

Accession No.: 82-06

PROCESSING RECORD  
SCRIPPS INSTITUTION OF OCEANOGRAPHY ARCHIVES

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Scripps Institution of Oceanography. Marine Physical Laboratory.

SIO Marine Physical Laboratory, Records and Films, 1961-1973

PHYSICAL DESCRIPTION: 12 mss, film, video

DESCRIPTION: This accession consists of the central Marine Physical Laboratory mail logs (both incoming and outgoing) for the period 1961-1969, subject files arranged alphabetically, and films, all on Floating Instrument Platform FLIP during the early 1970's, R/V Oconostota, scientific and operating equipment, and MPL publicity and research. Films were kept by Phil Rapp.

## **SIO Marine Physical Laboratory, Records and Films, 1961-1973**

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<b>BOX</b>	<b>FOLDER TITLE</b>
1	I - Structure, B – Arrangement
	I - Structure, D - Electrical Wiring
	I - Structure, E - Naval Architectural
	I - Structure, F - Painting
	II - Operating Equipment, A - Machinery (Diesel Gen.)
	III - Scientific Equipment
	II - Operating Equipment, B - High Pressure Air System
	MPL Publicity
	Flip - Hawaiian Trip
	Flip II
2	Flip – June Shipyard
	Flip – Pub. & Misc. Plans
	Flip Publicity Jan. 1964-
	Berthing for Flip & YTM-375
3	Flip Publicity & Request For
	Flip Publicity & Miscellaneous 1-68/-
	Oconostota Appointments 1965
	Oconostota Ops. Corres.
4	Flip - YTB-375
	Flip Deep Mooring
	Weights and Moments
	Engineering

<b>BOX</b>	<b>FOLDER TITLE</b>
4	Radar Schematics AN/SPS-46 Spar Flip Traffic
5	Structural Flip General 6-1-61/12-31/61 Flip 1960 (Fisher) Manned Ocean Buoy, 1960-- Floating Inst. Platform "Flip"
6	Flip Correspondence (FNS) 1970 Correspondence (Dr. Spiess) 1967-1969 Spiess Correspondence, 1-1-66
7	Copies of LTRS (200b-B. Young) 1963 Copies of LTRS (200b-B. Young) 1964 Spiess - Misc. Correspondence
8	200b-U- 1tr copies 1-1-67 200b-U- 1tr copies 1-1-66 200b-U- 1tr copies 1-1-65 to ?
9	Outgoing Mail 1960 - 1969
10	Incoming Mail 1960 - 1964, 1966 - 1969
11	NObsr - 43356 Classified
12	Nonr 2216(10) Task MPL

## SIO Marine Physical Laboratory Films, Accession Number 82-06

A.O.E.L. = Applied Ocean Engineering Lab

[Aerials of Hydraulic Facility, SIO] 16mm black & white print [196-]

A.O.E.L. ARPA 1/8th Scale Stabilized Floating Platform, Initial Open Sea Tests, Marine Physical Laboratory SIO; 16mm; 12 min. 40 sec.; 7/11/? & 7/12/?; color; silent print [196-]

Dupe Print (261 ft.) black & white print A.O.E.L. Prod. #1 With mag. stripe on double perf. stock/black & white] 16mm it, [196-]

A.O.E.L. Hydraulics Facility, Aerial; 16mm; color; original [196-]

A.O.E.L. Out-takes; 16mm [196-?]

[A.O.E.L. Prod. #1] 261 ft.; 6 min. 27 sec.; black & white print [196-]

1/30 Scale Models S.F.P. "Being balanced in 30 ft. tank next to Hydro Lab & being loaded off truck for transport to wave tank testing at Escondido." 8mm; 1 reel; color; home original [196-]

[A.O.E.L. - 1/100th Scale Tests - W.P. Outs] 16mm; original [196-]

[A.O.E.L. "S.F.P." - single & three leg hull wave tank tests & computers - W.P. Trims] 16mm; original; [196-]

UCSD - A.O.E.L. "Stabilized floating platform" small model; 16mm; original [196-]

[A.O.E.L. - TLF Test 1 - three leg flip outs - W.P. - head] 16mm; original; [196-]

[A.O.E.L. - T.L.F. Test 2 (filmed) - W.P. outs] 16mm; original [196-]

A.O.E.L. - T.L.F. Test 4 - W.P. 16mm; [196-]

[T.L.F. - Launch - W.P. outs A.O.E.L.] 16mm; original; [196-]

W.P. - Aerials - SIO & A.O.E.L.; 16mm; original; [196-]

[A.O.E.L. - W.P. outs of construction & tests of three leg flip (1/8th scale); 16mm; original; [196- ]

T.N.M.I.S. 16mm; black & white [196-]

Reel 1 Stabilized Platform Dec. 4 O.T.C.; 16mm; 100 ft.; 12/4/?; black & white; reversal [196- ]

Roll 2 Stabilized Platform O.S.T. Dec. 4; 16mm; 100 ft.; 12/4; black & white; reversal [196-]

### **SIO Marine Physical Laboratory Films (continued)**

Roll 3 1/30th Test O.T.C., Stabilized P.L.T. Dec. 5; 16mm; 100 ft.; 12/5/?; black & white; reversal [196-]

Roll 4 Stabilized P.L.T. 1/30th O.T.C. Dec. 5; 16mm; 100 ft. 12/5/?; black & white; reversal [196-]

Roll 5 Stabilized Platform 1/30th O.T.C. Dec. 5; 16mm; 100 ft.; 12/5/?; color; [196-]

Roll 6 6/30 T.C.; 16mm; 100 ft.; 6/30/?; color [196-]

