling Tube; 24-26 August 1950
	220		9-11 May 1950

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
1	221		La Jolla Area - Bottom Sediment Types
	222		Size Distribution Diagram - Settling Tube; 17-18 November 1949
	223		15-16 March 1950
	224		Phi Median Diameter Settling tube; 24-26 August 1950
	225		30 June - 1 July 1949
	226		17-18 November 1949
	227		9-11 May 1950
	228		15-16 March 1950
	229		Phi Skewness Measure Sieve; 24-26 August 1950
	230	12/52	Size Distribution Diagram; Sieve 24-26 August 1950
	231		Tube 30 June - 1 July 1949
	232		Variation in Size Distribution of Sediment Along U Settling Tube
	233		Phi Deviation Measure Sieve; 24-26 August 1950
	234	10/11/49	Delta of Rio de la Concepcion on East Side of Gulf
	235	6/15/44	Santa Barbara Aerial
	236	2/4/48	Mugu Lagoon Aerial
	237		Point Mugu Headland with Cusps in Mugu Split
	238	7/7/44	Mission Bay Aerial

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
1	239	8/34	Newport Wave Distribution
	240	3/29/53	Cobble Area 5 of Dietz House
	241- -14-21	1/30/53	Sand Level Changes About D
	-26		Undercut of Cliff at C
	-27		Reference Mark Near C
	-28		Running Beach Profile at C
	-29		Cobble Area S Dietz
	-31-32		Scripps From Hill - Canyon
	242-1	1/15/53	Ocean Beach
	-2		North Jetty Mission Bay California
	-3		Eddy North Mission Bay Jetty
	-4		Cobbles at Scripps Beach Station D1
	-5		[Untitled]
	242-6	1/15/53	Class Field Trip South of Scripps Beach
	-7-8		Beach at Dietz's Steps
	243- -41-44	1/12/53	Undercutting of Cliffs North of C
	-1		Undercutting of Cliffs North of C
	-2-3		General View Cobble Patch Between C and C1
	-4-6		Close Up Cobble Patch, 1" - 7" Diameter
	-7-8		Fresh Land Slide at C

Box	Neg.	Date	Negative Title
1	-9-10		Sand Level North of D
	-11		Station D
	-12		Seawall Dietz Property
	-13		Cobble Patch at D1
244	-1		Dietz Seawall
	-2		Front Dietz House
	-3		Preparation Foundation at Dietz House Before Cement
	-4		Overhanging Cliff Opposite C
	-5		Detail Cobble Patch C-C1
	-6		Undercutting of Cliff at High Water
	-7		Cobble Patch South of Dietz House
	-8		[Untitled]
276	-2.7	7/17/53	Stake D Range; Green Patch at "T"
	-4.0		Green Patch at "T" - Jelly Fish, Diver
	-4.5		Green Patch at "T"
	-5.0		Mine and Diver's Foot 50' D Range
276	-6.0	7/17/53	D Range 50'; Stake at "T" - Diver, Jellyfish
	-6.4		Mine, Diver
	-7.0		Mine, Diver's Foot
	-7.5		Mine

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
1	-8.3		Mine, Diver
	-9.0		Close-Up of Mine
	-9.5		Mine
	-10.2		Mine looking Down
	-11.0		Close-up of Mine
	-11.4		Side View of Mine
	-12.0		Mine Looking Down
	-13.2		Mine Side View
	-14.0		Stake at Mine
	-14.5		Mine
	-19.6		Sea Pen and Bottom
277-3		5/4/53	Divers Measuring Stake D on Green Patch
	-3.5		Mine and Diver D Range Green Patch
	-5		Diver Measuring Stake
	-33		Diver and Stake D Range Green Patch
	-40		Bottom With Sea Pen
	-41-42.5		D Range Green Patch Mine
278-1		7/14/53	Off Alligator Head in Kelp Beds - 55'
	-2		Shell and Gravel Bottom in Kelp Beds
	-3		Shell and Gravel Bottom
278-5		7/14/53	Sand Ripples

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
1	-6		Gravel and Stone Bottom
279 -1		7/12/53	La Costa State Beach;
	-2		South End
	-3		South End
	-4		Moonlight Beach Looking North
	-5		Moonlight Beach
	-6		Moonlight Beach State Park from End of "E" Street Encinitas
	-7	7/17/53	Bucket and Loot from Dive
	-8-9		Wave
	-10		Diver's Bubbles
	-11		Earl Murray Climbing Aboard DUKW
	-12		Mac Handing Bucket to Murray
280 -		7/3/53	Orbital Current Operation
	-1-5		
	-6-9	7/7/53	Earl Murray and R. McAllister Diving and D Range
	-10-12	7/8/53	Miscellaneous Beach Photos Near Scripps Sea Wall
281		1/17/37	View Northward of Beach at South End Mugu Lagoon
282		4/9/53	Sand Lamination; Station 46
283		3/11/53	Station 45
284 -1		4/9/53	Station 45

Box	Neg.	Date	Negative Title
1	-2		Station 46
	285- -1-2	6/18/53	Corrosion of Steel Pier Pincon Point
	-3-5		North of Malibu Cobble Cusps
	-6		Erosion 72A Surfside
	286- -1-5	circa 6/18/53	South of Dietz House
	287-1 -2-3 -4 -5	circa 3/17/53	R. McAllister and Mine
			South Dietz House Cobbles
			Backwash Ripples Scripps Beach
			SEA Property
	288-1	3/11/53	B Range Auxiliary - Sand Lamination
	289-1 -2-3 -4 -5	3/1/53 3/7/53	Aluminum Exposed South of Dietz House
			Aluminum Basement Exposed at Dietz House
			Hollow Bulkheads Filled with Sand at Dietz House
			Cobble Cusps Two Levels at Dietz House
	290	10/11/49	Delta on East Side G of Baja California
	291- -292	n.d.	Baja California Coastline
	293- -295		Dunes West of Rocky Point; Arizona?
	296- -1-4	4/25/53	Beach Photos North of Ventura

Box	Neg.	Date	Negative Title
1	-5		Cusps Along Mugu Spit Looking North West
	-6		Train at Bass Rock
297-	4/24/53		West Coast Beaches; Roll No. 3
-1-11			
298-	4/23/53		West Coast Beaches; Roll No. 2
-1-10			
299-	4/22/53		Roll No. 1
-1-12			
300-	n.d.		Looking Down From Hill on Scripps Pier
-1-2			
301	2/4/48		Mugu Aerial
302-1	4/2/53		Imperial Beach; Life Guard St. - Palm St.
303-			Beach and Sand Lamination
-1-6			
304-	4/2/53		Beach Erosion - Coronado
-1-3			
305-	4/4/53		Scripps Beach Station D-1
-1-2			
306-	8/21/53		"D" Range on "V"; 30 Foot Depth Ripple Marks
-12			
-13-15			30 Foot Stakes and Ripple Marks
307-7	7/27/53		"D" Range on "U", 20 Foot Depth Ripple Marks
-19			"D" Range on "V", 30 Foot Depth Ripple Marks
308-	8/14/53		"D" Range on Green Patch, 50 Foot Depth;
-1.5			Ripple Marks
-2.5-7.5			Stakes and Ripple Marks

Box	Neg.	Date	Negative Title
1	-12.5, -15.5		"D" Range on "U"; 20 Foot Ripples
309 -a	8/26/53		Airy Wave Theory - A 0.1; $\lambda < dH^2 < 1.6$
-b			$\lambda < 1.0 < 1.5$
310 -	8/25/53		"D" Range on "V", 30 Foot Ripples
-1.7-8.6			
-11.7-14.2			"D" Range on "U", 20 Foot Ripples
311 -	8/31/53		"D" Range on "V", 30 Foot Ripple Marks
-0.5-7.5			
-9.2,11.2			"D" Range on "U"; 20 Foot Ripple Marks
-14.2			30 Foot Ripple Marks
-16.2			20 Foot Ripple Marks
312 -1	4/22/53		Dillon Beach
-2			Tamales Bay
-3-8			Approximately Two Miles North of Santa Cruz
-9			One-Half Mile North of Santa Cruz
-10-11			At Santa Cruz
313 -1	4/23/53		Seacliff State Beach Park
-2-3			Sunset Beach State Park
-4-5			Moss Landing; Looking North
-6-7			Looking South
-8			Carmel
-9-10			Mouth of Little Sur

Box	Neg.	Date	Negative Title
1	314- -1-4	4/24/53	Mouth of Little Sur
	-5-6		Coastal Rocks
	-7		Turn Stacks One-Half Mile Offshore
	-8		Alder Creek
	-9-10		Beach Below Dietz's
	-11		Phil Jackson and Plastic Injector
	315- -4.8-9.0	9/11/53	"D" Range on "V", 30 Foot Ripple Mark
	-9.8-16.5		"D" Range on "U", 20 Foot Ripple Mark
	316- -1.5	9/21/53	Auxiliary B, 18 on "U"; 10 Foot Ripple Mark
	-2.8-10.3		20 Foot Ripple Mark
	317-1	7/22/53	Divers
	-2		Breakwave From DUKW
	-3	7/28/53	Torrey Pines Beach Looking North - Wide Berm Built up to Over Nine Feet Above MLLW
	-4		Pebble Beach South of Bathtub Rock; Torrey Pines Beach
	-5		Cliff at U Canyon
	-6		Staghorn Kelp and Holdfast (Pelagophycus porra) Stripe 63 Feet Long V Canyon
	318	9/25/53	Graph, Solitary Wave Theory, $Um=NC/2$
	319- -15-17.5	3/18/53	Ripple Marks

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
1	-18		Mine at Fifty Feet
	320-	3/15/53	Mine Put at Fifty and Seventy Feet; D Range
	-4-1		
	-4-2		D Range
	-3	circa 3/15/53	Beach Below Dietz House
	-4	3/53	Beach Below Dietz House
321		11/3/53	Maximum Low Tide 2:30 p.m., 22 Feet Deep - Ripple Marks South Side of Pier End - Piling 2-3
	322-	4/23/53	San Simeon Highway
	-1-2		
	322-3	4/23/53	San Simeon
	-4-5		Little Sur River
	322-	4/23/53	Little Sur River Entrance
	-6-7		
	323-1		Carmel Beach
	-2-3		San Jose Creek Beach
	-4		Little Sure River Entrance
	-5		Point Sur
	-6		North of Big Sur
	324-1	4/24/53	Ancient Stacks
	-2		Alder Creek Beach
	-3		San Carpojo Creek

Box	Neg.	Date	Negative Title
1	-4-5		Grows North of Ventura
	325-1	2/4/48	Oceanside Aerial
	326-1	n.d.	Aerial Coastline North of Mugu
	327-1	10/6-8/ 1953	Auxiliary B - Stake and Sand Level
	-2-3		Earl Murray
	-4-5	10/8/53	Auxiliary B; Stake and Sand Level
	-6	10/6/53	Stake and Sand Level
	-7-8		Stake and Sand Level Operation
	328-1-3	11/23/53	"D" Range, PE m 6rn Patch, 250 Feet Depth, Ripple Mark
	-4		South End of Mine, Shoreward Side, at 50 Feet Depth
	-5-7		Shoreward Side of Mine, at 50 Feet Depth
	329-1	11/30/53	Stake and Weight, Kelp Patch at 51 Feet
	330	11/14/50	Mission Bay
	331	2/6/50	Mission Bay
	332	7/16/53	Mission Bay
	333-1-6	12/15/53	Kelp Patch at 31 Feet, Ripple Mark
	334-4-8	12/28/53	Mine and Ripple Marks at 50 Feet
	335-1-8	10/23/53	Diving Operations

Box	Neg.	Date	Negative Title
1	-10,12	11/2/53	Sewage Plant at Hyperion
	336-1	5/19/50	Beach Profile; Foreshore, Dredge Cutting Through Beach at Mission Beach
	-2		Foreshore at Mission Beach
	-3		Foreshore With Dredge
	-4		Backshore at Mission Beach
	-5-6		Dredge Cutting Through Beach - Close-up
	337-	12/17/53	Torrey Pines Beach
	-1		
	-2	12/15/53	Rods Bent in Surf off Auxiliary B
	338		[Discarded - Blurred Print]
	339-1	1/22/54	"D" Range "V"; 30 Feet Stakes
	-2	n.d.	30 Feet Stakes
	-3		Mine at 50 Feet - Green Patch
	340-		Jetties at Mission Bay
	-1-2		
	-3		Facing Ocean B From End of C Jetty
	340-4	n.d.	Walk in Lab
	-5	1/26/54	70 Feet Stakes
	340-6	1/26/54	70 Feet
	341-		Ripples in Coarse Sand Edge of Kelp Out From Cove - 50 Feet Deep
	-1-7		
	-8		Jeff and Short

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
1	342-	1/15/54	Beach Photos at Poche (Capistrano Beach).
	-1-4		Steep Foreshore of Coarse Sand Seems Finer on Low Tide Terrace Cut Down to Shale.
	-5-7		Jetties at Aqua Hedionda South of Carlsbad
	343-1	1/27/54	70 Feet; South End and Seaward of Mine
	-2		Middle Mine and Seaward
	-3		Very South End
	-4		Middle Shoreward
	-5		North End of Mine
	-6		North End Top
	-7		Chain and Buoy
	344-	1/28/54	Stakes at 70 Feet, Number 1 Stakes
	-1-2		
	-3-8		Stakes at 50 Feet
	345-	12/18/53	Sumner and South Branch
	-1		
	-2-3		Sand at Head of Canyon
	-4-7		Stones at Head of Canyon, 70 Feet Deep
	-8-11		Shale and Sand on Canyon Wall
	-12-15		Outcrop in Canyon Wall, 70 Feet Deep
	-16		Rounded Stone at Head and Deep in Sumner Canyon
	346-1	2/2/54	Coarse Kelp Patch in Sumner Canyon, 2 Crests to Southward; Stakes at 30 Feet

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
1	346 -2	2/2/54	Coarse Kelp Patch in Sumner Canyon, 2 Crests to Southward; Lead and Stake at 30 Feet
	-3-4		Ripples, 3 Crests at 30 Feet
	-5		Lead Line and 2 Crests - 30 Feet Fork
	-6-7		Crest Lead Line Lead and Outake
	347 -1-2	1/29/54	Stake and Ripple Crest at 30 Feet Kelp Patch
	-3		Sand, Shell, and Pebbles at 30 Feet Kelp Patch
	-4		Stake at 30 Feet Kelp Patch
	-5		Sea Urchin Spines and Dollars
	-6		Crest at 30 Feet Kelp Patch
	348 -1	2/9/54	Kelp Patch - Sumner; Ripple Mark With Instrument
	-2	n.d.	Stake
	-3-4		Ripple Marks
	349 -1-5	2/8/54	50 Feet, Instrument on Bottom in Ripple
	350 -1-3		30 Feet, Instrument on Bottom
	-4		30 Feet, Sheephead in Kelp over Rock Bottom
	-5		30 Feet, Gear in DUKW
	351 -1	2/10/54	"D" Range at 88 Feet; Ripples
	-2		Sea pen - Squid Eggs - Ripples

Box	Neg.	Date	Negative Title
1	-3		Ripples
	352- -1-4	2/11/54	"D" Range at 110 Feet; Ripples
	353- -1-2	2/5/54	Kelp Patch - Sumner, Ripples in 30 Feet Measured with Seal Scratcher
	354- -1-4	3/29/54	Ripples; 70 Feet - Stakes
	-5-7		50 Feet - Stakes
	355	3/30/54	105 Feet - North of Submarine Canyons - PE on Inman House - <u>No Good</u>
	356-1 -2 -3	4/4/54	Terrace - West Side Point Loma $\frac{1}{4}$ Mile North of Lighthouse
	-2		Boulder of Black Mountain Volcanic Resting on Terrace
	-3		Terrace - West Side Point Loma $\frac{1}{4}$ Mile North of Lighthouse
	357-1 -2-7	4/12/54	Slide W.P. Upsham House - [Boat Sheet] 5650
	-2-7		Dolphin Place, La Jolla
	358-1 -2 -3 -4 -5 -6-7	4/22/54	100 Feet Depth - White's Point; Man Hole Cover on 5 Foot Pipe
	-2		Top of 5 Foot Pipe
	-3		Bottom 20 Feet from 5 Foot Pipe
	-4		Bottom East Side of 5 Foot Pipe
	-5		75 Feet Depth - White's Point; Joint in 5 Foot Pipe
	-6-7		Joint in 5 Foot Pipe and Gorgonia

Box	Neg.	Date	Negative Title
1	-8		100 Feet Depth - White's Point; Sebaslode
	359-1	4/24/54	Refinery at Hyperion with "Lookout on White House" Sextant Point on Boat Sheet 5235
	-2		Hyperion Stack
	-3		Standard Oil Refinery El Segundo
	-4		Point Vicente; From West
	-5		Coastline North
	359- -6-7	4/24/54	Point Vicente; Light House
	-8		Long Point; Oceanarium
	-9		Coastline East
	-10-12		Terraces and Coastal Formations Between Long Point and Cove
	360-1		Radio Tower Indicated as "MAST" on Boat Sheet 5485
	-2-3		Showing Spire on House Listed as "STE" on Boat Sheet 5485
	-4		Scientist at Work
	361-1	n.d.	White's Point; Rock Bottom East of Pipe
	-2		50 Feet Depth on 5 Foot Pipe
	-3		35 Feet Depth - Torpedo
	-4		35 Feet Depth - Top of 5 Foot Pipe
	-5		?
	362-1		Hyperion - West Side of Pipe

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
1	-2		?
	-3		White's Point; 70 Feet, Manhole Cover
	-4		70 Feet, Top of Pipe
	-5		35 Feet, East of 5 Foot Pipe
	-6		"Conny" [Limbaugh] and "Lico" at White's Point
363	-1	4/25/54	White's Point;
	-2		Red Abalone
	-3-4		Connie [Limbaugh] and Gorgonia
	-5		35 Feet - Block of Cement
363	-6	4/25/54	White's Point; 50 Feet - Gorgonia
	-7		75 Feet
364	-1	4/24/54	Hyperion; on Bottom Redondo Side
	-2		Side Outlet Looking Seaward
	-3		Top Cement Support
	-4		Inshore 125 Yards
	-5		Base of Cement Supports
	-6		Top Cement Supports Inshore
365	-1	4/23/54	E.W. Scripps - Bubble
	-2-5		E.W. Scripps
	-6		Convergence Slick
	-7		Bubble Photograph

Box	Neg.	Date	Negative Title
1	-8		Bubbles - Close-Up
	-9		[Missing]
	-10		Foam Line West
	-11		Oceanarium Marineland
	-12-14		White's Point Slicks - Infra-Red
366	-1	4/24/54	Hyperion; Bubble
	-2		Water Color Change
	-3-4		White's Point; Shoreline
367	-1		Slicks
	-2		Sewer Outfall
	-3-5		Slicks [Toss Out Negative Number 4]
368	-1	4/25/54	Santa Ana Outfall?
368	-2	4/25/54	White's Point; Sewer Outfall?
	-3		White's Point
	-5		? Sewer Outfall
	-8		Hyperion? Foam-Like Marking Convergence
369	-2	4/29/54	White's Point; Shoreline
	-3		Plankton Tow From Plane
	-4		Mycrocystis at Portuguese Bend
	-5		White's Point; Coastline
370		4/23 or 4/24/54?	Orange County Outfall Barely Visible Flowing Toward Beach

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
1	371-	5/14/54	35 to 75 Feet - See Negative Number 388
	-1-8		
	372	4/54	Figure I; -1 Location Map, L.A. Survey
	373		-2 White's Point Outfall - Sample
	374		-3 Hyperion Outfall - Sample
	375		Figure II; -1 Hyperion - Surface Salinity Transverse; -2 Foam Line
	376		-3 Hyperion - Surface Salinity
	377		-4 Hyperion - Temperature Salinity Oxygen Sections
	378		-5 White's Point - BT Data
	379		-6 White's Point - Sections Oxygen Dissolved
	380		-7 White's Point - Horizontal Section
	381		Figure III; -1 Dive Locations Sediment Samples
	382		-2 White's Point - Turbid Water Profiles
	383		Figure IV; -1 Volatiles in Bottom Sediments
	384	4/54	Figure VI; -1 Detrital Feeders Schematic Representation; -2-4 White's Point
	385	n.d.	-5 Shell Remains; -6-13 White's Point; -14 Hyperion
	386	4/54	Figure VII; -1 White's Point - Distribution Kelp Beds; -2 [Untitled]
	387		Figure VIII; -1 White's Point - Vicinity

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
1	388-1	5/14/54	First Dive - 70 Feet "D" Range;
	-2		Stakes and Ripples
	-3		Surf Grass Moving
	-4		C. Fleming Between Stakes
	-5		Second Dive - 30 Feet; Pilmq Mussels on Stake
	-6		Stake
	-7		Ripples
	-8		Stake
389		2/25-26, 3/26/[54]	Mission Bay Inlet
390		6/54	Delta; Station Locations
391			Aerial Distribution - Bottom Sediment Types
392			Rockport; Aerial Distribution - Bottom Sediment Types
393			Cumulative Curves Typical Sediments
394			Frequency Distribution Curve and Cumulative Curve Type IIa Sediment
395			La Jolla Area; Bottom Sediment Types
396			Size Distribution Diagram; Delta Area
397			La Jolla
398		6/54	Size Distribution Diagram; Rockport
399			Areas of Study
400		7/54	Abb. 1 Wyrtyki, Deutsche Hydrographische

Box	Neg.	Date	Negative Title
1	404		Zeitschrift - (Figures 1-5)
	405- -1-7	7/27/54	Auxiliary B Range Stations 1-3, Shots 1-2 [Negative Number 7 No Good]
	406- -1-3	7/28/54	By Anchor Edge of Canyon
	-4		Port Bow "LC"
	-5		Connie's Head in Boat
	-6		Starboard Quarter LC
	-7-8		Onshore and Toward Coarse Ripple from Anchor
	407-1	8/2/54	Auxiliary B Range; 9 Feet Depth - Following Onshore Surge
	-2		9 Feet Depth - No Flash
	-3		9 Feet Depth - Following Offshore Surge
	-4		14 Feet Depth - Following Onshore Surge
	-5		14 Feet Depth - Following Offshore Surge
	-6		8 Feet Depth - Following Onshore Surge
	-7		8 Feet Depth - Following Offshore Surge
	408-1	8/3/54	Landing Craft Station "LC" South Rim of La Jolla Canyon; "Nine-Inch" Ripples
	-2		9 Inch Ripples Near Sample; 8/3/54 - IC and T
	-3		9 Inch Ripples with Snail <u>Kellattia kelletti</u>
	-4		Joining of 9 Inch Ripples and Large Ripples
	-5		Large Ripples and Sample 8/3/54 - 2C and T and Snail <u>Kellattia kelletti</u>

Box	Neg.	Date	Negative Title
1	408 -6	8/3/54	Angel Shark
	-7		9 Inch Ripples
	-8	8/4/54	Ripple Measuring Device
	409	n.d.	Point Mugu - Good Rips
	410	10/14/53	Mission Bay Channel
2	411 -1	8/10/54	Kelp Patch - Sand Dollar, Coarse Ripples
	-2		Coarse Ripples
	-3-4		Border Coarse and 9 Inch Ripples
	-5-8		9 Inch Ripples
	412 - -1-2		9 Inch Ripples
	-3-4		Sand Dollars
	-5		9 Inch Ripples
	-6		Coarse Ripples North of Sand Dollars
	-7-8		Sand Dollars
	413 - -1-7	8/11/54	Roll Number 1 - Ripples North of Station Sand Dollar
	-8		None
	414		Brown Van Voorhees Home 5840 Camino de la Costa
	415 -1	8/13/54	Ripple Marks Auxiliary B 6 Feet; Following Onshore Surge
	-2		Following Offshore Surge

Box	Neg.	Date	Negative Title
2	416	8/18/54	Kelp Patch Sand Dollar
	417	n.d.	Station Locations Rockport
	418		Mississippi River Bottom Sediment Types
	419	n.d.	Station Locations La Jolla
	420- -1-5	9/1/54	"D" Range; 30 Feet
	-6-9		50 Feet
	-10-19		70 Feet
	421- 7	9/8/54	Point Dume; Beginning of Traverse 110 Feet
	-8		Sample 9 - 9/8/54 - 80 Feet
	-9		Sample 10 - 45 Feet
	-10		Sample 11, Sand Dollars - 30 Feet
	-11		Blank
	-12		Sand Patch Between Sand Dollars - 20 Feet
	-13		Sample 13, Pismo Clam - 12 Feet Depth
	-14		Sample 14, Ripples - 9 Feet Depth
	-15		None
	-16		Samples 15-16 - 8 Feet Depth
	422- 19/9/54		Point Dume; 100 Feet - Halibut
	-2		53 Feet
	-3		47 Feet
	-4		38 Feet - Dead Sand Dollars

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-5		35 Feet - Live Sand Dollars
	-6		22 Feet - At Small Cave in Rocks Between Samples 28-29
	-7		20 Feet - Sand Against Rock Outcrop
	-8		19 Feet - Ripples
423-			Channel Between Point Dume and First High
-1-7			Rock Which Extends Above Sea-Level Offshore
423-8	9/9/54		Channel Between Point Dume and First High
			Rock Which Extends Above Sea-Level Offshore
			Number 8 Corresponds to Sample 31-C, 9/9/54
424-	9/8/5		4 Point Dume and Pocket Beach to the West
-1-2			
-3-4	9/9/54		Panorama Beginning with Rock Island West of Point Dume
-5-6			Through Point Dume to Bench Mark Eaglet
-7-10			Exposed Rocks Southwest of Point Dume with Sea Lion and Birds
-11-12			Close-Up of Pocket Beach West Side Point Dume Waterline Looking East
425-	9/10/54		Ripples off Pebble Beach 4½ Feet Across From
-1-2			Ballast Point; 6 Feet
-3			7 Feet - Catalina Harbor at Ballast Point
-4			8 Feet - Catalina Harbor at Ballast Point
-5-7			9 Feet - Rolls of Eel Grass
-8			10 Feet - Bottom

Box	Neg.	Date	Negative Title
2	426-1		West Side Catalina Harbor 4½ Feet Deep; Ripples 9 Centimeters High
	-2		Ripples 8 Centimeters High
	-3	n.d.	Bust
	-4-8	9/10/54	Depth 20 to 30 Feet; Showing Kelp and Abalone Between Pin Rock and Coast
	427-1	9/9/54	West End, Santa Catalina Island;
	-2		Looking South
	-3		Looking North-East
	-4-5		Eagle Rock, Just South of West End
	427- -6-7	9/10/54	Catalina Head, Water Line; Looking North-East into Catalina Harbor
	-8		Looking South-West
	-9		Waterline of Point 625 Yards East-South-East of Pin Rock
	R-1	9/8/54	Sextant Point 2 - Brown at Point Dume (Under Bird)
	-2		Point Dume South White Sextant Point
	-3	9/9/54	Point Dume Sextant Point Eaglet (Overthrust)
	-4	9/10/54	Ribbon Rock - South-West Side, Northern South Catalina Island
	-5		Profile Catalina Head Looking South-West from Harbor
	428-1	10/1/54	Kelp Patch, Sand Dollar, Seal Scratches in Ripples - Top = N

Box	Neg.	Date	Negative Title
2	-2		Top = 045 - Put in 1 Can in Trough and Then Clockwise Around Instrument
	-3		Top = 110 - In Trough
	-4		Top = N - Putting Can in Crest
	-5		Top = 270W - Leveling Up Seals Scratcher
	-6		Top = 135 - Down View
	-7		Top = W270 - Anchor and Cans
	-8		Top = 90 - Down View
429		11/3/54	Ripple Study; Ripple Wave Length $[\lambda]/h$
430			Pattern, Profile, Symmetry
431			Variation in Particle Size in Ripples
432			Sand Size and Ripple Wave Length
433			Ripple Profiles
434		11/3/54	Mission Bay Composite
435		9/9/54	Relation Tidal Prism and Area Entrance Channel
436			Profiles Cross-Sectional Areas
437			Mission Bay Inlet; Cross-Sectional Areas
438			Center-Line Profiles
439			(Aerial Mosaic) Development
440- -1-2		8/19/54	Alluvial Cliffs South of S.I.O. After Grading

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	441-	11/12/54	Puente del Norte Looking North from "Good Guadalupe Landing"; off Abandoned Barracks
	-1		
	-2		Close-Up, North End of Island
	-3		Abandoned Barracks from Anchorage; Under <u>Orca</u>
	-4-5		110 Feet Surf Grass
	-6		Decomposed Stuff
	-7-8		Sea Anemone
	442-1	11/14/54	No Good
	-2		Pebble Beach; North of Abandoned Barracks Sample 3 - 14 November 1954
	-3		Higher on Foreshore, Sea Elephant
	-4		Higher Still - Structure
	-5		Southern Sand Beach South of Abandoned Barracks, Sample 4 - 14 November 1954
	-6		Sea Lions on Southernmost Part Barracks Beach
	-7		Foreshore Small Pea Gravel Beach South Abandoned Barracks Beach, Sample 5 - 14 November 1954
	-8		No Sample - Device Against Rock Contact Beach Lava Dike at Abandoned Barracks
443		11/15/54	Guadalupe Roll IV - 66 Feet, Sample 8 - 15 November 1954, Ripple 2.2 Feet [λ] at Melpomene Cove - Guadalupe
444		n.d.	No Number Used
445-		12/3/54	Photo Index Key Chart; C1 - C5
-449			

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	450		C11 - C13
	451		C14 - C18
452-1	12/15/54		"D" Range, 70 Feet; Male and Female Squid
-2			Squid Eggs
-3-5			Ripple Marks; Octopus
-6			Stake Number 0 - Carpenter's Shell
-7			Sand Bottom
-8			Cancer Crab and Stake
-9-16			Male and Female Squid and Eggs
-17			Start 50 Feet; Whelk Shell
-18			Stake Number 0
-19			Sample Out of Crest
-20			Squid Eggs, Ripple Marks
-21			80 Feet; New Shell - Belchers Chorus
-22			Sand Bottom - Above Shells
-23			Stake Number 0
-24			Ripple Bottom
-25			Stake - Measuring
-26			Ripples
-27			Starfish
452-	12/15/54		80 Feet; Guitarfish
-28			

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-29		"D" Range, 50 Feet in Front Casa - Sand and Rock Bottom Seaward; Sea Urchin
	-30		Keyhole Limpet
	-31		Edge of Kelp - Medium Abalone
	-32		Giant Starfish
	-33		Stichopus californicus sea cucumber
	-34		Sea Anemone
	-35		Red Sea Urchin
	-36		[Untitled]
	-37		Db1 Exposed NG Rockfish
453		12/8/54	Aerial Photograph Index
454-		12/20/54	"D" Range PE on "V" - 30 Feet; Stake Number 5
-1			With Lead Line Around It
-2-5			Earl[Murray] With Meter Stick
-6			Bottom
-8			Scour Around Buoy Lead Line Weight
-10			Ripple Bottom
-11			Meter Stick
-12			Earl Measuring Stake
-13			Earl Marking on Stake
-14			Scour Around Weight on Lead Line
-15			Stake

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-16-17		Earl [Murray]
	-19		Earl Writing on Secche
454-	12/20/54		"D" Range PE on "V" - 30 Feet; Squid Eggs
-21			Around Number 3
455-			"E" Range 13 Feet Deep - Earl; Near Rip Off
-0-4			Station E
-5-21			Head of La Jolla Canyon - Depth 45 Feet Between Ranges E and F
456-	11/11/54		Alluvial cliffs South of Scripps Following
-1	11/13/54		First Rain - United Flight - Coastal Shots San Diego to Los Angeles
-2			Air Photograph of; SEA Property
-3			"U" Canyon and Ripples
-4			Torrey Pines Beach
-5			Leucadia
-6			Aqua Hedionda Lagoon
457-	12/21/54		70, 50, and 30 Feet on "D" Range and Mine
-1-6			South of Pier 10th Pile in Depth of 11 Feet - Complex but Systematic Ripple Pattern
-8			70 Feet - Stakes - Stick on Bottom - No Photo
-9-10			Measuring Device - Squid
-11			Earl Making Observations - No Photo
-12-13			Bottom Covered Squid Eggs on Way 70 Feet Mine
-14-15			Bridel to Float
-16			Northern Stake - 1 Leaf Kelp

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-17		Earl [Murray]
	-18		Earl and Northern Stake
	-19-20		Mine - 70 Feet
	-22-28		Mine and Stakes - 50 Feet - Photos Poor
457-	12/21/54		30 Feet - Stakes, Ripples
	-30		
	-31-3		3Measuring Stick on Bottom - Poor - No Photo
	-34-36		Measuring Device and Ripples
	-37		Measuring Device and Stakes
	-38		Stakes
458-1	12/17/54		Sierra Nevada Range - Our Photographs
	-2		Clouds in Valley Over Fresno - Bakersfield
	-3-5		Air Photographs; Ridge Route Near Gorman
	-6		San Onofre Beach
	-7		Boat Basin, Camp Pendleton
	-8		Agua Hedionda Lagoon
-9-	12/22/54		Old Beach Sand Formation? Exposed in Excava-
-11			tion for Foundation - New Wing of Ritter Hall - See Notes and Examples
459	1/5/54		Mission Bay Aerial of Low Tide Level - 16 August 1954
460-1	1/14/55		Off Point Loma - Number 100

Box	Neg.	Date	Negative Title
2	-2-3		First Travers - Off Government Fence - Looking Pier Lange Ripples, Dent was Unable to Find; About 45 Feet Deep
	-4		50 Feet Deep
	-5		80 Feet Deep
	-6		120 Feet Deep
	-7-11		Bad
	-12		Slav on "New Hope" Rock
	-13		"New Hope" About 60 Feet Deep
460-	1/14/55		"New Hope" Rock
-14			
	-15		Kelp at "New Hope"
	-16		Pea Gravel at Base of "New Hope" Rock
	-17-18		Bad
461	1/13/55		Coronado Islands - All Frames Showing Islands North Islands and Middle Rock (No Under Water Shots)
462	2/3/55		B & B Motion Picture (General)
463-			B & B Ripple Motion Picture; Frames 1, 10,
-1-13			20, 30, 40, 50, 60, 70, 80, 90, 100, 110, 120
464-	2/17/55		Canyon Walls
	-4-11		Rock Outcrop on North Wall of North Branch About 85 Feet
	-13		Sand Ripples Head of Sumner Canyon About 45 Feet (After Sand Out)

Box	Neg.	Date	Negative Title
2	-17-18		Rocks at Head of Sumner on South Wall
	-19		Beals Cable at Sumner - 20-23 Canyon Walls
465-	4/8/55		Agua Hedionda From Air
-1-3			
-4-7	1/20/55		Mission Bay Ripple Marks
466	4/8/55		Particle Displacement From Mean Position
467			Particle Displacement Relative to Wave Crest
468			Total Particle Displacement
469	4/27/55		Sand Level Changes at Stakes
470-			Orbital; Observation 15
-471			
472			Observation 7
473	4/27/55		Comparison Horizontal Orbital Velocity; Observation 15
474			Observation 14
475			Distribution of Maximum Orbital Velocity Under Crest and Trough
476			Ripple Pattern Scripps Pier
477	5/9/55		Photographs of Ancient Stream Channel in Permian Red Beds near Truscott, Texas
477-1	4/13/55		Moonlight Beach Encinitas Looking North
	5/9/55		Truscot Texas - Ancient Channel Formation in Flower Pot Series

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-2-4		Section of Channel Exposed at Stream Cut - Sample 4; Looking South-East
	-5		Looking East
	-6-9		Sample Locality 8 Showing Foreset? Beds Dipping to West - Looking North-West
478	6/22/55		St. Nicols Picture - Beaches Japan
479			Kept 1 Roll - Referred to as N
480			Sent for Prints - 20 October 1955 - N-2-20
481- -1-7	8/17/55		"Droque" off PE
482- -1-11	8/23/55		"Droque" (Colored and Small)
483- 1	10/14/55		Mine at 70 Feet; Looking South-West
	-2		Looking West
	-3-4		Looking East
	-5		Buoy
	-6		Looking East-South-East
	-7		Looking South-East
483- 8	10/14/55		Mine at 70 Feet; Looking South
484- 1	10/21/55		15 Feet Deep off Dike Rock;
	-2-3		With "Yo-Yo"
	-4-5		During On-Shore Surge
	-6-11		17 Feet Deep off Dike Rock - Bottom Was Still Silted Up With Surge ("Yo-Yo" in Each)

Box	Neg.	Date	Negative Title
2	485-1		"V" Canyon (Surface Shot)
	-2		Break in Slope on Sumner
	-3		Canyon Wall 80 Feet
	-4		Overhang Sumner Wall 80 Feet
	-5		Rock Outcrop on Rim of Canyon
	-6		Vertical Wall With "Crack"
	-7		Looking Along Plane of Slope
	486-1	n.d.	Ansco Color Print of Avila Beach
	-2		Avila Beach from the South Showing Cusps
	-3		Sorted Sand on Pismo Beach
	-4		Dunes North of Pismo Beach
	-5		Markers Along Outfall at Osoflaco
	-6		Dunes and Blown Sand South of Pismo Beach
	-7		Outfall Osoflaco Creek - Pismo Beach
487	11/15/55		Series 14; U/Us versus oH/oh
488			Part of Record
489			U vs oH
490			oH vs Tn - All Waves
491			Series 12; U vs H
492	11/15/55		Explanation of Symbols
493			Series 7; U1/sU1 vs H1/h1

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	494		H1 vs Tn - All Waves
	495		U1 vs H1
	496		Series 15; U/Us vs H/h
	497		Series 12; H Feet vs Tn - All Waves
	498		Series 15; ohc, Crest Depth vs Wave Height oH
	499		U Feet/Second vs Wave Height H
	500		Series 7-15; Distribution of Maximum Orbital Velocity Under Wave Crests and Troughs
	501		Series 7; Wave Record
	502		Schematic of Set-Up
	503		Series 12; Wave Record
	504		Series 15; Wave Record
	505		Distribution of Maximum Onshore and Offshore Orbital Velocity Between Zero Crossings
	506		Series 7; IN1 vs oH1 Feet
	507		Series 9; Wave Record
	508		Series 13; oH1 vs Tn
	509		Series 15; H vs Tn - Sample Waves
	510		IN vs oH
	511		H vs Tn - All Waves
	512		Series 12; U/sU vs H/h
	513		Solitary Wave Theory sU vs h

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	514		Series 15; Chart Displacement vs Orbital Velocity, U_c , U_1 , W Feet/Second
	515	11/15/55	Series 15; U_1 vs H_1
	516		Series 9; U Feet/Second vs H
	517		Series 15; H_1 vs T_n - All Waves
	518		U/sU vs T_n
	519		U_1/sU_1 vs H_1/h_1
	520		Orbital Record
	521		Series 9; U/sU vs H/h
	522		Series 14; ohc vs oH
	523		Series 9; H vs T_n - All Waves

HAWAIIAN PHOTOGRAPHS SERIES

2	524-	11/19/55	Color Slides Taken in the Air from Oahu to North Coast of Hawaii, 19 November 1955
	-1		Honolulu and Diamond Head
	-2		Molokai; North-West Point
	-3		(Makanalua Peninsula) Leper Colony
	-4		North-East Coast
	-5		Maui; North-West Point
	-6		North-West Coast
	-7		Kahului Harbor
	-8		Haleakala Crater;

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-9-10		and Pakaoao Park
	-11		Hawaii; North Point
	-12		North-East Coast
525-	11/55		Color Slides of Island of Hawaii (2nd Hawaiian)
-1	11/19/55		North-East Coast of Hawaii; Showing Discolored Water from Can Run-Off Manna Kea in Background. Taken from Air 19 November 1955
-2			Showing Headland Formed by Lava Flow Down Stream Cut Valley
-3			Showing Discolored Water from Cane Run-Off
-4-6	11/20/55		Kilauea Crater
-7			Slope of Mauna Loa Looking South-East from Kilauea
-8-10			Puna District Flow of May 1955, 20 November 1955; "aa" Lava
-11			Gas Cavities in Pahoe Hoe Lava
-12			Fumarole
526-			Black and White Photographs on the Island of Hawaii (3rd Hawaiian)
-1-3			Black Sand Beach at Kaimu, Hawaii
-4-6			Headlands Formed by Kehena Flow of May 1955, Puna Eruptions Looking North-East
-7-9			Close-Ups of Pocket Beaches Formed on South-West Side of Lava Headland

