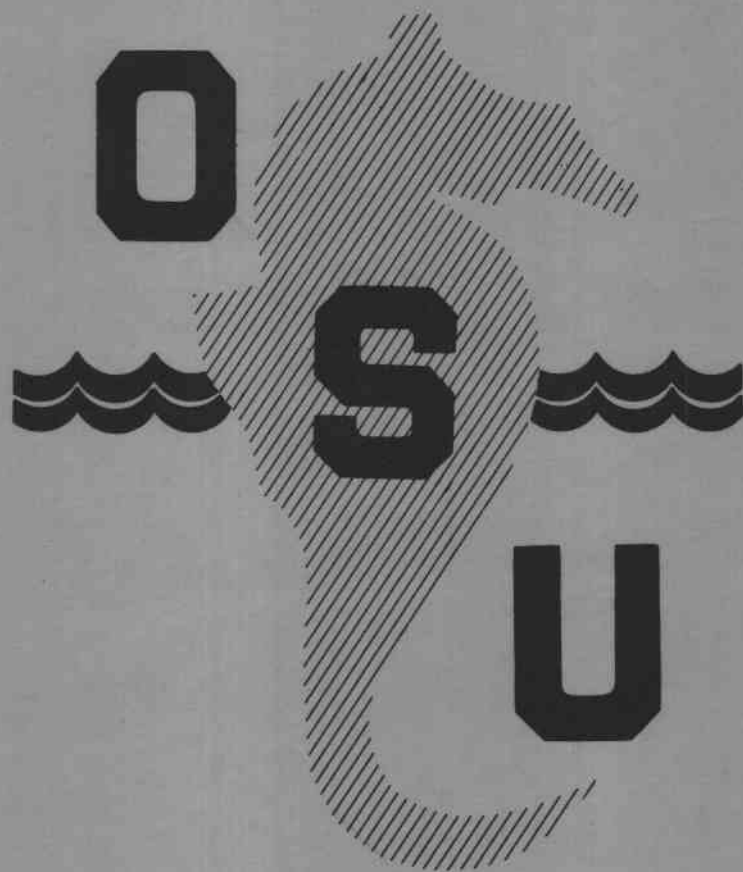


School of

OCEANOGRAPHY



**Reference Number Listings
1955-1973
Theses Listings
1962-1973**

A compilation of the
School of Oceanography
Oregon State University

OREGON STATE UNIVERSITY

Reference 74-1

January 1974

School of Oceanography
Oregon State University
Corvallis, Oregon 97331

Reference Number Listings

1955 - 1973

Theses Listings

1962 - 1973

John V. Byrne

Dean

Beverly H. Knapp

Editor

In 1955 one oceanography report was issued by Oregon State University. The School of Oceanography now issues between 35 and 50 reports per year. This compilation lists in chronological order all oceanographic reports published through 1973. It also lists theses for which degrees were awarded between 1962 and 1973. Both sections will be updated yearly both with additions and corrections.

Reports are described as Data Reports, Technical Reports, Progress Reports, Reprints, and Contract Reports. Report availability varies. Some reports are available only to libraries and oceanographic institutions. Many are out of print. Contract Reports are not available for distribution.

The School of Oceanography also issues an annual volume of "Collected Reprints" by staff and students. Volume 1 covers 1956-1962; volumes 2 through 10 cover 1963 through 1971 (volumes 9 and 10 were each issued in two parts); volume 11 for 1972 is in preparation.

The reprints included in this listing are identified by Reprint CR and a number indicating volume and part. For complete details, refer to the indicated volume of Collected Reprints, available at most oceanography institutions and libraries.

AD numbers where available are given in the description column. AD numbered reports, either in microfiche or paper copy (Price from NTIS), should be requested directly from:

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The Editor
School of Oceanography
Oregon State University
Corvallis, Oregon 97331

REPORTS

Data ReportsDepartmental Progress Reports

#	Reference	#	Reference	#	Reference
1	55-1	35	69-3	1	60-3
2	56-2	36	69-6	2	61-2
3	58-6	37	69-7	3	61-5
4	61-1	38	69-34	4	61-6
5	61-3	39	70-1	5	62-1
6	61-4	40	70-3	6	62-7
7	62-6	41	70-11	7	62-10
8	62-11	42	70-12	8	62-12
9	63-16	43	70-25	9	63-1
10	63-23	44	70-26	10	63-14
11	63-27	45	70-44	11	63-22
12	63-33	46	71-1	12	64-8
13	63-35	47	71-8	13	64-20
14	63-36	48	71-21	14	64-38
15	64-14	49	71-23	15	65-5
16	64-25	50	71-36	16	65-23
17	64-33	51	72-2	17	66-7
18	65-1	52	72-13	18	66-19
19	65-17	53	72-14	19	67-5
20	65-18	54	73-7	20	67-14
21	65-20	55	73-11	21	68-4
22	66-5	56	73-15	22	68-47
23	66-11			23	69-8
24	67-1			24	69-32
25	67-8			25	70-21
26	67-20				
27	67-28				
28	68-1				
29	68-3				
30	68-5				
31	68-6				
32	68-21				
33	68-34				
34	68-38				