Roll 1 ARPA SFP; 16mm; 100 ft.; color; original [196-]

Roll 2 ARPA - Stabilized Floating Platform Single Hull In Tank; 16mm; 90 ft.; 9/4/?; color; original [196-]

"Flip" Launching 6/22/62; 16mm; 6/62; original [1962]

Construction of Wave Basin in Hydraulic Facility; 16mm; original [1964]

Construction of Wave Basin in Hydro Lab, W.P.; 16mm; original [1966]

A.O.E.L. - Model Tests In Wave Channel - W.P.; 16mm [CA1966]

(2 reels marked "head" & "tail") A.O.E.L. Two Legged Flip; 16mm; color; original [196- or 197-]

Flip Launching & Trials; 16mm; 800 ft.; 1st Print; [196- or 197-]

(Round) Buoy Rough Edit. 16mm; black & white; original [196-, 197-]

Sea Drome; 16mm; [196-, 197-]

Unlabelled; 16mm; original [196-, 197-]

A.O.E.L. Stabilized Floating Platform Workprint; 16mm; original [197-]

[A.O.E.L. Three leg Flip - scenes depicting weakness in "Saddle" Design] Workprint; 16mm original; ]197-]

[A.O.E.L. - T.L.F. Cutaways] 16mm; original workprint [197-]

S.F.P. Testing in San Diego Bay (No Mating Flip with Tub Out of Water; 8mm; [197-]

Final Construction - Three Legged Flip Workprint from Print; 16mm; [197-]

### **SIO Marine Physical Laboratory Films (continued)**

[3 Leg Flip - Print removals (A.E.O.L.) Launch & Test]; 16mm; original [197-]

[Welding & near final construction UCSD A.O.E.L. "Three legged Flip Model"]; 16mm; original workprint [197-]

[W.P. outs - 3 leg Flip Tests (replace in print)] 16mm; original [197-]

[W.P. outs from 2 leg mating (replace in print)] 16mm; original [197-]

[ARPA - SFP Roll 3 single hull test in tank] 16mm; Sept. 4, 1970 original; [1970]

[A.O.E.L. - S.F.P. - single hull test in wave tank - 1970 (Fall) W.P.] 16mm; original [1970]

"Color Dupe, 2 of 3 3-1971" 16mm; [1971]

SFP a-59 One Module, Sta. - KPG Mode A.O.E.L. SIO July, 1971; 8mm; 7/71; [1971]

SFP A-59 One Module, Legs Vertical, Hull In Water, A.O.E.L. SIO July 1971 US; 8mm; 7/71; [1971]

SFP A-59, Two Modules, Prox. & Coupled A.O.E.L. SIO July 1971; 8mm; 7/ 71 ; [1971 ]

SFP A-59 One Module Horizontal Mode A.O.E.L. SIO July 1971 #3; 8mm; 7/71; [1971]

UCSD/SIO A.O.E.L. - Two Leg Test - 1st in Center of San Diego Bay, 8/71 Stabilized Floating Platform; 16mm; original [1971]

A.O.E.L. Stabilized Float Platform, Two Legged Flip, Mating of Two; 16mm; 9/3/71; color; workprint original [1971]

A.O.E.L. - Two Legged Flip, A.O.E.L. -Stabilized Float Platform (Mating); 16mm; 9/3/71; in color; original [1971]

A.O.E.L. Stabilized Floating Platform (Mating of Two Two-Leg Flips); 16mm; 9/71; silent workprint; two legged Flip-mating, original [1971]

SFP Mating (1/8 Scale) Bay Tests Sept. 3, 1971; 8mm; 9/1971

Flip; 3 Leg; 2 Leg; San Diego Harbor; Model; 16mm; 11/1971; print [1971]

A.O.E.L. ARPA 1/8 Scale Stabilized Floating Platform, 2 Leg Flips - Tests In Rough Water Off Strand (2 films in cannister); 16mm; 7/72; original & timed print [1972]

### **SIO Marine Physical Laboratory Films (continued)**

USCD A.O.E.L. - "SFP Major Module & Satellite Legs" Rough Water Test; 16mm; 9/72; Original [1972]

A.O.E.L. 1/100th Scale Model Tests, Towing, Flipping, Smooth & Rough Water; 12/72; original [1972]

(2 rolls in 1 box) A.O.E.L. - ARPA - Stabilized Floating Platform 1/100th Scale, Major Module - Wave Channel Tests (SIO) Dec. 1972; 16mm, original [1972]

A.O.E.L. - ARPA S.F.P. - 1/100th Scale In Hydro Lab Wave Channel 12/72; 16mm; 12/72; original workprint [1972]

(In canister) 2 films on "original" reels; color dupe 3-1972 3 of 3" [1972]

A.O.E.L. - SFP 1/8th Scale Rough Water Tests - Feb. 7, 8, 9, 1973 A.O.E.L.; 16mm; original [1973]

A.O.E.L. - SFP 1/8th Scale Model Rough Water - Feb. 7, 8, 9, 1973; 16mm; workprint original [1973]

A.O.E.L. - Stabilized Floating Platform - 1/8th Scale Rough Water Tests - Feb. 6-9, 1973; 16mm; original [1973]

A.O.E.L. - S.F.P. - 1/100th Scale - Major Module Tests In Wave Channel - At "Off Shore Technology" 2-73; 16mm; original workprint [1973]

A.O.E.L. - (ARPA) c/o SIO. ARPA Major Module 1/100th Scale With Two Additional Legs - Wave Channel Tests, April 26, 27, 1973; 16mm, 4/73; original [1973]

Titles For A.O.E.L. 1/100th Scale Model Tests 12/72 S.F.P.; 16mm; 1-23-73; color; original [1973]