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-10-11		Pocket Beach Formed on North-East Headlands of Keekee Flow
	-12		Tree Mold in Old Lava East of Pahoia, Hawaii
527-	11/55		Black and White Photographs on the Island of Maui and from the Air of Maui, Lanai, and Molokai (4th Hawaiian)
-1	11/20/55		Kahului Harbor, Maui (Air)
-2-3			Kahomo Valley, Maui - Looking Towards Lanai
527-4	11/21/55		Pocket Beach at Hookpia Park, Maui
-5			Lime Kiln Lower Paia Beach, Maui
-6			Groins West of Spreckels Ville, Maui
-7	11/22/55		Kahului Harbor, Maui (Air)
-8-9			North Coast of Maui - North of Waihee
-10			Lanai
-11-12			South-West Point of Molokai
528-	11/55		Color Slides of Kauai, Hawaiian Islands (5th Hawaiian)
-1	11/22/55		Blow Hole, Kukuiula Bay South Coast of Kauai
-2-3	11/26/55		Beach Rock, South Kapoa Reef Looking North
-4			Hanalei Valley, Looking South
-5-6	11/27/55		Napali Cliff from Beach - Polihale, West Coast
-7			Napali Cliffs from Dunes South of Polihale, West Coast of Kauai

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-8		Dune Rock, 2 Miles North of Nohili, West Coast of Kauai
	-9		Root Casts in Sand Dunes North of Nohili
	-10		Beach Rock at Nohili;
	-11		Looking North from Area Doak and I Swam in
	-12		Littoral Accretion South of Barking Sands at Waiokapua - Sediment Sample Number 8
529-	11//28/55		Color Slides of Kauai Island (6th Hawaiian)
	-1		Kauai Inn; Looking South Towards Haupu Ridge
	-2		Banyan Tree
	-3		Beach Change Volcanic to Calcareous, Oomano Point
529-	11/28/55		Waimea Canyon from Lookout
	-5-9		
	-10-12		Napali Coast from Kilohana Lookout (Looking North, and North-East)
530-	11-12/55		Color Slides of Kauai Island (7th Hawaiian)
	-1	11/30/55	Beach in Front of Cox House at Hanalei Bay, Day of High Surf - 15 Feet High at Point West of House
	-2		Waves Peaking over 9 Fathoms Shoal off Hanalei Bay
	-3	12/2/55	Reef Protected Beach at Kalihikai Public Pavilion from Point at East End of Reef - Sediment Sample Number 30

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-4-5	12/4/55	Calcareous Dune Rock Forming Point North-East of Makahuena Point on South-East Coast - Sediment Samples 47 and 48
	-6		Poipu Beach Looking West Along South Coast of Kauai - Note Blow Hole at Kukuiula Bay in Distance (see 528-1) - Sediment Sample 49
	-7		Lava Coast Looking West from Blow Hole to Ka Lae o Kaiwa Point
	-8		Pocket Beach Along Lava Coast of Southern Kauai, at Kalaheo Gulch - Sediment Sample 51
	-9	12/5/55	"Sleeping Giant" East Coast
	-10		Wahiawa Bay, A Pocket Beach on South Coast Near Hanapepe, McBride Mill Stack in Background - Sediment Sample 52
	-11		Break in Beach Rock West of Hanapepe Bay - Sediment Sample 54
	-12		Pocket Beach Near Kaki - Sediment Sample 55
531-		12/7/55	Color Slide of Kauai Island (8th Hawaiian)
531- -1-2		12/7/55	Wave Breaking Over Barrier Reef at Ke'e Beach Just West of Ka Lae o Kailio Point - Taken from the Napali Coast Trail to Hanakapiai
	-3-4		Beach at Hanakapiai - Sediment Samples 59-60
	-5		Pocket Beach at Hanakapiai Looking South-West Through Pandanus Tree Along Napali Coast
	-6		Rip Current Along Napali Coast Trail
	-7		Ridge Along Napali Coast Trail - Light Green Foliage are Kukui Nut Trees

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-8		Napali Coast Trail Looking South-West from Near First Summit
	-9-10		Waves Breaking Over Barrier Reef at Ke'e Beach Just West of Ka Lae o Kailio Point - Taken From the Napali Coast Trail to Hanakapiai
	-11		???Bridge at Hanapepe
	-12		???
532 -1		2/55	Black and White (120) Photographs on the Island of Kauai and Oahu (9th Hawaiian)
-1-2		12/8/55	Joel B. Cox House - Hanalei, Hawaii
-3-5			New Catholic Church, Hanalei
-6			Hale in Range Near Anahola
-7-8		12/9/55	Kaiser's Dredging Project - Waikaki, Oahu
533 -		12/55	Color Slides of Oahu Island (10th Hawaiian)
-1			Princess Kaiulani Hotel
-2			Diamond Head from Princess Kaiulani Hotel
-3			Woahila District from Princess Kaiulani Hotel
-4			Diamond Head from Beach Front of Moana Hotel
-5			Banyan Court at Moana Hotel
533 -6		12/13/55	Kukuihoolua Island; Dune Rock with an Arch off Laniloa Point, North-East Coast
-7			Solution in Calcareous Rock on Laniloa Point
-8-9			Sand Plant at Kahuku Beach, North-East Coast

Box	Neg.	Date	Negative Title
2	-10		Calcareous Dune Rock with External Stalagtite and Stalagmite and Post Formation Tilting - North Coast
	-11		Beach in Front of Palmer Cottage West Side of Peninsula from Kawela Bay
	-12		Excavated and Elevated Reef Rock North of Waimea Bay, North-West Coast
	-13		Beach at Waimea Bay, North-West Coast
	534	n.d.	-
	535-	12/55	Underwater Photographs in Hawaiian Islands (12th Hawaiian)
	-1-3	12/8/55	Ripples at Ke'e Beach on Kauai - Samples 62C and 62T
	-4-5	12/13/55	Ripples Inside Reef West of Palmer's Cottage West Side of Peninsula from Kawela Bay on North Coast of Oahu - Sample 02C
	-6-9		Fauna Inside Reef West of Palmer's Cottage
	-10-12		Ripples Inside Reef West of Palmer's Cottage
[END OF HAWAIIAN SERIES]			
2	536	12/28/55	High and Low Tide - and Negative 541
	537	1/3/56	Figure 1 - Orbital Velocity Meter, Notation of Symbols
	538- -1-3	2/9/56	Pictures at Los Coronados Islands, 35 Feet Depth at little Rock - 2 Samples
	-4		Divers Swimming from 35 Feet Station to 50 Feet Station

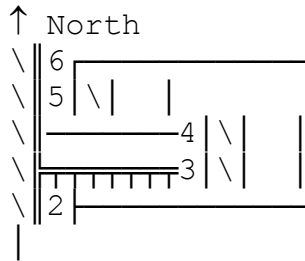
<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	538- -5-6	2/9/56	50 Feet Stations - No Samples, Showing Finer Ripples
	-7-8		65 Feet Stations Showing Finer Ripples
	-9-10		Distance Shot of 65 Feet Station
	-11-12		Divers Over Rock Outcrop Near 65 Feet Station - Showing Kelp, etc.
	539- -1-12	n.d.	Pictures of Boat and Surfboard Frames 456 of Boat
	540- 1	2/18/56	Encinitas, California (Sea Cliff Villa Sub); Cliff Looking North Where Temple Slumped
	-2-3		Stairs and Area of Slump, Looking North-East from Beach (Self-Realization Fellowship 215 K Street, Encinitas)
	-4		Close-Up of Cliff Just South of Stairs
	-5		Coast Line Looking North
	-6		Cliff Line Looking; South-East from South of Fellowship Stairs
	-7		North-West from North of Public Stairs
	-8		North-West from the Public Stairs South of the Fellowship Grounds
	536- 1	12/28/55	Beach Pictures of Low Tide; from Hill Above Tennis Club Looking North
	-2		Shell Beach from Casa Parking Area
	-3		End of Casa Breakwater
	-4		Breakwater at Casa
	-5		from the End of Rock Outcrop at Casa

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-6		Rock Outcrop and Ledges in Front of South Casa
	-7		the Art Center South of Casa
536-	12/28/55		Beach Pictures of Low Tide; Rocks and Ledges in Front of Casa
-8			
-9			Barber's Point from Casa Beach
-10			Rocks in Front of Casa
-11			from SIO Pier Looking North Showing "V" and "U" Canyons
-12			From SIO Pier Looking South Showing "D" Range
537?-	12/29/55		Beach Pictures of High Tide; No Trespassing Sign at Beach and Tennis Club
-1			
-2-3			Looking South from Marine Room
-4			Casa Breakwater
-5			Slot at Casa Beach
-6			Breakwater at Casa
-7			South Casa
541-1			Black and White Photographs of Tides; Pier SIO
-2			La Jolla Shores
-3			Shell Beach
-4-5			Casa Breakwater
-6-7			South Casa

Box	Neg.	Date	Negative Title
2	-8		Rocks in Front of Casa
	-9		Beach and Tennis Club Beach
	-10		Kessling House
	-11		Casa
	-12		Casa Breakwater
542-		4/26/56	70 Feet Mine Bridle
-2-4			
-8-10		5/4/56	Beach House Just South of SIO
-11-12			From The Beach
543		5/7/56	Graphic Estimate of Correlation 30-70
544			Accuracy of Positioning
545			Sand Level Change - Auxiliary B Range
546			Measuring Technique Plan and Profile
547			Acoustic Sounding Accuracy
548			Sand Level Change - Location Map
549			Positioning Technique
550			Changes in Sand Level All STAS D
551		6/4/56	Owenia fusiformis; 27 April 1956 - Young
552-			27 April 1956 - Adult
-553			
554			17 May 1956 - Young
555-		6/13/56	San Clemente Island; Seaward End Point Loma
-1			

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-2-3		East Coast San Clemente Looking South-West
	-4-5		North-West Harbor Looking North-West
	-6		Castlerock
	-7		Looking South From North-West Point
	-8		Castlerock
	-9		Just North of Wilson Cove Looking West
	-10		Point by "Dune" Looking North-West
	-11		Cliff Just South of Dune
556-1	6/13/56		Sand Clemente Island; Close-Up of Wreck North-East Light
	-2-3		North-East Light and Wreck Looking South
	-4		South-East Mile Mark Looking South-West
	-5-6		Wilson Cove
	-7		Waiting Room Airport
	-8		Truncated Dunes West Coast 33° North Latitude
	-9		Castlerock and North-West Point
	-10		North End of Island Looking West-North-West
	-11		Wilson Cove
	-12		Pyramid Head South-East Corner Island
557-	6/12/56		San Clemente Island, Wilson Cove (Underwater);
	-1		Trimming

Box	Neg.	Date	Negative Title
2	-2-5		Photos Start on South Pilot Include Each in Succession to the North:



-6			First Bent Where Pier Widens
-7-9			10 Feet of Water, All of Same Ripple with Different Stop
-10-12			20 Feet Depth, Near Rock Outcrop, Same Ripple - Solitary: // / Pier→ _____ / _____ / // / / / 4T→ x /x ←Sample 4C - 12 June 1956
558-1	6/16/56		Beach Club and Sunset Cliffs; Cement Groin Beach and Tennis Club
-2			Cement Groin 1200 PST
-3-4			Disposal of Kelp off Groin
-5-7			Cement Rubble Dumped at the Foot of Froude Street by the City (Sunset Cliffs)
-8			Arch at Foot of Hill Street (Sunset Cliffs)
-9			Cement Rubble - Foot of Cordova Street
-10			Arch at Foot of Hill Street
-11			Pocket Beach Between Cordova and Guizot

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-12		Stack at Foot of Froude Street
559	-1	7/4/56	Ripples off Shell Beach, La Jolla;
	-2-4		Ripple in 19 Feet of Water
	-5		Sampling Ripple Trough
	-6-7		Measuring Ripple - Eight
	-8-10		Ripples in 12 Feet of Water Near Rock
560	-1	7/6/56	La Jolla Canyon Wall - 60 Feet Depth; Middle Island - Los Coronados Islands Looking South- West
	-2		South-West End of Middle Rock - Los Coron- ados Islands, Looking West
	-3	7/11/56	First Vertical Drop at Canyon Head
	-4		First Vertical Drop Showing Undercut in Wall of La Jolla Canyon - Murray
	-5		Close-Up of Wall Showing Erosion
	-6		Terrace Below First Drop
	-7		Sea Floor Below First Drop
561	-	7/11/56	75 Feet Depth - Kelp Bed; Sand Between Stone Ledges
	-1-2		Ripple Sand Bottom
	-3		Rubble North of Sand Patch
	-4-6		Stone Ledges South of Patch
	-7-9		Gorgonian on Rubble North of Patch

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	562-1	8/21/56	Coronado Seawall - Photos Taken About 10:00 EST; North End of Seawall on Ocean Boulevard
	-2		Looking North Across Walk at Fort Isabella Avenue
	-3		Coronado Hotel Breakwater Looking North
563-	9/11/56		Del Mar Beach; Cliff at Del Mar Near Foot of 10th Street, Looking South
	-1-2		
	-3-4	9/28/56	Torrey Pines Beach; Sumner Canyon Beach, Cusps
	-5-7		Ocean Beach
	-8		Scripps Beach
564-	9/27/56		Polychaete Worms
	-1-12		
565-1	10/3/56		Baja California Trip - Point Loma - Gulf of Baja California; Sunset Cliffs and Point Loma
	-2-3		Point Loma
	-4-5		Mouth Tijuana River (Neg 5 - Channel Open)
	-6		Gulf Side of Coast Range
	-7		Lagoon Distributary Channel 12 Miles North of San Felipe
	-8		Bahia, San Felipe
	-9		Coast, San Felipe; 5 Miles South
	-10		40 Miles South

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	565-	10/3/56	Baja California Trip - Point Loma - Gulf of Baja California; Sand Spit on Island; and Miramar, Looking North
	-11		
	-12		and Lofas, Looking North-East
	566-	10/4/56	Punta La Gringa, Which is a Compound Tomaballo
	-1-12		About 7 Miles North of Bahia De Los Angeles Settlement
	567-1		Baja California Mountains and Scammon's Lagoon; Coast Range South of Los Angeles Bay - Volcanics over Granite
	-2		Dam and Rancho Below or Near ?Las Palomas
	-3-4		Sand Ridges Vicinity of Laquaitas - Striking 305° (Magnetic) (292° T)
	-5		Sand Dunes (Discovered Later)
	-6		Dredge in Outer Channel to Guerrero Negro
	-7		Phleger Sampling From Widgeon
	-8		Inner Channel Island Scammon's Lagoon
	-9		Entrance to Scammon's Lagoon;
	-10-11		With Entrance to Guerrero Negro in Back
	-12		Looking South-West
	568-1		Baja California; Entrance to Guerrero Negro Lagoon, Looking North-East
	-2		Sand Dunes South Spit Guerrero Negro Lagoon
	-3		Delta Point, Gulfo de California, Vicinity of Santa Teresa to Cabo San Miquel

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-4		South-West Beach Punta La Gringa, Looking South-East
	-5		The Grumman Super Widgeon Beached at Punta La Gringa
	-6-7	10/5/56	Laguna Manuela, Looking South
568	-8	10/5/56	Baja California; Northern Tributary of Laguna Manuela
	-9		Sand Dunes North Spit Laguna Manuela
	-10-11		Sand Dune Area Between Guerrero Negro and Laguna Manuela
	-12		Dune in Same Area - Jack Bradshaw for Scale Trail of Paths Lead to Brass Reference Rods
569	-1-2	10/5/56	Baja California, Dunes at Guerrero Negro and the Turtle Camp; the Dune Measured Looking North-East (Jack Bradshaw for Scale)
	-3		Inner Dunal Tidal Estuary Looking South From Dune We Measured Toward Guerrero Negro
	-4		Relic Lea Face of Dune Outcropping from the Windward Face
	-5		Close-Up Showing Lamination (Dark Mineral) Plane Dips 33°
	-6		Ripples Forming Over Relic Dune Surface
	-7		Lee Face of Dune Measured (Bradshaw for Scale)
	-8-10		Turtle Shack, Guerrero Negro, Miquel Aquilar and His Wife and Dog

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-11-12		Turtle Shack - Children and Their Mother
570 -1	10/6/56		West Coast of Baja California; Coast at Point 16 Miles North of Punta Baja (5 Miles North of Rio del Rosario)
-2			Cormorants in the Water in this Area
-3			Inland Dunes South-West of Bahia de San Quintin
-4			Entrance to Bahia de San Quintin
-5			Spit at Entrance to San Quintin Bay
570 -6	10/6/56		West Coast of Baja California; Cabo San Quintin and Beach to the North
-7			Spit and Wave Refraction, Entrance to Bahia de San Quintin
-8			Details of Beach and Salada, 15 Miles North of Cabo San Quintin
-9			Mouth of the Arroyo Santo Domingo (Hamilton's Ranch) - River Mouth is a Headland Because of Rock Outmarks?
-10			Cobble Beach 10 Miles South-West of Punta Colnett
-11			Punta Colnett
-12			Punta Santa Tomas and Anchorage
571 -1-5			Cabo Punta Banda
-6			[Untitled]
-7			Isla de Todos Santos
-8			Mouth of the Rio Quadalupe (Stew's Slough)

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-9		Rosarita Beach
	-10-12		Rips Along the Beach North of Rosarita Beach
572-	n.d.		Mexico Trip
	-1-12		
573-	10/4/56		Flight to Bahia de Los Angeles
	-1-12		
574-	10/5/56		Baja California; Ships Repair at Los Angeles Bay
	-19-20		
	-21-22		Dunes at Black Warrior Lagoon, Relic Structure in the Lee Face
	-23-24		Close-Up of the Lamination and Relic Structure
574-	10/5/56		Baja California; Wind Ripples Windward Side of "Type" Dune
	-25		
	-26		Measuring Ripples
575-			Air Photos of the Guerrero Negro Dunes; Looking Towards the North
	-0-1		
	-2-3		Looking North-East Along the Crest of the Dunes
	-4-6		Close-Ups of "Type" Dunes
	-7		Canyon in the Coastal Range
575A-	10/3/56		Isla San Luis, Gulfo de California
	-11-12		
576	12/28/55		Del Mar Boat Basin
577	7/6/54		Camp Pendleton Coast

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	578-	12/29/56	Beaches Have a Record Amount of Sand on Them Because There Have Been No High Waves This Fall or Winter. Santa Ana Winds Have Occurred for Weeks on End and the Weather is Dry. Had the Disastrous Inaja Fire in San Diego Back-Country Which Burned 44,500 Acres During the Last Week of November and the Three Malibu Fires Which Destroyed 44,000 Acres During the Last Week in December.
-1			Concretions by DUKW Ramp
-2			Rocks North of Ramp - Note Sand all the Way to Dike Rock
-3-4			View of Scripps Beach at 12:00 (Low Water and Tide About ½ Foot)
-5			Seawall at Scripps with "California" Covered
-6			"D" Range (Station D) Compare with 243-11, 12 January 1953
-7			First ladder North of D, Compare with 243-9, 12 January 1953
578-	8	12/29/56	Seawall, Old Dietz House, Compare with 243-12, 12 January 1953
-9			Seawall Station D-1, Compare with 243-13, 12 January 1953
-10-11			Grain North End of Beach Club, Compare with 558-2
579-	1	1/10/57	Instrument
-2-8			Cobble Patch off Mouth of Tijuana River
-9-10			Equipment
-11-12			[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	579A	1/20/57	PTA Diggs Flipper 1.45 Feet Ripples - Asymmetrical Wave Form
580-		2/8/57	San Diego to Bahia de Los Angeles; Isla San Luis and Associated Island Looking South-East off East Coast Baja California in Giff's [Ewing] Plane
-1-2			
-3			Isla San Luis with Willard Point in Back
-4			Either San Luis or Next Island North
-5-6			Southwest Spit on Isla San Luis Looking North-West
-7			Punta Willard and Protected Harbor; Looking South-West
-8			Looking North-West
-9			South-East Tomballo on Punta Willard
-10			Drowned River Valley Just South of Punta Final
-11			Drowned Valley Further South of Punta Final
-12			Punta Remedios Looking South-West
581-1		2/9/57	Flight from Bahia de Los Angeles to Scammon Lagoon, with Giff Ewing; Embayment South End of Isla Smith, Bahia de Los Angeles Looking South-West
-2-3			Spit West Coast of Isla Smith Looking North
-4			West Coast of Baja California North of Lagoon Head Looking South-South-West
-5			Volcanic Flow North of Lagoon Head, Lagoon Head in Background

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-6		Entrance to Manuella Lagoon Looking South-West
	-7		Inner Manuella Lagoon?
	-8		Dunes, Guerrero Negro Lagoon
	-9		Same Type of Dunes
	-10-12		Whale and Calf in Guerrero Negro Lagoon
581A-			Vizcaino Area From Giff's Plane; Whales and
-1-5			Calves in Guerrero Negro Lagoon
	-6		Channel in Guerrero Negro
	-7		Marsh in Guerrero Negro
	-8		Whale in Guerrero Negro
	-9		Entrance to Scammon Lagoon; Looking North-West
	-10		Looking North
	-11		Marshes - Scammon Lagoon
	-12		Stoney Island - Scammon Lagoon
582-1			Scammon Lagoon from Giff's Plane; Old Salt
			Pier, Head of Scammon Lagoon Looking North-East
	-2		Salt Flats Head of Scammon Lagoon, Looking North
582-3	2/9/57		Scammon Lagoon from Giff's Plane; Whale
	-4		The Orca in Scammon Lagoon
	-5		Landing Strip Mud-Flat South of Stoney Island

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-6-8		Beach Rock Shoreline South of Stoney Island South Coast
	-9		Sandstone Concretions on Stoney Island South Coast
	-10-11		Whale
	-12		Sand Dunes South-West of Scammon Lagoon
582A-	2/10/57		Scammon Lagoon; Earl Installing Turtle Camp
-1			Number 1 Tide Gauge
	-2-3		Dunes Back of Slat Marsh South of Turtle Camp Number 1
	-4-6		Dunes Along Beach South of Turtle Camp Number 1 - Site of Sediment Sample 3
-7	2/11/57		Handy-Dandy Tide Gauge Complete With Turtle Skull
	-8		Stunted Accotillo North Coast Stoney Island
	-9		Bush, Salicornia East End Stoney Island
	-10		Marsh Types: Foreground - Batis, Frankenia, Salicornia; Right Background - Spartina
	-11-12		Turtle Camp East End of the Island
582B-1	2/12/57		Orca
	-2		Whale
	-3		Giff and Earl Installing Tide Gauge at Turtle 3, Looking West at Entrance to Salt Pan
	-4		Salt Pan Behind Turtle 3 Looking North-East

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	582B-	2/12/57	Scammon Lagoon; Turtle Camp 3, Tide Install-
	-5-6		ation Sight of Sediment Sample 5
	-7-8		Salt at Edge of Salt Pan - Harmon Craig
	-9	2/13/57	Vicinity of North Lead; Whale
	-10		North Lead East Bank, Coquina Sediment Sample 7
	-11-12		Looking Towards North End of North Lee
	582C-		Vicinity of North Lee; Spit Near North End
	-1-2		of Lee Looking North
	-3		East Shore Looking South
	-4-5		Sand Spits Near Entrance to North Lead Lookin South, Sample 8
	-6-7		Dwarf Ocotillo East Shore, North Lead
	-8-9		Looking South from Hill Above Turtle Camp, North Lee
	-10		[Untitled]
	-11	2/14/57	Stoney Island
	583-1		Vicinity of Dune Area Guerrero Negro; Dune Between Scammon and Guerrero Negro
	-2		Inner Channel Island Looking North-West from Helicopter
	-3		Marsh Head of Guerrero Negro
	-4		Head of Guerrero Negro
	-5		East Shore of Guerrero Negro
	-6		Dunes Head of Guerrero Negro

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-7-10		Type Dune Locality Guerrero Negro at 1425 PST Water in Inner Dunal Area
	-11		Dune Area From the Ground - Gillmore for Scale
583-	2/14/57		Vicinity of Dune Area Guerrero Negro; Close-
-12			Up Dune Face by Reference Rod 1 Showing Recent Slide Over Damp Sand
584-			Minor Beach Feature Downwind Bank of Inter-
-1-2			Dunal Channel
	-3-4		Vertical Ripple Mark Reference Rod 1, Note High Tide Mark, Recent Slide
	-5		Helicopter Inter-Dunal Channel South-West of Type Dune
	-6		Type Dune from the Air
	-7-8		Dune Area Approximately 2 Miles South-West of Type Dune
	-9-10		Sand Migration Across Marsh Near Entrance to Guerrero Negro Looking South-West
585-			Helicopter Trip from Guerrero Negro to
-1-3			Scammon Lagoon; Ocean Beach Midway Between the Entrance to Guerrero Negro and Scammon Lagoon
	-4-9		Whales on the Outer Bar in the Entrance to Scammon Lagoon
	-10		Marsh Near Entrance to Scammon Lagoon, Turtle Camp 1 in Foreground - Note: Wide Inner Tidal Sandy Area
	-11		Inner Channel Island, Scammon Lagoon
	-12		Marsh Southwest of Turtle Camp 1, See -10

Box	Neg.	Date	Negative Title
2	586-1		Scammon Lagoon and Inner Channel Island; Whale from Helicopter
	-2		Brushy Island? Scammon Lagoon
	-3-4		Orca - Stoney Island Anchorage
	-5		Doctor Redfield
	-6	2/15/57	Dead Whale on Brushy Island
	-7		Dunes South of Entrance to Scammon Lagoon
	586-	2/15/57	Scammon Lagoon and Inner Channel Island; Shell
	-8-9		Concentration South-West End Inner Channel Island (Crescent Island)
	-10		Osprey Nest, Crescent Island
	-11		Seaward Beach, Crescent Island
	-12		Marsh in the Lee of Crescent Island
	587-1	2/16/57	Scammon Lagoon; Salt Marsh South-West of Turtle Camp 1 - see 585-10, -12
	-2-4		Ripples Exposed on the Sand Flat by Turtle Camp 1 at Low Water, Camp 2 Near Low Water Camp 3 at Mid-Flat Camp 4 Near Beach Fore- shore - in Each Case Head of the Hammer Point Seaward, Sample 22
	-5-6		Section of Dune Behind Turtle Camp 1, Note: Horizontal as Well as Lee / Ace Structure
	-7		Dunes South of Entrance to Scammon
	-8	2/17/57	East End of Stoney Island from Giff's Plane

Box	Neg.	Date	Negative Title
2	-9		Crescent Isle (Inner Channel Island) - Scammon Lagoon
	-10		Marsh Near Turtle Camp 1
	588 -1		Entrance to Scammon Lagoon Looking South- South-West
	-2-3		Ocean Beach Between Scammon and Guerrero Negro Note: Beach Ridges
	-4		Type Dune Locality Guerrero Negro
	-5-8		???
	-9		Isla San Geronimo? West Coast Baja California Latitude 29° 45'
	-10		Isla San Martin, West Coast Baja California Latitude 30° 28'
	588A -1	n.d.	Orca
	-2	2/12/57	Turtle Camp 3, Tide Gauge
	-3	2/13/57	Small Boat off Orca
	-4-5		Coquina Landing North Lee
	-6		Close-Up of Coquina
	-7		East Bank North Lee Looking North
	-8-9		Coquina Limestone Outcropping East Bank, North Lee
	-10		Orca
	589	n.d.	Mission Bay Inlet (Maynard Nicols)

Box	Neg.	Date	Negative Title
2	590-1	2/21/57	Shore Processes Field Trip to the Mission Bay Marsh; Led by Doctor Redfield;
	-2-8		Doctor Redfield Using Coring Device
	-9-12		Led by Doctor Redfield
591-	2/14/57		Mission Bay Tide Survey Time Approximately 3:30 Tide 1 Foot; Deposition of Sediment off the Storm Drain, North-East Portion of De Anza Cove, Mission Bay
-1-2			
-3-5			Deposition off North-West Point of Pacific Cove, Tierra del Fuego, Mission Bay
-6-12			South-East Point of Atlantic Cove, Tierra del Fuego, Showing Erosion of the Beach, Time 1330, Tide -1 Foot
592-	4/8/57		[Earl] Murray Taking Photographs of Bottom
-1-12			
593	4/16/57		Θx vs h/T^2
594			*Exposed Coasts, Depth 0-20 Feet; °Exposed Coasts >20 Feet; ^Lee Coasts; +Limited Fetch
595			Chapter 7
596	4/16/57		Schematic of Ripple Measurement
597-			[Untitled]
-598			
599			U_m/U_1 vs $d_o/[\lambda]$
600			[Untitled]
601			Ripple Index $[\lambda]/\cap$ vs Wave Length $[\lambda]$ Feet
602			[Untitled]

Box	Neg.	Date	Negative Title
2	603		Ripple Crest $\sigma\phi$ vs Ripple Trough $\sigma\phi$
	604		$[\lambda]/\cap$ vs $d_o/[\lambda]$
	605		Wave Length $[\lambda]$ Feet vs Orbital Diameter d_o Feet
	606		Profile, Symmetry, Pattern, Hyd. Conditions
	607		M, N vs Relative Wave Height α
	608		Particle Displacement Relative to Wave Crest R vs X
	609		Θ_x vs h/T^2 (593 is a Remake)
	610		D_o vs $T c/h$ (612 is a Remake)
	611		D_∞ vs α
	612		D_o vs $T c/h$ (610 is a Remake)
	613	4/26/57	Graph - $\Theta_x = 1/\sin h \ 2\pi h/L = \tau h/T^2$
614 -1		5/3/57	Instruments (Stakes, etc.); Reference Rods with Floats Attached by Mylar Cable - Placed in Auxiliary B Range
-2			Various Types of Reference Rods Including Hollow Tubing Attached with Hose Clamps
-3			[Untitled]
615 - -1-4		5/8/57	Sumner Canyon and South Branch of Scripps Canyon Showing Rock on Edge of Canyon Rim, Depth 100 Feet; Canyon Wall
-5			P. Fleischer Swimming in Canyon

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	616-	5/10/57	Dive-In Point Between Sumner Canyon and South Branch of Scripps Canyon, Depth 80 Feet, Photograph by McFall Showing Murray Taking Photographs of Meter Stick and Sample Bottle
	-1-6		
	617		Photograph of Agua Hedionda (Jack Kentner's)
	618-		Curing on Beach
	-1-5		
	619-1	5/20/57	Class Field Trip; Detached Breakwater off old Venice Pier
	-2-3		Santa Monica Breakwater - All Taken About 1300 Pacific Standard Time
	620-1	5/21/57	California Coast, Class Field Trip 1100-1330 PST; Agua Hedionda Lagoon, Looking North
	-2		Oceanside and Camp Del Mar Boat Basin, Looking North
	-3		Camp Del Mar Boat Basin and Jetties, Note: Construction on South Jetty
	-4		Dana Point
	-5		Newport Bay and Jetties
	-6		Laguna Beach, Looking South
	-7		Newport Bay and Rocky Coast to the South
	-8		Huntington Beach with Santa Ana River in Foreground
	-9		Sunset Beach
	-10		Point Fermin and West Breakwater of Outer Los Angeles Harbor

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	620- -11	5/21/57	California Coast, Class Field Trip 1100-1330 PST; Point Vicente with Palos Verdes Point and Santa Monica Bay in Background
	-12		Redondo Breakwater, Note: Slick from Hyperion Outfall in Background
	-13-14		Detached Breakwater off Old Venice Pier
	-15		Santa Monica Breakwater (Detached), Note: Foam Lines Breaking on Breakwater Streaming South-East Resulting from Waves
	-16		Groin 3 Miles North-West of Santa Monica
	-17		Point Dume
	-18		Port Hueneme Jetties
	-19		Step Coast Near Rincon, Puerta Las Pitas in Foreground
	-20		Sand Point Near Carpinteria
	-21a		Kelp Beds Showing Coastal Outcrops off Montecito, East of Santa Barbara
	-21b		Santa Barbara Breakwater
	-22-26		Santa Barbara Harbor
	621	7/12/57	Uncontrolled Mosaic, Socorro Island
	622- -1-2	7/9/57	Leaving La Jolla for Coast Beach Trip
	-3-4		Jalama Beach, Looking North-West
	-5-6	7/11/57	Sleeping Out on the Pismo Beach Dunes Near Guadalupe
	-7		Dune Looking West from Camp

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-8-9		Kids Climbing Dune West of Camp (Dune off from Number 7) Guadalupe, California
	-10		Old House South of Oceans
622	-11	7/11/57	Pier at Pismo Beach, California, Looking South
	-12		Pismo Beach, Looking North
623	-1		Channel Between Stack at Shell Beach, California (South Point)
	-2-3		Stack at Shell Beach
	-4-5		Coastline from Pocket Beach West Side of Shell Beach, Looking North-West
	-6		Pocket Beach, Shell Beach
	-7		Beach North of Morro Rock, Looking South-West
	-8		Pacific Gas & Electric Power Plant, Morro Bay
	-9		Beach at Santa Rosa Creek, Cambria, California
	-10-12		Pier at San Simeon Showing Beach Profile
624	-1		Beach at San Simeon, North of Pier
	-2		Pier at San Simeon
	-3		Moon Rising at Piedras Blancas Campsite
	-4	7/12/57	Breakfast, Piedras Blancas Campsite
	-5		Point Piedras Blancas from Pocket Beach; South-East of Camp
	-6		at Camp

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-7		Pocket Beach of Cobbles, West of Camp, Point Piedras Blancas, Looking West
	-8		Stack off Shore at Point Piedras Blancas Light House
	-9		Coastline North of Salmon Cone (10 Miles North of Point Piedras Blancas)
	-10		Alder Creek Beach, Between Alder and Villa Canyons, 20 Miles North of Point
	-11		Cape San Martin, 24 Miles North of Point
624-	7/12/57		Looking North from Headland Near Andersen Canyon, 52 Miles North of Point Piedras Blancas (17 Miles South of Point Sur)
-12			
625-			Point Sur Looking South (Reference 323-5)
-1-2			
-3-5			Entrance to the Little Sur River (Reference 322-4, -6, -7)
-6			Entrance to the Little Sur River, Looking South (Reference 323-6)
-7			San Jose Creek Beach (Reference 323-3)
-8	7/13/57		Moss Landing Looking South from Moss Landing Pier
-9			Moss Landing from Pier, Looking North
-10			Sunset Beach State Park; Looking North from Top of Trail
-11			Looking South (Retake of 8 June 1950)
-12			Davenport Beach Showing Elevated Terrace (Reference 22 June 1950)

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	626-1		Davenport Beach Showing Elevated Terrace (Reference 22 June 1950)
	-2		Beach South of Point Año Nuevo (9 Miles North of Davenport)
	-3		Near Point Joe
	-4	7/14/57	Stimson Beach
	-5-7	7/15/57	Pelican Point, Tomales Bay, Looking South- West
	-8		Tomales Bay, North of White Gulch
	-9		Avalis Beach, Tomales Bay (Across from Sand Point)
	-10		South-West Shore, Tomales Bay, Beach 1.6 Miles South of Avalis Beach
	626- -11	7/15/57	Cove North of White Gulch (Samples 6-7), First Beach to Consist of White Sand
	-12		White Gulch
	627- -1-2		Pocket Beach .4 Miles South of White Gulch, Tomales Bay (Hawk Island in Background)
	-3-6		Pelican Point in the Distance, Looking South
	-7		Picnic Beach - Miniature Berm at High and Low Water
	-8	7/16/57	Pelican Point;
	-9		North Shore, Line of Flotsam at High Water
	-10		Looking North Along Range C-B-A (See Reference Stakes)
	628	8/57	D.L. [Inman] Passport Photographs

Box	Neg.	Date	Negative Title
2	629		Kapaa Reef Kauai T.H. - Copy of Mosaic 4326 (R.M. Tawill) Photography, 22 November 1950
	630		Drawing of Channels on Kapaa Reef (See New Negative 823-10)
	631	8/29/57	Tidal Prism Graph
SOUTH AMERICA SERIES			
2	632- -1-3	9/6/57	Nicaraguan Volcano
	-4		Panama Canal - Pacific Side
	-5	9/10/57	Santa Rosa, Peru; South of Ancon
	-6		with Sand Ridge in the New Development
	-7-8		Cusps and Windblown Sand, North of Ancon, Peru
	-9	9/23/57	Mar del Plata, Argentina
	-10-11		Zuequien, Argentina
	632- -12	9/24/57	Comodoro Rivadavia, Argentina , Looking North-East
	633- -1-2		Pebble Beach Inside the Harbor at Comodoro Rivadavia, Argentina
	-3-4		Comodoro Rivadavia, Looking South
	-5		Rio Santa Cruz;
	-6		Wide Terrace Exposed at Low Tide
	-7-8		Entrance to Rio Gallegos
	-9		Puerto Gallegos; with Rio Gallegos Estuary in Background, Looking North-East

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-10		Looking South
	-11		Sand Bars Inside the Entrance to Rio Gallegos, Looking South-West
	-12		Wreck on South Bar Outside of Entrance to Rio Gallegos, Looking West
634-	-1-2		Ships Unloading at Puerto Gallegos at Low Tide
	-3	9/25/57	Puerto Gallegos; Looking East at High Tide
	-4		Looking South
	-5		???
	-6		Wave Eroded Cliffs North of Rio Gallegos
	-7		Spit Extending Into the Channel from Cliff North of Rio Gallegos
	-8-9		Beach Craft and Party at Trelew
	-10	9/30/57	Cabo San Antonio and San Clemente del Tuyu; Looking South
	-11		Looking North
	-12		San Clemente del Tuyu Bar Near Harbor, Looking East
635-1		9/30/57	Beach at Perimeter of Mud Flats 5 Miles West of Cabo San Antonio
	-2		Mouth of Tidal Estuary Approximately 15 Miles West of Cabo San Antonio
	-3-4		Stranded Whale on Mud Flats 20 Miles West of Cabo San Antonio
K635-1		9/8/57	Peruvian Flag

Box	Neg.	Date	Negative Title
2	-2		The [Warren] Wooster's Picnicing off the Rimac
	-3-4		The Valley of Rimac from Matucana
	-5-7		Strut in Matucana
K636	-1	9/10/57	Grain on Beach at Chorrillos (Lima), Peru
	-2		Harbor at Chorrillos
	-3		Santa Rosa, South of Ancon, Peru
	-4-5		South Cove at Santa Rosa
	-6		Dunes at Santa Rosa
	-7		North Cove at Santa Rosa
	-8		Santa Rosa
	-9-10		Road North of Ancon Cutting Through Dunes
	-11		Looking South Toward Ancon
	-12-13		Slums on the Rimac
	-14		[Warren] Wooster Kids
	-15		Out
	-16	9/11/57	Pocket Beach in Northern Chile
	-17-20		Andes, North Chile
K637	-1	9/13/57	Salinas Beach; North of Valparaiso, Sample 3
	-2-3		Looking South Toward Valparaiso
K637	-4	9/13/57	½ Mile South of Marine Station Reñaca
	-5-6		Marine Station at Reñaca

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-7		Valparaiso from Marine Station at Reñaca
	-8		Coastline North of Valparaiso
	-9		Mouth of the Aconcaqua River Near Concon, Sample 1 Taken Here
	-10-11		Valparaiso Harbor
	-12-13	9/14/57	Countryside Between Valparaiso and Santiago
	-14		Fields of Poppies
	-15		Santiago from the Air
	-16		Countryside Near Santiago
	-17		Andes from the Air Above Santiago
	-18		The Andes from Santiago Side
	-19		Boundary Between Argentina and Chile
K638	-1		The Andes
	-2		The Pass by Aconcaqua - 23,080 Feet High
	-3-4		Aconcaqua Mountain
	-5		The Andes
	-6		Town
	-7		East Face of Andes
	-8-9	9/22/57	The Panzarinis, Silvia, Panki, Ronnie, Almirante, and Mrs. C.
	-10		The Panzarinis and Me
	-11		Boating on the Tigre

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-12		The Cathedral Between Martinez and Tigre
K638-	9/22/57		Waterfront at Buenos Aires, Overcast
-13			
-14			Fisherman District in Buenos Aires
-15			Buenos Aires Cobble Streets
-16	9/23/57		Buenos Aires from the Air
-17			Mar del Plata Harbor;
-18			Breakwater Coming Out
-19			City of Mar del Plata
-20-21			Breakwater at Zuequen
K639-1	9/24/57		Comodoro Rivadavia;
-2			Looking South
-3			Looking South-East, Wide Reef
-4-5			Leutenant Sanfiliiu
-6			North Pier at Comodoro from the Hill
-7			Reef Flat at Comodoro Rivadavia
-8			Beach at Comodoro Rivadavia, Pebble Beach Tide Range 20 Feet
-9			Close-Up of Beach, Sample 3 Taken Here
-10			Comodoro Rivadavia Harbor from Air; Looking South
-11			Looking North-West
-12			Oil Field North of Comodoro Rivadavia

Box	Neg.	Date	Negative Title
2	-13		Comodoro Rivadavia, Looking North-East
	-14		Southern Comodoro
	-15		Andes from Near Santa Cruz
	-16-17		Mountains North-West of Santa Cruz
	K639-	9/24/57	Puerto Santa Cruz
	-18		
	-19		Entrance to Puerto Santa Cruz
	-20		Looking South from Rio Santa Cruz
	K640-		Puerto Santa Cruz
	-1-2		
	-3		Coast South of Rio Santa Cruz Showing Low Tide Terrace, Low Tide
	-4		Coastline Just North of Rio Gallegos
	-5-6		Entrance to Rio Gallegos, Low Tide
	-7-10		Estuary of the Rio Gallegos, Low Tide
	-11		South Bar Entrance to Rio Gallegos, Looking East
	-12		Wreck on South Bar
	-13		Bars Inside of Entrance to Rio Gallegos, Looking South-West
	-14		Bars Looking North
	-15		Shipping at Low Tide, Puerto Gallegos
	-16		Ships at Rio Gallegos, Low Water
	-17		Ships

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-18	9/25/57	Puerto Gallegos, High Water
	-19		Rio Gallegos with High Water; South Shore
	-20		North Shore
	-21		Spit on the North Point of Rio Gallegos
	-22		Shipping at High Water
K641-			Ancient Beach Line 12 Miles North of
-1-2			Comodoro Rivadaria
K641-	9/25/57		Beach Craft and Crew at Treliw
-3-4			
-5			Entrance to Puerto San Antonio North-West End of Golfo San Matias, Looking South-East
-6-7	9/30/57		San Clemente del Tuyu
-8			End of Spit San Clemente del Tuyu
-9-11			Mud Flats Near San Clemente del Tuyu
-12			Entrance to the Harbor;
-13-15			Looking North
-16-18			Mud Flat West of San Clemente del Tuyu
K642-	10/10/57		Buenos Aires, Avenida 9 de Julio from
-1-3			Front of Colon Theatre
-4-6	10/11/57		Monte Video, Uruguay
-7-8			Puerto Alegre, Brazil
-9	10/12/57		Copacabana Beach, Rio de Janeiro; Looking South

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-10		Looking North
	-11-12		Headland at North End of Beach
	-13	10/13/57	Coast of Venezuela;
	-14		East of Caracas
	-15-16		Jamaica, Puerto East of Caracas
	-17		Caracas Airport
	-18		Looking South of Airport
	-19		Coral Reef South Coast of Cuba
	-20-21		Havana, Cuba
	K643-	10/10/57	Airfield at La Paz
	-1		
	-2	10/11/57	Northern End of Magdalena Bay
	-3		Boca de Soledad
	-4	10/12/57	Flats Behind Boca de Soledad
	-5		Channel Entrance at Boca de Soledad
	-6		Mangroves Behind Lagoon at Boca de Soledad
	-7		Beach South of Boca de Soledad
	-8		Tide Gauge Station at Boca de Soledad
	-9		Beach South of Boca de Soledad
	-10		On Beach at Tide Station Seaward Side of Boca de Soledad
	-11-12		Stake at Guerrero Negro Dune

END OF SOUTH AMERICA SERIES

Box	Neg.	Date	Negative Title
2	644		Earl Thinks This is "D" Range in the Mine Area - Ripples
	645		"D" Range Ripples?
646 -1		10/11/49	PBY Flight to Gulf, Lower California
-2			Fact Part of Flight, Upper California
-4-6			Western Coast of Gulf
647 -1-2		7/26/48	Old Black and White; #15-16, Excavation for New Sea Wall at SIO
-3-4			#17-18, Close-Up Showing the Earth Overlain by 14 Inches of Pebbles, 10-18 Inches of Sand
647 -5		7/26/48	Old Black and White; #19, Coquina? Sand and Pebbles Interbedded in East Bank of Crown Point Near Cima Street, 3 Feet Above High-water, South Mission Beach - Old Mission Life Guard Station at Queenstown Court, Looking South
648 -1-3		7/30/48	Old Black and White; #2-4, Mission Beach Life Guard Tower, Queenstown, Looking North
-4-5			#5-6, Pipe Outlet Mission Beach, 150 Yards North of San Rafael Point
-6			#7, Johnny Reading Newspaper
-7-8			#8-9, Scripps Sea Wall After 2 Hours High Tide (See Black and White 3-16)
-9-10		8/11/48	#10-11, Santa Monica Beach with Aggradation Due to Wave Shadow of Breakwater
-11-16			#12-17, Mugu Spit
-17			#18, Looking East from Point Mugu

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-18		#19, Break in Groin, Sea Wall at Point Mugu
	-19		#20, Effective Groin at Bass Rock, 2 Miles South of Mugu Point
649-	1/14/49		#6-8, Oceanside - Erosion at Hayes Street
-1-3			Beach was Flush with Wall
-4-6			#9-11, One Block North of Hayes - Erosion was Flush with Wall
650-	12/18/48		#6, of Mugu Officers Quarters, Mess Club, and Recreation Hall Following 17 December Storm - Fault in Mizcane Near Malibu
-1-14			
651-1	1941		Table Mountain Jacumba
-2			Sombrero Butte Jacumba
-3			Table Mountain Jacumba
-4	1940		Monte Tunnel Region
651-5	1940		Scripps Canyon Bathymetric Model
-6			Monte Tunnel Region - Meta Series
-7	1941		San Diego Aerial Geology
652-			??? La Jolla Shelf "B" Range
-1-10			
653-1	12/10/57		Picture the Coastline in Point La Jolla, Pacific Beach Pier and Part of Mission Bay
-2-5			Bind Rock and Part of Pacific Beach
-6-8			La Jolla Cove and Casa Breakwater
-9			Dredge Sand off Marina Blvd, Pacific Beach

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-10		Dredge Apparatuses at San Diego Flood Control and Marina Blvd
	-11-12		Ballast Point, San Diego Harbor
654	-1		Pictures of Guerrero Negro, Giff Ewing at the Wheel
	-2		Islands off Los Angeles Bay
	-3		???
	-4		Doug's [Inman] Dive at Guerrero Negro
	-5		The Face of Large Dune
	-6		Stake and Dune
	-7		Close-Up of Dune Face
	-8		Slides on Dune Face
	-9		Lamination in Beach East of Dune
	-10		New Stake and Skyline of Dune
	-11		Lamination in Large Dune Face
	-12		General Photograph of Dune Area
655	-1-2	12/4/57	Florida Trip; Daytona Beach
	-3-4		Fort Pierce
	-5		Blank
	-6-7	12/5/57	Adjustable Groin on Beach Between Palm Beach and South Lake Wood Inlet
	-8		Sand Bypass Plant South Lake Wood Inlet

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-9-10		Road Undermined at Deerfield Beach
	-11	12/6/57	Groins in Front of Hotel, Roney Plaza, Miami
	-12		Inman and Snodgrass Boys Fishing on End of Scripps Pier
K656-	12/5/57		Adjustable Groin on Beach Between Palm Beach and South Lake Worth Inlet
-1			
-2			Sand Bypass Plant at South Lake
-3-4			Worth Inlet
-5			Deerfield Beach, Florida, Road
-6-7			Undermined
K657-	11/23/57		Blue Sand, Taken on First Day of Sand Study
-1-8			
K658-	11/26/57		Radioactive Sand, Second Day on Sand Study, B Range
-2-9			
K659-	12/6/57		Florida Trip and Imperial Beach Photographs; Groins in Front of Hotel Roney Plaza
-1			
-2	12/19/57		Erosion in Mission Bay
-3-12	2/21/57		Imperial Beach
-13	3/13/58		Head of Scripps Submarine Canyon
-14			La Jolla Point
K659-	3/13/58		La Jolla Cove
-15			
-16			Boomer Beach
-17			Casa de Mañana

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-18		Fossil Ripples South of Casa de Mañana
K660-	8/6/57		B Range Chamberlain Placing Blue Sand
-1-8			
661-	1/7/58		Beach in Front of D Range, Dietz Home and
-1-7			B & T Club
662-1	2/11/58		Upham House, Dolphin Place, Showing Recent
			Slide and Wall Broken Off; House on North
			Side of Upham House
-2-3			Upham House
-4			Close-Up of House on South Side of Upham
			House Showing Granite Bank and Cement Wall
-5			Cobble Beach in Front of Upham House and
			New Lamar Boren House Under Construction
-6			Close-Up of Section of Cement and Brick
			Wall that had Fallen and Broken in Half
-7			3 Doors North of Upham, Boren House Showing
			Cave Beneath House and Cobble Beach
-8			Distance View Looking South Showing Front
			of Upham House
-9			Looking South from Yard on North Side of
			Upham House, Showing Recent Wall Cave-In
-10			Close-Up of Point with Boren Residence
663	2/58		Aerial Photograph of Scripps (Copy Camera)
664-1	2/21/58		Imperial Beach; 2 Blocks North of Palm Street
			Looking South Near Navy Commission School
-2			Boat at Ebony Street (Looking North)

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	664 -3	2/21/58	Imperial Beach; Boat at Ebony Street Showing Large Protective Rip-Rap
-4			North Side Tijuana River - South End of Strand Mouth (Retake of 1953 Photo 303-3)
-5			Cobble Patch on South End of Strand Looking North
-6			Southern Most House on Spit (Dr. Krause)
-7			Dr. Hays House
-8			Foot of Coronado Street
-9			South of 1306 First Street
-10			Colonel MacCauly House, 1306 First Street
-11-12			Beach South of 1306 First Street
-13			Foot of Evergreen Street Life Guard Tower
-14			1000 Foot Rip-Rapped Area South of Navy Commission School
-15-16			Looking North at Colonel MacCauly House, 1306 First Street (Old Range Used as Hill)
-17-18			Breakwater in Front of Coronado Hotel
-19			Coronado Hotel
-20			Rill Marks Seaward of Cement Retaining Wall, Coronado Hotel
-21			Navy Commission School Taken From Top of Old Levand Walk
-22			Life Guard at Silver Strand Beach, South Park

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
2	-23		Coronado Hotel from Seaward End of Cement Wall
	-24		Coronado Ferry, San Diego Bay
	-25	12/19/57	Bayside Walk, Mission Bay
664-	12/19/57		Imperial Beach; Foot of Ebony Street
-26			(Stottard House)
	-27	2/21/57	Large Rocks, 4 Ton Used for Hill South of Ebony Street
	-28		Retake of Photograph 303-3
	-29		Cobbles South End
	-30		Dr. Kause House, Last House on Strand
	-31		Between Dr. Kause and Colonel MacCauly's
	-32		Colonel MacCauly's House, 1306 First Street
	-33		Coronado Street
	-34		Evergreen Street Life Guard
	-35		1000 Foot Area Just South of Navy Commission School, Old Life Guard on Palm Street (Retake of 302-1)
	-36		Looking North from Coronado Ferry
665-1			Budget of Beach Sand Graph
	-2		Total Change in Sand Level, Scripps Beach
	-3		Littoral Transport Rate of Beach Sediment
	-4		Chart Showing Rate of Dispersion of Radioactive Tracers

Box	Neg.	Date	Negative Title
2	666-1		Hydro Photographs; 10-15 Knot Winds
	-2		Shoaling Waves
	-3		50 Knot Winds
	667-1-2		Chart from South America (Ones Torn Enroute)
	668-1-6	3/13/58	La Jolla Area Beaches
GULF OF CALIFORNIA SERIES			
3	669-1	3/18/58	Peninsular Range South End of La Guna Salada
	-2		Peninsular Range Looking East 20 Miles South of Laguna Hansen
	-3		West Bank of Rio Hardy Looking South to Punto Sargento
	-4		Multiple Beaches Between Punto Sargento and Punta San Felipe; at Latitude 31°23'
	-5		Relative Position Shown in 7-8
	-6-8		Sand Bars in Gulf Between Punto Sargento and Punta San Felipe at about Latitude 31°23'
	-9-11		Beach and Spit North of Entrance to Tidal Salada at about Latitude 31°13', 31°10'
	B669-1-6	4/3/58	Sorrento Slough and Torrey Pines
	670-1	3/18/58	Barrier Islands at About Latitude 31°10'
	-2		Punta San Felipe
	-3-4		Cuspate Beach Area 20 Miles South of San Felipe

INMAN 89-18 - GULF OF CALIFORNIA

Box	Neg.	Date	Negative Title
3	-5		Sea Cliff in Outwash Plain 10 Miles South of Punta Diggs at About Latitude 30°43'
	-6		Puerto Citos; North Pocket Beach at Latitude 30°16'
	-7		South Pocket Beach at Latitude 30°16'
	-8		Eroded Cliff and Delta Headland Just North of Isla Miramar at Latitude 30°08'
	-9		Cuspate Spit South-West End Isla San Luis
	-10		Punta Willard
	-11		Coastline About 29°35'
670-	3/18/58		Deltaic Headland About 29°28'-35' (Opposite Angel de la Guardia)
-12			
B670-	4/17/58		Slide Area Pacific Palisades; Santa Monica Slide of 31 March 1958
-1-18			
671-1	3/18/58		Punta Remedios, Latitude 29°16'
-2			Spit at Bahia de Los Angeles
-3	3/19/58		Scammon Lagoon;
-4-8			Marshes South of Entrance Channel
-9-11			Guerrero Negro Lagoon, Dock and Dunes
B671-	4/25/58		Inman and Chamberlain "Radioactive Sand" - Figures 1-5
-1-5			
672-1	3/19/58		Santa Rosalia, Latitude 27°20'
-2			San Lucas Point, Cobble Spit, Latitude 27°13'
-3-4			Horseshoe Bars off of Stream, Latitude 27°08'

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-5		Punta Chivato, Latitude 27°02', Strike of Coastal Formation Visible Underwater
	-6		Cuspate Beach on East Coast of Bahia Concepcion, Latitude 26°42' Looking North-West
	-7		Beach South-East End of Bahia Concepcion
	-8		Between Punta Polteto and Loreto
	-9	3/20/58	Loreto, Latitude 26°01'
	-10		Slicks Extending South from Isla Danzante?, Latitude 25°44'
	-11		Between Isla Danzante and Punta San Marcial
B672- -1-12	n.d.		South American Tide Record of Puerto Tueguen
673-1	3/20/58		Punta San Marcial, Latitude 25°30'
	-2-3		Between Punta San Marcial and Isla San Jose
673-4	3/20/58		Cuspate Spit West Coast of Isla San Jose, Latitude 25°02½'; Looking South-East
	-5		Looking North
	-6		Spit South-West Point of Isla San Jose Looking North-West, Latitude 24°53'
	-7		Just South of Punta Coyote, Latitude 24°44'
	-8		Delta Headlands Vicinity of Las Animas, Latitude 24°29'
	-9		Spit at Encinada de la Paz, Latitude 24°10'
B673- -1-11	n.d.		South American Tide Record of Mar del Plata

Box	Neg.	Date	Negative Title
3	674-1	3/20/58	Calcareous? Embayment 2 Miles West of Punta Coyote, Latitude 24°21'
	-2		Coastline Just South of Punta Coyote, Latitude 24°19'
	-3		Rodriguez Ranch, Latitude 24°16'
	-4		Beach X Miles North-East of San Jose del Cabo
	-5-6		Barrier Beach and Lagoon at San Jose del Cabo, Latitude 23°02'
	-7	3/21/58	Isla Cerralao, Cuspate Spit on South-West Point of Island, Latitude 24°09'; Looking South-East,
	-8		Looking North-West
	-9		Lava Headland 12 Miles North-West of Punta Camaron; Latitude 23°28'
	-10		Beach and Islands North of Mazatlan, Latitude 23°15'
	-11		Harbor at Mazatlan, Latitude 23°11'
	B674-1-10	n.d.	South American Tide Record of Puerto Mar del Plata
	675-1	3/22/58	Punta Camaron near San Blas, Latitude 21°31'
	-2		Cuspate Beach South of Punta Camaron (Near San Blas) Latitude 21°30½'
	-3		Beach and Lava Headlands, 10 Miles South of San Blas, Latitude 21°24' (Beach is Oriented for Pacific Swells)

Box	Neg.	Date	Negative Title
3	-4		Barrier Beach South of Ixtapa - Recently Over-topped by Waves, North Littoral Drift, Latitude 21°21'
	-5		Beach and Lava Headlands, 10 Miles South of San Blas, Latitude 21°24' (Beach is Oriented for Pacific Swells)
	6-8		Elongate (Beach) Ridges on Chenier Type Plain, Latitude 21°54' North, Longitude 105°32' West
	-9		Circular Fishing Village of Mextaltitan, Latitude 21°54' North, Longitude 105°29' West
	-10		Entrance to Laguna de Aqua Brava, Latitude 22°32' North
	-11		Coastline Near Santa Maria About Latitude 24°
	B675-1	5/15/58	San Felipe to Los Angeles Bay, "Operation Wind Blown"; Town of San Felipe, Latitude 31°01½'
	-2		Cliff North of Punta Diggs at About Latitude 30°57' (Reference 565-9)
	-3		Punta Diggs, Latitude 30°53'
	-4		About 5 Miles South of Punta Diggs, Latitude 30°50'
	-5		North Beach at Puertocitos, Latitude 30°15'
	-6		Punta Willard, Latitude 29°49'
	-7		Harbor at Punta Willard, Latitude 29°49'

Box	Neg.	Date	Negative Title
3	-8		Deltaic Headland on Baja California Coast About Latitude 29°28-35' (Opposite Angel de la Guardia (Reference K681-16)
	B675-9	5/15/58	San Felipe to Los Angeles Bay, "Operation Wind Blown"; Punta Remedios, Latitude 29°16'
	-10		Bahia de Los Angeles, Latitude 28°57'
	-11-12		Punta la Gringa, Latitude 29°02'
	676-1	3/22/58	Dunes on Barrier Beach Encinada del Cabellon, Latitude 24°26'
	-2		Depositional Headland North of Encinada del Cabellon, Latitude 24°41'; Looking North-West
	-3		Looking South
	-4		Entrance to Bahia Santa Maria, Looking South, Latitude 25°08' North
	-5		Headland at Bahia de Topolobanya; Latitude 25°31', Looking North-West
	-6		Latitude 25°33', Looking South-East
	-7		North Spit of Esterro de Aquabanyo, Looking South, Latitude 26°24'
	-8		Entrance to Puerto Yavaros, Latitude 26°41'
	-9		Intertidal Dunes on Spit North of Isla Huivuila, Latitude 27°06'
	-10		Isla Lobos Looking South, Latitude 27°21'
	-11		Entrance to bay 15 Miles North of Yaqui River Latitude 27°51'

Box	Neg.	Date	Negative Title
3	-12		Giff's [Ewing] Plane at Guaymas Airport
B676-1		5/16/58	Guerrero Negro Dunes, "Operation Wind Blown"; "Type" Dune Area, Section on Dune Floor, Station 1, Sample 1C
-2-3			Miniature Barrier Beach - Sample 2C, Station 6 (Refer to K682-15)
-4			Reference Rod at Dune Base
B676-5		5/16/58	Guerrero Negro Dunes, "Operation Wind Blown"; Miniature Barrier Beach - Sample 2C, Station 6 (Refer to K682-15)
-6			Survey Party at Dune, Looking North-East, Profile of 1-3, and 5 - Left Foreground
-7			Face of Type Dune (Refer to K682-7)
-8			Outcrop of Lee Slope Structure on Windward Face of Next Dune South
-9			Dune Floor Profile
-10			Flotsam and Overwash on Miniature Beach
-11		5/17/58	Sampling Apatite Concentrate on Beach Near Camp - Sample 2
-12			Ripples on Beach Near Dune Base Camp - Knife Points Onshore
677-1		3/23/58	Ochiabampo Beach, Guaymas, from Air, Latitude 27°55'
-2-3			Vicinity of Punta San Antonio, Guaymas, from Air, Latitude 27°57'
-4			Vicinity of Latitude 28°25' Pleistocene Plain?
-5			North of Punta Baja, Latitude 28°39'

Box	Neg.	Date	Negative Title
3	-6		East Spit, Estrecho Infiernillo, Tiburon, Latitude 28°56'
	-7		Recurved Spit on East Side of Estrecho Infiernillo, Latitude 28°59'
	-8		North-East Spit, Isla Tiburon, Latitude 29°12'
	-9		Punta Sargento, Tombalo, North of Tiburon, Latitude 29°16'
	-10		Bay South of Cabo Lobos, Latitude 29°54'
	-11		Coastline Vicinity of Bahia Tepoca, Latitude 30°13'
	677 -12	3/23/58	Sand Delta Rio de la Concepcion, Latitude 30°33' North
	B677 -1	5/17/58	Guerrero Negro Dunes, "Operation Wind Blown"; Giff's Tent
	-2		Anemometer for Wind Profile at Base of Dune
	-3		Miniature Beach with Flotsam
	-4		Dune Area Out of Focus
	-5		Slide of Damp Sand Layer
	-6		Face of "Type" Dune
	-7-8		Slide of Damp Sand Shown in -5
	-9		Ripples on Windward Face of "Type" Dune, Station 9
	-10		Erosion Around Coil of String, Station 10
	-11		Outcrop Windward Face Next Dune South (Reference B676-8)

Box	Neg.	Date	Negative Title
3	-12		Earl Gathering Statistics on Spacing of Lee Slope Structure
	678-1	3/23/58	South Spit of Bahia de San Jorge, Latitude 31°00' North
	-2		Barrier Islands and Overwash, Bahia de San Jorge, Latitude 31°12', Longitude 113°07'
	-3		Recurved Spit East End of North Barrier Island of Bahia de San Jorge, Latitude 31°14', Longitude 113°13'
	-4		Town of Punta Peñasco, Latitude 31°18', Longitude 113°33'
	-5		Offshore Bars, Bahia de Adair, Latitude 31°29', Longitude 113°41'
	-6		South Spit of Bahia de Adair, Looking South, Punta Penasco in Background, Latitude 31°27', Longitude 113°39'
	678-7	3/23/58	Multiple Spits; South-East of Santa Clara, Latitude 31°38' North, Longitude 114°24 West
	-8		at Santa Clara, Latitude 31°12' North, Longitude 114°31' West
	-9		Dendritive Pattern in Tidal Distributary, Latitude 31°47', Longitude 114°39'
	-10		Scour Around Rock (See B678-10)
	B678-1	5/17/58	Flying Over Guerrero Negro and Los Angeles Bay, "Operation Wind Blown"; "Type" Dune
	2-7		Vicinity of "Type" Dune, Guerrero Negro
	-8		Salt Company Docks, Guerrero Negro

Box	Neg.	Date	Negative Title
3	-9		Vicinity of Los Angeles Bay
	-10		Twin Barchane Dunes on Windward of an Obstical 10 Miles North-West of Los Angeles Bay (Reference BK683-13)
	-11		Vicinity of Los Angeles Bay
	-12		Spit at Los Angeles Bay, Latitude 28°57'
679-1	n.d.		Scripps, Rip Current off "U" Canyon
-2	3/20/58		Loreto; Beach in Front of the Flying Sportsman Lodge
-3			Beach Looking North from the Flying Sports- man Lodge, Beach Profile on Point in Back
-4			Beach in Front of Flying Sportsman Lodge
-5			Ocean Beach at Pamilla, Latitude 22°59'
-6	3/23/58		Ochiabampo Beach, Guaymas from Ground, Latitude 27°55'
B679-1	3/18/58		East Coast of Angel de la Guardia Island, "Operation Wind Blown"; South-East Point, Latitude 29°03½' (Reference BK684-a,1)
B679-23	18/58		East Coast of Angel de la Guardia Island, "Operation Wind Blown"; Island Off East Point, Latitude 29°04', Longitude 113°07'
-3			Lagoon Behind Cuspate Spit 8 Miles North of South-East Point, Latitude 29°08'
-4			Looking West from Punta Rocasa, Latitude 29°18'

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-5		Headland West of Punta Rocasa, Latitude 29°18', Longitude 113°15' West (Reference BK684-6)
	-6		North Lagoon in East Bite, Latitude 29°22', Longitude 113°23'
	-7-8		Sand Island Off North-East Point, Looking North, Latitude 29°34½', Longitude 113°33'
	-9		Islands Off North Point, Looking West, Latitude 29°34½', Longitude 113°35' West
K680	-1		Peninsular Range 20 Miles South of Laguna Hansen, Looking East to Table Mountain
	-2		Peninsular Range and Desert Floor, 20 Miles South of Laguna Hansen
	-3		Laguna Salada, Looking East
	-4		Lava Capped Formation Approximately 10 Miles North of Arroyo del Diablo
	-5		Salt Flats Between Rio Hardy and San Felipe Road
	-6		West Bank of Rio Hardy Looking Toward Punto Sargento
	-7		Tidal Tributaries at Punta Sargento
	-8-11		Sand Bars in Gulf Midway Between Punta Sargento and Punta San Felipe, Approximate Latitude 31°17'
	-12		Complex Spit at Entrance to Tidal Salada at about Latitude 31°13', Mud Flat Range
K680	-13	3/18/58	Tidal Distributary Pattern in Salada at About Latitude 31°12'

Box	Neg.	Date	Negative Title
3	-14		Entrance to Tidal Salada and Distributary at About Latitude 31°12'
	-15		Beach at Tidal Salada and Distributary at About Latitude 31°12'
	-16		Entrance to Tidal Salada and Distributary at About Latitude 31°10'
	-17		Sand Bars Shown in Numbers 8-11
	-18		Entrance to Small Tidal Salada at About Latitude 31°08'
	-19		Punta San Felipe
	-20		Punta Diggs and San Felipe Bay
B680 -1		5/18/58	Santa Clara, Rio Hardy, and Laguna Salada, "Operation Wind Blown"; Compound Spit South-East of Santa Clara, Latitude 31°35', Longitude 114°20'
	-2		Multiple Spits South-East of Santa Clara, Latitude 31°38', Longitude 114°24'
	-3		Recurved Spits South-East of Santa Clara, Latitude 31°38', Longitude 114°26'
	-4-8		Santa Clara Compound Spits, Latitude 31°41', Longitude 114°31'
	-9		Delta of Rio Hardy; Latitude 31°46', Longitude 114°36'
	-10		East Island, Latitude 31°44', Longitude 114°37'
	-11		Isla Montague, Latitude 31°48', Longitude 114°45'

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-12		Panfan East of Laguna Salada
K681 -1		3/18/58	Puertocitos, About Latitude 30°16'
-2			Eroded Cliff and Delta Headland Just South of Isla Miramar at About Latitude 30°08'
-3			Cuspate Spit South-West End of Isla San Luis
-4			Punta Willard, Latitude 29°49'
-5			Deltaic Headland on Baja California Coast, Opposite Angel de la Guardia, Latitude 29°28-35'
-6-7			Convergence on Plankton Blooms in Gulf?
-8			Cuspate Spit on North-East Point, Isla Smith, Looking South, Latitude 29°06', Reference BK682-8
-9-10			Spit on West Side of Isla Smith, Latitude 29°05', Reference 581-2,3
-11			Punta la Gringa From Over Isla Smith
-12			Spit at Bahia de Los Angeles
-13			Sand Blow Through Near Spit on Bahia de Los Angeles, Latitude 28°57'
-14		3/19/58	Scammon Lagoon;
-15			Sand Flats Just West of North Lead
-16			Crescentric Island, 2 Miles South of Crescent Island
-17-19			Marsh Just South of Entrance
BK681 -		5/15/58	Tijuana to Punta Willard, "Operation Wind

Box	Neg.	Date	Negative Title
3	-1-3		Blown"; Mounds on Desert Floor North-West of San Felipe, West of Laguna Salada, at Entrance to Guadalupe Canyon
	-4		Old Beach Line South-East of Laguna Salada
	-5		San Felipe, Latitude 31°01½'
BK681-		5/15/58	Tijuana to Punta Willard, "Operation Wind
	-6		Blown"; Truncated Fan on Coast 5 Miles South of San Felipe, Latitude 30°57'
	-7		Punta Diggs, Latitude 30°53'
	-8		Lagoon 5 Miles South of Punta Diggs, Latitude 30°50'
	-9		Puertocitos; North Beach, Latitude 30°16'
	-10		South Beach, Latitude 30°15'
	-11		Punta Willard, Latitude 29°49'
	-12		Whales
	-13		2 Whales, 3 Porpoises, And a Pontoon
	-14-15		Sargassum, South of Punta Final, Approximate Latitude 29°40'
	-16-17		Sand Delta, North of Punta Remedios, Latitude 29°28-35'
	-18		Sargassum, North of Punta Remedios, Approximate Latitude 29°29'
	-19-21		Pharmacia Volcanics, Latitude 29°19-26'

Box	Neg.	Date	Negative Title
3	K682-	3/19/58	Entrance to Scammons Looking North-West From Scammon's Lagoon to South of Santa Rosalia; Scammon's Lagoon, Marsh on North Spit
	-1-2		
	-3		Ocean Beach Between Scammon and Guerrero Negro
	-4		Guerrero Negro; Salt Company Dock
	-5		Marsh Island South of "Type" Dune Area
	-6		Entrance and Marsh
	-7-8		"Type" Dune Area
	-9		Entrance and Marsh
	K682-	3/19/58	Entrance to Scammons Looking North-West From Scammon's Lagoon to South of Santa Rosalia; Looking South Along the Spit to Scammon's Lagoon
	-10		
	-11		Volcan las Tres Virgenes, Looking East, Windblown Sand in the Foreground
	-12		Vicinity of Volcan las Tres Virgenes; Looking South
	-13-14		Recent Lava Flow
	-15		Coastal Plain North of Santa Rosalia
	-16		Horseshoe Bars Off of Stream, Latitude 27°08'
	-17		Cobble Spit in the Vicinity of Latitude 27°08'
	-18		Horseshoe Bars Off of Stream, Latitude 27°08'

Box	Neg.	Date	Negative Title
3	-19		Punta Chivato, Latitude 27°05', Looking South-East
BK682-	5/15/-		Punta Remedios to Guerrero Negro Dunes,
-1-3	5/16/58		Around Latitude 29°20', Mounds in Pharmacia Area; Punta Remedios, Latitude 29°16'
-4			Bahia de Los Angeles, Latitude 28°56'
-5			Punta la Gringa; Latitude 29°01½'
-6			and Bahia de Los Angeles, Latitude 29°02½'
-7-8			Isla Smith, Looking North-West, Latitude 29°05'
-9			Islands Near Bahia de Los Angeles, Latitude 29°01'
-10	5/16/58		Mission San Borgia
-11-12			Tent at Guerrero Negro and Personnel
BK682-	5/16/58		Punta Remedios to Guerrero Negro Dunes,
-13			Around Latitude 29°20', Mounds in Pharmacia Area; Giff and Plane at Guerrero Negro
-14			Reference Stake at Dune
-15			Miniature Barrier Beach - Sample 2C, Station 6
-16			Survey Party at Dune, Looking North-East
-17			Doug's Dune
-18			[Discarded]
-19			Structure in Dunes

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-20		Miniature Barrier Beach
K683 -1		3/19/58	10 Minutes Past Punta San Marcial; Eroded Lava Cliff Vicinity of Mulejè, Latitude 26°55'
-2			Entrance to Bahia Concepcion, Latitude 26°45'
-3			Cuspate Beach on East Coast of Bahia Concepcion, Latitude 26°42', Looking North-West
-4			Punta Poltito, Latitude 26°31'
-5			Punta Mangles, Latitude 26°16'
-6			Loreto; Cathedral From the Air
-7		3/20/58	Beach in Front of the Flying Sportsman Lodge
-8-10			Altar of Mission
-11			Bloody Christ
-12			Purple Christ
-13			Mission on Main Street
-14			Old Building
K683 -1		3/20/58	10 Minutes Past Punta San Marcial; Seawall Street of Northern Loreto
-15			
-16			Loreto From the Air, Flying Sportsman Lodge Left Center
-17			Slicks Extending South From Isla Danzante, Latitude 25°44'

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-18		Punta San Marcial, Latitude 25°30'
	-19-20		Between Punta San Marcial and Isla San Jose
BK683-	5/17/-		Dune Area to Angel de la Guardia; [Discarded]
-1	5/18/58		
	-2		Guerrero Negro Marsh
	-3		Lagoon Edge Near Dune Camp, Showing Spits
	-4		Marsh Across Bay and South of Dune Area
	-5		[Discarded]
	-6-7		Guerrero Negro Dunes From Plane
	-8-9		[Discarded]
	-10		Ocean Beach West of Guerrero Negro Dunes
	-11		Marsh Guerrero Negro, South of Causeway Road
	-12		[Discarded]
	-13		Barchane Dunes on Windward of an Obstacle, 10 Miles North-West of Los Angeles Bay
	-14		Cactus Forest North-West of Los Angeles Bay
	-15		Pan Fan by Los Angeles Bay
	-16-17		Spit at Los Angeles Bay
K684-1	3/20/58		Coastline of Peninsula North of La Paz; Around Latitude 24°14', Between Punta San Marcial and Isla San Jose
K684-2	3/20/58		Coastline of Peninsula North of La Paz; Cuspate Spit on West Coast of Isla San Jose, Latitude 25°02½'; Looking South-East

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-3		Looking North
	-4		Spit South-West Point of Isla San Jose, Latitude 25°02½'; Looking South-East
	-5		Looking West
	-6		Pocket Beach on Small Island South-West of Isla San Jose, Latitude 24°51', Looking North
	-7		Punta Coyote, Latitude 24°44'
	-8		Delta Headland Just South of Punta Coyote, Latitude 24°29'
	-9		Spit at Encinada de la Paz, Latitude 24°10'
	-10		City of La Paz
	-11		Embayment (Calcareous?), 2 Miles West of Punta Coyote, Latitude 24°21'
	-12		White Sand Beaches and Offshore Bars in Volcanic Embayment Just West of Punta Coyote (Mangroves in Lagoon?)
	-13		Sand Delta Near Santa Cruz, Latitude 24°14'
	-14		Lava Dikes on Beach South of Punta Pescadores, Latitude 23°45'
	-15		Punta Arena, Latitude 23°33'
	-16		Reef Near Cardonal, Latitude 23°18'
	-17-18		Barrier Beach and Lagoon at San Jose del Cabo, Latitude 23°02'

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-19-20		Ocean Beach at Pamilla, Latitude 22°59'; From Ground
	-21		From Air
BK684-	5/18/58		Isla de la Guardia (East Coast), "Operation Wind Blown"; South-East Point, Latitude 29°03½'
	-1		
	-2		Island Off East Point, Latitude 29°04'
	-3		Truncated Fan on Coast a Few Miles North, Approximate Latitude 29°06'
	-4		Lagoon Behind Cuspate Spit 8 Miles North of South-East Point
	-5		Stream - Dry Wash, Approximate Latitude 29°14'
	-6		Looking West from Punta Rocosa, Latitude 29°18'
	-7		Headland West of Punta Rocosa (see -6), Latitude 29°18', Longitude 113°15' West
	-8		Lagoon and Tombolo in East Bite, Around Latitude 29°18', Longitude 113°22' West
	-9		West Lagoon in East Bite, Latitude 29°22', Longitude 113°23'
	-10		Islands Pharmacia; Latitude 29°25'
	-11		Latitude 29°28'
	-12		Coastline Near North Point, Latitude 29°32'
	-13		Sandy Island off North-East Point, Looking North, Latitude 29°34½', Longitude 113°33'

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-14		Islands off North Point, Looking West, Latitude 29°34½', Longitude 113°35' West
	-15		Ruth as Plane Passenger
	-16		Ruth as Co-Pilot
BK685-1			Santa Clara to Laguna Salada, "Operation Wind Blown"; Glitter Pattern on Water from Plane, Compound Spit South-East of Santa Clara, Latitude 31°35', Longitude 114°20'
BK685-	5/18/58		Santa Clara to Laguna Salada, "Operation Wind Blown"; Multiple Spits South-East of Santa Clara, Latitude 31°38, Longitude 114°24'
-2-3			
-4-5			Recurved Spits South-East of Santa Clara, Latitude 31°38', Longitude 114°26'
-6-10			Santa Clara Compound Spits, Latitude 31°41', Longitude 114°31'
-11-12			Delta of Rio Hardy; Latitude 31°46', Longi- tude 114°36'
-13			East Island, Latitude 31°44', Longitude 114°37'
-14-19			Isla Montague, Latitude 31°48, Longitude 114°45', Looking South-West
-20			Panfan East of Laguna Salada

END OF GULF OF CALIFORNIA SERIES

3	BK685-	5/18/58	Santa Clara to Laguna Salada, "Operation Wind Blown"; Multiple Spits South-East of Santa Clara, Latitude 31°38, Longitude 114°24'
	-2-3		

Box	Neg.	Date	Negative Title
3	-4-5		Recurved Spits South-East of Santa Clara, Latitude 31°38', Longitude 114°26'
	-6-10		Santa Clara Compound Spits, Latitude 31°41', Longitude 114°31'
	-11-12		Delta of Rio Hardy; Latitude 31°46', Longitude 114°36'
	-13		East Island, Latitude 31°44', Longitude 114°37'
	-14-19		Isla Montague, Latitude 31°48, Longitude 114°45', Looking South-West
	-20		Panfan East of Laguna Salada
K685-0		3/22/58	Town of Puerto Vallarta, Latitude 20°36' North
	-1		Puerto Vallarta From the Air
	-2-3		Barrier Beach South of Ixtapa - Recently Over-topped by Waves, North Littoral Drift, Latitude 21°21'
	-4-6		Elongate (Beach) Ridges on Chenier Type Plain, Latitude 21°54' North, Longitude 105°32' West
	-7-20		[Discarded - Bad Exposures]
K686-			Rip Currents Between Rio del Baluarte and Mazatlan, Latitude 22°55' North
	-1-4		
	-5-7		Harbor at Mazatlan and Offshore Islands, Latitude 23°11'
	-8		Cathedral at Mazatlan

Box	Neg.	Date	Negative Title
3	-9		Beach North of Mazatlan Showing Damage from Hurricane of 21 October 1957, Latitude 23°13'
	-10		Coastline Near Santa Maria About Latitude 24°
K686-	3/22/58		Dunes on Barrier Beach Encinada del Pabellon, Latitude 24°26'
	-11		
	-12		Depositional Headland North of Encinada del Pabellon, Latitude 24°41'; Looking North-West
	-13		Looking South
	-14-15		Entrance to Bahia Santa Maria Looking South, Latitude 25°08' North
	-16		Mountains Protruding From the Marsh of Bahia de Navachiste, Latitude 25°31', Longitude 108°50'
	-17		Headland at Bahia de Topolobanya, Latitude 25°31'; Looking North-West
	-18		Looking South-East
	-19		Beach Just North of Punta Ahome Cutting Across Old Barriers, Latitude 26°01'
	-20		North Spit of Esterro de Agiabampo, Looking South, Latitude 26°24'
	-21		Old Pleistocene South of Punta Rosa, Latitude 26°39'
K687-	1		Dunes on Isla Huivuilay, Latitude 27°04'
	-2		Entrance North of Isla Huivuilay, Latitude 27°07'
	-3		Dunes on Isla Huivuilay, Latitude 27°04'

Box	Neg.	Date	Negative Title
3	-4		Intertidal Dunes on Spit North of Isla Huivuילay, Latitude 27°06'
	-5		A Spit
	-6		Isla Lobos Looking South, Latitude 27°21'
	-7		Delta of the Yaqui River, Latitude 27°36'
	-8		Entrance to Bay, 15 Miles North of Yaqui River, Latitude 27°51'
K687-	-9	3/22/58	Spit Just South of Guaymas with Stack, Latitude 27°53'
	-10-11		Sunset From Ochiabampo Beach, Guaymas, Latitude 27°55'
	-12	3/23/58	Ochiabampo Beach, Latitude 27°55'; Guaymas From Ground,
	-13		Harbor, Guaymas From Ground
	-14		Guaymas From Air
	-15		Vicinity of Punta San Antonio Near Guaymas From Air, Latitude 27°57'
	-16		Punta San Antonio From Air, Latitude 27°57'
	-17		Vicinity of Punta San Pedro, Latitude 28°03'
	-18-19		Morro Colorado? (Red Lava Headland), Latitude 28°15'
	-20		Dunes and Cliffs North of Punta Baja, Latitude 28°39'
	-21		Bahia Kino, South Spit, Latitude 28°56'

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	K688-1		Cliffed Coastline Just South of Isla Tiburon, Latitude 28°54'
-2			East Spit, Estrecho Infiernillo, Tiburon, Latitude 28°56';
-3			Looking East
-4			Recurved Spit on East Side of Estrecho Infiernillo, Latitude 28°59'
-5			North-East Coast of Isla Tiburon, Latitude 29°08'
-6			North-East Spit, Isla Tiburon, Latitude 29°12'
-7			Sand Bars off North-East Spit, Isla Tiburon, Latitude 29°12'
K688- -8	3/23/58		Punta Sargento Tomolo North of Tiburon, Latitude 29°16'
-9			Bay South of Cabo Lobos, Latitude 29°54'
-10			Offshore Bars Along a Straight Coast North of Cabo Tepoca, Latitude 30°18'
-11			Sand Delta Rio de la Concepcion, Latitude 30°33' North
-12			South Spit of Bahia de San Jorge, Latitude 31°0' North
-13			End of Spit of Bahia de San Jorge, Latitude 31°04'
-14			Barrier Islands and Overwash, Bahia de San Jorge, Latitude 31°12', Longitude 113°07'

INMAN 89-18 - GULF OF CALIFORNIA

Box	Neg.	Date	Negative Title
3	-15		Recurved Spit East End of North Barrier Island of Bahia de San Jorge, Latitude 31°14', Longitude 113°13'
	-16-17		Town of Punta Peñasco, Latitude 31°18', Longitude 113°33'
	-18		South Spit of Bahia de Adair, Looking South, Punta Peñasco in Background, Latitude 31°27', Longitude 113°39'
	-19		Dunes Formed by Wind From South-West, Between Santa Clara and Bahia de Adair, Latitude 31°38', Longitude, 114°11'
	-20		Compound Spit South-East of Santa Clara, Latitude 31°35', Longitude 114°20'
	-21		Multiple Spits South-East of Santa Clara, Latitude 31°38' North, Longitude 114°24' West

END OF GULF OF CALIFORNIA SERIES

K689-	5/58	Frames 1-3 Over Utah, The Rest in Paris
-1	5/25/58	Ending in Versailles - European Trip Near Zion National Park - South West
K689-	5/25/58	Zion National Park
-2-3		

EUROPE SERIES - FRANCE

3	-4	Snow Field
	-5-7	5/26/58 Countryside West of Paris
	-8	5/27/58 View From Window of Hotel Powers
	-9-11	Arc d'Triomphe
	-12-14	Tuilleries, Louvre

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-15		Mona Lisa
	-16		Tuilleries From the Louvre
	-17		Arc d'Triomphe From the Louvre
	-18		Barge in the River Seine
	-19		Palace Dauphine, Pont Neuf Foreground
	-20		River Seine
	-21		Street Scene
	-22-23		Palace Dauphine
	-24		Building on Ile de la Cite'
	-25		Old Paris South of Seine
	-26		Notre Dame
	-27		Street Scene
	-28		Notre Dame
	-29		Street Scene Near Hotel Powers
	-30		Latrine on Busy Street Corner, Paris
	-31	5/28/58	Versailles Palace, Statue of Louis XIII
	-32		Versailles Palace, Golden Doors
	K689-	5/28/58	Chapel at Versailles Palace
	-33		
	-34-36		Gardens at Versailles Palace
	-37		Versailles Pool

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	K690-		Marie Antoinette's Hamlet, Garden
	-1-2		
	-3-6		Hamlet
	-7		Arc d'Triomphe [Out]
	-8	5/30/58	Armeau, Mon Ami Hotel, River Yonne
	-9-10		Armeau, River Yonne
	-11		Street Scene, Armeau
	-12-14	5/31/58	Auxerre, Cathedral
	-15		Auxerre From Distance
	-16-17		Von Andel Col du Chat, Lac Bourget
	-18	6/1/58	French Alps, Road Scene
	-19		Our Renault and Frence Alps
	-20		French Industrial Town
	-21		Near Megeve, French Alps
	-22-23		Alpine Poppies
	-24		Near Megeve With Mount Blanc in Background
	-25		Near Megeve, Country Scene
	-26		French Alps
	-27		Houses
	-28		Chateau in French Alps
	-29		Mount Blanc

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	K690-	6/1/58	Near Cluses, French Alps
	-30-32		
	-33		Waterfall Near Cluses
	-34		Near Cluses, French Alps
	-35		Thonon on Lac Lemane
	-36		Oceanographic Station, Thonon

EUROPE SERIES - SWITZERLAND

3	K691-1	6/7/58	Vineyards Between Lausanne and Vevey
	-2		Flowers Near Saint Saphorin
	-3-4		Vineyards Near Saint Saphorin
	-5		Saint Saphorin
	K692-		End at Matterhorn on 8 June 1958
	-1-2	6/7/58	Lac Lemane From Hotel du Parc, Mont Pelerin
	-3		Delta of the Rhone From Mont Peterin
	-4-5		Veve, Delta of Rhone
	-6-8		Coastline South-East of Veve
	-9-10		Montreux, Switzerland
	-11		South of Montreux
	-12		Chateau de Chillon, cf Lord Byron's poem
	-13		Delta of Rhone
	-14		Shore of Lac Lemane

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-15		5th Sedimentological Congress, Foreground: Head of Russian Delegation, Bezroukov
	-16-17		Convergence at Mouth of Rhone
	-18		Swiss Alps
K692	-19	6/7/58	Swiss Alps Vicinity of Saint Gingolph
	-20		5th Sedimentological Congress, Melle Cardoso da Silva (Brazil); Frenchman; Mathur; Francini; Rukhine
	-21		Swiss Alps Near Bouveret
	-22		Swiss Alps in Vicinity of South Gingolph
	-23		Swiss Alps, South Side of Lake Geneva
	-24	6/8/58	Valley of Rhone River Looking South From Near Martiguy
	-25-26		Goins on River Rhone;
	-27		Near Visp, Sevitz
	-28		Funicular Between Visp and Zermatt
	-29		Visp - Zermatt
	-30-31		Matterhorn From Zermatt; 14,700 Feet
	-32		Zermatt From Lift; 5,300 Feet
	-33		Klein, Matterhorn Glacier
	-34		Matterhorn From Scharzee
	-35		Inman Beside the Matterhorn
	-36		Francini

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-37		Matterhorn With Cloud
	K693-		Ending With Roman Forum
	-1-2		Klein Matterhorn Glacier From Schwarzee
	-3		Zermatt From Schwarzee
	-4		Klein - Matterhorn
	-5		Zermatt From Schwarzee
	-6		Zinalrothorn
	K693-7	6/8/58	Matterhorn
EUROPE SERIES - ITALY, etc.			
3	-8	6/9-10/58	Monaco, Place Saint Devoté
	-9-10		Muséé Oceanographique
	-11		West Monaco From Palace Ground
	-12		Monte Carlo From Museum
	-13		Port of Monaco
	-14		Monaco - Monte Carlo
	-15		Admiral and Mrs. Knox of International Hydro- graphic Bureau
	-16		Monaco
	-17		Port de Monaco
	-18		Port de Monaco From Hotel Bristol Crane On Hotel de Paris
	-19	6/12/58	Villafranche Harbor

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-20		Beach at Nice
	-21		Airport at Nice
	-22	6/13/58	Quai at Napoli, Stazione Zoologica in Clumps of Trees, Vesuvius in Background
	-23		Naples, Fishing Boats
	-24	6/14/58	Roma, Colosseum and Arch of Constantine
	-25		Frances Koffman with Roman Embassy
	-26		Colosseum Inside
	-27		Looking Towards Forum
	-28		Colosseum
K693-	6/14/58		Arch of Constantine
	-29		
	-30-31		Colosseum
	-32-33		Arch of Constantine
	-34		Arch of Titus with Masonry
	-35		Basilica of Constantine, Roman Forum
	-36		Arch of Titus; Roman Bricks
	-37		Wisteria in Roman Forum
K694-1			Temple of Vesta, Arch of Augustus
	-2		Temple of Antonius and Faustina
	-3-4		Atrium Vestae
	-5		Temple of Vesta

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-6-7		Foreground; Pink Granite Columns of Portico of the Basilica Emilia; Temple of Antonius and Faustina; Arch of Titus
	-8	6/15/58	Piazza Repubblica, Roma

EUROPE SERIES - HOLLAND

3	-9	6/16/58	Haren - Ten Haaf House; Holland
	-10		Street in Haren
	-11	6/17/58	Sand Flats South Shore of Ameland
	-12-13		Sand Excreta From Worms
	-14		Core in Sand Flats From Oxidized to Reducing
	-15-16		Mussel Bed at Edge of Mud Flats, South Side of Ameland
	-17		Van Straater Coring in Mud Flats
	-18		Worm Borings in Mud
K694-	6/17/58		Lamination in Mud Flat
	-19		
	-20		Lamination in Sand Core
	-21		Mud Flats
	-22		Erosion of the West Coast of Ameland Site of Sample #17-1, June 1958
	-23		Lamination of Quartz and Garnet - Beach, North-West Coast of Ameland
	-24		Ripples on Beach, North-West Coast of Ameland On-Shore to the Left

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-25		Marsh Deposits Exposed on Beach North-West Coast of Ameland, 17th Century Wagon Tread
	-26	6/18/58	Dike on the New East Polder
	-27		Structure of the East Polder Dike
	-28		Kampen, Holland
	-29		Station 1 East Polder Sail Profile
	-30-31		Sail Profile Station 2 East Polder
	-32		Station 3, East Polder
	-33		New Fields Station 4, East Polder
	-34-35		Peat and Load Casts, Station 4, East Polder
	-36		Water Standing in East Polder
	K695-45		Columnar Basalt at Toe of Dike, East Polder
	-1-2		Dike East Polder
	-3		Columnar Basalt at Toe of Dike, East Polder
	-4-5		Investigating Sea Floor, East Polder
	-6-9		Mud Cracks and Fishing Weight Cast, East Polder
	K695-	6/18/58	First Harvest, New Polder
	-10		
	-11		Leaning Buildings in Kampan
	-12		Canal in Kampan
	-13	6/19/58	Pre-Polder Island North-East Polder - Now Schokland Museum

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-14		Excavation of a Ship Wrecked About 1580 Near Pre-Polder Island
	-15		Net Weights
	-16-17		North-East Polder Stop 2, Ripple Marks, [Lambda] = 6 Centimeters, O = 1 Centimeter Sample 3C and T
	-18		Distant Profile Near Ripples
	-19		Leaning House, Kampen
	-20		Model at Water Loop, Kundig Laboratory, Vollenhove, Nederlands

EUROPE SERIES - ENGLAND

3	-21	6/23/58	Offord Street, London
	-22-23		Big Ben, London
	-24		House of Parliament;
	-25		River Thames
	-26-27		Tower of London
	-28-29		Guard at Tower of London
	-30		Plaque in Tower of London
	-31		Tower Bridge

END OF EUROPE SERIES

3	696- -1b-2	n.d.	Diagrams Used in Talk Given at International Conference - Geneva
---	----------------------	------	--

Box	Neg.	Date	Negative Title
3	697	3/28/58	Santa Monica Slide Area (Aerial Photo Taken Looking Toward Slide From Ocean)
	698- -1-4	n.d.	Ray Gilmore Negatives of Canyon Silt Distributed
	699- -1		Kauai Rainfall Chart
	-2		Kauai Physiographic Chart
	-3		Kauai Topographic Chart
	700	8/14/58	Irradiated Sand Histogram
	701- -1	1954	?Coronado
	-2	7/57	Coronado Golf Course
	-3	3/58	Coronado Golf Course
	702- -1	8/27/58	Ancient Beach Formation at La Jolla in the Excavation of Lab 2, Ritter Hall
	-2		Ripples Outlined by Mud Excavation P-14 Looking North
	-3		Contact of Alluvium and Beach Formation; Excavation L-14
	-4		Excavation P-14, North Side With 1 Foot Measure
	-5		Excavation P-13, North Side With 1 Foot Measure
	-6		Contact of Excavation Showing Holes, P, M, L, 12-14
	-7		Contact of Excavation East Wall of J14
	-8		Contact of Excavation M-12, South Wall

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-8		Contact of Excavation P-12, North Wall
703 -1		7/8/58	Beach Profile Line, Santa Barbara
	-2		Beach Area Santa Barbara; Looking North
	-3		Looking South
	-4		???
	-5	8/9/58	Beach Survey, Morro Rock; Looking North
	-6		Looking Shoreward
	-7		Winter Berm, Looking North
	-8		Morro Rock, Close-Up With Western Berm Face
	-9		Boat Launching Area Morro Rock
	-10		Indian Bowl on South Spit, Morro Rock
	-11		???
	-12		Inside Spit, Morro Bay and City
704 -1		7/10/58	Beach Profile, Mass Landing, Monterey Bay
	-2		???
	-3	7/12/58	Beach Profile, Bodega Bay; Looking South
	-4		Looking Shoreward
	-5	7/13/58	Beach North Side of Noyo Channel (Samples)
	-6		???
	-7	7/14/58	Mouth of 10 Mile River, North of Noyo
	-8		Cliffs, Mouth of 10 Mile River, Showing Large Swell

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-9		???
	-10		Eureka Beach Profile; Looking North
	-11		Looking Shoreward
	-12		Looking South
705 -1		7/15/58	Tetropods on Crescent City Seaward Jetty
	-2		Dunes Beach Profile, Crescent City
	-3	7/17/58	Bastendorff Beach, Coos Bay, Beach Profile
	-4		Old Fossil Dunes, Charleston Harbor, Coos
	-5		Bastendorff Cliffs, Old Beach and Dunes
	-6		Beach Survey at Coos Bay, Looking Shoreward
	-7-9		Bob Tankford and Coning Device, Coos Bay
706 -		7/18/58	Dune Area North of Coos Bridge
	-5-7		
	-8	7/17/58	Depoe Bay, Oregon; From Seaward
	-9		Inside Bay
	-10		???
	-11	7/20/58	Sail River Mouth, Washington
	-12		Sail River, Looking North-East, Canada in Back
707			[Not Used]

Box	Neg.	Date	Negative Title
HAWAII SERIES - KAUAI			
3	708-	1/8/59	Beach Back of Kapaa Reef; Samples K63-K69
	-1-7		
	-8-9	1/10/59	Kipu Kai Valley and Point Kawelikoa;
	-10		North Beach, Rock Foreground Sample K73
	-11		Swash Mark Near Sample K73
	-12		Kipu Kai Valley; and Point Kawelikoa
	709-1		Beach Rock by Waterhouse Ranch, Sample K74
	-2		Waterhouse Ranch
	-3		Looking North-East From Point by Ranch
	K709-4	1/10/59	Kipu Kai; Solution Holes in Dune Rock
	-5-6		Long Beach, Samples K75-K76
	-7		Cross Bedding in Dune Rock, Sample K77, Strike North 34 East, Dip 31° South-West
	-8		Wild Beach, Faces North-East; Looking North-West, Sample K78
	-9		Looking East
	-10-11		Waterhouse Ranch and Cove
	-12	1/12/59	Oomano Point, Sample K83
	710-1		---
	-2	1/14/59	Japanese Net Float, Barking Sands Beach
	-3-12		Beach Rock North of Nohili, Samples K86-K87

Box	Neg.	Date	Negative Title
HAWAII SERIES			
3	K711- -1-3	n.d.	[Untitled]
	-4	1/7/59	Lihue
	-5-6	1/8/59	North Kapaa; Near Sample K66
	-7		Near Sample K68, See Photo 708-6
	-8		Beach
	-9	1/10/59	Lihue Stocks
	-10		Mount Waialeale
	-11-12		Kipu Kai
	-13		On Grade Into Kipu Kai
	-14		Kipu Kai; From Sample K73
	-15		North Reef
	K711- -16	1/10/59	Kipu Kai; Swash Mark
	-17-18		Beach Rock Near Waterhouse Ranch
	-19		Looking Toward North Reef
	-20		Aligator Head
	-21		Aligator Head Dune Rock
	K712-8		Long Beach
	-9-10		Long Beach With Aligator Head in Background
	-11		Nip on Kawelikoa Point

Box	Neg.	Date	Negative Title
3	-12		Cross Bedding in Dune Rock, Aligator Head (See 709-7)
	-13-15		Wild Beach
	-16		Ruth Collecting Shells
	-17		Waterhouse Ranch
	-18		Near Waterhouse Ranch
	-19		Aligator Head
K713-1		1/14/59	Oomano Point (Same as 709-12)
	-2		Ruth and Net Float at Barking Sands
	-3-5		Barking Sands
	-6-9	1/15/59	Lumanai Beach
	-10-11	1/18/59	John, Mark, and Scott

SUBMARINE CANYON SERIES

3	714-1	11/19/58	_ Station 4
	-2		_ Station 3
	-3		_ Station 2
	714-	11/19/58	Beach Erosion After Severe Storm of 16 November; (_ Station 2)
	-4-5		
	-6		(_ Station 1)
	-7		_ Station 1
	-8		Beach (Showing _ Stations) at Head of Submarine Canyon

INMAN 89-18 - SUBMARINE CANYON

Box	Neg.	Date	Negative Title
3	-9		Beach Erosion Near _ Station 2
	-10		---
	-11		Swash Marks at Head of Submarine Canyon
	-12		Beach (Showing _ Stations) at Head of Submarine Canyon
715-			Concentrations of Kelp and Other Organic
-1-12			Debris at the Heads of South and Sumner Branches of Scripps Submarine Canyon After Severe Storm of 15-16 November
716-2	12/8/58		Transit at _ Station 3, Head of Scripps Submarine Canyon
-4-5			Jeep and Jetting Equipment at the Head of Sumner Branch of Scripps Submarine Canyon
-8-10			Jetting Operations
-11			Rip Channel, Sumner Branch Head
-12			"Desperados"

END OF SUBMARINE CANYON SERIES

3	717-	n.d.	Princeton
	-1-10		

BAJA CALIFORNIA SERIES
San Felipe to Punta Willard

3	718-1	2/6/59	North Beach Puertocitos, Breakfast Time, Looking North-West
	718-2	2/6/59	North Beach Puertocitos, Breakfast Time, Looking North

Box	Neg.	Date	Negative Title
3	-3-4		Horizontal Beach Rock Sand Flat, North of Puertocitos Beach
	-5		Puertocitos South Beach ≈ 0945
	-6		Pocket Beach 3 Miles South of Puertocitos
	-7		Road 17 Miles South of Puertocitos
	-8		1 Hour and 25 Minutes South of Camp - 30 Miles? South of Puertocitos, Cluffed Outwash Plain
	-9		2 Hours and 40 Minutes South of Camp, Punta Willard Looking South-East
	-10	2/7/59	13 Miles South of Puertocitos, Island and Coastline
	-11		11 Miles South of Puertocitos, Looking South Along Coastline
	-12		Outcrop of Beach Rock - West Side of South Puertocitos Beach
719-		2/3/59	[Discard]
-1-2			
	-3-4		Punta Estrella Coquina, Beach Rock?
	-5		Looking South From Punta Estrella - Coquina in Foreground, 1½ Miles North of Camp
	-6		Mudcracks on Floor of Old Inlet at "Hole" 1½ Miles South of Camp
	-7		Midden Point, First Arroyo, 2 Miles South of the "Hole", Looking North
	-8		Camp
	-9	2/4/59	Bench Mark at "Hole"

Box	Neg.	Date	Negative Title
3	-10		"Hole" Station Looking North
	719 -11	2/4/59	"Hole" Station Bench Mark Looking West
	-12		"Hole" Station Looking West at Back Range
	720 -1		[Discard]
	-2		Aqua de Chale Camp (Due East of Sulphur Camp)
	-3		Backsite From Bench Mark, Aqua de Chale Camp
	-4		Cross Range, Aqua de Chale Camp
	-5		Looking South, Aqua de Chale Camp
	-6		Fueling Shrimp Boat
	-7-8		San Felipe
	-9-11		Coastline North of San Felipe Lighthouse
	-12		San Felipe From Lighthouse
	K721 -	2/3/59	Punta Estrella Coquina, Beach Rock?
	-a,1-2		
	-3		Looking South From Dune Ridge, Punta Estrella
	-4		Looking South From Cliff, Punta Estrella
	-5		Mudcracks on Floor of Old Inlet at "Hole", 1½ Miles South of Camp
	-6		Looking North From Midden Point, 2 Miles South of the "Hole", First Dry Stream
	-7	2/4/59	Bench Mark at "Hole"
	-8		Hole Bench Mark, North Bench Mark in Back
	-9-10		Osprey Nest ¼ Mile Inland From Camp

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-11		Dune Buggy
	-12	2/6/59	North Beach Puertocitos, Breakfast Time; Looking North-West [See 718-1]
	-13		Looking North [See 718-2]
K721-	-14	2/6/59	Horizontal Beach Rock, Sand Flat, North Puertocitos Beach [See 718-3,4]
	-15		Puertocitos South Beach ≈ 0945 [See 718-5]
	-16		Pocket Beach 3 Miles South of Puertocitos [See 718-6]
	-17		Strip Road 13 Miles South of Puertocitos
	-18		Strip Road 14 Miles South of Puertocitos
	-19		Camp Pocket Beach 15 Miles South of Puertocitos
	-20		[Discard]
K722-a			Road 17 Miles South of Puertocitos - Outwash Plain
	-1		1 Hour and 25 Minutes South of Camp - 30 Miles? South of Puertocitos, Cliffed Outwash Plain [See 718-8]
	-2		2 Hours and 40 Minutes South of Camp, Punta Willard Looking South-East [See 718-9]
	-3		Gulf Side of Tombolo, Punta Willard, Looking South-East
	-4-6		Bay Side of Tombolo, Punta Willard, Looking South-East at Beach Rock Outcrop
	-7	2/7/59	13 Miles South of Puertocitos, Island and Coastline [See 718-10]

Box	Neg.	Date	Negative Title
3	-8		11 Miles South of Puertocitos, Looking South Along Coastline [See 718-11]
	-9		Outcrop of Beach Rock - West Side of South Puertocitos Beach [See 718-12]
	-10		Aqua de Chale Camp (Due East of the Sulphur Mine)
	-11	2/8/59	San Felipe
	-12		Coastline North of San Felipe Light House
	K722- -13-14	2/8/59	San Felipe
	-15		Fueling Shrimp Boats - San Felipe
	-16		Between San Felipe and Mexicali
	-17	2/6/59	6 Miles South of Puertocitos

MARSH FIELD TRIP, CLASS 223, SERIES

3	723-1	3/26/59	West Embayment, Tierra Del Fuego, With Dredge Pipe in Background
	-2-5		Coring on Scripps Marsh
	-6		[Discard]
	-7		Erosion of the North-West Point of Tierra del Fuego
	-8-9		Spit on Lisalde (Pacific) Cove
	-10-12		Cores

Box	Neg.	Date	Negative Title
GUERRERO NEGRO DUNE AREA SERIES			
3	724- -1-4		"Type" Dune Area
	-5		Guides, etc.
	-6		Elevation 1000 Feet, "Type" Dune Out of Photo on Lower Right
	-7-12		[Discard]

END OF GUERRERO NEGRO DUNE AREA SERIES

3	725	4/10/59	Sand Lake, Oregon
	726-1	1920s	Aerial View of Newport Bay
	-2	1921	General View of Newport Beach and Bay Looking Down Coast From 44th Street
	726-3	1921	Ocean Beach Looking Down Coast From Newport Pier
	727	n.d.	South Anglia Marsh, Norfolk Coast

SANTA BARBARA PLANE TRIP SERIES

See Color Photos Under K770

3	728- -1-2	5/15/59	Aqua Hedionda Lagoon, 11:30 P.S.T.
	-3		Camp Del Mar Boat Basin
	-4		San Mateo Creek
	-5-6		Dana Point
	-7		South Laguna Beach

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-8-12		Newport Bay, 12:00 P.S.T.
	729-1		[Discard]
	-2		[Untitled]
	-3-5		North End Los Angeles Breakwater ≈ 12:05
	-6		Palos Verdes Hills, 12:10
	-7		Redondo Breakwater, 12:15
	-8		Ballona Creek Jetties
	-9		Old Venice Pier Breakwater
	-10		Santa Monica Breakwater
	-11		Santa Monica Slides, By-Pass 101, 12:30
	-12		[Untitled]
	730- -1-4		[Discard]
	-5		Port Hueneme, 12:50 P.S.T.
	-6		Beginning of the Ventura County Breakwater
	730-7	5/15/59	Richfield Island at Rincon
	-8-9		Santa Barbara Harbor, 13:10
	-10		U.C. Santa Barbara
	-11		Class in Giff's [Ewing] Plane
	-12		Point West of University
	731-1		[Untitled]
	-2		Santa Barbara Breakwater, 15:00

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-3		Mugu Spit
	-4		Malibu Point
	-5		Santa Monica Slides, By-Pass
	-6		Old Venice Pier
	-7		Redondo Breakwater \approx 16:00 P.S.T.
	-8-11		Newport
	-12		South-East Newport Jetty

OCEANOGRAPHY 223 CLASS FIELD TRIP SERIES
Gulf of California, 21-26 May 1959

3	732-1	5/59	Class Field Trip to Punta Estrella
	-2-3		1 Mile North of El Major (About Kilometer 75)
	-4-6		[Untitled]
	-7		Camp Beach
	-8-11		Coquina Point (Punta Estrella)
	-12	5/22/59	Camp Beach
	733-	5/59	Camp Beach
	-1-2		
	-3		Toe of Beach
	733-4	5/59	Low Tide Terrace
	-5		Laminations in Beach Face
	-6		[Untitled]
	-7		Spit $\frac{1}{2}$ Mile South of "Hole" (Punta Diggs)

Box	Neg.	Date	Negative Title
3	-8-9		Critique on Berm
	-10-12		Rill Marks at Toe of Beach and Swash Marks at Beach Face
734-	5/24/59		Heavy Mineral Laminations at Beach Profile Station 60
-1-3			
-4			Looking North From 1 Mile South of Midden Point, Note: Tidal Area Behind Beach Ridge
-5-8			Beach 3/4 Mile North of Camp
-9			Coquina Surface 1/2 Mile Inland, 3/4 Mile North of Camp
-10			Caliche Surface 1/2 Mile Inland
-11			Rill Marks at Toe of Beach and Swash Marks at Beach Face
-11			Rill Marks at Toe of Beach and Swash at Beach Face
-12			Critique on Berm
735-	15/59		[Untitled]
-2			Critique on Berm
-3			Coquina - Caliche Outcrop Over Granite - Dark Coloration Due to Growth Over Granite
-4			Looking South to Coquina Point
-5			Soil Horizon Just South of Granite Point
-6			Looking Towards San Felipe
-7			Granite Point
735-8	5/59		Looking South From Punta Uno Dune

Box	Neg.	Date	Negative Title
3	-9-12		[Untitled]
K736-	5/21/59		Stream Terraces? 1 Mile North of El Major
-1-2			(Approximately 75 Kilometers)
-3			Wind Blown Sand Against Mountain South of El Major
-4	5/22/59		Looking North to Granite Point From Coquina Point
-5-6			Dipping Beds, Coquina Point
-7			Beach North of Coquina Point
-8			Waves Eroding Tide Gauge, Camp Station
-9			Tidal Lagoon Entrance South of Midden Point
-10			Beach South of Midden Point, Thompson and Calvert Foreground
-11			Tidal Overflow in the Stream at Midden Point
-12	5/23/59		Tide Gauge
-13			Beach at Hole Station, Looking North
-14-15			Rill Marks at Toe of Beach, Hole Station
-16			Ripple Marks on Foreshore Terrace, Hole Station
-17			Outer Bar South of Hole
-18-21	5/24/59		Heavy Mineral Laminations at Camp Station (Minerals Plunge Under Beach at Station 50)
K737-			Looking North Towards Midden Point, Note:
-1-2			Tidal Overflow Behind Beach Ridge
-3-5			Beach Face $\frac{1}{4}$ Mile North of Camp

Box	Neg.	Date	Negative Title
3	-6		Coquina Formation Inland From Camp Station
	-7		Swash Marks at Camp Station
K737-8		5/24/59	Granite Point Sedimentary Contact
	-9		Coquina Point From Granite Point
	-10		Granite Point Showing From Bottom to Tip Coquina Slabs, Coquina Bed Upper Coquina Horizon (Lower Man)
	-11		Beach North of Granite Point (Caliche Horizon Upper Man) Eroded Alluvian, Dune
	-12		Granite Point
	-13		Point Estrella Beaches From High Dune Near Punta Uno

**CLASS FIELD TRIP TO BAJA CALIFORNIA SERIES
Punta Estrella, 21-27 May 1959**

3	738-1	5/22/59	Looking North From Midden Point \approx 18:00 P.S.T.
	-2		Saguaro West of Camp
	-3		Coquina Point? About 8:30 P.S.T.
	-4		$\frac{1}{4}$ Mile South of Midden Point - Channel Draining Overflow Behind Berm
	-5		Mud Cracks at Hole
	-6		Cusps Forming on Berm at 14:00 P.S.T., Camp
	-7		Punta Uno From $\frac{3}{4}$ Mile North of Camp
	-8		$\frac{3}{4}$ Mile North of Camp; \approx 17:00
	-9		\approx 18:00

INMAN 89-18 - CLASS FIELD TRIPS

Box	Neg.	Date	Negative Title
3	-10		Laminations at Camp Station
	-11		Coquina Point From Granite Point
	-12		Swash Marks at Camp Station
	-13		D'Anglejan, Gayman, Inman in Dune Buggy

CLASS FIELD TRIP TO SANTA BARBARA SERIES
Aerial Photos from Giff Ewing's Plane

3	739-1	5/15/59	11:50 - Dana Point
	-2		11:55 - South Laguna Beach
	-3-4		12:50 - Port Hueneme
	-5		12:50 - Near Rincon
	-6		13:00 - Richfield Island at Rincon Point
	-7		13:05 - Santa Barbara
	-8		13:05 - Coal / Oil Point, Goleta
	-9		13:10 - U.C. Santa Barbara, Goleta Point
	-10-11		[Unidentified]

END OF CLASS FIELD TRIP SERIES

3	740-1		Kapaa Reef Section
	-2		Punta Estrella
	-3		Kapaa Reef; K-2-21
	-4		Bathymetry
	-5		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-6		Kapaa Reef, Kauai

DYED SAND EXPERIMENT ON TORREY PINES BEACH SERIES

3	741-1	6/12/59	[Untitled]
	-2		First Experiment; 11:15 - Dyes Sand Placed on Beach
	-3		11:16 - 20 Foot Square Spread, 11:15-11:16 = 3 Inundations
	741-4	6/12/59	First Experiment; 11:17 - 30 Foot Square Spread, 11:16-11:17 = 2 Inundations
	-5		11:18 - 40 Foot Spread, 11:17-11:18 = 3 Inundations
	-6		11:40 - Dyed Sand Placed on Beach
	-7-8		11:41 - 10 Foot x 6 Foot Spread, 11:40-11:41 = 2 Inundations, Graham Evans Placing Rods To Mark Progression
	-9		11:41 and 45 Seconds
	-10		11:42 - 20 Foot Spread
	-11		11:45 - 30 Feet x 15 Feet Shoreward, 12 Feet Seaward
	742-1		"D" Range Sand Level Change
	-2-4		Mexican Aerial Photographs - Spit?
	-5		Beach Profile - Related Terms
	-6		Nearshore Current System - Related Terms

Box	Neg.	Date	Negative Title
PRAIRIE CREEK REDWOODS STATE PARK SERIES			
3	743-a	8/1/59	Gold Bluffs Beach; North End, Looking North
	-b		Central Portion, 3.2 Miles South of "-a"
	-1	8/2/59	Lunch at Prairie Creek Camp
	-2-3		Beach at Patrick's Point; State Park
	-4-5		Winter Berm Outlined by Drift Wood
	-6		After Agates
	-7		State Park
	-8		Big Lagoon Beach; Looking North
	-9		Looking South
	743-10	8/2/59	Dry Lagoon State Park Beach
	-11-12	8/3/59	[Untitled]
	744-1		Camp at Prairie Creek
	-2	8/4/59	Coastal Terrace; ≈ 9 Miles North of Ten Mile River, Looking South
	-3		≈ 5 Miles North of Ten Mile River; Looking North, With Mendocino Seascape in Back
	-4		Looking South
	-5-6		Kids Around Camp Fire, Navarro River, 20 Miles South of Fort Bragg
	-7-8	8/5/59	Navarro River Beach
	-9		Stacks and Lumber Mill Smoke, 28 Miles South of Fort Bragg

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-10-11		Wave Refraction Around Stack at Elk, 29 Miles South of Fort Bragg
	-12		Punta Arenas
745	-1		Punta Arenas; South Side, Dipping Strata
	-2		Devils Punch Bowl; South Arch From Inside
	-3		North Arch From Inside
	-4		South Arch From Outside
	-5		West Stack
	-6		Beach 8 Miles South of Punta Arenas
	-7		Coastline 15 Miles South of Punta Arenas
	-8		Russian Chapel - Fort Ross
	-9-10		Foam Lines 50 Miles South of Punta Arenas
	-11-12		Russian Gulch Beach - 53 Miles South of Punta Arena
746	-1	8/5/89	Russian River Beach
	-2-3	8/7/59	Carmel Beach; Foot of Ocean Avenue
	-4		Foot of 13th Street
	-5		Carmel River Beach, Scenic Drive, 09:50 P.S.T.
	-6		San Jose Creek Beach
	-7-9		Little Sur River Beach
	-10		Point Sur, North Beach
	-11		Foam Line Near Gorda

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-12		Alder Creek Beach
	747-1		Piedras Blancas Light House, Pocket Beach
	-2-3		Piedras Blancas;
	-4-6		Refraction Around Rocks South-East of Pocket Beach
	-7-10		Kids
	K748- -1-14	8/59	[Untitled]
	-15		Coastal Terrace; \approx 9 Miles North of Ten Mile River, Looking South
	-16		\approx 5 Miles North of Ten Mile River; Looking North
	-17		Looking South at Pocket Beach
	-18-19		Looking Back at Navarro River Beach With Cove Beach and Rugged Cliff and Stack Just North of Inlet
	-20		Stacks and Lumber Mill Smoke 28 Miles South of Fort Bragg
	K749- -1-22		[Untitled]
			END OF PRAIRIE CREEK SERIES
3	K750-1	n.d.	Erosion of North-East Oahu After the Tsunami of April 1946 (From Dr. Shepard)
	750-1-4		Portrait of D.L. Inman

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
SUBMARINE CANYON SERIES			
3	751-1	9/59	Rock Outcrop on North Side of South Branch, 70 Feet
	-2-5		Standing Along Transect Line, South Branch, 70 Feet

ASIA MINOR & FAR EAST SERIES

3	K752-1	n.d.	[Discard]
	-2-3	9/24/59	Alley in Istanbul Looking at Bosphorus
	-4		???
	-5		Istanbul From Parc Otele
	-6		Crossing the Bosphorus
	-7		Mosque, Istanbul
	-8-9		Asia Minor, Side of Bosphorus
	-10		Mosque Near Ferry Asia Minor Side
	-11		Sunset Over the Golden Horn
	-12-13	9/25/59	Sandbar at the Mouth of the Indus River
	-14		Beach on the Gulf of Cambay
	-15-17	9/26/59	Snake Charmer, Bombay
	-18		Hotel Taj Mahal
	-19-20		Gateway to India, Bombay
	-21	9/27/59	Laundry Bleaching on Beach
	-22-23	9/29/59	Flying Over Saigon

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	K752-	9/29/59	Entrance to Cam Rank Bay, Cuspate Point, (Balum Point)
	-24		
	-25-26		Cuspate Point in Cam Rank Bay
	-27-28		Cam Rank Tombolo, South End of Thuitrieu Beach
	-29		Upper (North) End of Cam Rank Bay
	-30		Hon Lon Island, Bay of Vung Dam Lom;
	-31		With Pocket Beach on Hon Lon, Foreground
	-32		Beach Ridges at NhaTrang Bay With Plane Wing
	-33-34		NhaTrang Bay From Villa Frangi Pangi, Fishing Village in Foreground
	-35		Looking South at Hon Mieu From the Villa Frangi Pangi
	-36	10/1/59	Fishing Junk NhaTrang, Cam Rank Tombolo in Background
	-37		Hon Ngvai
	K753-1		Hon Ngvai; West Beach
	-2		South Point
	-3		East Beach
	-4		North-East Point
	-5		Mao Tien
	-6-8		Beaches on Hon Ngvai; Looking South
	-9		Looking North
	-10-12		Hon Ngvai; West Beach

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-13		Seaward From East Beach
	-14		Shrine
K753-	10/2/59		UNESCO Class at Nha Trang
	-15-16		
	-17		Miss Lang and Warren Wooster
	-18		UNESCO Class with Wooster
	-19		Villa Frangi Pangi Taken From Off Mui Chut
	-20		Boa Dai's Villa on Mui Chut
	-21		The Villas and Chut
	-22		Foam Line NhaTrang Bay, Hon Dung
	-23		[Out]
	-24		On Board the Mao Tien
	-25		Chut and Villages From the Sea
	-26		Villas and Fishing Boats
	-27		Sampan
	-28		Fish Net at Mui Chut Cove
	-29		Institut Oceanographique de NhaTrang
-30-31	10/8/59		Beach Profile NhaTrang Bay (Pasteur Institute)
	-32		Fishing Junks at the Mouth of the Song Cai
	-33		Beach Profile at the Ecole de Peré
K754-	10/10/59		Grazing Ducks in the Rice Paddies
	-1-2		

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-3		Countryside South of NhaTrang, Rice Paddie in Foreground
	-4		Grazing Ducks in the Rice Paddies
	-5		Charcoal Kiln Near Vinkphu
	-6		Grass Shack in Vinkphu
	-7		Kilns and Shack Near Vinkphu
K754-	10/10/59		Cattle Near Hoatan
	-8		
	-9		Blown Sand on Cam Rank; Tombolo
	-10-12		Bay in Foreground
	-13		Moi Near Dalat
	-14-15		Scham Temple Between NhaTran and Phan Rang;
	-16-19		Bas Relief on Outer Wall
	-20-21		Caraban Swimming
	-22-25		Rice Paddie - Harrowing
	-26-28		Thrashing Rice
	-29-30		Separating Chaff From Rice
	-31		Wagons Along Road
	-32		Schoolboys in Phan Rang
	-33-35		Scham Temple at Tháp Chám, Distance
	-36		Bas Relief on Temple
K755-	1		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-2-4		Schem Temple Near Thays Cham
	-5		Moi Huts on Road to Dalat
	-6-8		Street Scene, Dalat
	-9-11		Market, Dalat
	-12		Street Scene in Dalat
	-13-14		Falls at Dalat
	-15-16		Tea Plantations Near Dalat
	-17	10/14/59	Water Scene at Cao Dai Near NhaTrang
	-18		Fishing Village in the Spit at Cua Bé
K755-	-19	10/14/59	Pocket Beach at Mui Dong Ba
	-20		Beach and Beach Ridges on Cam Rank Tombolo
	-21		Cam Rank Tombolo
	-22		Boatman on the Mao Tien
	-23		Swimming Ashore at Cam Rahn Tombolo, Reed With Tor Sampan
	-24	10/15/59	08:30 - River Water Offshore, Seawater Onshore
	-25		14:00 - Turbid Water Midway to Mui Chut
	-26		14:45 - Turbid Water at Mui Chut
	-27-28		Later Buddhist Temple Grounds
	-29		Rice Paddies in Vicinity of Nha Trang
	-30-32		Buddhist Temple

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-33-34		Fishing Junks, Mouth of Song Cai
	-35-36		Scham Temple, [Discard]
K756-	10/18/59		Nha Trang Main Street
	-1-2		
	-3		Fishing Village, Bink Cang Bay, 11 Miles North of Nha Trang
	-4		Hon Gom Peninsula (From South of Cape Varella)
	-5		Hon Gom, North End of Peninsula of Hon Gom
	-6		Hon Gom Peninsula From South of Cape Varella
	-7		Pampas Grass on Hon Gom
	-8		Crescent Beach at Dai Lank, North of Hon Gom
	-9-10		Rice on the Road at Dai Lank, North of Hon Gom
	-11		Crescent Beach at Dai Lank, Looking South
K756-	10/18/59		Cusps on the Beach at Dai Lank
	-12		
	-13-14		Lunch at Dai Lank
	-15		Water Buffalo in Field South of Hon Gom Peninsula
	-16		Vietnamese
	-17		Pony and Cart
	-18-19		Planting Rice
	-20		Rice Paddy

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-21	10/19/59	Beach on Vung Dam Lia (North Embayment on Hon Lon)
	-22		Hon Dung With Hon Ho
	-23	10/23/59	Close-Up of Sampan
	-24-26		Fishing Junk
	-27-	10/25/59	Ba of the Villa Frangi Pangi
	-28		
	-29		Pony and Cart
	-30		Water Buffalo on Bridge
	-31		Moi Village
	-32		Street Scene in Ban Me Thuot
	-33		Vietnamese Section of Ban Me Thuot
	-34		Market in Ban Me Thuot
	-35		Native Section of Ban Me Thuot
	-36		Moi and Vietnamese in Ban Me Thuot
	-37		[Discard]
	K757-	10/25/59	Moi Girls;
	-1		
	-2	10/26/59	Huts in Village on Road to Ban Don
	-3		Hut
	-4		Compound With Watch Tower
	-5-6		Hut
	-7-8		Falls, Ban Don

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-9		Two Gringos
	-10		Mag in Ban Me Thuot
	-11		Moi Lady and Children
	-12		Moi Girls
	-13		Moi Girl and Child
	-14-15		Moi Family
	-16		Vietnamese Girl
	-17-20		Moi Maiden
	-21		Moi Women With Baby
	-22-23		Elephant
	-24-	10/30/59	Hong Kong Fishing Junk, Kaloan Side
	-25		
	-26-27		Street Scene, Hong Kong
	-28		Refugee Shacks on Hill
	-29		Chinese Pagoda in Park
	-30		Hong Kong Commercial Section, Kaloan in Back
	-31		Hong Kong From Peak
	-32-34		Fishing Village of Aherdeen
	K757-	10/30/59	Fishing Village on Other Side of Hong Kong
	-35		
	-36		View From Hotel International in Kaloan
	-37-38		Japan

Box Neg. Date Negative Title

SOUTH BRANCH AND SUMNER CANYON SERIES

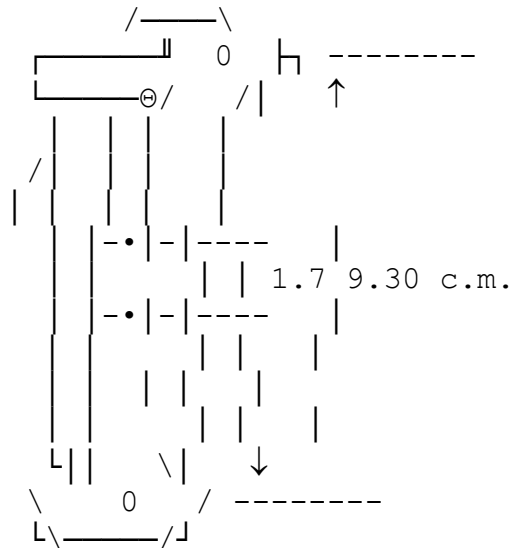
- 3 K758-1** 11/5/59 Surf Line
- 2 Surf Grass Decomposing at Head of Sumner Canyon
- 3-4 [Blank]
- 5 Corner of Sumner Canyon and South Branch, 85 Feet Depth, Near Rim
- 6-9 [Blank]
- 10 George Hohnhaus With Geology Pick, Sumner Rim
- 11 [Blank]
- 12 Near Surf Line, Head of South Branch
- 759-1** 10/22/59 Core Taken at 15 Feet Depth, 500 Feet From Shore, Scripps Beach

**SUBMARINE GEOLOGY CLASS FIELD TRIP SERIES
Torrey Pines Beach**

- 3 760-1** 12/1/59 Close-Up of Sand Laminations; In Ancient Beach Face, Approximately 50 Feet Above Present Sea Level (Sample 1)
- 2 Approximately 5 Feet Inland From 760-1
- 3 Shows Position of 760-1,2, 2 is on the Right of Viewer, Quaternary Alluvium Cliffs in Back
- 4 Modern Cliff With Quaternary Beach Line and Alluvium in Background. Bathtub Rock is to the Left of Viewer

Box	Neg.	Date	Negative Title
3	760-5	12/1/59	Ancient Beach Just Seaward of Laminations, Pholad Borings in Rock by Inman
	-6		"Bathtub" Rock, Excavation in the Limey Shale of Del Mar Formation
	-7		Looking South From Point Above Bathtub Rock Towards the Slump in Rose Canyon Formation

Dimensions of Earl's Ka-Bar Knife:



K761-	10/28/59	G. Hoanhaus; 85 Feet Depth, North Rim of North Canyon
-1		
-3,-5		80 Feet on Rock Pile, North Rim of Canyon
-6		100 Feet on Canyon Slope
-7		100 Feet Showing Rock Outcropping
761-	12	Surfane With Large Foraminifera
762-	1	n.d. Spit at Bahia San Jorge
-2		Estrella Beach Profile

Box	Neg.	Date	Negative Title
3	-3		Chart Showing San Felipe, Estrella Beach, Punta Peñasco
	-4		Comparison of Beach Profiles at Estrella?
	763-1a		Santa Barbara, Santa Monica, San Pedro, and Oceanside Littoral Cells, Redrawn June 1972
	764-1	n.d.	Beach Profile and Tidal Cycle, Estrella?
	765-1b		Nearshore Circulation System

NEWPORT BAY FIGURES SERIES

3	766-1		Newport Bay Area Shoreline Comparison
	-2		Wave Refraction, Vicinity of Newport Spit; Southern Hemisphere Swells
	-3		Local Front, Westerly
	-4		Sea Breeze
	-5		Wave Energy Relations, Newport Spit
	-6		Wave Refraction, Vicinity of Newport Spit, Northern Hemisphere Swell
	-7		Wave Exposure Graph, Newport Beach
	-8		Wave Refraction, Vicinity of Newport Spit, Local Front, Southerly
	-9		Map of Long Beach - Santa Ana Area
	-10		Southern Hemisphere Swell, Wave Refraction, Vicinity of Newport Beach
	767-		Mosaic of Sand Bars at Punta Sargento
	-1-3		

Box	Neg.	Date	Negative Title
3	769-1		Punta San Pedro
	-2		Punta Baja, 28°28' North Latitude

CLASS FIELD TRIP NOTEBOOK SERIES
Regional Photos

3	K770-1	5/15/59	Santa Barbara
	-2-3		[Untitled]
	-4		Newport Spit
	K770-	5/15/59	[Untitled]
	-5-7		
	-8		U.C. Santa Barbara - Gaviota
	-9-10		[Untitled]
	-11		Santa Barbara
	-12		[Untitled]
	-13		Santa Monica Groins
	-14		San Pedro
	-15		Santa Ana Pier
	-16		Newport Spit
	-17		Santa Barbara
	-18		Rincon Point
	-19		Santa Monica Groins
	-20		Oceanside, Del Mar, Boat Basin

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
OPERATION SEA BREEZE SERIES			
3	K771-	14/2/60	Punta Sargento; Ruth and Wendell in the Mud
	-2		Ruth in the Mud
	-3		Beach Face at Mud Flats
	-4-5		Back Shore Mud Flats
	-6		Ruth in the Mud
	-7		Wendell in the Mud
	-8-12		Ripples in Mud Flat
	-13		View of the Range
	-14		Shells in Shells, Birds Nest
	K771-	4/2/60	Punta Sargento; Mud Flats, Back Range;
	-15		Station 800, Sample 1
	-16		Station 563, Sample 2
	-17		Wind Pealed Mud
	-18		Midden, Back Range, Station 350, Sample 3
	-19		Tidal Channel, Back Range, Station 263, Sample 4
	-20		Foreshore, Station 73, Laminated Sand
	-21		Laminated Sand on Foreshore, Station 100, Sample 7
	-22-24	4/5/60	San Jorge; Beach Face and Bar
	-25-27		Back Range and Long Lagoon, Good View of of the Coast

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-28		Salt Marsh in Long Lagoon
	-29		Clutter Asleep
	-30		Sampling Back Range, Station 470, Sample 25B
	-31		Our House
	-32-33		Sunset, Long Shore Bar
K772-	4/7/60		Punta La Gringa; South-West Beach With
-1-2			Multiple Berms
	-3-4		Spit Complex From Top of Tombollo;
	-5-6		With Orca
-7	4/9/60		Beach Foreshore, North-East; Station 130, Sample 47
-8			Station 112.5, Sample 48
-9			Cusps on the North-East Beach Foreshore
-10			Berm, North-East Beach
K772-	4/9/60		Punta La Gringa; Lagoon Floor, South-West
-11			Station 100, Sample 51
-12			Calcareous Cementation in Lagoon Floor, South-West Station 120, Sample 52
-13			Old Barrier South-West Station 196, Sample 53
-14			Trough Between Barriers, South-West Beach Foreshore
-15-16			Ruth on South-West Beach

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
-17-		4/11/60	Algodones; Tetas de Cabras From the Sea
-18			
-19			Oregano in the Background, Range is on the South Precipice
-20			Banados Island
-21			Earl Working in Dunes
-22			Camp at Algodones
-23		4/12/60	Beach Foreshore
-24			Lamination on Beach Foreshore, Sample 78
-25			Dunes and Foreshore
-26			Islands From Palm Canyon
-27			Looking Up From Palm Canyon
-28			Earl Taking Shower
-29-31			View From Palms
-32			Earl
-33			Palms
-34,37			Old Aquaduct
-35-36			Palm Verde and Ruins
K773-		4/13/60	Algodones; Tetas de Cabras
-1-2			
-3			Peak
-4-7		4/14/60	Isla San Jose; East Coast, Showing Wave Scarp
-8			Pebble Beach Near Tombollo

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-9		Cerro de Mechudo Across the Bay
	-10		Oldest Berm on the West Beach, Station 1302, Station 84, Note: Desert Varnish
	-11		Wendell at the Salicania, On Old Berm
	-12		Third Berm, Station 1388, Sample 85
	-13		Crest of 4th Berm, Fresh Appearing With Little Varnish, Station 1448
	-14		Modern Berm
	-15-16		Foreshore of Modern Berm, West Beach
	-17		South End of the Spit
	-18		Art Flechsig, Niche
	-19		Mangrove Swamp
	-20-21		East Beach Berm
	-22		Beach Face, East Beach
	-23	4/16/60	La Paz; Girls at the House
	-24		D.L. [Inman] and Ruth Admiring View
	-25		Public Beach
	-26-27		<u>Orca</u> Crew; Messroom on <u>Orca</u>
	-28	4/17/60	Altata; Midden
	-29		Back Dunes
	-30-31		Swash Mark
	K773-	4/19/60	Mazatlan; Harbor
	-32-36		

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	K774-1		[Untitled]
	-2-3		Fishing Fleet
	-4		Cathedral
	-5		Market
	-6-8	4/21/60	Santa Cruz; Repairing the Amphibious Operation
	-9		Headed For the Beach
	-10-11		Small Boat Following
	-12	4/23/60	San Jose del Cabo; Transportation
	-13		Ruth and Burro
	-14-15		Cathedral
	-16		Wisteria
	-17-18		Boys Shooting Marbles
	-19		Thatch Cottage
	-20		View From Hill
	-21		Architecture
	-22		Kids With Bouganvillea
	-23-26		Pamilla; Hotel
	-27		Handmade Door
	-28		Handmade Iron Table
	-29		Entrance Way to Bedroom
	-30		Door to New Church

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-31		Looking at Hotel From Church
	-32		New Section of Hotel
K774-	4/23/60		Pamilla; Statue Carved From Lava
-33			
-34			[Overexposed]
-35			Handmade Bannister
-36			San Jose del Cabo; Spit From Lighthouse
K775-			Laminations in the Beach Berm
-1-6			
-7-9			Waves
-10-11	4/24/60		Laminations on the Beach Berm
-12			Second Berm, Station 37 of the Back Range
-13			View of Back Range and Lighthouse
-14			Storm Berm
-15			Bench Mark
-16-17			Biological Sorting on Old Dune
-18			Back Range, Heavy Minerals Near Bench Mark
-19			Heavy Mineral Concentrates 1 Foot Below the Surface at Station 130
-20-21			<u>Orca</u> and Skiff
-22			Pamilla; From Sea
-23-24			Cabo San Lucas; Near Sunset
-25-26	4/25/60		Wave Breaking on the South Side

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-27-33		Diving on the North Side
	-34		Beach
	-35		Loading Cattle
	-36		Jean Filloux and Jantos
K776-	4/25/60		Loading Cattle; The Ship
-1-2			
-3			[Discard]
-4			Murray Photographing Cattle
-5			[Discard]
-6-7			Escorting Cows
-8-10			[Discard]
-11			[Untitled]
-12			[Discard]
-13			[Untitled]
-14			[Discard]
-15-19			[Untitled]
-20			[Discard]
-21-22			[Untitled]
-23			Corral on Board
-24-26			Cabo San Lucas; [Discard]
-27			<u>Orca</u>
-28			[Discard]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-29-30		[Untitled]
	-31		South Side
	-32-34		Scientific Party
	-35		Decker
	-36		Decker [Discard]

Note: The Black and Whites of the Above Trip
are Negs 786, 787, 788, 789, 790

GULF OF CALIFORNIA SERIES
Filloux's "Sea Breeze" Pictures

3	777-A-	4/60	Birds Nest of Shells on 3rd Ridge Back From Beach, Mud Flat Range
	-1-2		
	-3-4		Airplane Wreck Several Hundred Feet North of Range
	-5-8		Mud Flat Station 73, Heavy Mineral Layering
	-9		Mud Flat Range; Heavy Minerals and Shells on Berm
	-10-11		Erosion Topography on Low Tide Terrace
	-12		Ripple Marks on Tidal Flat, Front Range
	B-13-17		Continuous Series of Coastline Between Mud Flat Range and San Felipe Looking West
	-18-23		Continuous Series of Beach at San Jorge, Looking From East Through South to West Shows Foreshore at Low Tide
	-24		Punta San Jorge, Ripple marks on Low Tide Flat Looking South Across Range

Box	Neg.	Date	Negative Title
3	C-25-26		Animal Burrows on Floor of Tidal Inlet
	-27		Wave Refraction Around Small Offshore Bar
	-28		View of Coastline From Top of Dunes, Looking West
	-29-32		Continuous Series, San Jorge -- Taken From the Top of High Dunes Looking North Through West(Shows Good View of Tidal Lagoon East of Little San Jorge Spit)
	-33-34		San Jorge, Marsh and North-West Shore of Tidal Inlet, Looking South-West and Taken Several Hundred Feet South-West of Range
	-35-36		San Jorge Beach Toe at Foot of Foreshore Slope
	D-37-40		Close-Up of Cobbles and Pebbles on East Beach at Punta La Gringa
	777-D-	4/60	Continuous Series, Punta La Gringa, Beach Ridge on South-West Side of Tombolo, Looking North-West
	-41-42		
	-43-48		Continuous Series, Taken of Punta La Gringa, Looking North-East, Through South, Through West, Shows Isla Smith; Complete Tombolo of Los Angeles Bay
	E-49-50		Complete Tombolo of Los Angeles Bay
	-51		Punta La Gringa; Looking Down and North-West at Beach Ridges on South-West Side of Tombolo
	-52-55		Looking at Tidal Streams Near Inlet on West Side of Tombolo
	F-56		Looking Down and North-West at Beach Ridges on South-West Side of Tombolo

Box	Neg.	Date	Negative Title
3	-57		Along West Side of Tombolo, Shows Tidal Inlet
	-58-59		Continuous Pair of Photos Looking North-East From Top of Tombolo Toward Spit, Shows Both Beaches, Center Marsh, and <u>Orca</u>
	-60-61		Continuous Pair, Same as 777-62,63, except Looking Westward
	-62-63		Continuous Pair, Looking North-West From Tombolo Toward Los Angeles Bay and Inlet to Tombolo Marsh, Shows West Beach Only
	-64		Looking East Toward Angel de la Guardia
	-65-66		Continuous Pair, Looking North-West From Top of Tombolo Toward Spit, Shows Both Beaches, Center Marsh, and <u>Orca</u>
	G -67-68		Algodones; Looking North-West Across Range, Shows Dunes
	-69		Looking South-East of Range at Dunes and Mountains
	-70		Foreshore, South-East of Range
	777-G -71	4/60	Algodones; View North-East Along Beach and Foreshore, Taken From One Mile South of Range
	-72-73		Beach, Looking North or North-West Along Beach, Picture Taken About One Mile South of Range, Continuous Pair
	-74-76		Volcanic Breccia Outcropping in Beach, 1-2 Miles North of Range on Beach, North-West of Islands
	-77		Rocky Shoreline
	-78		View Looking South-East Toward Bay and <u>Orca</u>

Box	Neg.	Date	Negative Title
3	H-79-80		Continuous Series, Looking East From Islands Along Cobble Spit to Marsh, Entrance and Mountains Beyond Taken About One Mile North of Range
	-81-82		Approaching Isla San Jose, Mainland of Baja California in Background
	-83-85		Isla San Jose; South-East Beach, Cobbles, Pebbles and Sand on Foreshore and Backshore, Rocks Mostly Granite
	-86		Looking West or South-West Along Foreshore of South-East Beach, Baja Mainland in Back
	I-87-90		Close-Up of Cobbles on South-East Beach
	-91-98		Continuous Series, Looking South Through West, Through North to North-East, Shows Tombolo, South-East Beach and Marsh
	J-99		Steep Pebble Beach Several Hundred Yards South-West of Range
	-100		Flechsigg, Murray, Inman, and Clutter Clearing Path Through Mangroves
	-101		Steep Pebble Beach Several Hundred Yards South-West of Range, Looking North-East
	-102		Altata; Some Kind of Bird
	777-J-	4/60	Altata; Inman With Range Pole, Shell Mound in Background, Taken on Back Range
	-103		
	-104		Eastern Edge of Dunes
	-105		Dunes on Back Range
	-106		Foreshore, Showing Cusps
	-107-109		Swash Marks

Box	Neg.	Date	Negative Title
3	-110		San Jose del Cabo; Foreshore, Looking West
	K -111		Foreshore, Looking East (at Range)
	-112		Foreshore, Looking West (at Range)
	-113		Foreshore, Looking South-East (at Range)
	-114		Foreshore, Looking East (at Range)
	-115		Dunes and Backshore, Looking South-West
	-116-117		Foreshore, Looking West, Shows Steep Fore- shore
	-118		Looking South Toward Surf, on Range
	-119-122		Heavy Mineral Laminations on Range
	L -123		Beach Berm at Station 151 Shows Granules and Heavy Minerals on Surface
	-124-125		Backshore on Range, Heavy Minerals and Driftwood on Beach Surface
	-126		Mound Built by Insects
	-127-128		Shows Difference in Color of Surface and Subsurface Sand
	-129-130		Close-Up of Pits Showing Heavy Mineral Layering on Back Beach
	-131		Cabo San Lucas; Foreshore and Waves Breaking on Rocks on South Side of Peninsula
	-132-134		Rocks at Tip of Peninsula

MEXICO DUNE STUDY WITH BAGNOLD SERIES

3	778-	5/18/60	Walter Munk's Canyon
	-1-2		

Box	Neg.	Date	Negative Title
3	-3-4		Yuma Dunes, North End
	-5-11		Consecutive Going South
	-12		Yuma Dunes, South End in Mexico
	779 -1		San Andreas Fault East of Isla Montague
	-2		Bars and Mud Flats South of Punta Sargento
	-3-4		Barriers Just South of Mud Flat Range
	-5-6		Barrier Mud Flat Range, Looking North
	-7		Barrier at Mud Flat Range; Looking East
	-8		Looking South
	-9		Mud Flat Range
	-10-12		Looking North
	780 -		Bar off the Hole "Punta Estrella"; Looking
	-1-2		South
	-3-4		Looking South-West
	-5		Looking North-West
	-6		Looking North
	-7		Looking East
	-8-10		Looking South
	-11		Looking West
	-12		At Midden Point
	-13		35mm Color Transparency Appears to Have Been Approximately 5 Seconds Before 780-6

Box	Neg.	Date	Negative Title
3	781-1		Spit on Isla San Jose
	781-2	5/19/60	Guerrero Negro Dunes; "Type" Dune
	-2-4		Vicinity of "Type" Dune
	-5		"Type" Dune
	-6		Newest Reference Rod
	-7		Face of "Type" Dune
	-8		Three Intrepid Explorers; Bagnold, Munk, Ewing
	-9		Bagnold, Munk, Inman
	-10		"Type" Dune From Air Showing Newest Reference Stakes
	-11		Guerrero Negro Dune, Vicinity of "Type" Dune
	782-1-6	5/20/60	Harbor at Ensenada
	-7-8		SEA Subdivision; Including Inman's House
	-9		Including Munk's House
	-10-11		Including Inman's House

GULF OF CALIFORNIA SERIES
Earl's Underwater Photographs

3	K783-1-3	4/25/60	Ripples in 10 Feet Depth, Cabo San Lucas; Seaward Edge of Pattern 3, Edge of 2-1
	-4		Ripples in 15 Feet Depth; Shoreward Edge of Pattern 2-1
	-5		Center of Sharp Troch, Pattern 2-1

Box	Neg.	Date	Negative Title
3	-6		Center [λ] \approx 5 Feet of Sharp Troch, Reference Rod 6 Feet Length
	-7-9		Ripples in 30 Feet Depth; These Were Taken Looking Down on Pattern 2-1, Ripples on Seaward Edge of Patch, Sand Slopes to Sea
	784		Earl's Drawing of Scripps Submarine Canyon OPERATION SEA BREEZE SERIES
3	785- -1-10	5/60	Index Photographs of Mexico by Wendell and Earl, "Operation Sea Breeze", These Pictures are Recorded Under 814-1 to 6
	786-1	4/4/60	Ruth Inman, Mud Flat Range, Punto Sargento
	-2		Looking Across Mud Seaward of the Barrier
	-3		Mud Flat, Sample 1
	-4		Shell Barrier, Oldest Sample 2
	-5-12		[Untitled]
	787- -1-12	n.d.	Contact in Chronological Notebook; [Untitled]
	788- -1-12		[Untitled]
	789- -1-12		[Untitled]
	790- -1-12		[Untitled]
	791- -1-12		[Untitled]
	791a-1		[Untitled]

Box	Neg.	Date	Negative Title
BODEGA HEAD SERIES			
Inman and Frautschy Trip			
3	K792-	5/12/60	Photographs of Coast and General Interest
	-1-20		
	K793-1	5/18/60	Dune Study Field Trip to Bagnold Fields South of Yuma - Sonora Side
	-2-6		Upper Estuary of Rio Hardy
	-7-9		[Untitled]
	K793-	5/18/60	Looking North Along the San Andreas Fault on the Sonora Side of Rio Hardy Delta
	-10		
	-11		Delta of Rio Hardy
	-12-13		Barrier Beaches Near (North of) Orca Island
	-14-15		Orca Island
	-16-18		The Hole
	-19		[Untitled]
	-20		Spit on Isla San Luis, Between San Felipe and Bahia de Los Angeles
	K794-	5/19/60	Face of "Type" Dune
	-1-2		
	-3		Bagnold and Ewing at "Type" Dune
	-4		Guerrero Negro "Type" Dune; Bagnold, Ewing, and Inman
	-5		Bagnold, Ewing, and Munk
	-6-7		Behind Present Dune, Showing Reference Rod Exposed After Dune Migration

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-8		Vicinity of "Type" Dune From the Air
	-9		"Type" Dune With Newest Reference Port
	-10		South-East End of Dune Field
	-11-13		Barchan Dunes on South-East Projection
	-14-18		Apatite Concentration in the Dune Field
	-19		"Type" Dunes With New Reference Rod
	-20-22		Apatite Concentration in Dunes
	-23-28		[Untitled]

END OF BODEGA HEAD SERIES

COASTLINE NORTH OF SAN FELIPE SERIES
Aerial Photos by Wendell Gayman

3	795-1	8/13/60	Looking Southward at Fault Scarp on West Side of Laguna Salada
	-2		Looking Downward at Sediment Pattern on Laguna Salada
	-3		Looking Down on Natural and Artificial Drainage Channels on Laguna Salada
	-4		San Felipe Highway, Mud Flats, and South Entrance to Laguna Salada
	-5-6		Looking Westward Across Mud Flat Just South of Montagne Island (795-6 South of 795-5)
	-7		Barrier Beaches Between Montagne Island and Mud Flat Range
	-8		Irregular Pattern of Barrier Beaches, South

Box	Neg.	Date	Negative Title
3	-9		Looking North-West at Paradise or Pete Chapparos Fish Campo, 9 to 15 Miles North of San Felipe
	-10-11		Salt Flats North-West of Mud Flat Range With El Chinero (137 Kilometers) in Background
	-12		Looking Eastward at Mud Flats and Marsh Several Miles North of El Moreno
	796-1		Looking Westward at Beach Barriers and Mud Flat Range
	-2		1 to 3 Miles South of 796-1, Barrier and Tidal Inlet
	-3-4		½ Mile South of of 796-2, Looking Westward at Tidal Inlet and Tidal Channel
	-5		Mud Flat West of Montague Island
	-6		Looking Eastward Over Tidal Lagoon and Tidal Drainage Channel From North of Mud Flat Range
	796-7	8/13/60	Multiple Beaches Separated by Mud Flats, Taken Several Miles South of Mud Flat Range, North of El Moreno
	-8		Mud Flats on or West of Isla Montagne
	-9		[No Photograph]
	-10		Rio Hardy - Picture Nearly Ruined by Exposure
	-11		Outliers and Alluvium at South End of Sierra de los Cucopas, San Felipe Highway in Back
	-12		Cessna From Which Flight Was Made

Box	Neg.	Date	Negative Title
COASTLINE NORTH OF SAN FELIPE & COLORADO DELTA SERIES			
Aerial Photographs			
3	797-1		Looking Westward Over Tidal Flat Slightly South of Montague Island
	-2		---
	-3		Looking South-West Over Mud Flat; South of 797-1, El Chinero in Background
	-4		Looking West-South-West Over Mud Flat; South of 797-3, El Chinero
	-5-6		Looking West Over Double Barrier System South of 797-4, El Chinero
	-7		Looking South-West Over Grand Inlet, El Moleno (East Peak) and West Range
	-8		North Side of Grand (Third) Inlet
	-9		False Point (Or Second Point) and False Inlet
	-10		El Moleno Fish Camp
	-11		Coastline South of El Moleno Fish Camp
	-12		Marsh North of El Moleno Fish Camp
	-13		Orca Island Mud Flat Range and Coastline to North, and El Chinero
	797-14	8/13/60	Barrier Island System North of Orca Island; Looking North-West
	-15		Looking North-West, About ½ Mile North
	-16		Barrier Islands North of 797-15
	-17		North End of Barrier Islands, Taken North of 797-16, Looking North-West

Box	Neg.	Date	Negative Title
3	-18		Tidal Flat Looking East-North-East, Same Location as 797-1,19
	-19		Looking East Over Tidal Flats Toward Montague Island
	-20		Looking South Over Tidal Flats From Position West of Montague Island
	-21-23		Salt Flats West of Montague Island Between Laguna Salada and Mouth of Rio Hardy [Series Moving South]
	-24		Looking West Over Submerged Tidal Flats, North-West of Mud Flat Range, Algae in Fore-ground
	-25		Looking Downward at Algal Patterns in Tidal Lagoon, Same Location as 797-24
	-26-27		Meandering Tidal Stream; South of 797-24,25
	-28		South of 797-26
	-29		False Point and False Inlet (Second Inlet), Same as 797-9, But Tide is Lower
	-30		North Side of Grand (Third) Inlet, Same as 797-8, But Tide is Lower
	-31		Inlet North of, or Part of, Grant Inlet
	-32		Inlet North of 797-3, South of Mud Flat Range
	-33		Mud Flat Range; Orca Island
	-34		Taken North of 797-33
797	-35	8/13/60	Mud Flat Range; Taken North of 797-34
	-36		Barrier Flat North of Orca Island

Box	Neg.	Date	Negative Title
3	-37		Mud Flat North of 797-36
	-38		Montague Island Looking North-East
	-39		Montague Island and Mouth of Colorado River, Looking East
	-40		Submerged Farm Land Indicating Possible Sub- sidence of the Colorado Delta, Taken East- South-East of 797-41
	-41		Meandering Rio Hardy and Submerged Farm Land
	-42		Looking North, Beach Lines on East Side of Laguna Salada
	-43-44		Looking South at Fault Scarp on East Side of Sierra Juarez
	-45		Looking North at West Edge of Laguna Salada
	-46-47		Looking South at Fault Scarp on East Side of Sierra Juarez
	-48		Looking North-East Across Sierra Juarez to Laguna Salada
	-49		Tijuana

COASTLINE NORTH OF SAN FELIPE SERIES
Aerial Photos by Wendell Gayman

3	798-1	8/26/60	Looking North Along Foreshore at El Moreno Campo, About 15 Miles North of San Felipe About 18:00 P.D.T., Tide: Moderately High;
	-2		Slightly Different View, Note Chione Shells
	-3		Looking East-North-East Toward Tide Staff
	-4		Looking Southward Toward San Felipe

Box	Neg.	Date	Negative Title
3	798-5	8/27/60	Shell Berm on West Side of False Inlet About ½ Mile South of Mouth and 4-5 Miles North of El Moreno Fish Camp, Looking Southward, Shells are Mostly Mulinia, Tide is Below Sea Level
			-6 Heavy Mineral Concentration at Top of Berm on Beach One Hundred Yards North of False Inlet; Looking North-West
			-7 Looking at Heavy Mineral Layers in Cut-Away of Beach
			-8 Ripple Marks Showing Chione Shells in Trough, on Tidal Flat Between False Inlet and Large (Grand) Inlet to North
			-9 Shell Berm Inside Barrier, Shells May Be Largely Reworked Mulinia From Old Barrier System in Background of Picture, Looking West, Pictures Taken on South Side of Grand Inlet, ½ to One Mile Inside Entrance
			-10 Picture Taken on South Side of Grand Inlet Several Hundred Yards Inside Mouth, Deep Channel in Upper Left, Steep Bank Shown in Picture is 5 to 6 Feet High and Covered With Shells, Note: "Cusps" on Side of Channel
			-11 Same Berm Shown in 798-9, But Taken About One Hundred Yards West Where Berm and Small Beach Cut Off Old Barrier Ridge, Shells Mostly Mulinia
		8/28/60	-12 Back at El Moreno Fish Camps, Looking Westward Along Range
	799-1		El Moreno Fish Camp (About 15 to 20 Miles North of San Felipe); Looking North, Transit on Range

Box	Neg.	Date	Negative Title
3	-2		Looking East-North-East, Probably at or Slightly Above Mid Tide, Tide Coming in
	-3		½ Hour Later, Tide Slightly Higher, Looking South Toward San Felipe
	799-4		El Moreno Fish Camp (About 15 to 20 Miles North of San Felipe); #3, Looking South Along Beach Toe, Note: Mounds Built by Organisms, Canteen, Belt for Scale
	-5		#4, Looking East-South-East
	-6		Paradise (Pete Chaparro's) Fish Camp, 9 to 13 Miles North of San Felipe; Looking North From Top of Cliffs, Tide Was Fairly High
	-7		Looking South
	-8-10		Los Medanos - Sand Dunes at Kilometer 88 on San Felipe Highway

**FIGURES FROM "REPORT TO ATTORNEY GENERAL
ON LONG BEACH HARBOR AREA" SERIES**

3	800-1	n.d.	Figure 1, Los Angeles Basin Drainage Pattern
	-2		Figure 2, Shoreline of 1859, 1872-3, 1896-7
	-3-4		Figures 5a and 5b, Wave Refraction Diagram, Southern Hemisphere Swell
	-5		Figure 5c, Wave Refraction Diagram, Sea Breeze
	-6		Figure 6, Summary of Longshore Transport, Local Front, West-Southwesterly
	-7		Budget of Beach Sand

Box	Neg.	Date	Negative Title
3	K801	1-2	California Chart Photo Taken by Earl Murray
		-3	[Untitled]
		-4	Figure From Bagnold and Inman Report
		-5-6	California Chart Photographs
		-7	Figure From Bagnold and Inman Report
		-8	Figure From Bagnold and Inman Report
		-9-18	California Chart Photographs
	K801	n.d.	Tide Calendar
		-19-22	

**FIGURES FROM "THE GENERATION AND PROPAGATION OF
OCEAN WAVES AND SWELL" N.J. Barber & F. Ursell SERIES**

3	802	10/10/60	Philosophical Transactions, Series A, Royal Society of London , Volume 240, A824, pp. 527-560, 1946-1948
		-1	Figure 2, Wave Spectra at Pendeen, 14-16 March 1945
		-2	Figure 3, Wave Spectra at Pendeen, 16-18 March 1945
		-3	Figure 4, Meteorological Chart of the North Atlantic Ocean, 18:00 Hours, 12 March 1945
		-4	Figure 7, Propagation Diagram, 11-16 March 1945, Using Winds Estimated From the Pressure Distribution, Blowing Within 30° of a Line to the Recording Station
		-5	Figure 8, Distance From Pendeen in Sea Miles, 06:00 Hours, 27 June 1945

Box	Neg.	Date	Negative Title
3	-6		Figure 9, Wave Spectra at Pendeen, 30 June - 2 July 1945
	-7		Figure 11, Propagation Diagram, 24 June - 2 July 1945

FIGURES FROM "LITTORAL PROCESSES"
Paper by Inman & Bagnold SERIES

3	803-1	n.d.	Newport - Summary of Longshore Transport, Inman - Bagnold Approach
	-2		Figure 7, Comparison of Modern Beach Profiles
	-3		Figure 8, Comparison of Mature Model Beach Profiles
	-4		Figure 9, Profile of a Natural Fine Sand Beach
	803-5	n.d.	Figure 11, Schematic Diagram of: (A) Surface Flow in Nearshore Circulation System, (B) Wave and Current Relations in the Proposed Model For Longshore Transport of Sand
	-6		Figure 12, Hypothetical Wave and Shoreline Conditions and the Postulated Subsequent Modifications of the Shoreline

FIGURES FROM SHEPARD'S BOOK
Chapter III, "Waves" SERIES

3	804-1		Figure 5, Shoaling Transformation for Airy Waves
	-2		Figure 12, Solitary Wave Theory
	-3		Figure 6, (A) Orbit of Particle at Surface (B) Decrease in Orbital Diameter With Depth

Box	Neg.	Date	Negative Title
3	805-1		Figure 4, Wave Exposure Graph, Long Beach
	-2		Composite of Southern Hemisphere Swell, Sea Breeze, Local Front West-South-West
	806-		Inman, Munk, and Balay - Figures 1, 2, 3a,
	-1-6		3b, 4a, 4b

**FIGURES FROM "MECHANICS OF MASS SEDIMENT TRANSPORT"
Thesis by J.K. Chamberlain SERIES**

3	807-1		Figure 1, Scripps - La Jolla Submarine Canyon
	-2		Figure 2, Bedrock Topography, Submarine Canyon
	-3		Figure 9, Sand Beach Fluctuations 1948-1960, South Branch, Scripps Submarine Canyon
	-4		Figure 10, Isopach Chart of Sediment Losses, 12-13 December 1959, Scripps Submarine Canyon
	-5		Figure 14, Axial Distribution of Sedimentary Facies, South Branch, Submarine Canyon
	-6		Figure 31, Present, Pre-Wisconsin and Wisconsin Glacial Stage Profiles, Submarine Canyon
	K808-1	n.d.	Auxiliary B Range, 17 Feet, 3 November 1960, Offshore Surge, Murray
	-2		On Shore Surge - Best Donax Photographs
	-3		Symmetrical Troch Ripples During Quiet Period, Best Donax
	-4		Start of Offshore Following Quiet Period
	-5		During Strong Offshore Surge
	-6		Beginning Onshore Surge

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-7-9		Dr. Bill Fager With Coring Device Used to Sample in Sand and Sediment Bottom by Driver

PABLO'S PICTURES AT THE "HOLE" SERIES

3 **K809-** 11/5/60 The "Hole"
 -1-8

END OF PABLO'S PICTURES AT THE "HOLE"

3 **810-1** Isla San Jose, Copy of Navy Vertical

811- 12/60 Mana Coastal Plain, Kauai
 -1-2

K812- 1Map of Baja California

 -2 Map of Southern California

 -3 Map of United States

 -4 Map of Monterey Bay

 -5 Map of Baja California

 -6-9 Teaching Aids - Filed in T.A. Drawers

 -10 Location of Indian Camps - Tiburon Islands,
 Baja California

 -11-13 Map of Mexican Desert Area

K812- 12/60 Maps of Mexico by Bill Smith
 -14-26

 -27 Index to 15-26 of Bill Smith's Maps of Mexico

K813- Kauai Chart, Topography and Bathymetry to
 -1-3 10,000 Feet Depth

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-4		Kauai Detailed Bathymetry; Off North-East Shore
	-5		Off South Shore
	-6		Off Western Mana Shoreline
	-7-8		Off Napali Coast
	-9-10		U.S. & G.S. 4102 Chart of Hawaiian Chain, Windward Group
	-11-13		Kauai Chart Showing Vegetation and 3 Bathymetry Lines NF 4-6, 1:250,000
	-14		Kapaa Reef; Chart
	-15-16		Photograph
	-17		X-Ray Diffraction Pattern of Carbonates
	-18-21		Pan American Calendar Photograph of Kauai Beach
814	-1	5/60	C-3 Area - WAC 251
	-2		Bahia Concepcion Coastal Strip No.8 WAC (520)
	-3		San Felipe - Punta Sargento - CS No.14 WAC 472
	-4		San Blas CS No.16, WAC 590
	-5		CS No.18 WAC 521
	-6		CS No.19 WAC 521 and Peninsula Lade Lucenilla
815	-1	1/5/61	3/8 Steel Reference Rod Placed 6 Feet Above Sediment in Tributary Entrance to Sumner Canyon

Box	Neg.	Date	Negative Title
3	815 -2	1/5/61	3/8 Steel Reference Rod; Divers Hand For Reference
-3			Rods Standing at North Wall, Rings Are 1 Foot Apart, Crack is in Sediment Wall of Canyon
-4			4 Rods Were Placed at 5 Foot Spacing Across Canyon Tributary at 75 Feet Depth
-5			Rod in Place in Organic Material Near South Wall
-6			South Wall of Canyon Tributary - Up Canyon
-7			Diver on North Wall of Tributary - Off Bottom
-8			Diver in Organic Material on Canyon Floor
-9			Up Canyon From Sight, Rock in Background
-10			Diver Pointing at Sedimentary Rock Outcrop Circling Head of Canyon
-11-12			Diver Pointing at White Growth on Rocks and Organic Material
-13			Sedimentary Rock and Floor of Tributary Up Canyon From Stake Area
-14			Sedimentary Rock at Head of Canyon
-15			Up Canyon Where Rock Becomes Covered by Sediment
K816 - -1-2		12/60	Kauai - Kapaa Reef - Slide of Photograph
-3			X-Ray Diffraction Diagram Showing Aragonite, Mg Rich / Mg Poor Calcite Peaks
-4			[None]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-5		Kauai - Detailed Bathymetry; Off South Coast
	-6		Off Mana and Napali Coasts
	-7		Off Sand of East Coast
K816 -9		12/60	Kauai - Map Work Sheet Showing (1) Drainage Basins (2) Isohyets (3) Sample Location
	-10-28		[Untitled]
	-29		Kauai Beach Calendar Photograph
	-30		Hawaiian Islands - Hydrographic Chart
	-31		Kauai Map; Showing 3 Bathymetry Lines
	-32		Detailed Topography and Place Names
	-33		Geologic Map From MacDonald, Davis & Co.
	-34		Photograph of Kapaa Reef
	-35-36		North Kapaa Reef Map
	-37-38		Slide of Photograph of Kapaa Reef

GEOLOGY FIELD TRIP TO TORREY PINES BEACH SERIES

3	817 -	10/22/60	Range Mark and Bench Mark for Beach Profile, Iron Pipe in Foreground, Inverted Cement Culvert in Background
	-1-2		
	-3		Beach Berm
	-4-5		Heavy Mineral Lamination on Beach Face
	-6		"Rhomb" Marks and Swash Marks on Beach Face

END OF GEOLOGY FIELD TRIP SERIES

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	819-1	12/19/59	Looking East From Inside the Hole, Taken Following Ebb Tide, 10:00, Previous High Water 02:00, by Paul Fleischer
	-9		Back End of Taco Wagon
	-10		Punta Estrella Looking North Toward San Felipe, Showing Tidal Lagoon Entrance and Berm; Sea is on the Right
	-11		Standing on Berm Between Lagoon and Sea
	819-	12/19/59	Tidal Flat Looking South Toward Puerto Cito
	-12		
	820-1	1/16/61	Diver Wendell Gayman; at 70 Feet Station in Sumner Canyon Looking Up Canyon
	-2		On North End of Cable Below 70 Feet Station (See Slope of Canyon Wall Background)
	-3		Rock Outcrop on South Side of Sumner Canyon Just Below Beals Cable, Looking Down Canyon
	-4		Diver Under Cable at 70 Feet Station Sumner Canyon, Looking Down Cable South
	-5		Diver Gayman
	-8-10		Gayman on Canyon Floor Just Above Cable (Bubbles From Organic Decomposition)
	-11-12		Close-Up of Organic Decomposition Bubbles
	821-1	1/20/61	Inman Coming Down Float Line at 60 Feet Station, South Branch, Sumner Canyon
	-2		Wendell [Gayman] Under Cable at 70 Feet Station (Diver is on Canyon Floor)
	-3		South End of Cable Showing Rock Outcrop on Canyon Wall (Gayman)

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-4		Inman Above Cable, Up Canyon in South Branch Showing Canyon Floor Sedimentation
	-5		Inman, With Gayman, On North Wall Below Cable
	-6-8		Canyon Rim, Sumner Canyon
822-	1/61		Cable in Canyon Project
-1-11			

LITTORAL PROCESSES ON SUB-TROPICAL HIGH ISLAND SERIES

3	823-1		Figure 1, Index and Wave Exposure Chart
	-2		Figure 2, Topography and Sample Location
	823-3	1/61	Figure 3, Rainfall and Drainage
	-4		Figure 4, Sediment Yield [No Negative]
	-5		Figure 5, Size Distribution Curves
	-6		Figure 6, Beach Slope and Sand Size [No Neg.]
	-7		Figure 7, X-Ray Diffraction
	-8		Figures 8 and 8a, Kapaa Reef
	-9		Figure 9, Section Across North Kapaa Reef
	-10		Figure 10, Surge Channels
	-11		Figure 11, Mana Coastal Plain
	-12		Figure 12, Mana Section
	-13		Sediment Transport Diagram

END OF LITTORAL PROCESSES SERIES

Box	Neg.	Date	Negative Title
3	824-1		Weight % Mg - Poor Calcite - ONR Progress Report No.54
	-2		Weigh % Aragonite - ONR Progress Report No.54
	825-1	2/17/61	All 7 Frames of Large Waves off SIO Pier 09:00 to 10:30
	-1-7		
	K826-	2/61	All 20 Frames of Waves off SIO Pier, Also 16mm Color Same Day
	-1-20		
	832-1	4/61	Waves Off SIO Pier
	-2-12		[Untitled]
	K833-1	4/30/61	Diamond Head and Koho Head in Background
	-2		[Untitled]
	-3		Diamond Head
	-4		Vicinity Koho Head
	K833-	4/30/61	Palo Verde Hills
	-5-8		
	-9-10		Redondo Breakwater
	-11		Ventura County Boat Basin at Hueneme
	-12	4/27/61	Ventura County Boat Basin at Hueneme
	-13		Point Concepcion
	-14		Ventura County Boat Basin at Hueneme
	-15		Channel Island
	-16		North-West Coast Molokai

Box	Neg.	Date	Negative Title
3	834-		Hyperion Sewage Plant - Beach and Vicinity
	-1-2		
	-3		Beaches North of Hyperion Sewage Plant
	-4-5		Hyperion Sewage Plant and Richfield Pier
	-6-7		North of Hyperion Sewage Plant
	-8-10	4/30/61	Ventura County Boat Basin at Hueneme
	-11	4/27/61	Point Concepcion
	-12		Channel Islands
	-13-15		Entrance to Mission Bay
	-16-17	4/30/61	Redondo Breakwater
	-18		Palo Verde Hills
	-19	4/27/61	Diamond Head With Koho Head in Background
	-20		Diamond Head
	-21		Keysir Boat Basin - North-East Koho Head
	-22		North-West Coast Molokai
	-23		Vicinity Koho Head
	834-	4/27/61	Waikiki
	-24		
	-25		???
	-26-	4/30/61	Beaches North of Hyperion Sewage Plant
	-28		
	835-1	3/2/61	Scripps Pier Tide Record, Negatives of Cores 831-1 to 7

Box	Neg.	Date	Negative Title
3	-2	3/3/61	Scripps Pier Tide Record
	836	4/19/61	Cal Waatwyler's Swash Marks From Scripps Beach Field Trip Report
	837-1	5/61	Mrs. Inman - Passport
	-2-3		Inman Children - Passport
	-4	7/66	Douglas Inman - Passport
	838	3/61	Seismometer Chart Indicating Tremors at Time of Canyon Slide (Progress Report)

CLASS FIELD TRIP TO EL MORENO
Pictures by Eric Reinmitz SERIES

3	839-	5/61	El Moreno
	-1-19		
	840-		El Moreno
	-1-21		

END OF CLASS FIELD TRIP SERIES

3	841		SpringA-A Section Across North Kapaa Reef 1959
---	-----	--	---

FIGURES FOR REVISED KAUAI PAPER SERIES

3	842-1	8/61	Figure 6, Median Diagram vs Foreshore Slope
	-2		Figure 1, Hawaiian Wave Regime
	842-3	8/61	Figure 3, Kauai Rainfall Chart
	-4		Figure 4, Sediment Yield vs Effect Precipitation

Box	Neg.	Date	Negative Title
3	-5		Figure 2, Kauai Topographic, Bathymetric, and Sample Locations

SHEPARD'S BOOK - Chapter III - SERIES

3	843-1	n.d.	Figure 28, Definition of Terms, Schematic of Sinusoidal Wave...
	-2		Figure 29, Aerial Photo of Sea Surface For Wind Velocity Knots
	-3		Figure 30a, Typical Wave Record
	-4		Figure 30b, Schematic Reproduction of Spectrum For Typical Sea Waves
	-5		Figure 31, Shoaling Transformation for Airy Waves
	-6		Figure 32, Orbital Velocity and Diameter of an Airy Wave in Deep Water
	-7		Figure 33, Orbital Velocity and Displacement for Solitary Wave in Still Water
	-8		Figure 34, Record of Waves and Their Orbital Velocity Measured Near Surface of La Jolla
	-9		Figure 35, Maximum Horizontal Orbital Velocity Near Bottom V_0 for a Solitary Wave
	-10		Figure 36a, Types of Breaking Waves
	-11		Figure 36b, Concentration of Energy in a Shoaling Wave
	-12		Figure 37, Shoaling Transformation in the Height of Breaking Solitary Wave
	-13		Figure 38, Generalized Diffraction Diagram for Waves Passing a Breakwater

Box	Neg.	Date	Negative Title
3	843-14	n.d.	Figure 39, Wave Refraction Diagram Showing Wave Convergence and Divergence
	-15a	2/79	Figure 40, Wave Drift Currents
	-16	n.d.	Figure 41, Schematic Showing Generation of Longshore and Rip Currents...
	-17		Figure 42, Nearshore Circulation System and Related Terms
	-18		Figure 43, Cell-Like Features of Circulating Pattern During Relatively Long Period Waves Along Beach South of Scripps

SHEPARD'S BOOK - Chapter V - SERIES

3	844-1		Figure 1, Conversion Chart for Diameter in phi Units and Millimeters (Figure 51)
	-2		Figure 2, Figure 4 of Inman 1952 (Figure 52)
	-3		Figure 3 (Figure 53), Six Classes of Systematic Packing Ranging From (A) "Loosest" to (B) "Densist"
	-4		Figure 4 (Figure 54) is Negative 829-1
	-5-6		[Has to be Drawn - These Are the Last Minute Drawings Sent in From England]
	-7		[Untitled]
	-8		Figure 8 (58), Settling Velocity of Quartz Spheres,...
	-9		Figure 9 (59), Schematic Representation of Equilibrium Conditions at the Threshold of Movement of a Spherical Grain

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-10		Figure 10 (60), Threshold Criteria For Initiation of Movement as a Function of Grain Diameter (A) (B) (C)
	-11		[Untitled]
844-12b	n.d.		Figure 12 (62), Schematic Representation of Bagnold's (1954) Experiment for Measuring the Tangential Shear, T, etc.
	-13		Figure 13 (63), Schematic Diagram Showing the Stress Equilibrium for Bed Load Motion of Sediment (A) (B)

PROGRESS REPORT - April-June 1961 - SERIES

3	845-1	8/61	Schematic Drawing of Submarine Canyon Showing Communication Lines to Scripps
	-2		Location and Lithology of Cores From San Diego Trough Borings
	-3		El Moreno Beach Profiles, Baja California

AERIAL MOSAIC SERIES

3	846-1	1/19/61	El Moreno and Coastline For 20 Miles North
	-2		Colorado River Estuary, Punta Sargento, and Coastline for 20 Miles South

PROGRESS REPORT - July-December 1961 - SERIES
ONR Number 62

3	847-1	n.d.	El Moreno Beach Profile, Baja California
---	-------	------	--

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
API SYMPOSIUM SERIES			
Gulf of California, 22 March 1962			
3	848-1		Vertical Air Photograph; El Moreno
	-2		About 5 Miles South-East of El Golfo de Santa Clara
	-3		El Golfo de Santa Clara
	-4		Mud Flat Range, Alias Punta Sargento, Alias Orca Island
3	848-5	n.d.	Index Map Showing Sea Breeze Beach Profile Location
	-6		Beach Profile of Sargento, La Gringa, and Isla San Jose
FIELD TRIP TO SHELL ISLAND SERIES			
3	849-1	11/61	Beach Toe, Mulinia Shells
	-2-3		Looking South From South End of Island
	-4		Looking East Across Shell Ridge at South End of Island
	-5		Looking West Across Shell Ridge at South End of Island
	-6		Shell Ridge (Mulinia) Along Island Crest; Showing Earl
	-7		Looking South-West
	-8		Looking North-West
	-9		Looking West, Showing Boat

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-10		Looking West, Showing Wendell [Gayman]
	-11		Bench Mark, Island Crest and Offshore Tidal Flat
	-12		Looking South From South End of Island
	-13		West Shore of Island
	-14		Beach Toe, West Shore of Island
	-15		Good Picture of Shell Ridge Along Island Crest; Mulinia Shells
	-16		Showing Earl
	-17		Mud Flat West of Island; Looking West-North-West
	849 -18	11/61	Mud Flat West of Island; Looking South-West and Showing West Slope of Island
	-19		Good Picture of Shell Ridge Along Island Crest; Mulinia Shells
	-20		Close-Up of Mulinia Shells Along Ridge Crest
	-21-22		Chione Shells All Concave Down on Tidal Flat of Silt, at South End of Island
END OF SHELL ISLAND SERIES			
3	850 -1	12/61	Beach 2 Miles East of Santa Clara; Earl and Weapons Carrier
	-2		Rock Outcrop, Lower Foreshore
	-3		Looking North at Rock Outcrop, Upper Fore-shore, Dunes and Cliffs

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	-4		Looking South-West, Showing Water Line at Middle or Low Tide
	-5		Looking East-South-East Along Beach
	-6		Taken About 8 Miles South-East of Santa Clara on Station 50; Front Range, Looking East-South-East at Mid Tide
	-7		Looking West
	-8		Cliffs About ½ Mile East of 850-6; Looking South-West From Half Way Up, Cusps and Spits
	-9		9 Miles East of Santa Clara; Looking West From Top of Cliffs, Shows Multiple Spits or Cusps
	-10		Looking East
	-11		Cliffs ½ Mile East of 850-6, Looking South
	-12		Southward View From Cliffs About ½ Miles North of Range (About 8 Miles South of Santa Clara)

MACROCYSTIS TRIP TO GULF OF CALIFORNIA SERIES

3	851-1	5/2/62	Earl Murray With El Cortez Motel in Background - San Felipe
	-2		Punta San Felipe Looking North
	-3		Pocket Beach North of Punta San Felipe
	-4-6		Pipe Dredge
	-7	5/3/62	Community Pump, El Golfo de Santa Clara
	-8		Morning Ablutions

Box	Neg.	Date	Negative Title
3	-9		Along El Golfo Range; Looking Seaward
	-10		Looking South
	-11		Looking North
	-12		Macrocyctis
	-13		El Golfo
	-14		The Murray Pressure Type Tide Gauge
	-15		A Shrimper
	-16	5/4/62	The North Bank of Rio Hardy North of Pelican Island
	-17-20		The Murray Pressure Type Tide Gauge
852-		05/5/62	Miss Assof Elias
	-1-2		Capilla de la Virgen del Mar, Second Step is BM [Barrier Mark] for El Golfo Range
	-3		El Golfo Beach, Note: High Tide Flotsam; Looking North-West From Range
	-4-5		Looking South-East From Range
	-6-7	5/6/62	Accommodations
	-8		El Chinero Barrier Island; Beach Face Compound of Mulinia Shells, Looking South
852-9		5/6/62	El Chinero Barrier Island; Beach Ridges Looking South
	-10		Beach Ridges Looking North Towards Inlet
	-11		Looking Towards Inlet
	-12		Natural Truncation of Beach Ridges, Looking South

Box	Neg.	Date	Negative Title
3	-13		Beach Face Looking South
	-14		Looking North to the Inlet
	-15		Inlet Side of Barrier, Looking North
	-16-17		Both Sides of Barrier, Looking South From Inlet
	-18		Multiple Beach Ridges, Looking South
	-19		---
853-		05/7/62	Grand Inlet (i.e. Third North of El Moreno), Indentation in Barrier _____ Inlet ↓ ↓ / / / / \ \ / / _____ Barrier \ /Barrier \ \ \ \ \ / \ / / / / _____ \ \ GULF \ \ ← Bar-- → North \ \
	-1-5		Beach Just North of Inlet (See Sketch ↑)
	-6		Headland West of Punta San Felipe
	-7		Punta San Felipe
	-8		Punta Diggs
	-9-12		Beaching the Macrocyctis at San Felipe
	-13-17		Old Beach Ridges at Kilometer 99 on the San Felipe Highway, Looking South

**FIELD TRIP TO EL MORENO GULF OF CALIFORNIA SERIES
28-31 January 1962, Photos by Gayman**

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
3	854-1		El Moreno, Looking Eastward Across Tidal Flat - Tide Out
	-2		View to North-East From Top of El Moreno Peak
	-3		Cliffs 7-9 Miles South of El Moreno; Shows Cross-Bedding
	-4-5		Shows Cut and Fill Structure
	-6		Taken From Top of Cliff; Looking North-East Across Tidal Flats, Tide Near MSL
	-7		Looking East
	-8		Looking North-East Across Tidal Flats
	-9		Looking East
	-10		Looking South Across Tidal Flats
	-11		South End of Beach About 9 Miles South of El Moreno; Showing High Water Line on Granite
	-12		Showing High Cliffs With Cross Bedding, Looking West

MACROCYSTIS CRUISE TO GULF OF CALIFORNIA SERIES
3 April - 2 May 1962, Photos by Gayman

3	855-1		El Golfo de Santa Clara, View From Sea
	-2		Hills Behind and East of El Golfo, Showing Shrimp Boat
	-3		Towing Skiff West of El Golfo
	-4-5		Earl on Stern of Macrocytis, Showing Pipe Dredge
	-6-8		Consag Rock

Box	Neg.	Date	Negative Title
3	855-	4/31/62	El Moreno, Beach Toe, Note: Angle of Ripple Marks With Beach Reflects Angle of Wave Approach
	-9-10		
	-11-12		Looking East Across Tidal Flat Showing Tide Staff and Wave Recorder - Tide Out
4	856-1	5/3-8/62	Santa Clara Mesa as Seen From Sea
	-2		Earl and Tide Gauge on Stern of Macrocyctis
	-3		Santa Clara as Seen From Sea
	-4		Santa Clara Mesa as Seen From Sea
	-5		Doug, Pablo, and Buddy King on Macrocyctis
	-6		Santa Clara Mesa as Seen From Sea
	-7-9	5/7/62	North Side of Grand Inlet Showing Skiff Anchored in Erosion Gully on West Side of Barrier - High Tide
	-10	5/8/62	Terraces West of Highway, Near Laguna Salada
	-11-12		Same as 856-7, But Also Showing Beach Ridges Which Have Built Southward

20 MILES NORTH OF SAN FELIPE SERIES

4	857-1	12/61	North Salina Ridge; in Area With No Surface Expression of Ridge
	-2		About ½ North, Where Surface Expression is Between ½ and 1 Foot
	-3		Same as 857-2, Looking Lengthwise Down Ridge, Earl in Background
	-4		Same as 857-2, Close-Up of Surface Shells

Box Neg. Date Negative Title

END OF NORTH OF SAN FELIPE SERIES

4 **K858**-1 5/4/62 Giant Ripples on Bar Off El Golfo, Photograph
by Gayman

API - GULF OF CALIFORNIA SYMPOSIUM SLIDES SERIES

4 **859**-1 n.d. Littoral Processes - Two Dimensional and
Three Dimensional Case (Photo by Crampton)

-2 Bar Building (Filed "B")

-3 Santa Cruz Beach Profile (Filed "B")

END OF API SYMPOSIUM SLIDES SERIES

4 **860**-1 6/2/62 Sand Dunes, Los Medanos (Kilometer 88)

-2-12 6/3/62 5 to 6 Feet Waves Breaking at High Tide at
El Moreno H_b Max = 3.0 to 4.0 Feet

861- 3/16/62 South Branch of Sumner Submarine Canyon,
-1-11 Inman and Murray Showing Beal's Cable Where
It Leaves North Wall and Slope Just Above
Beal's Cable, About 30% of Sediment Left in
Canyon Floor

862- n.d. Halibut Pictures
-1-12

863- Pictures of Submarine Canyon, Inman
-1-12

864- Earl [Murray]
-1-12

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
			SILVER STRAND - HUBBS BEACH PROFILE SERIES
4	865-1		Guard Shack, Palm Street Imperial Beach
	-2-3		South Imperial Beach
	-4		New Groin at Imperial Beach
	-5		From Grand Station Looking North to Groin
	-6		Bay End of Hubbs Survey, Silver Strand
	-7-8		Spit on Bay Side of Silver Strand
	-9		Old Breakwater, Coronado Hotel
	865-10	n.d.	Coronado Islands, San Diego California
	-11		Coronado Hotel
	-12		Old Breakwater, Coronado Hotel
	866-1		Ye Olde Fenny Swat (Coronado)
	-2		Life Guard Station, Foot of Palm
	-3-4		South Imperial Beach
	-5		Life Guard Shack Looking North to New Groin
	-6		New Groin at Imperial Guard Station
	-7		Rip Rap at Old Coronado Hotel
	-8		Ye Olde Hotel
	-9		Over Exposed Rip Rap, Coronado Hotel
	-10		Under Exposed Rip Rap?
	-11		Ye Olde Teeter Toter

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
4	-12		MKI Mod O.

S867 Vicinity of Newport Bay, Circa 1875

**CLIFFS AND HOUSES, LA JOLLA BEACH, SERIES
Earl's Pictures**

4	868-1	8/62	From SIO Pier End Looking South at SIO Sea Wall
	-2		Lance With Soledad in Background
	-3		Ramp on North Side of SIO Pier, Old DUKW Range
	-4		Sediment Cliff Face Just Below Old T32
	-5		From Sea Wall, Front of Inman's House
	-6		From New Home South of SIO, Looking North
	-7		South End of SIO Sea Wall, Looking South
	868-8	8/62	Second New Home of SIO Looking South
	-9		First New Home South of SIO
	-10		South Side of Second New Home South of SIO
	-11		Big George on "D" Range
	-12		Big George at Kelloggs New Sea Wall That Extends Below MHHW

**KAHIKO REEF TRIP SERIES
Underwater Photos by Murray, Kauai, Hawaii**

4	869-1	9/16/62	Inman - Top of Reef, in Buoy Area
	-2		[Blank]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
4	-3		Onshore Face of Coral Reef, Inman Near Toe of Reef Face
	-4		[Blank]
	-5		Sand Ripples in Gully Running Across Reef Top Onshore to Offshore
	-6		[Blank]
	-7-8		Inman and Sand Gully on Reef Top
	-9-12		Coral Head on Top of Dead Reef

NAPALI COAST, KAUAI, SERIES

4	870-0		Wendell Know Missing Ones
	-1		"Hanging Valley" Kauhao Valley
	-2		Barking Sands Looking South
	-3		Barking Sands and Hickamore Valley
	-4		Valley Just North of Kauhao
	-5-8		Barking Sands and Hickamore Valley
4	870-9	9/16/62	Barking Sands and Nahili Point, Looking South-East
	-10		Barking Sands
	-11		Nahili Point
	-12-13		Napali Coast From Off Nahili Point
	-14		"Hanging Valley" and V Canyon
	-15-16		Napali Coast East of Honopu

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
4	-17		Makaha Point
	-18		Milolii
	-19		Makaha Point

KAHIKO REEF SERIES

4	871-	9/17/62	Right-Rudder Rodriquez Taking Line From Hydrographic Winch on Baird
	-0-2		
	-3		"Hanging Valley" (Kauhao Valley)
	-4		[Not Printed]
	-5-6		"Hanging Valley" (Kauhao Valley);
	-7-8	9/16/62	Wave Cut Terrace Just North;
	-9		Nohili Point in Background
	-10		Valley Just North of Kauhao
	-11		State Park Just East of Milolii Valley
	-12	9/19/62	Beach Rock on Oomano Point - Friz McCoy
	-13	9/20/62	Pocket Beach West of Honopu Valley
	-14		Honopu Point
	-15-16		Honopu Beach
	-17		Terrace and Caves East of Honopu Valley
	871-	9/20/62	Honopu
	-18		
	-19		Terraces Looking South-West From Honopu
	-20-21		Terraces Between Milolii and Honopu

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
4	K872-1		All Filed Under Pac-H-K
	-2-4		Terraces Between Milolii and Honopu
	-5		Honopu
	-6		Terraces Between Milolii and Honopu
	-7		Honopu in Background
	-8		Just East of Honopu
	-9		Honopu
	-10-11		East of Honopu Looking Toward Kalalau
	-12		Milolii
	-13-14		Makaha
	-15		Milolii
	-16	9/21/62	North Kapaa Beach (South of Swimming Pool);
	-17		Looking North
	-18		Fisherman Shack North of Jetty - Kapaa Reef
	-19-20		Midsection of Kapaa Reef - Looking North
	-21		Multiple Berms on Tumahai Beach
K873-	9/21/62		Multiple berms Lunhai Beach
-1-4			
	-5		Overwash on the river mouth bar Wainiha Bay
	878		Kotzebue
	879		Kotzebue

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
4	880- -1-10		Flume Experiment on panel transport by current
	880- -2&9		Old Figs 2 & 9 of "flume experiment" paper
	881- -0-27		Shore Processes
	884- -1-3		Oceanography
	K885		Kotzebue negs (color)
	888- -2-12	1/5/63	Oceanogr 123 - Class Field Trip to Torrey Pines
	889- -1-12		Kaamapali
	894- -1-12		Kaamapali
	893- -1-8		Kaamapali
	891- -1-12		Kaamapali
	892- -1-12		Kaamapali
	891- -1-12		Kaampali
	896- -1-9		[Untitled]
	897a		[Untitled]
	898- -1-2		Get contact

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
4	899- -1-2		Helene - Index there they were copied from photo
	900- -2-12		[Untitled]
	901- -1-12		[Untitled]
	901- -9-10		[Untitled]
	902- -2-12		[Untitled]
	903- -1-12		[Untitled]
	904- -1-2	5/11/63	Santa Monica Slides Area, 11
	-3		Groans of Santa Monica
	-4		Redondo Boat Basin
	-5-6		Orange County Outfall, Newport Jetties
	-7-8		Camp Pendleton Boat Basin
	-9-10		Camp Pendleton Boat Basin
	-11-12		Camp Pendleton Boat Basin
	905- -1-4		Family
	906- -1-9		Inman
	K907		[Untitled]
	901-1		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
4	910- -1-8		[Untitled]
	911- -11-19		[Untitled]
	913		Mugu Spit Comparison
	914- -1-19		Microscope slide Photos
	915		[Untitled]
	917- -1-18		[Untitled]
	918- -1-21		[Untitled]
	919	6/18/63	BEB - Large Wave Channel, Washington, D.C.
	920- -1-12		[Untitled]
	921		Record in 10
	922		Frames 0-14, 15,16, 17, 18, 19, 20
	922-2		[Untitled]
	923- -1-10		[Untitled]
	924- -1-12		Aliso Beach at Laguna, Inman
	925- -2-11		[Untitled]
	926- -1-5		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
4	927-1	11/53	Pac-Rev-B, Herrera Crater, San Benedicto Is. Filed in MEX Req Photos
	928- -1-15		[Untitled]
	929		[Untitled]
	930- -1-11		[Untitled]
	931- -1-7		[Untitled]
	932- -1-2	2/64	Lithified Cores 2c, 5c, 7c, from Guerro Negro Dunes
	-3-4		Lithified Cores
	-5-6		Lithified cores, close up of electric components in water height indicator
	-7-8		Close up of electric components in water height indicator, Lithified cores
	-9-10		Lithified Cores, Close up of core
	-11-12		Close up of core
	933		Storm Surf
	934		[Untitled]
	935		[Untitled]
	936		[Untitled]
	K937		[Untitled]
	938- -1-12		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
4	940- -1-12		[Untitled]
	941- -1-6		[Untitled]
	942- -1-5		[Untitled]
	943- -1-28		Japan, 19-30, March 1964
	944- -8-21	4/64	Point Arguello
	945- -1-32		[Untitled]
	946- -1-20		[Untitled]
947		5/21/64	Pt Arguello, Roll #1
948		5/21/64	Pt Arguello, Roll #2
949		5/21/64	Pt Arguello, Roll #3
950		5/21/64	Pt Arguello, Roll #4
951- -1-11		5/21/64	Pt Arguello, Roll #5
952		5/26	Pt Arguello, Roll #1
953		5/26	Pt Arguello, Roll #2
954		5/26	Pt Arguello, Roll #3
955		5/26	Pt Arguello, Roll #4
956		5/26	Pt Arguello, Roll #5

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
4	957- -61	4/29/64	1 st Helicopter flight Gaviota to Pismo Beach Photo's by NAVY. Espada Bluff 1Kg N-NW from Jalama
	-121		Helicopter flight Gaviota to Pismo Beach Photo's by NAVY. Pt. Arguello Loran Station N to E.
	-173		Helicopter flight Gaviota to Pismo Beach Photo's by NAVY. Bear Valley 1kg N-NE
	-184		Helicopter flight Gaviota to Pismo Beach Photo's by NAVY. Santa Ynez river mouth 1kg E
	-189		Helicopter flight Gaviota to Pismo Beach Photo's by NAVY. 1kg N. to Purisima pt.
	-200		Helicopter flight Gaviota to Pismo Beach Photo's by NAVY. Large Cusp and rip above San Antonio Crk
	-222		Helicopter flight Gaviota to Pismo Beach Photo's by NAVY. 1kg N-NE Across Mussel Pt. to Santa Maria River
	-250		Helicopter flight Gaviota to Pismo Beach Photo's by NAVY. Dune Development N. of Oso Flaco
	958		[Untitled]
	959	5/64	Hydraulics Lab
	960- -1-2		B&W Negative from the saucer dives
	961	6/15/64	Tide & current Records
	962		Ripple marks from SIO Pier
	963- -1-12		[Untitled]

Box	Neg.	Date	Negative Title
4	964-		[Untitled]
	-1-12		
	965-		[Untitled]
	-1-12		
	966-		[Untitled]
	1-12		
	967-		[Untitled]
	1-12		
	968-		[Untitled]
	1-12		
	969-		[Untitled]
	1-11		
	970		Roll #1 Mex
	971		Roll #2 Mex
	972		Roll #3 Mex
	973		Roll #4 Mex
	974		Roll #5 Mex
	975-	7/9/64	Roll #6, Second inlet, end of Orca Island
	-1-2		
	-3-4		End of Orca island
	-5-6		El Chinero
	-7-8		Mid tide water level off north barrier
	-9-10		wave refraction against mud flats on bank of Rio Harde - 7 Mi. No. Barrier
	-11-12		Wave attenuation over mud flats east of no. barrier

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
4	982		Roll #7 Mex
	983		Roll #8
	984		Roll #9
	985		Roll #10
	986		Roll #11
	987		Roll #12
	988		Roll #13
	989		Roll #14
	990		Roll #15
	991		Roll #16
	992		Roll #17
	993		Roll #18
	994		Alive Staff expt., wavelength and press.
	995		Scripps Island
996-1		07/64	Tide record & flight time during El Moreno field trip
	997		Dr Inman
999-1		10/6/64	Infared film showing rips and giant eddy on coastline of Santa Catalina Is.
1000- -1-10		10/16/64	Photographs included in Wayne's Report
	1005		Operation Rip current from Helicopter #1
	1006		SIO Dock facility, Inman and Frautschy

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
4	1007-	11/12/64	Fig 1. Coastal Sand Dunes of Guerrero Negro, Baja Ca. chart showing the location of the study area and dist. Of eolian deposits in Guerrero Negro
	-1		
	-2		Fig. 3. Typical daily wind patterns for winter & summer, Dec 17-19, 1955
	-3A		Fig. 4. Plan and profile of typical dunes based on survey of May 16-17, 1958
	-4		Fig. 5. Tidal curve measured in Laguba G.N., May 16-17, 1958
	-5A		Fig. 6. The occurrence and height of tidal flooding above dune floor
	-6		Fig. 9. Wind velocity profile measure over dunes, May 17, 1958
	-7A		Fig. 10. Travel distance of dune, total travel distance 65 meters in 1322 days or 18miles per year
1008			Casa w/ mud
1009			[Untitled]
1010			Inman
1011			Dr. Inman, Wind ripples in terrestrial gastropod shells on Santa Rosa or San Miguel Island
1012			[Untitled]
1013			Dr. Inman, Roundness sphericity and size of Airoyo Isco Flood deposits after keumlein 1942
1014			[Untitled]

Box	Neg.	Date	Negative Title
4	1015-	11/12/49	Kaanapali Maui, From RM Towill 232-15&17 Max. -1 berm width on North Beach
	-2		Kaanapali Maui, From RM Towill 1528-2C Max. berm width on North Beach
	-3		Kaanapali Maui, From RM Towill 2734-13 recent
1016-	3/22/65		Diagram of waves transmitting energy -1
	-2		La Jolla Submarine Canyon
	-3		Rip Over La Jolla Submarine Canyon
1019			[Untitled]
1020	5/65		Roll #1 El Moreno
1021	5/65		Roll #2 El Moreno
1022-1	5/65		Roll #3 El Moreno
1021-	5/65		Roll #5 El Moreno -1-12
1025	5/65		Roll #6 El Moreno
1027			CUSS I
1028-	2/27/65		Kaanapali, Maui -2-4
	-5		Kaanapali, Maui
	-6-8		Kaanapali, Maui
1032-	n.d.		Beach Profiles Pt. Arquello -1 Environmental study, (from ocean science and Eng Beach Survey, 11N to 155

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
4	-2		Beach Profiles pt. Arquello Environmental Study, suggested sediment budget
	-3		6N to 10N
	-4		1N to 5N
	-5		General Topographic map
1033-	11/15/52		Alyos Rocks by D.L. Inman
	-1		
	-2		The continental shelf of North America
	-3		Wind generated waves wind velocity 0 to 5 knots, wind generated wave wind (50kn. Neg. 666-3) 70kn is neg 343-2
	-4		[Untitled]
	-5		Wave refraction along California Coast
1034-	7/30/65		Mini-Digit wave staff (shot at an angle)
	-1		
	-2		Mini-Digit wave staff (straight angle)
	-3		DAS-11
	-4-5		DAS Control Panel
	-6-7		DAS Control Panel
	-8-9		Mini-Digit Wave Staff (in wave channel), DAS control Panel
	-10		Beach Profile and wave Staffs
1035			Linda Filler
1036-	8/27/65		Sealab v/w Weather Station - Vibrotron and ambient light on cement clump
	-1-2		

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
4	-3-4		Sealab v/w Weather Station - Vibrotron and ambient light on cement clump
	-5-6		Sealab v/w Weather Station - Vibrotron and ambient light on lower pkg on cement clump
	-7-8		Sealab v/w Weather Station - Vibrotron and ambient light on lower pkg on cement clump
	-9-10		Sealab v/w Weather Station - Vibrotron and ambient light on lower pkg on cement clump
	-11-12		Sealab v/w Weather Station - Portable current meter
	-13-14		Sealab v/w Weather Station - Portable current meter
	-15-16		Portable station, upper pkg.
	-17-18		Sealab v/w weather station - upper pkg.
	-19-20		Sealab v/w weather station - lower pkg.
	-21-22		Lower pkg., Vibitron and ambient light
	-23-24		Sealab v/w weather station - Platform.
	-25-26		Sealab v/w weather station - Thermisters.
	-27-28		Sealab v/w weather station - Thermisters.
	-29-30		Thermisters, Vibitron
	-31-32		Sealab v/w weather station - Vibrotron
	-33		Sealab v/w weather station - vibrotron
	-34		Sealab v/w weather station - Lowering position, diver towing position, installed

Box	Neg.	Date	Negative Title
4	-35		Sealab II site Showing Berlson position (figure 2, Sealab rpt)
5	1036- -36	n.d.	Vicintiy Scripps & La Jolla Canyon Showing current meter station. Figure 1, sealab rpt
	-37		Schematic diagram v/w Weather station, 150 ft. station, benthic & pier and equipment (figure 3, sealab rpt)
	-39		Wave records (fig 8, Sealab rpt)
	-40		Data comparison v/w weather station 150ft. station & P.E., sept 22, 1955 (figure #7, 10.5 rpt)
	-41		Data comparison v/w weather station, 150ft. station & P.E. sept 25-26, 1965 (figure #6, sealab rpt. 10.5)
	-42		DAS-22 (fig 9, sealab rpt)
	-43		Earl Murray w/upper & lower current meter packages (USN Photo), (Fig. #5, sealab rpt)
	1037		Linda Fuller
	1038		R. Kirk
1039- -1-3		12/29/65	Bangkok bar looking west (1A), Laem Krabang looking northeast (2A), Village at Laem Krabang (3A)
	-4		Village at Laem Krabang
	-5-6		Village at Laem Krabang (3a), Entrance to Klong Bang Lamung south of Laem Krabang (6a), Entrance to Klong bank Lamung south of Laem Krabang (7a)

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
5	-8-10		Ao Thung Prong looking northeast (8a), Ao Thung Pron looking east (9a), Laemn Pu Cohao (10a)
	-11-13		Sattahip Naval Pier (11a), Ao Thung Kai Tia (12a), Sattahip Village (13a)
	-14-16		Satta Village (13a, 14a), Ao Chuk Samet and Ao Sattahip (16a)
	-17-19		Ao Chuk Samet (17a), Laem Thong Lang (18a, 19a)
	-20-22		Hat Nang Ram (20a), Hat Nang Ram with Leaem Thong Lang in the background; looking northwest (21a), Hat Nang Ram
	-23-25		Hat Nang Ram, The fishing piers at Ban Samae San, Ban Samae San with Khao Ma Cho in the background; looking northwest (25a)
	-26-28		Hat Luk Lom on the island of Ko Sawae San looking north (26a), Hat Luk Lom on the island of Ko Sawae San looking northwest with bar ko Samae San in the background (27a), Ban Ko Samae San (28a)
	-29-31		Ko Samae San (29a), Beach Laem Thong Lang-Sample #1 Capt. Bagley (30a), Beach ridge between Katha Khwam looking towards Katha Khwan. The upper beach ridge is estimated to be 20 feet above MAW at 0930 29 December and 200 feet inland. (31a)
	-32		Beach ridge between Katha Khwam looking towards Katha Khwan (32a)
	-33		Aerial photo-Ao Thung Kai Tai- north end of bay-Thailand
	-34		Aerial photo-Ao Thung Kai Tai- north end of bay-Thailand

Box	Neg.	Date	Negative Title
5	-35		Aerial photo-Ao Thung Kai Tai- south end of bay including the island of Goh Kai Tai
	-36		Aerial photo sand waves in Ao Thung Prong
	-37		Aerial photo - sand waves in Ao Thung Prong
	-38		Aerial photo - sand waves in Ao Thung Prong
	-39		Aerial photo -North end of Ao Thung Prong
	-40		Aerial photo - Coast south of Ao Thung Prong
	-41		Aerial photo fishing piers at Ban Samae San
	1040		[Untitled]
	1041-	n.d	Block diagram of data acquisition system (Figure 2, multi-purpose DAS)
	-2		
	-3		Magnetic Tape format (figure 3, multi-purpose DAS)
	-4		BCD cooling for channel identification (figure 4, multi-purpose DAS)
	-6		Schematic of output wave forms
	-7		Logic diagram of wave Staff electronics pkg.
	-8		16 x 8 Matrix for wave Staff Electronics pkg
	-10		Block diagram of period counter
	-11	1/9/65	Underwater photo of synchronous timing lights
	-12		RMS Error
	-13		Schematic of field & lab uses
	-14		Schematic of array for measuring nearshore modes

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
5	-15		Schematic of sand transport investigation instruments
	-16		Orbital motion & sand suspension
	-17		Lab wave power spectra - DAS - 34
1042-	1/9/65		Underwater photos synchronous timing
-2			lights-DAS-2, SW end of SIO pier 4.9 meters, 184:00 Sec-Slightly pas mas. Onshore flow-ripples visible
-3			time 185:00 sec-end of onshore surge V-0, susp. Sand height increasing, near max., ripples obscured
1042			4-38
1043-	n.d.		Hydraulic Research Sts, Wallingford photo of dye patches in rip current
-1			
1044			6-17
1045			Linda Fuller
1046			Linda Fuller
1047			4-5, Linda Fuller
1048-	5/66		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
-1-3			
-4-6			Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
-7-9			Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
-10-12			Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
5	-13-15		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-17-18		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-19		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-20		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-21-22		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-21-22		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-23-24		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-26-27		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-28-29		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-30-31		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-32-33		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-34-35		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-36-37		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-38-40		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
5	-41-42		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-43-44		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-45-46		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-47-48		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-49-50		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-51		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-52-53		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-55-56		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-57		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-58-59		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-60-61		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-63-64		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-65-66		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-67-68		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
5	-69		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-70-71		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-72-73		Field Trip to El Moreno
	-74-75		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-76		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-77-78		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-79		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-80		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-81-82		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-83-84		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	85		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
	-86-87		Fishing boats San Felipe. Field trip to El Moreno - Terraces near El Moreno
1049-			Beach Profile - El Moreno
-1			
-2			Contour diagram - red tracer volume samples - low tide, May 5, 1966- El Moreno, see 2a, 1181-11

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
5	-3		Contour Diagram - red Tracer Volume samples - Low tide, October 11, 1966, see 1181-12
	1050- 1-6	8/66	[Untitled]
	1051		[Untitled]
	1052		[Untitled]
	1053- -1-36		[Untitled]
	1054- -1-21		[Untitled]
	1055- -0-1		Roll ASI-3 Vung Tan
	-2-3		Roll ASI-3 Vung Tan
	-4-6		Nui Lon and Rach Ben Dink Looking southeast, Proposed LST anchorage on the Song Dinh
	-7-9		[Untitled]
	-10-12		entrance to Rach Cua Lap looking west, Beach east entrance to Rach cua Lap looking north
	-16-18		Beach northeast of Cap Saint Jacques, beach at Cap Saint Jaques
	-19-21		Roll ASI-4 Vung Tan
	1056		[Untitled]
	1057		[Untitled]
	1058		[Untitled]
	1058- -20-21		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
5	1059		Jean K
	1060-	8/25/66	Roll ASI-9, Hue- Northwest arm of lagoon,
	-0-2		Hue-northwest spit looking southeast
	-3-5		Hue -Northwest spit looking southeast, Hue - northwest spit looking southeast, longshore bars, village on the northwest at Hue
	-6-8		Hue-Thuan An entrance
	-9-11		Hue-Thuan An entrance, Southeast spit, vicinity of POL line
	-12-14		Hue-Thuan An Entrance, Beach on southeast spit, vicinity of sample 21
	-15-17		Hue -beach on southeast spit, vicinity of sample 21, southeast spit looking southeast, Thuan An entrance
	-18-20		Hue-Thuan An entrance and interior jetty, Thuan An entrance
	-21		Hue- Thuan An entrance
	1061-	8/66	City of Hue., Hue lagoon (Dam Thuy Tu)
	-0-1		
	-2-4		Hue lagoon (crossbars on south west shore of Dam Thuy Tu), Southeast spit looking southeast, beach along the southeast spit
	-5-7		Hue - Village of Phuong Dien, Dam An Hai looking southeast
	-8-10		Dam An Hai - Headland of Nai Linh Thai, Entrance to Dam An Hai, Coastline northwest of Dam An Hai, Longshore entrapment at headlands

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
5	-11-13		Dam An Hai entrance looking toward the China Sea., Green Bay encampment on Bam Long
	-14-16		Dam An Hai entrance with fish traps in the foreground, Dam An Hai entrance
	-17-19		Dam An Hai entrance - seaward trending bar, Dam An Hai entrance, entrance to Dam Lap An, south of Dam An Hai
	-20		North Shore of Da Nang Ba
1062-	08/26-		Roll ASI-11, Da Nang rip feeder channel,
-0-2	29/66		Beach - Da Nang Bay, fisherman on red Beach - Da Nang Bay.
	-3-5		Dredge Dillingham off permanent pier area - observatory, Chu Lai - Sailboats in the channel between Truong Giang & Vung An Hoa, Chu Lai - Rosemary Point & Laura Reef
	-6-8		Chu Lai - Looking south toward Anchorage, Chu Lai - Mary Lou Island
	-9-11		Chi Lai - Vung An Hoa & Truong Giang in the background, Chu Lai - Mary Lou Island
	-12-14		Chu Lai - Dredge fill on west edge of Point Rosemary, LST anchorage, Sampling beach sediments on Mary Lou Island
	-15-17		Chu Lai - South beach Mary Lou island (looking west), beach near Junk point sample station 37, Anchorage looking south
	-18-20		Chu Lai - Anchorage looking southwest, Marine Air group 36, sqdn 2 - Lt. Phil Turner & his crew
	-21		Roll ASI-11
1063			[untitled]

Box	Neg.	Date	Negative Title
5	1064- -29		[untitled]
	1065		L fuller
	1067		Moriarty
	1066- -1	n.d.	Schematic of wave set-up/down and envelope of shoaling wave height
	1068		[untitled]
	1069		L Fuller
	1070		[untitled]
	1071- -3	10/66	Roll 2 - Moreno field trip, wave Staffs
	-5-6		Sand Sampling
	-7-8		Sand Sampling
	-9-10		Sand Sampling
	1071- -1-2	10/66	Roll 2 - El Moreno field trip, Steve, Earl & gear in truck, NG - Wayne & electronics
	1072- -0-1	10/66	Roll 3 - El Moreno field trip. At the Este entrance 1 mi. n/o El Moreno Camp - current ripple marks, scale - notebook
	-2-3		Roll 3 - El Moreno field trip. At the Este entrance 1 mi. n/o El Moreno Camp - current ripple marks, scale - notebook
	-4-5		Roll 3 - El Moreno field trip. At the Este entrance 1 mi. n/o El Moreno Camp - current ripple marks, scale - notebook

Box	Neg.	Date	Negative Title
5	-6-7		Roll 3 - El Moreno field trip. At the Este entrance 1 mi. n/o El Moreno Camp - current ripple marks, scale - notebook
	-8-9		Roll 3 - El Moreno field trip. At the Este entrance 1 mi. n/o El Moreno Camp - current ripple marks, scale - notebook, Large Choya
	-11-12		Sand Samplings
	-12-13		High water, camp
	-10-11		Roll 3 - El Moreno field trip. Tracer injection site
	1074		Moriarty
	1075-1	3/17/67	Rip currents in wave basin for tony, series A" of wave period 6.40 sec
	-2		Series "A" of wave period 6.40 sec
	-3-4		Series "A" of wave period 6.40 sec
	-5		Series "A" of wave period 6.40 sec
	-6-7		Series "A" of wave period 6.4 sec & 5.48 sec
	-8		Series "A" of wave period 5.48 sec
	-8		Series "A" of wave period 5.48 sec
	-9		Series "A" of wave period 5.48 sec
	-10-11		Series "A" of wave period 5.48 sec
	-12		Series "A" of wave period 5.48 sec
	1076-1		[Untitled]
	-1-12		

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
5	1077-	3/17/76	Series "A" of wave period 4.32 sec
	-1-2		
	-3-4		Series "A" of wave period 4.32 sec
	-5-6		Series "A" of wave period 4.18 sec
	-7-8		Series "A" of wave period 3.85 sec
	-9-10		Series "A" of wave period 3.85 sec
	-11-12		Series "A" of wave period 3.85 sec
	1078-		[Untitled]
	-1-12		
	1079-		[Untitled]
	-1-12		
	1080-		[Untitled]
	-1-12		
	1081-		[Untitled]
	-1-12		
	1082-		[Untitled]
	-1-12		
	1083		Inman Passport Photo
	1084-		[Untitled]
	-1-13		
	1085-	5/20-	Fluorescent sand at El Moreno
	-1-2	24/67	
	-3-4		Fluorescent sand at El Moreno
	-5-6		Fluorescent sand at El Moreno, Fluorescent sand ready for injection

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
5	-7-8		Fluorescent sand ready for injection, George
	-9-10		Digital wave staffs and array
	-11-12		Digital wave staffs and array, Depth of wave action
1086-	-1-2		Preparing of Fluorescent Sand
	-3-4		Preparing of Fluorescent Sand
	-5-6		Preparing of Fluorescent Sand
	-7-8		Injection
	-9-10		Injection
	-11-12		Injection
1087-	5/20-		Sampling Fluorescent Sand
-1-2	24/67		
	-3-4		Sampling Fluorescent Sand
	-5-6		Sampling Fluorescent Sand
	-7-8		Sampling Fluorescent Sand
	-9-10		Sampling Fluorescent Sand
	-11-12		Profile Leveling, Water samplers and profile leveling
1088-	5/20-		Profile leveling and breaker measurements
-1-2	24/66		
	-3-4		Profile leveling and breaker measurements
	-5-6		Depth of wave action
	-7-8		New Bench marks

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
5	-9-10		New Bench marks
	-11-12		Last Day
1089-	5/67		Figures and tables for Tony Bowen's
-1			dissertation (no negative-offset masters in drawer in 3157A) 1089-4-3.5.2, A.J. Bowen's thesis, Nearshore circulation at Scripps, fig 2 balance of momentum on a bench
-2			figure 3 set down outside break point
-3			figure 4 profile of mean water level and wave height
-4			figure 5 power spectra of wave moving into shallow water
-5			figure 6 wave height close to max set-up
-7			figure 8 Kas function of δ -agreement between theory and exper.
-8			figure 9 similarity condition for wave profiles surf zone
-9			figure 10 δ mean-ratio of wave height to water depth-surf zone
-10			figure 11 profiles- mean water level and wave height
-11			figure 12 Linear solution using bottom friction
-11a			figure 12 linear solution using bottom friction. Rip currents pt 2, jan 9, 1969
-12			figure 13 solutions for transport stream function using eddy vis.
-12a			note: first and third case only on negative 1089-12a

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
5	-12b		Rip currents part 2,
	-13		figure 14 schematic diagram of exper. In wave tank
	-14		figure 15 offshore dependence of shallow water solution, edge waves
	-15		El Moreno Field Trip, Earl Murray
	-15		figure 16 edge waves and rip currents in wave tank
	-16		figure 17 interaction near break. Point heteo. Incoming and standing, edge waves
	-17		figure 18 subharmonic edge wave resonance
	-18		figure 19 X max, position of Max. Longshore current and 7
	-19		Figure 20 non-dimens max longshore currents
	-20		figure 21 non-dimens max longshore currents
	-21		Table I figure 22 power spectra for exper. DAS 73 El Moreno
1090			[Untitled]
1091			[Untitled]
1092			Pier currents in the hydraulics laboratory
1091b			[Untitled]
1091c			[Untitled]
1091d			[Untitled]
1091e			Verticals of wave in wave tank & rip current

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
5	1093		Scripps Beach site plan
	1094a		Attempt upso to in wave basin
	-1-12		
	1094b		Beginning Run
	-1-12		
	1095-		Continuation from 1094A
	-1-12		
	1096-		Continuation of Run 3
	1-12		
	1098-	n.d	Rip off SIO
	-1-2		
	-3-4		Start of Katrina
	-5-6		El Golfo de Santa Clara Looking southeast/northeast
	-7-8		El Golfo De Santa Clara looking northeast
	-9-10		El Golfo De Santa Clara looking northeast/northwest
	-11-12		El Golfo De Santa Clara looking northwest
	1099		[Untitled]
	1100		[Untitled]
	1101-	n.d.	San Felipe looking North
	-1-2		
	-3-4		San Felipe Bay looking west/southwest
	-5-6		San Felipe Bay looking southeast
	-7-8		San Felipe

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
5	-9-10		San Felipe
	-11-12		Stream Mouth at ensanada blanca, el Moreno beach looking north from las lanhas
	1102		[Untitled]
	1109- -1-4		[Untitled]
	1104- 1-12		[Untitled]
	1105- -1-12		Phyllis Fenton
	1106- -1-12		[Untitled]
	1107- -1-6		[Untitled]
	1112		Phyllis Fenton
	1113- -1-12		[Untitled]
	1114		[Untitled]
	1115		[Untitled]
	1116		[Untitled]
	1117		[Untitled]
	1118- -1-7		[Untitled]
6	1119		[Untitled]
	1120		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
6	1124-	11/27/67	Beginning of discharge of mud on silver strand photos by D.C. Inman flown in Cessna
	-1-2		
	-3-4		Beginning of discharge of mud on silver strand photos by D.C. Inman flown in Cessna
	-5-6		Beginning of discharge of mud on silver strand photos by D.C. Inman flown in Cessna
	-7-8		Entrance to Tijuana Slough
	-9-10		Beginning of discharge of mud on silver strand photos by D.C. Inman flown in Cessna
	-11-12		Beginning of discharge of mud on silver strand photos by D.C. Inman flown in Cessna
	1125-		[Untitled]
	-14		
	1126		[Untitled]
	1128		Dr. Inman
	1130		[Untitled]
	1132-	11/3-	Rip off Admin bldg at silver strand, rip
	-1-2	4/67	south of state park - shows mud in rip head near entrance to city dump
	-3-4		Shows pipes
	-5-6		Mud in small rips North of radio Station at Imperial Beach, Imperial Beach Groins
	-8		Patch of mud off North outfall pipe
	-9-10		Looking South Along silver Stand from amphib. Base, delta off Center Outfall Pipe
	-11-12		Patch of Mud off North Outfall pipe, and smaller rips opposite housing

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
6	1134		[Untitled]
	1136		[Untitled]
	1137		[Untitled]
	1138		[Untitled]
	1139		[Untitled]
1140-	12/4/67		Silver Strand Beach Cessna 172 Flt. D.L.I.
-1-2			Hasselblad pan X-120
-3-4			Strand Beach Cessna 172 Flt. D.L.I. Hasselblad pan X-120
-5-6			Silver strand with Imperial Beach in foreground looking north at altitude of 2000 feet
-7-8			Strand Beach Cessna 172 Flt. D.L.I. Hasselblad pan X-120
-9-10			Strand Beach Cessna 172 Flt. D.L.I. Hasselblad pan X-120
-11-12			Strand Beach Cessna 172 Flt. D.L.I. Hasselblad pan X-120
1141			Robin Snow
1142			[Untitled]
1143			[Untitled]
1145			[Untitled]
1147			[Untitled]
1149-	12/11/67		2pm flight 1day of 3 rd series pumped, D.L.I.
-1-2			Hasselblad pan X 120

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
6	-3-4		2pm flight 1day of 3 rd series pumped, D.L.I. Hasselblad pan X 120
	-5-6		2pm flight 1day of 3 rd series pumped, D.L.I. Hasselblad pan X 120
	-7-8		2pm flight 1day of 3 rd series pumped, D.L.I. Hasselblad pan X 120
	-9-10		2pm flight 1day of 3 rd series pumped, D.L.I. Hasselblad pan X 120
	-11-12		Silver Strand State Park
1151-	-1-2		2pm flight 2day of 3 rd series pumped, D.L.I. Hasselblad pan X 120
	-3-4		2pm flight 2day of 3 rd series pumped, D.L.I. Hasselblad pan X 120
	-5-6		2pm flight 3day of 3 rd series pumped, D.L.I. Hasselblad pan X 120
	-7-8		2pm flight 3day of 3 rd series pumped, D.L.I. Hasselblad pan X 120
	-9-10		2pm flight 3day of 3 rd series pumped, D.L.I. Hasselblad pan X 120
	-11-12		2pm flight 3day of 3 rd series pumped, D.L.I. Hasselblad pan X 120
1152			Jean K
1153			[Untitled]
1154-	-13		Rips along Silver Strand Beach taken by Robin Welsh with multo band - red band
1154			[Untitled]

Box	Neg.	Date	Negative Title
6	1155		[Untitled]
	1157		[Untitled]
	1158		[Untitled]
	1159		[Untitled]
	1160		[Untitled]
1161-	n.d.		figure 4 - definition sketch of cell models
-2			for nearshore mixing.
1161			[Untitled]
1162			Linda Fuller
1163-	n.d.		Water resources control board progress report
-1			Plot of I Vs P
-2a			Water resources control board progress report
-3			figure 4 model 1A asymmetrical Cell
-4			figure 3 wave spectra and cross-spectral analysis of on-off- shore pair of an array of wave sensors at silver strand
-5			Figure 6 - schematic diag. of tracer concentration for model 1s
-6a			figure 5 schematic diagram of tracer concentration for model 1A
-6b			figure 5 schematic diagram of tracer concentration for model 1A
-7			figure 2 schematic diagram of sensor array used for measuring direction and flux of wave energy

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
6	-8		Figure 12- cumulative curves showing grain size distribution of samples collected at silver strand beach
	-9a		figure 11- beach profiles off silver strand beach
	-9a		figure 11- beach profiles off silver strand beach
	-10		figure 10- location chart for the silver strand dispersion study
	-11		figure 13- dispersion patterns of mud pumped on silver strand beach
	-12		figure 14- dispersion patterns of mud pumped on silver strand beach
	-13		figure 15- dispersion patterns of mud pumped on silver strand beach
	-14		figure 16- dispersion patterns of mud pumped on silver strand beach
	-15		figure 17- dispersion patterns of mud pumped on silver strand beach
	-16		figure 18- dispersion patterns of mud pumped on silver strand beach
	-17		figure 19- dispersion patterns of mud pumped on silver strand beach
	1164		Dr. Inman
	1165		Dr. Inman
	1165-		[Untitled]
	-2		

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
6	1166		[Untitled]
	1167		Dr. Inman
	1168		[Untitled]
	1169		[Untitled]
	1171		[Untitled]
	1172	n.d.	Vincente Vila's chart of San Diego Bay filed USAC1.2 Chart drawer
	1173		[Untitled]
	1174		[Untitled]
	1175-	n.d.	Cartwright Aerial Photograph
	-1		
	-2		Cartwright Aerial Photograph
	-2		Cartwright Aerial Photograph
	1176-		[Untitled]
	-11		
	1176		[Untitled]
	1177		[Untitled]
	1178		[Untitled]
	1179		[Untitled]
	1180		[Untitled]
	1184		[Untitled]
	1185		[Untitled]
	1186		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
6	1187		[Untitled]
	1188-		[Untitled]
	-1		
	1188-		[Untitled]
	-1		
1189-	5/11/68		El Moreno Field Trip, Earl Murray
-1-2			
-3-4			Moreno Field Trip, Earl Murray
-5-6			Moreno Field Trip, Earl Murray
-7-8			Moreno Field Trip, Earl Murray
-9-10			Moreno Field Trip, Earl Murray
-11-12			Moreno Field Trip, Earl Murray
1190			[Untitled]
1191-			El Moreno Trip
-1-2			
-3-4			El Moreno Trip
-5-6			El Moreno Trip
-7-8			El Moreno Trip
-9-10			El Moreno Trip
-11-12			El Moreno Trip
1192			[Untitled]
1193			[Untitled]
1194			[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
6	1195		Inman
	1196		Jean K
	1197		J. Keefren
	1198		Dr. Inman
	1199- -2		[Untitled]
	1200		[Untitled]
	1201		[Untitled]
	1203		Dr. Inman
	1204		[Untitled]
	1205		[Untitled]
	1206		Dr. Inman
	1207		[Untitled]
	1208		[Untitled]
	1209- -36?		[Untitled]
	1210		[Untitled]
	1212		Dr. I
	1213		Dr. Inman, Glass
	1215		[Untitled]
	1215- -2a		[Untitled]
	1216		Dr. Inman

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
6	1217		D.L. Inman
	1218		Inman
	1219		Inman
	1220		Dr. Inman
	1221		Jean
	1222		[Untitled]
	1223		J. Keefren
	1224		Dr. Inman
	1224A		[Untitled]
	1225		Inman
	1226		Dr. Inman
	1227		[Untitled]
	1228		[Untitled]
	1229		[Untitled]
	1230		Dr. Inman
	1231		Dr. Inman
	1232		Carolyn Wallace
	1233		Dr. Inman
	1234		Inman

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
6	1239- -1-2	2/14/69	Photos in Hyd Wave channel, resonant and nonresonant surf zone, (Bob Tait) photos by S. Roberts-Hasselblad. $\frac{3}{4}$ wavelength resonant run-up, camera normal to channel lowest wave at break point. $\frac{3}{4}$ wavelength resonant run-up, camera normal to channel 2 nd from lowest wave at break point.
	-3-4		$\frac{3}{4}$ wavelength resonant run-up, camera normal to channel 3rd from lowest wave at break point. $\frac{3}{4}$ wavelength resonant run-up, camera normal to channel 4th from lowest wave at break point.
	-5-6		$\frac{3}{4}$ wavelength resonant run-up, camera normal to channel 5th from lowest wave at break point. $\frac{3}{4}$ wavelength resonant run-up, camera normal to channel 6th from lowest wave at break point.
	-7-8		1/4 wavelength resonant run-up, camera normal to channel from lowest wave at break point. 1/4 wavelength resonant run-up, camera normal to channel from 2nd lowest wave at break point.
	-9-10		1/4 wavelength resonant run-up, camera normal to channel from 3 rd lowest wave at break point. 1/4 wavelength resonant run-up, camera normal to channel from 4 th lowest wave at break point.
	-11-12		1/4 wavelength resonant run-up, camera normal to channel from 5 th lowest wave at break point. 1/4 wavelength resonant run-up, camera normal to channel from 6 th lowest wave at break point.
6	1240- -1-2	2/14/69	1/4 wavelength resonant run-up, camera normal to channel from 7 th lowest wave at break point. 1/4 wavelength resonant run-up, camera

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
6	-3-4		1/4 wavelength resonant run-up, camera normal to channel from 9 th lowest wave at break point. Nonresonant Run-up, camera normal to channel lowest Run-up.
	-5-6		Nonresonant run-up, camera normal to channel mid run-up increasing
	-7-8		Nonresonant run-up, camera normal to channel mid run-up decreasing
	-9-10		Nonresonant run-up, camera normal close up to channel mid run-up increasing
	-11-12		Nonresonant run-up, camera normal close up to channel mid run-up decreasing
	1241		[Untitled]
	1242		[Untitled]
	1243		[Untitled]
	1248		[Untitled]
	1249		Jean K
	1250		[Untitled]
	1251		Jean K, Glass
	1252- -1	n.d.	[Untitled]
	-1c		General map of Nile Delta revised October, 1984
	-1d		Sand transport rats along the Nile littoral cell-acetate, overlay on 1252-1c

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
6	-1d		Sand transport rats along the Nile littoral cell-acetate, overlay on 1252-1c
	-2		Bathymetry at Bardawii Lagoon
	-3		Salinity of Bardawii Lagoon
	1253		Jean K
	1254		Jean K
	1254a		Inman
	1255		[Untitled]
	1256		Jean
	1257-	n.d.	Isla San Jose profiles (lagoon)
	-1		
	-2a		[Untitled]
	-2b		Energy density diagram for world shorelines, book chapter 1
	-3		World wide generation of storms by prevailing winds
	1258-		John Dingers's Thesis (M.S)
	-3		
	-4		John Dingler's Thesis (M.S.)
	-5		John Dingler's Thesis (M.S.), (scratch on slide) replace 19 June 69 J.K.
	-7		John Dingler's Thesis (M.S.)
	-17		John Dingler's Thesis (M.S.)
	-33		Replaced by 1258.34 on 19 June 1996 (smear on negative)

Box	Neg.	Date	Negative Title
6	-34		John Dingler's Thesis (M.S.)
	-42		John Dingler's Thesis (M.S.)
	-47		John Dingler's Thesis (M.S.)
	-51		John Dingler's Thesis (M.S.)
	-92		John Dingler's Thesis (M.S.)
1259-	-1	n.d.	Surface current patterns base test hour 11, S.D. Bay (All photos made from orig. development)
	-2		Surface current patterns base test hour 21, S.D. Bay
1260			Dr. Inman
1261			Komar
1262-	-1	8/69	Bay of Biscay, France
	-2		Republic of the Ivory Coast
	-3		Gulf of Mexico
1263			Komar
1264			[Untitled]
1265			[Untitled]
1267			[Untitled]
1268-	-1		Komar
1268-	-1		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
6	1269		[Untitled]
	1270		Dr Inman
	1271		[Untitled]
	1272		[Untitled]
	1273		[Untitled]
	1274		Jean Keefner
	1278		[Untitled]
	1279		[Untitled]
	1282		[Untitled]
	1284		[Untitled]
	1285		Jean K
	1286		Jean K
7	1290		Jean K
	1290- -2a		[Untitled]
	1292		Dr. Inman
	1293		Jean K
	1294		[Untitled]
	1295		[Untitled]
	1296		[Untitled]
	1298- -1-2	3/10/70	Sumner Canyon Taken by D.L. Inman

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
7	-3-4		Sumner Canyon Taken by D.L. Inman
	-5-6		Sumner Canyon Taken by D.L. Inman
	-7-8		Sumner Canyon Taken by D.L. Inman
	-9-10		Sumner Canyon Taken by D.L. Inman
	-11-12		[Untitled]
1299-	3/10/70		Figure 1 in 1970-1971 ONR Proposal- synoptic
-1			measure of pres. Wind, canyon currents from Scripps Canyon
-2			Spectral and cross spectral analysis of wave measure from 2 sensors in 20 feet water
-3			Spectral and cross spectral analysis of canyon currents and pressure
-4			Schematic drawing of flow over a dynamically smooth and rough bed, chapter4
-5			Velocity distribution and excess momentum, chapter 4
-6			Schematic drawing of laminar boundary layer, chapter 4
-7			Boundary separation and the formation of wakes, chapter 4
-8			Wave Shoaling transformation, chapter 8
-8a			Shoaling transformation as a function of the ratio of water to water wavelength, chapter 4
-9			Shoaling transformation as a function of the ratio of water depth to water wavelength
-10			Definition sketch for simple waves, chapter 4
-11			Graph of hyperbolic functions, chapter 4

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
7	-12		Analog record of Canyon Currents, from 15:66-16:22 PST, Chapter 1
	-13b		[Untitled]
	1300		[Untitled]
	1301		[Untitled]
	1302		Jean K
	1303		Inman
	1304		Jean K
	1305		Jean K
	1306		[Untitled]
	1307- -3		[Untitled]
	1307- -8		[Untitled]
	1309		Jean K
	1310		Jean K
	1311		Jean K
	1311- -2		[Untitled]
	1312		[Untitled]
	1314		Inman
	1315		[Untitled]
	1316		Jean K

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
7	1317		[Untitled]
	1318-	n.d.	Fire Island Inlet
	-2		
	-3		Tidal records mean annual high water for Thames
	-4		Map of North Sea, (for seminar)
	-5		Map of England and France (for seminar)
	-6		Crescentic bars obtained by T. Bowen for D.L.I. from Van Beek San Diego State, photos on of bay situated between Kalaa Cape (shale gneiss tongue) and the El Madr Freriland, Algeria
	-6a		Crescentic bars obtained by T. Bowen for D.L.I. from Van Beek San Diego State, photos on of bay situated between Kalaa Cape (shale gneiss tongue) and the El Madr Freriland, Algeria
	-7		Data plot from canyon current analog record-27
	-8		Annual mean water levels in river Thames-1935-1970
	-10		stokes second order wave
	-11		Boay I Bordaivil Lagoon Aerial photo oversized negative
	-12		DAS 314 used in 1971 ONR progress/ proposal report, wave spectise
	-13		Crescentic sand bars schematic-T
	-14		Crescentic sand bars lab experiments

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
7	-15		Figure 4, p. 281 from Rossiter
	-16		Figure 2, p. 53 from Redfield
	-17		Figure 3, p. 53 from Redfield
	-18		Figure 3, P. 53 from Redfield
	-19		Mediterranean Sea- Ashdod Harbor- Beach Profile
	-20		Figure 2 , p. 7, H.R. and McFarlan
	-21		Plate 2 , Gould, H.R. and McFarlan
	-21		Plate 2 , Gould, H.R. and McFarlan
	-22		Shepards neg Bathymetry of Bay of Biscay showing Cap Breton canyon
1318-			[Untitled]
-1a			
1318-			Staff Passport Photos
-9			
1319			[Untitled]
1320			[Untitled]
1321			[Untitled]
1322			[Untitled]
1323			[Untitled]
1325			[Untitled]
1326			[Untitled]
1327			[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
7	1328		[Untitled]
	1329		[Untitled]
	1330		[Untitled]
	1331		[Untitled]
	1334		[Untitled]
	1335		[Untitled]
	1336		[Untitled]
	1337		[Untitled]
	1338		[Untitled]
	1339		[Untitled]
	1340		[Untitled]
1340-	11/7/70		Was taken by air photo Tech, inc. of Honolulu
-2			
	1341		[Untitled]
	1342		[Untitled]
	1343		[Untitled]
	1344		[Untitled]
	1355		[Untitled]
	1346		[Untitled]
	1347		[Untitled]
	1348		C. Hardstrom

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
7	1349		[Untitled]
	1351		Keefner
	1377		Jean K
	1441		[Untitled]
	71.1		Jean K
	71.4		[Untitled]
	71.5		Jean K
	71.6		Jean K
	71.7		Inman
	71.9		Jean K
	71.11		[Untitled]
	71.13	1971	Dr. Inman
	71.14		[Untitled]
	71.16		[Untitled]
	71.17		[Untitled]
	71.18		[Untitled]
	71.20		[Untitled]
	71.8-3	10/71	Stream Power Vs. Efficiency (S. Kleins drawings)
	-4		Stream Power vs. immersed weight transport rate, is dyne sec ⁻¹ cm ⁻¹
	-5		Aerial photo taken from Hyd Lab Berkely- rips off coast at Ford Ord

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
7	-6		Aerial photo loaned by Erk Reinmenty "Desembocadura del Rio Balsas."
	72.1		Jean K
	72.2		Jean Keefner
	72.3-	2/72	Miscellaneous Drawings, Selective trapping of -1a edge wave modes showing Scripps & La Jolla Canyons - depths in meters & currents in cem.
	-2		Settling Velocity - Particle Diameter
	-3		Drag Coefficients for smooth & rough cannels
	-4		Specific energy in a channel
	-5		Map showing mouth of Indus River
	-6		Diagram Showing: A orbital motion of waves & B. vortex Sublayer over Ripples
	-7		Steady canyon current vs tidal range
	-8		Schematic of edge wave trapping along argentine coast at Mar del Plata
	-9		trapped modes of edge waves
	-10		Trapped modes of edge waves
	-11a		World coasts map
	-12		Schematic dwg for trapping of edge waves
	-13		Delta of Ganges showing Bramaputra
	-14		spectra of turbulence and the Kalomogoru fine scale
	-15		Dye dispersion diag from Pt. Arguelo

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
7	-16		Wave shadow
	72.4		Jean k
	72.5		[Untitled]
	72.6		[Untitled]
	72.7		Jean K
	72.8		[Untitled]
	72.9-1	n.d.	Navy Photos of Scammons Lagoon taken 9/12/52, Sand Steaks near Scammons Lagoon
	-2		[Untitled]
	-3		Entrance to Guerrero Negro
	-4		Entrance to Scammons Lagoon
	72.10		[Untitled]
	72.11		[Untitled]
	72.12		Jean K
8	72.13		[Untitled]
	72.14		[Untitled]
	72.15		Jean K
	72.16		[Untitled]
	72.17		[Untitled]
	72.19		Jean K
	72.20		[Untitled]
	72.21		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
8	72.22		[Untitled]
	72.23		[Untitled]
	72.25		Jean K
	72.26		[Untitled]
	72.27		Jean K
	72.28		[Untitled]
	72.30		Jean K
	72.30A		[Untitled]
	72.31		[Untitled]
	72.33		Jean K
	72.34		[Untitled]
	72.35		[Untitled]
	72.36		[Untitled]
	72.37		[Untitled]
	72.39		[Untitled]
	72.40		Jean K
	72.41		Jean K
	73.41		Jean K
	72.42		[Untitled]
	72.43		[Untitled]
	72.44		Jean K

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
8	72.45		[Untitled]
	72.46		Jean K
	72.49		[Untitled]
	72.50		Jean K
	72.51		Jean K
	72.52		Inman
	72.53		[Untitled]
	72.54		[Untitled]
	72.55		J Keefner - Inman
	72.56		[Untitled]
	72.57		[Untitled]
	72.59		[Untitled]
	72.60		[Untitled]
	72.61		Jean K
	72.62		[Untitled]
	72.65		[Untitled]
	72.66		[Untitled]
	72.67		[Untitled]
	72.68		[Untitled]
	72.69		[Untitled]
	72.70		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
8	72.71		[Untitled]
	72.72		[Untitled]
	72.81		[Untitled]
	72.82		[Untitled]
	72.83		[Untitled]
	72.85		[Untitled]
	72.86		Jean Keefner
	72.87		[Untitled]
	72.88		[Untitled]
	72.90		[Untitled]
	72.92		Jean K
	72.96		[Untitled]
	72.97		[Untitled]
	72.99		[Untitled]
	72.100		[Untitled]
	73.1		[Untitled]
	73.2		[Untitled]
	73.3		[Untitled]
	73.4		[Untitled]
	73.6		Jean K
	73.7		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
8	73.8		Jean K
	73.9		Jean K
	73.10		[Untitled]
	73.11		[Untitled]
	73.12		[Untitled]
	73.13		[Untitled]
	73.14		[Untitled]
	73.15		Jean K
	73.16		[Untitled]
	73.17		Jean K
	73.18		Jean K
	73.19		[Untitled]
	73.20		[Untitled]
	73.22		[Untitled]
	73.23		Jean K
	73.24		[Untitled]
	73.25		[Untitled]
	73.27		Jean K
	73.28		[Untitled]
	73.29		[Untitled]
	73.30		Jean K

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
8	73.31		[Untitled]
	73.32		Jean K
	73.33		[Untitled]
	73.34		[Untitled]
	73.35		[Untitled]
	73.36		[Untitled]
	73.37-		[Untitled]
	-1-2		
	-3-4		[Untitled]
	-5-6		[Untitled]
	-7-8		[Untitled]
	-9-10		[Untitled]
	-11-12		[Untitled]
	73.38		[Untitled]
	73.39		Jean K
	73.40		[Untitled]
	73.40-	3/24/73	Shore processes Laboratory Open House
	-22-24		
	73.41		[Untitled]
	73.43		[Untitled]
	73.45		[Untitled]
	73.46		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
8	73.48		[Untitled]
	43.49		[Untitled]
	73.51		[Untitled]
	73.52		Jean K
	73.53		Mrs Cockran
	73.54		[Untitled]
	73.56		[Untitled]
	73.56- -1B		Graph, Torrey Pines State Beach Net Errosion
	73.57		[Untitled]
	73.58		[Untitled]
	73.59		Jean K
	73.60		[Untitled]
	73.61		[Untitled]
	73.62		[Untitled]
	73.64		[Untitled]
	73.65		[Untitled]
	73.66		Jean K
	73.67		[Untitled]
	73.68		[Untitled]
	73.69		[Untitled]
	73.70		Jean K

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
8	73.72		Jean K
	73.73		Jean K
	73.74		[Untitled]
	73.75		[Untitled]
	73.76		Jean K
	73.77		[Untitled]
	73.70		[Untitled]
	73.81		[Untitled]
	73.82		[Untitled]
	73.84		Jean K
	73.85		[Untitled]
9	73.86		Jean K
	73.87		[Untitled]
	73.88		Jean K
	73.90		[Untitled]
	73.91- -1-50		[Untitled]
	73.91- -51-88		[Untitled]
	73.92		[Untitled]
	73.93		[Untitled]
	73.94		Jean K

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
9	73.95		[Untitled]
	73.96		Jean K
	73.97		Jean K
	73.98		Jean K
	73.99		Melody
	73.100-		Jean K
	-1		
	73.101		[Untitled]
	73.102-		[Untitled]
	-1-9		
	73.103		Jean K
	73.105		Jean K
	73.106		[Untitled]
	73.107		[Untitled]
	73.108		Jean K
	73.109		[Untitled]
	73.110		Jean K
	73.111		[Untitled]
	73.112		[Untitled]
	73.113		[Untitled]
	73.114		[Untitled]
	73.115		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
9	73.116		Jean K
	73.117		[Untitled]
	73.118		Jean K
	73.119		Jean K
	73.120		Jean K
	73.121		Jean K
	73.122		[Untitled]
	73.123		Melody
	73.125		[Untitled]
	73.126		[Untitled]
	73.127		[Untitled]
	73.128		[Untitled]
	73.129		[Untitled]
	73.130		Jean K
	73.131		[Untitled]
	73.132		[Untitled]
	73.133		[Untitled]
	73.134		[Untitled]
	73.135		[Untitled]
	73.136		[Untitled]
	73.137		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
9	73.138		[Untitled]
	73.139		[Untitled]
	73.139-		[Untitled]
	-10-12		
	73.140-		[Untitled]
	-8		
	73.140		[Untitled]
	73.142		[Untitled]
	73.143		[Untitled]
	73.144		[Untitled]
	73.145-	12/73	Miscellaneous Drawings, Crater mechanics
	-1a		
	-2		Contours of Crater-sink bypassing our outside Del Mar Boat Basin, Oceanside
	-3		Subharmonic edge wave, from T.W.F. Harris' Thesis, figure 3.11 (s) Guza
	-4		George, Earl, and Ed Tunstall installing pressure sensors on Scripps beach
	-5		S. Klein on SIO Beach showing run-up meter installation
	-8		Rip at Coronado, Ca US Navy Photo from Sheppard, Emery, and LaFond, 1941
	73.146		[Untitled]
	73.147		[Untitled]
	73.148		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
9	73.149		[Untitled]
	73.150		[Untitled]
	74.4		[Untitled]
	74.5		Jean K
	74.6		[Untitled]
	74.12		[Untitled]
	74.13		Jean K
	74.14		[Untitled]
	74.15		[Untitled]
	74.18		[Untitled]
	74.19		[Untitled]
	74.20		[Untitled]
	74.21		[Untitled]
	74.22		[Untitled]
	74.23		[Untitled]
	74.24		[Untitled]
	74.25		[Untitled]
	74.26		[Untitled]
	74.27		[Untitled]
	74.28		[Untitled]
	74.29		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
9	74.30		[Untitled]
	74.31		[Untitled]
	74.32		[Untitled]
	74.33		[Untitled]
	74.34		[Untitled]
	74.35		[Untitled]
	74.36		[Untitled]
	74.37		J.K.
	74.38		[Untitled]
	74.40		[Untitled]
	74.41		[Untitled]
	74.42		[Untitled]
	74.43		Jean K
	74.44		Jean K
	74.45		[Untitled]
	74.47		[Untitled]
	74.48		[Untitled]
	74.49		[Untitled]
	74.50		[Untitled]
	74.51		[Untitled]
	74.53		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
9	74.54		[Untitled]
	74.55		[Untitled]
	74.56		[Untitled]
	74.57		[Untitled]
	74.58		Jean K
	74.59		Jean K
	74.60		[Untitled]
	74.61		[Untitled]
	74.62		[Untitled]
	74.63		Jean K
	74.64		[Untitled]
	74.65		[Untitled]
	74.66		[Untitled]
	74.67		[Untitled]
	74.68		[Untitled]
	74.69		Jean K
	74.72		[Untitled]
	74.73		Jean K
	74.74		[Untitled]
	74.75		[Untitled]
	74.78		Jean K

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
9	74.79		Jean K
	74.80		[Untitled]
	74.81		Jean K
	74.82		[Untitled]
	74.83		[Untitled]
	74.84		[Untitled]
	74.85		[Untitled]
	74.86		Jean K
	74.87		[Untitled]
	74.88		[Untitled]
	74.89		[Untitled]
	74.90		[Untitled]
	74.91		[Untitled]
	74.92		[Untitled]
	74.93		[Untitled]
	74.94		[Untitled]
10	74.95		[Untitled]
	74.96		[Untitled]
	74.97		[Untitled]
	74.98		[Untitled]
	74.99		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
10	74.100		[Untitled]
	74.101		[Untitled]
	74.102		[Untitled]
	74.103		[Untitled]
	74.104		[Untitled]
	74.105		[Untitled]
	74.106-		[Untitled]
	-1-20		
	-36b		[Untitled]
	-21-40		[Untitled]
	74.107		[Untitled]
	74.108		Jean K
	74.109		[Untitled]
	-8-9		[Untitled]
	74.110		[Untitled]
	74.111		[Untitled]
	74.112		[Untitled]
	74.113		Jean K
	74.114		Jean Keefner
	74.115		Jean K
	74.116		[Untitled]
	74.117		Jean Keefner

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
10	74.118		Jean K
	74.119		Melody Uralpando
	74.120		[Untitled]
	74.121		[Untitled]
	74.122		Jean K
	74.123		[Untitled]
	74.124		[Untitled]
	74.125		Jean K
	74.127		[Untitled]
	74.128		Jean K
	74.129		Jean K
	K74.130		[Untitled]
	74.130		[Untitled]
	74.131		Jean K
	74.132		Jean K
	74.134		Toss
	74.135		Misc.
	74.135- -10		A. Collision Coasts; B. Trailing Edge, Book Chap. 1
	-10b		[Untitled]
	-10c		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
10	74.137		Jean K
	74.138		Jean K, Sonar Drawings
	74.139		Jean K
	74.140		[Untitled]
	74.141		Jean K
	74.143		Jean K
	74.144		Clark
	74.151		[Untitled]
	74.152		[Untitled]
	74.153		[Untitled]
	75.1	1/75	Shore Processes Lab
	75.2		[Untitled]
	75.3		[Untitled]
	75.4		[Untitled]
	75.5		[Untitled]
	75.6		Keefner
	75.7		Jean K
	75.9- -1-17		[Untitled]
	-18-39		[Untitled]
	75.10		[Untitled]
	75.12-	2/75	Figure 1 of Beach & cliff Erosion in SD

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
10	-3		County, California. Nerdstrom & Inman, Oceanside Cell
	-4		Torrey Pines Beach Profile, 1960-1973
	-5		Schematic showing fluid regime & bed foam
	-6		3-dim definition sketch for rips over shelf
	-7		Schematic of Georgetown Harbor area in Grand Caymans, showing effects of reefs
	-8		On-offshore mixing in the surf zone
	-9		Spectra-Scripps Canyons, March 1971, DAS 314
	-10		[Untitled]
	75.13		[Untitled]
	75.14		[Untitled]
	75.15		[Untitled]
	75.16		[Untitled]
	75.17		Jean K
	75.18		[Untitled]
	75.19		Jean K
	75.20		[Untitled]
	75.21		[Untitled]
	75.24		[Untitled]
	75.28		Jean K
	75.29		Keefner

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
10	75.30		Keefner
	75.31		Jean K
	75.32		Keefner
	75.33-	9/26/78	Caesarea, Sea 1209-36, Andre drew out line of
	-10		aqueduct and showed resulting erosion and accretion, ancient harbor
	75.33		[Untitled]
	75.34		Jean K
	75.35		Keefner
	75.36		[Untitled]
	75.37		[Untitled]
	75.39		[Untitled]
	75.40		Keefner
	75.41		Jean K
	75.42		Jean Keefner
	75.43		Jean K
	75.45		[Untitled]
	75.46.22		[Untitled]
	75.46		Jean K
	75.47		[Untitled]
	75.48		Jean K
	75.49		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
10	75.51		[Untitled]
	75.52-	12/75	Surface & bottom temp, records & tidal elev.
	-1		Pred; Scripps Pier, Fig 4, SG Proposal 76-79 Winant
	-4		Misc. Drawings
	-4a		Drawings of Nile & Mediterranean
	-5		Drawings of Nile & delta area & rate of erosion at mouth of Rosetta & Danietta
	-6		Misc. Drawings
	-6a		Tyre, before Alexander and after Alexander book, chapter 1
	-7		Schematic diag. of 2-dim and 1-dim diffusion from single injection line, chapter 4
	75.54		R Haworth
	75.55		[Untitled]
	75.56		[Untitled]
	75.57		Ray Haworth
	75.66		Keefner
	75.67		[Untitled]
	75.69-		Humboldt Bay sent by Burton W. Heberlic, of
	-5		Ramsey, Blumphreys & Morrison Attorneys, Sacramento, 1975-1976
	-6		Santa Clara River Flood, 1969
	-7		El Granada Beach, south of Halfmoon Bay

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
10	-10		Coefficient of inertia (virtual mass) for spheres
	-11B		Driving forces - shelf & nearshore transformation
	-12		Nile delta refraction diags
	-13		Map of Scripps & Torrey pines area showing shelf station placements
	-15		spherical Scattering Solution for the inertia coefficient
	76.1		[Untitled]
	76.2		Keefner
	76.3		Jean K
	76.4		Jean K
	76.6		Jean K
	76.7		Jean K
	76.9		Jean K
	76.10		[Untitled]
	76.11		Jean K
	76.12		Bullard
	76.13		[Untitled]
	76.14		Winant
	76.17		Jean K
	76.18		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
10	76.20		Jean K
11	76.21		Inman
	76.22		[Untitled]
	76.23		[Untitled]
	76.24		[Untitled]
	76.25		[Untitled]
	76.27		Jean K
	76.28		[Untitled]
	76.29		Jean K
	76.30		[Untitled]
	76.31		[Untitled]
	76.33		Jean K
	76.34		[Untitled]
	76.35		Jean K
	76.36		[Untitled]
	76.37		Jean K
	76.40		Jean K
	76.41		[Untitled]
	76.42		Jean K
	76.43		[Untitled]
	76.44		Jean K

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
11	76.45		Jean K
	76.46		J Keefner
	76.47		[Untitled]
	76.48		Jean K
	76.49		[Untitled]
	76.50		[Untitled]
	76.52		[Untitled]
	76.54		[Untitled]
	76.55		Jean K
	76.56		[Untitled]
	76.57		Jean K
	76.58		Jean K
	76.59		Jean K
	76.60		[Untitled]
	76.61		Jean K
	76.62		[Untitled]
	76.63		[Untitled]
	76.66		[Untitled]
	76.67		[Untitled]
	76.68		Jean K
	76.69		Jean K

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
11	76.72		[Untitled]
	76.73		[Untitled]
	76.74		[Untitled]
	76.75		Jean K
	76.76		[Untitled]
	76.77		[Untitled]
	76.78		Jean K
	76.79		Jean K
	77.1		[Untitled]
	77.2		Jean K
	77.3		Jean K
	77.4		[Untitled]
	77.5		Jean K
	77.6		M Clark
	77.8		[Untitled]
	77.9		Jean K
	77.10		Jean K
	77.11		[Untitled]
	77.14		Jean K
	77.15		J Keefner
	77.16		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
11	77.17		Jean K
	77.18		Keefner
	77.19		Jean K
	77.20		Keefner
	77.21		Keefner
	77.22		[Untitled]
	77.23		[Untitled]
	77.24		Jean K
	77.25		Jean Keefner
	77.27		Jean K
	77.28		Keefner
	77.29		Jean K
	77.30		Jean K
	77.31		[Untitled]
	77.32		[Untitled]
	77.33		[Untitled]
	77.34		[Untitled]
	77.35		[Untitled]
	77.36		Jean K
	77.31		Jean K
	77.37		Photos

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
11	77.38		Jean K
	77.39		Jean K
	77.40		[Untitled]
	77.41		Jean Keefner
	77.42		[Untitled]
	77.43		Jean K
	77.44		Jean K
	77.45		Keefner
	77.46		J. Keefner
	77.48		[Untitled]
	77.50		[Untitled]
	77.51		[Untitled]
	77.52		Keefner
	77.53		[Untitled]
	77.54		Jean K
	77.55		[Untitled]
	77.56		[Untitled]
	77.57		Jean K
	77.58		[Untitled]
	77.62		Jean K
	77.63		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
11	77.64		Jean K
	77.65		Jean K
	77.66		Jean K
	77.67		[Untitled]
	77.68		[Untitled]
	77.69		Jean K
	77.70		Jean K
	77.71		Just Filer
	77.72		[Untitled]
	77.73		Jean K
	77.77		[Untitled]
	77.78-		June, Misc. Dwgs from Inman & Rusnak, Reprint
	-1		14, 1956
	-2		June, Misc. Dwgs from Inman & Rusnak, Reprint
			14, 1956
	-3		divergence of the drift ch 10
	-4		Tidal Prism - entrance channel area camp Pendleton
	-6		Photograph of Cape Hatteras, Rhythmic Beach Cusps, sent by Robert Dolan
	77.79		Dr. Inman
	77.80		Jean K
	77.83		Jean K

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
11	77.84		[Untitled]
	77.85		Jean K
	77.86		[Untitled]
	77.87		[Untitled]
	77.88		Jean K
	77.89		Jean K
	77.93		[Untitled]
	77.94		Glass
12	77.95		[Untitled]
	77.96		Edge waves & surf break
	77.97		Jean K
	77.98		[Untitled]
	77.99		[Untitled]
	77.101		Jean K
	77.102		Jean K
	77.103		[Untitled]
	77.104		Dr. Inman
	77.105		[Untitled]
	77.106		[Untitled]
	77.107		[Untitled]
	77.108		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
12	77.110		M Clark
	77.111		[Untitled]
	77.112		Jean K
	77.113		[Untitled]
	77.114		[Untitled]
	77.115		[Untitled]
	77.116		[Untitled]
	77.118		[Untitled]
	77.119		[Untitled]
	77.120-		Miscellaneous drawings and photos
	-1		
	-1a		Natural inlet Vs. Jettied inlet (DLI for trip revised January 12, 1979 MPC
	-2		Surf zone flow layers for spilling breaker
	-4		Long waves and driving forces (flick's drawing)
	-5		Spilling wave SIO Lab data
	-6		Plunging wave SIO lab Data
	-7		Shore Processes: state of the art list of topics
	-8		Schematic of shoaling syx
	-9		definition of symbols Fr, Re, and St

Box	Neg.	Date	Negative Title
12	-10		Wave Height and depth @ beach point combined photo's #'s 76.42-3 + 46.42-4 shot on one slide and print
	-11		Comparison of grain size parameter obtained from repeated analapes
	-12		Aerial photo - Kaana Pali Island cropped view Towill corp Pac-II-7-AA
	-13		Aerial photo - Kaana Pali Island full view
	77.121		M Clark
	77.122		[Untitled]
	77.123		[Untitled]
	77.124		[Untitled]
	77.125		M Clark
	77.126A		[Untitled]
	78.1		[Untitled]
	78.2		[Untitled]
	78.3		[Untitled]
	78.4		[Untitled]
	78.5		[Untitled]
	78.6		SIO Archives
	78.7		SIO Archives
	78.8- -1-2	7/10/78	Penasquitos Lagoon Open
	-3-4		Penasquitos Lagoon Open

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
12	-5-6		Penasquitos Lagoon Open
	-7-8		Penasquitos Lagoon Open
	-9-10		Penasquitos Lagoon Open
	-11		Penasquitos Lagoon Open
	78.9		Clark, SIO Archives
	78.10		Clark, SIO Archives
	78.11		Clark, SIO Archives
	78.12		Clark, SIO Archives
	78.13		Clark, SIO Archives
	78.14- -1-3	2/2/78	Collapse of sea wall La Jolla Shores
	-4-6		Collapse of sea wall La Jolla shores
	-7-9		Collapse of sea wall La Jolla shores
	-10-12		Collapse of sea wall La Jolla shores
	-13-15		Collapse of sea wall La Jolla shores
	-16-18		Collapse of sea wall La Jolla shores
	-19-21		Collapse of sea wall La Jolla shores
	78.15		Clark
	78.16		Clark
	78.17		Clark
	78.18		Clark
	78.19		Clark

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
12	78.20		Clark
	78.21		Clark
	78.22		Clark
	78.23		Clark
	78.24		Clark
	78.25		Clark
	78.26		Clark
	78.27		Clark
	78.28		[Untitled]
	78.29		K King
	78.30		Clark
	78.31		[Untitled]
	78.36		Clark
	78.37		Clark
	78.37		Clark
	78.38		K King
	78.39		Clark
	78.40		Clark
	78.41		Clark
	78.42		Clark
	78.43		Clark

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
12	78.44		Clark
	78.45		Clark
	78.46		Clark
	78.47		Clark
	78.48		Clark
	78.49		Clark
	78.50		Clark
	78.51		Clark
	78.52		Clark
	78.53		Clark
	78.54		Clark
	78.55		Clark
	78.56		Clark
	78.57		Clark
	78.58		Clark
	78.59		Clark
	78.60		Clark
	78.61		Clark
	78.62		Clark
	78.63		Clark
	78.64		Clark

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
12	78.65		[Untitled]
	78.66		Clark
	78.67		Clark SPL
	78.69		[Untitled]
78.70-	4/6/78		Kaanapali, Dive #1, depth at anchor point 35'
-1-3			coral Heads sampling
-16-18			Dive #2, depth at anchor point 25' showing sandy bottom of rip channel
-4-6			Kaanapali, Dive #1, depth at another point 35' coral Heads sampling
-7-9			Kaanapali, Dive #1, depth at another point 35' coral Heads sampling
-10-12			Kaanapali, Dive #1, depth at another point 35' coral Heads sampling
-13-15			Kaanapali, Dive #1, depth at another point 35' coral Heads sampling
-19-21			Kaanapali, Dive #3, showing coral and sand bottom
	78.72		King
	78.74		K. King
	78.75		[Untitled]
	78.76		[Untitled]
	78.76a		M Clark
	78.77		[Untitled]
	78.78		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
12	78.79		[Untitled]
	78.81		[Untitled]
	78.83		[Untitled]
	78.84		[Untitled]
	78.88		[Untitled]
	78.89		[Untitled]
	78.90		Mike Clark
	78.91		[Untitled]
	78.92		[Untitled]
	78.93		[Untitled]
	78.94		[Untitled]
	78.95		Mike Clark
	78.96		[Untitled]
78.99-			Line drawing for Kaanapali reports. Fig
-1			index chart for beaches & reefs, diving
			traverse, circulation pattern
-2			Profile of North Range (fig 2)
-3			Composition and texture of beach sediment
-4			Fig 4 Beach profile North Range
-5			Fig 5 Beach profile Middle Range
-6			Fig 6 Beach profile south Range
	78.100		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
13	78.101		[Untitled]
	78.102		[Untitled]
	78.103		[Untitled]
	78.104		K King
	78.106		Kathy King
	78.108		Kathy King
	78.109		M Clark
	78.112		[Untitled]
	78.113		M Clark
	78.115		[Untitled]
	78.117		[Untitled]
	78.119- -1-37		Van Dorn Nautac Report
	78.121		M Clark
	78.122		[Untitled]
	78.123		[Untitled]
	78.124		[Untitled]
	78.125		[Untitled]
	78.126		[Untitled]
	78.127		[Untitled]
	78.128		Clark
	78.129		Clark

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
13	78.130		Waldorf
	78.131		Clark
	78.132		Clark
	78.133		Clark
	78.134		Clark
	78.135		Clark
	78.137		Clark
	78.138		[Untitled]
	78.140		[Untitled]
	78.142		[Untitled]
	78.144		[Untitled]
	78.147		[Untitled]
	78.148		[Untitled]
	78.150		[Untitled]
	78.152		[Untitled]
	78.154		[Untitled]
	78.155		[Untitled]
	78.156		Clark
	78.160		[Untitled]
	78.163		Clark
	78.166		M Clark

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
13	78.168		Kirk
	78.169		Kirk
	78.170		Kirk
	78.171		Kirk
	78.172		Kirk
	78.173		Kirk
	78.174		Kirk
	78.175		Kirk
	78.176		Clark
	78.177		Clark
	78.178		Clark
	78.179		Clark
	78.180		Clark
	78.184- 1-20		[Untitled]
	78.188		[Untitled]
	78.189		McClese
	78.190		Shaw
	78.191		Clark
	78.192		Clark
	78.193		Clark
	78.194		Clark

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
13	78.195		Clark
	78.196		Clark
	78.197		Clark
	79.1		Clark
	79.1		Clark
	79.1A- 1-22		[Untitled]
	79.2		Clark
	79.2A -1-20		Clark
	79.3		[Untitled]
	79.3a -1-20		[Untitled]
	79.4		Waldorf
	79.4A -1-20		[Untitled]
	79.5		[Untitled]
	79.5A -1-20		[Untitled]
	79.6		[Untitled]
	79.6A -1-11		[Untitled]
	79.7		M Clark
	79.7A -1-14		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
13	79.8		K King
	79.8A -1-9		[Untitled]
	79.9		[Untitled]
	79.10		[Untitled]
	79.11		[Untitled]
	79.15		Clark
	79.16		Clark
	79.17		Clark
	79.18		Clark
	79.19		Clark
	79.20		Clark
	79.21		Clark
	79.22		Clark
	79.23		Clark
	79.24		Clark
	79.25		Clark
	79.26		Clark
	79.27		Clark
	79.28		Clark
	79.29		Clark

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
13	79.30		[Untitled]
	79.31		M Clark
	79.32		M Clark
	79.33		M Clark
	79.34		[Untitled]
	79.35		[Untitled]
	79.36		[Untitled]
	79.37		[Untitled]
	79.38- -1-3		M Clark
	79.39		[Untitled]
	79.40		[Untitled]
	79.41		M Clark
	79.42		M Clark
	79.43		M Clark
14	79.44		K King
	79.45		[Untitled]
	79.50		[Untitled]
	79.51		[Untitled]
	79.52		K King
	79.54		[Untitled]
	79.56		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
14	79.57-		[Untitled]
	-1-10		
	79.58		K King
	79.60		Mike Clark
	79.63		[Untitled]
	79.64		M Clark
	79.67		Mike Clark
	79.68-		[Untitled]
	-1-22		
	79.68-		M Clark
	-23-45		
	79.69		[Untitled]
	79.71		M Clark
	79.72		M Clark
	79.73		M Clark
	79.74		Clark
	79.76		[Untitled]
	79.77		M Clark
	79.78		[Untitled]
	79.79		[Untitled]
	79.80		Clark
	79.82		Clark
	79.84		Clark

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
14	79.85		Clark
	79.86		Clark
	79.87		[Untitled]
	79.88		[Untitled]
	79.89		[Untitled]
	79.90		[Untitled]
	79.91		[Untitled]
	79.92		[Untitled]
	79.93		Clark
	79.94		Clark
	79.95		Clark
	79.96		[Untitled]
	79.98		[Untitled]
	79.99		M Shaw
	79.100		[Untitled]
	79.101		Clark
	79.104		Clark
	79.109		[Untitled]
	79.110		Clark
	80.1A		[Untitled]
	80.2		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
14	80.2A-		[Untitled]
	-1-30		
	80.3		[Untitled]
	80.3A-		[Untitled]
	-1-14		
	80.4		[Untitled]
	80.5		[Untitled]
	80.5A		M Clark
	80.6A		[Untitled]
	80.6		[Untitled]
	80.7		[Untitled]
	80.8		[Untitled]
	80.13		[Untitled]
	80.14		[Untitled]
	80.15		Mike Clark
	80.16		[Untitled]
	80.19		[Untitled]
	80.20		[Untitled]
	80.21		[Untitled]
	80.22		[Untitled]
	80.23		[Untitled]
	80.26		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
14	80.27		[Untitled]
	80.28		[Untitled]
	80.29		[Untitled]
	80.32		[Untitled]
	80.34		[Untitled]
	80.35		[Untitled]
	80.38		[Untitled]
	80.39		[Untitled]
	80.40		[Untitled]
	80.42		[Untitled]
80.43-	1/26/80		Preliminary Beach work NSTS Santa Barbara
-1-2			Leadbetter Beach
-4			Preliminary Beach work NSTS Santa Barbara
			Leadbetter Beach
-5-6			Preliminary Beach work NSTS Santa Barbara
			Leadbetter Beach
-7-8			Preliminary Beach work NSTS Santa Barbara
			Leadbetter Beach
-9-10			Preliminary Beach work NSTS Santa Barbara
			Leadbetter Beach
-11-12			Preliminary Beach work NSTS Santa Barbara
			Leadbetter Beach
-13-14			Preliminary Beach work NSTS Santa Barbara
			Leadbetter Beach

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
14	-15-16		Preliminary Beach work NSTS Santa Barbara Leadbetter Beach
	-17-18		Preliminary Beach work NSTS Santa Barbara Leadbetter Beach
	-19-20		Preliminary Beach work NSTS Santa Barbara Leadbetter Beach
	-21-22		Preliminary Beach work NSTS Santa Barbara Leadbetter Beach
	-23-24		Preliminary Beach work NSTS Santa Barbara Leadbetter Beach
	-25-26		Preliminary Beach work NSTS Santa Barbara Leadbetter Beach
	-27-28		Preliminary Beach work NSTS Santa Barbara Leadbetter Beach
	-29-30		Preliminary Beach work NSTS Santa Barbara Leadbetter Beach
	-31-32		Preliminary Beach work NSTS Santa Barbara Leadbetter Beach
	-33-34		Preliminary Beach work NSTS Santa Barbara Leadbetter Beach
	80.44		[Untitled]
	80.45		[Untitled]
	80.48		[Untitled]
	80.50		[Untitled]
	80.51		[Untitled]
	80.52		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
14	80.53		[Untitled]
15	80.54		[Untitled]
	80.58		[Untitled]
	80.59		Clark
	80.60		[Untitled]
	80.61		[Untitled]
	80.62		[Untitled]
	80.68		[Untitled]
	80.69		[Untitled]
	80.70		[Untitled]
	80.71		[Untitled]
	80.72		[Untitled]
	80.73		Clark
	80.74		[Untitled]
	80.75		[Untitled]
	80.77		[Untitled]
	80.78		[Untitled]
	80.79		[Untitled]
	80.10- -1-37	3/13- 4/1/80	Australia Roll #1
	80.85- -1-35	3/13- 4/1/80	Australia Roll #6

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
15	80.85- -28-30		[Untitled]
	80.87- -1-34	3/13- 4/1/80	Australia Roll #8
	80.90- -1-38	3/13- 4/1/80	Australia Roll #11
	80.92- -1-39	3/13- 4/1/80	Australia Roll #13
	80.93- -1-11	3/13- 4/1/80	Australia Roll #14
	80.98- -1-26	3/13- 4/1/80	Australia Roll #9
	80.100		[Untitled]
	80.101		[Untitled]
	80.101- -1		[Untitled]
	80.103- -3		[Untitled]
	80.103		[Untitled]
	80.104		[Untitled]
	80.105		[Untitled]
	80.105-n.d. -1a		[Untitled]
	80.107		[Untitled]
	80.109		[Untitled]
	80.110		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
15	80.111		[Untitled]
	80.112		[Untitled]
	80.114-		[Untitled]
	-1-5		
	80.115		[Untitled]
	80.116		[Untitled]
	80.117		Oceanside Harbor
	80.119-		[Untitled]
	-1-11		
	80.120-		[Untitled]
	-1-12		
	80.121-		[Untitled]
	-1-12		
	80.122-		[Untitled]
	-1-22		
	80.123A		Passport
	80.124		[Untitled]
	80.126-		[Untitled]
	-1-30		
	80.127		[Untitled]
	80.128		[Untitled]
	80.129		[Untitled]
	80.130-		[Untitled]
	-16		
	-36		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
15	80.133-	7/1/80	Black and White Photo's of Ripples for Shoaling
	-1-3		
	-4		Black and White Photo's of Ripples for Shoaling
	-5-6		Black and White Photo's of Ripples for Shoaling
	-7-9		Black and White Photo's of Ripples for Shoaling
	-10-12		Black and White Photo's of Ripples for Shoaling
	-9-11		Black and White Photo's of Ripples for Shoaling
	-13-15		Black and White Photo's of Ripples for Shoaling
	-16		Black and White Photo's of Ripples for Shoaling
	-17-18		Black and White Photo's of Ripples for Shoaling
	-19-21		Black and White Photo's of Ripples for Shoaling
	-22-24		Black and White Photo's of Ripples for Shoaling
	-25-27		Black and White Photo's of Ripples for Shoaling
	-28-30		Black and White Photo's of Ripples for Shoaling
	-31-33		Black and White Photo's of Ripples for Shoaling

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
15	-34-35		Black and White Photo's of Ripples for Shoaling
	80.134		[Untitled]
	80.135		[Untitled]
	80.136		M Clark
	80.136		Raw Figures
	80.137- -1-12		[Untitled]
	80.138- -1-12		[Untitled]
	80.139- -1-12		[Untitled]
	80.140- -1-12		[Untitled]
	80.141- -1-12		[Untitled]
	80.142- -1-12		[Untitled]
	80.143- -1-12		[Untitled]
	80.144- -1-12		[Untitled]
	80.145- -1-12		[Untitled]
	80.146- -1-12		[Untitled]
	80.148		[Untitled]

Box	Neg.	Date	Negative Title
15	80.152		M Clark
	80.151		[Untitled]
	80.153		[Untitled]
	80.155		[Untitled]
	80.157		Inman
	80.158		Flick, Reinhard
	80.159-		[Untitled]
	-1-12		
	80.160-		[Untitled]
	-1-12		
	80.164		[Untitled]
	80.165		[Untitled]
	80.166-		[Untitled]
	-1-12		
	80.168-		[Untitled]
	-1-12		
	80.171		[Untitled]
	80.173-	10/1-	M Slaw report on Leadbetter Beach - Illus.
	-1-/80		Shaw, 1/Oct 80, Wave Energy Meas. And Sand volume change
	-2		15 can & sheltering - channel 151
	-4		Composite 3 range profile of SIO from 9 Jun 79
	-6		Weather Map 17 Feb 80

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
15	-7		Weather Map 15 Feb 80
	-8		Wave Energy West Cedn Used in -1
	-14		[Untitled]
	-15A		[Untitled]
	-15a		Hawaii Added
	-16a		[Untitled]
	-21		Sand Volume Change used in -1
	-22		Tidal Measurements Santa Barbara Harbor
	-23		5 Feb 80 Wave Freq Vs. Energy density
	-24		19 Feb 80 same
	-25		Sand Volume change SIO 2
	80.174		[Untitled]
	80.177		[Untitled]
	80.180		[Untitled]
	80.181- -31		[Untitled]
	80.182		[Untitled]
	80.183		M Clark
	80.184		[Untitled]
	80.185		M Clark
	80.187- -1-34		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
15	80.188		[Untitled]
	80.190-		[Untitled]
	-1-32		
	80.191		[Untitled]
	80.193		[Untitled]
	80.194-		[Untitled]
	-1-38		
	80.196-		[Untitled]
	-1-18		
	80.201-		[Untitled]
	-1-11		
	80.202		[Untitled]
	80.203		CCS X4334
	80.204		[Untitled]
	80.205		[Untitled]
	80.207		Guza
	80.208		[Untitled]
	80.209		[Untitled]
	80.210		[Untitled]
	80.211		[Untitled]
16	80.1-		[Untitled]
	-1-20		
	81.3		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
16	81.5-		[Untitled]
	-1-12		
	81.7-		[Untitled]
	-1-36		
	81.8		[Untitled]
	81.9		[Untitled]
	81.9-		[Untitled]
	-6A		
	81.13-		[Untitled]
	-1-12		
	81.14-		[Untitled]
	-1-12		
	81.16		[Untitled]
	81.17		[Untitled]
	81.18		[Untitled]
	81.19		[Untitled]
	81.20		[Untitled]
	81.21		[Untitled]
	81.24		[Untitled]
	81.25-		[Untitled]
	-1-16		
	81.26-		[Untitled]
	-1-12		
	81.28		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
16	81.31		[Untitled]
	81.32		[Untitled]
	81.33		Jean K
	81.34		[Untitled]
	81.35-		[Untitled]
	-1		
	-2		[Untitled]
	-3		[Untitled]
	-4		[Untitled]
	-5		[Untitled]
	-6		[Untitled]
	-7		[Untitled]
	-8		[Untitled]
	81.37		[Untitled]
	81.39		[Untitled]
	81.40-		[Untitled]
	-1-12		
	81.42		[Untitled]
	81.43		[Untitled]
	81.44-		[Untitled]
	-1-11		
	81.45-		[Untitled]
	-1-19		

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
16	81.46		[Untitled]
	81.49-		[Untitled]
	-1-19		
	81.50-		[Untitled]
	-1-12		
	81.54		[Untitled]
	81.55		[Untitled]
	81.56		[Untitled]
	81.57		[Untitled]
	81.59		[Untitled]
	81.60		M Clark
	81.62		[Untitled]
	81.67		[Untitled]
	81.68		[Untitled]
	81.69		[Untitled]
	81.70		[Untitled]
	81.72		[Untitled]
	81.73		[Untitled]
	81.74		[Untitled]
	81.77		[Untitled]
	81.79		[Untitled]
	81.80		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
16	81.81		[Untitled]
	81.82		[Untitled]
	81.83		[Untitled]
	81.86		[Untitled]
	81.87-		[Untitled]
	-1-8		
	81.88		[Untitled]
	81.89		[Untitled]
	81.90		[Untitled]
	81.91		[Untitled]
	81.92-		[Untitled]
	-1		
	-1		[Untitled]
	-2		[Untitled]
	-2		[Untitled]
	-3		[Untitled]
	-3		[Untitled]
	-4		[Untitled]
	-5		[Untitled]
	-6		[Untitled]
	-7		[Untitled]
	-8		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
16	-9		[Untitled]
	-9a		[Untitled]
	-10		[Untitled]
	-11b		[Untitled]
	-12		[Untitled]
	81.96-		[Untitled]
	-33-35		
	81.93		[Untitled]
	81.94		CCS X4334
	81.96-		[Untitled]
	-1-3		
	-4-5		[Untitled]
	-6-8		[Untitled]
	-9-11		[Untitled]
	-12-14		[Untitled]
	-15-17		[Untitled]
	-18-20		[Untitled]
	-21-23		[Untitled]
	-24-26		[Untitled]
	-27-29		[Untitled]
	-30-32		[Untitled]
	81.97		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
16	81.98		[Untitled]
	81.99		[Untitled]
	81.100		M Clark
	81.101		[Untitled]
	81.102		[Untitled]
	81.103		Mike
	81.107		To: Mike Clark
	81.109		[Untitled]
	81.110		[Untitled]
	81.111		Line
	81.113		[Untitled]
	81.116		[Untitled]
	81.117		Return to M Clark X4334
	81.118		[Untitled]
	81.119		[Untitled]
	81.120		[Untitled]
	81.122		[Untitled]
	81.123		[Untitled]
	81.124- -10		Schematic of steam transport. Model of Valley cutting vs. Sea Level change
	-12		Model of valley cutting vs. sea level

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
16	81.124		[Untitled]
	81.127		[Untitled]
	81.128		[Untitled]
	81.129		[Untitled]
	81.130		[Untitled]
	81.131		[Untitled]
	81.132		[Untitled]
	81.133		[Untitled]
	81.152		[Untitled]
	81.153		[Untitled]
	81.154		[Untitled]
	81.155		[Untitled]
	81.156		[Untitled]
	81.157		[Untitled]
	81.158		[Untitled]
	81.159		[Untitled]
	81.160		[Untitled]
	81.162		[Untitled]
	81.172		[Untitled]
	81.174		[Untitled]
	81.175		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
16	82.1		[Untitled]
	82.4		[Untitled]
	82.5		[Untitled]
	82.6		[Untitled]
	82.6A		[Untitled]
	82.7		[Untitled]
	82.8		[Untitled]
	82.9		[Untitled]
	82.11-		[Untitled]
	-1		
	-1		[Untitled]
	-2		[Untitled]
	-3b		[Untitled]
	-4b		[Untitled]
	-3b		Dr Inman file - M Clark X46258
	-4b		[Untitled]
	82.12		[Untitled]
	82.14		[Untitled]
	82.15		[Untitled]
	82.15-		Composite Photos used in Paleo-coastlines
	-2		Paper
	82.16		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
16	82.17		[Untitled]
	82.18		[Untitled]
	82.19		[Untitled]
	82.20		[Untitled]
	82.21		[Untitled]
	82.22		[Untitled]
	82.23		[Untitled]
	82.24		[Untitled]
	82.25		[Untitled]
	82.26		[Untitled]
	82.27		[Untitled]
	82.28		[Untitled]
	82.29		[Untitled]
	82.30		[Untitled]
	82.31		[Untitled]
	82.32		[Untitled]
	82.33		[Untitled]
	82.34		[Untitled]
	82.35		[Untitled]
	82.36		[Untitled]
	82.37-		[Untitled]
	-1		

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
16	82.39-		[Untitled]
	-1-18		
	-19-50		[Untitled]
	82.40		[Untitled]
	82.41		[Untitled]
	82.42		[Untitled]
	82.43		[Untitled]
	82.44		[Untitled]
	82.45		[Untitled]
	82.47		[Untitled]
	82.48		[Untitled]
	82.49		[Untitled]
	82.50		[Untitled]
	82.51		[Untitled]
	82.52		[Untitled]
	82.53		[Untitled]
	82.54		[Untitled]
	82.55		[Untitled]
	85.56		[Untitled]
	82.57		[Untitled]
	82.58		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
16	82.59		[Untitled]
	82.60		[Untitled]
	82.61		[Untitled]
	82.61		[Untitled]
	82.63		[Untitled]
	82.64		[Untitled]
	82.65		[Untitled]
	82.66		[Untitled]
	82.67		[Untitled]
	82.68		[Untitled]
	82.69		[Untitled]
	82.70		[Untitled]
	82.71		[Untitled]
	82.72		[Untitled]
	82.73		[Untitled]
	82.74- -1		[Untitled]
	82.75		[Untitled]
	82.94		[Untitled]
	82.96		[Untitled]
	82.98		[Untitled]
17	82.100		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
17	82.104		[Untitled]
	82.105		[Untitled]
	82.106		[Untitled]
	82.107		[Untitled]
	82.110		[Untitled]
	82.111		[Untitled]
	82.112		[Untitled]
	82.113		[Untitled]
	82.114		[Untitled]
	82.117		[Untitled]
	82.118		[Untitled]
	82.119		[Untitled]
	82.120		[Untitled]
	82.122-		[Untitled]
	-1		
	-2		[Untitled]
	82.123		[Untitled]
	82.124		[Untitled]
	82.128		[Untitled]
	82.130		[Untitled]
	82.132		[Untitled]
	82.134		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
17	82.135		[Untitled]
	82.139		[Untitled]
	82.140		[Untitled]
	82.146		[Untitled]
	82.147-4/11/82		Oscillatory Bursting Experiment Photo Waysl
	-1-3		
	-4-5		Oscillatory Bursting Experiment Photo Waysl
	-6-7		Oscillatory Bursting Experiment Photo Waysl
	-8-9		Oscillatory Bursting Experiment Photo Waysl
	-10		Oscillatory Bursting Experiment Photo Waysl
	-11		Oscillatory Bursting Experiment Photo Waysl
	-12-13		Oscillatory Bursting Experiment Photo Waysl
	-14-16		Oscillatory Bursting Experiment Photo Waysl
	-17-19		Oscillatory Bursting Experiment Photo Waysl
	-20-22		Oscillatory Bursting Experiment Photo Waysl
	-23-25		Oscillatory Bursting Experiment Photo Waysl
	-26-28		Oscillatory Bursting Experiment Photo Waysl
	-29-30		Oscillatory Bursting Experiment Photo Waysl
	-31-32		Oscillatory Bursting Experiment Photo Waysl
	-33-34		Oscillatory Bursting Experiment Photo Waysl
	82.148		[Untitled]
	82.152		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
17	82.156		[Untitled]
	82.157		[Untitled]
	82.159		[Untitled]
	82.160		[Untitled]
	82.163		[Untitled]
	82.165		[Untitled]
	82.166		[Untitled]
	82.167		[Untitled]
	82.168		[Untitled]
	83.1		[Untitled]
	83.2		[Untitled]
	83.3		[Untitled]
	83.4		[Untitled]
	83.5		[Untitled]
	83.7		[Untitled]
	83.9		[Untitled]
	83.10		[Untitled]
	83.11		[Untitled]
	83.12		[Untitled]
	83.13		[Untitled]
	83.14		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
17	83.14		[Untitled]
	83.16		[Untitled]
	83.20		[Untitled]
	83.24		[Untitled]
	83.25		[Untitled]
	83.26		[Untitled]
	83.27		[Untitled]
	83.28		[Untitled]
	83.30		[Untitled]
	83.31		[Untitled]
	83.32		[Untitled]
	83.33		[Untitled]
	83.34		[Untitled]
	83.36		[Untitled]
	83.37		[Untitled]
	83.38		[Untitled]
	83.39		Dupes
	83.40		[Untitled]
	83.41		[Untitled]
	83.42		[Untitled]
	83.47		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
17	83.48		[Untitled]
	83.49		[Untitled]
	83.50		[Untitled]
	83.51		[Untitled]
	83.53		[Untitled]
	83.54		[Untitled]
	83.55		Clark
	83.56		[Untitled]
	83.61		[Untitled]
	83.63		[Untitled]
	83.65- -1-17		Incomplete
	83.70		[Untitled]
	83.71		[Untitled]
	83.72		[Untitled]
	83.73		[Untitled]
	83.74		[Untitled]
	83.75		[Untitled]
	83.76		[Untitled]
	83.79		[Untitled]
	83.81		[Untitled]
	83.84		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
17	83.85		[Untitled]
	83.86		[Untitled]
	83.87		[Untitled]
	83.88		[Untitled]
	83.91		[Untitled]
	83.92		[Untitled]
	83.92		[Untitled]
	83.93		[Untitled]
	83.94		[Untitled]
	83.95		[Untitled]
	83.98		[Untitled]
	83.99		[Untitled]
	83.100		[Untitled]
	83.101		[Untitled]
	83.104		[Untitled]
	83.105		[Untitled]
	83.106		[Untitled]
	83.111		[Untitled]
	83.114		Mark clark
	83.115		M Clark
	83.116		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
17	84.1-	1/3/84	Misc Illustrations & Photographs, Vortex
	-8		Foils
	-9		Minsy Study Area - 2 figs mounted vertically
	-10		3 dimensional bottom contours with vortex foils in situ
	-11		Slides of Bagnold from Dan Hanes to DL 1 on camel
	-12		Portrait
	-13		With DL 1
	-14		Dave King photo of osc. Water tunnel at the hydro lab
	-15a		Graphs from R. Flick, La Jolla SIO Pier monthly mean sea level
	-16b		Graph R. Flick
	84.8		[Untitled]
	84.9		[Untitled]
	84.10		[Untitled]
	84.11		[Untitled]
	84.12		[Untitled]
	84.13		[Untitled]
	84.15		[Untitled]
	84.16		[Untitled]
	84.17		[Untitled]
	84.19-		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
17	-1		
	-2		[Untitled]
	-3		[Untitled]
	-3a		[Untitled]
	-4		[Untitled]
	-5		[Untitled]
	-6		[Untitled]
	-7		[Untitled]
	-8		[Untitled]
	-9		[Untitled]
	-9		[Untitled]
	-10		[Untitled]
	-11		[Untitled]
	-12		[Untitled]
	-13		[Untitled]
	-14		[Untitled]
	-15		[Untitled]
	84.21		[Untitled]
	84.22		[Untitled]
	-5c		Instrument package for monitoring Bedload transport developed by Douglas Inman, 1984
	84.23		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
17	84.24		[Untitled]
	84.25		[Untitled]
	84.28		[Untitled]
	84.31		[Untitled]
	-14	n.d.	[Untitled]
	84.32		[Untitled]
	84.35		[Untitled]
	84.36		[Untitled]
	84.37		[Untitled]
	84.40		[Untitled]
	84.41		[Untitled]
	84.42-		[Untitled]
	-1		
	-2		[Untitled]
	-3		[Untitled]
	-4		[Untitled]
	-5		[Untitled]
	-6		[Untitled]
	-7		[Untitled]
	-8		[Untitled]
	-9		[Untitled]
	-11		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
17	-12		[Untitled]
	-13		[Untitled]
	84.43		[Untitled]
	-4		Original color negative of Mosaic
	-5		Original color negative of Mosaic
	84.44		Clark
	84.49		[Untitled]
	84.50		[Untitled]
	84.51- -1		Line Drawing, Egyptian shoreline
	84.51		[Untitled]
	84.55		[Untitled]
	84.56		[Untitled]
	84.58		[Untitled]
	84.59		Jenkins
	84.60		M Clark
	84.61		[Untitled]
	84.64		[Untitled]
	84.65		[Untitled]
	84.66		[Untitled]
	84.67		[Untitled]

<u>Box</u>	<u>Neg.</u>	<u>Date</u>	<u>Negative Title</u>
18			Oversize, Volumes: Negatives 78.154-79.64, 873-1065, 685-872, 542-684, 79.1-A-88.11, 72.51-73.98, 76.27-77.86, 74.106-76.26, 79.65-80.58, 73.99-74.105, 1-541, 1258-72.50
19			Oversize, Volumes: Negatives 82.150-84.68, 81.83-82.149, 80.59-81.82, 1066-1258, 78.69- 78.153, 77.87-78.68