This series was discontinued with # 25.

It was replaced with an annual report which is not in the reference listing series. The first annual report was issued in the Spring of 1973 and was for the period of 1 April 1970 through 30 June 1971.

Hydrographic Data Reports for Oregon

Waters

Cruise Reports

Data Report		Reference	YALOC '66 is reference 66-10 YALOC '69 is reference 69-21		
1	Coos Bay	55-1			
2	Oregon Estuaries (pre 1956)	56-2			
3	Oregon Estuaries (June 1956-Sept. 58)	58-6	<u>Compilation of Observations for Moored</u>		
4	July 1958-June 59	61-1		<u>Current Meter</u>	
5	July 1959-June 60	61-3			
7	July 1960-June 61	62-6	Data Report	Volume	Reference
12	June-Dec. 61	63-33			
24	1962-64	67-1	23	1	66-11
27	1965	67-28	30	2	68-5
33	1966	68-34	40	3	70-3
35	1967	69-3	44	4	70-26
36	1968	69-6	46	5	71-1
42	1969	70-12			
49	1970	71-23			
53	1971	72-14			

Surface Temperature and Salinity

Observations --- shore stations

OSU Seismological Bulletins

Data Report	Reference	(published in data report series)		
6	61-4			
8	62-11	#	Data Report	Reference
11	63-27	1	14	63-36
21	65-30	2	16	64-25
25	67-8	3	17	64-33
28	68-1	4	18	65-1
37	69-7	5	19	65-17
41	70-11	6	20	65-18
47	71-8	7	22	66-5
51	72-2			

REPORTS

<u>Ref. No.</u>	<u>Author(s)</u>	<u>Title</u>	<u>Description</u>
<u>1955</u>			
55-1	Queen, J., W.V. Burt	Hydrography of Coos Bay	Data Rep. 1
<u>1956</u>			
56-1	Burt, W.V.	Flushing of pollutants in the Yaquina River estuary (preliminary study)	Tech. Rep. 1A
56-2	Burt, W.V.	Hydrography of Oregon estuaries prior to June 1956	Data Rep. 2
56-3	Burt, W.V.	A light scattering diagram	Tech. Rep. 2A Reprint CR 1
<u>1957</u>			
57-1	Danielson, E.F., W.V. Burt, M. Rattray, Jr.	Intensity and frequency of severe storms in the Gulf of Alaska	Tech. Rep. 3A Reprint CR 1
57-2	Burt, W.V.	A preliminary estimate of temperature conditions in the Brownlee Reservoir and in the Snake River below Brownlee Dam	Tech. Rep. 1B Contract Rep. FWS
57-3	Burt, W.V.	Evaluation of the Snake River thermograph program for reservoir temperature studies	Tech. Rep. 2B Contract Rep. FWS
57-3A		Status report, Oregon Oceanographic Studies, September 1957	
57-4	Burt, W.V.	Results of trip to Snake River, 28 September - 4 October 1957	Tech. Rep. 3B Contract Rep. FWS
57-5	Burt, W.V.	A second forecast of temperature conditions in the Brownlee Reservoir and in the Snake River below Brownlee Dam, 31 October 1957	Tech. Rep. 4B Contract Rep. FWS
57-6	Burt, W.V.	A forecast of temperature conditions in the Oxbow and Low Hells Canyon Reservoirs and in the Snake River below Hells Canyon Dam	Tech. Rep. 5B Contract Rep. FWS

57-7	Burt, W.V.	On the attenuation of light in the sea	Tech. Rep. 4A Reprint CR 1
57-8	Burt, W.V. J. Queen	Tidal overmixing in estuaries	Tech. Rep. 5A Reprint CR 1
57-9		Status report, Oregon Oceanographic Studies, December 1957	

1958

58-1	Burt, W.V., L.D. Marriage	Computation of pollution in the Yaquina Bay estuary	Tech. Rep. 1AA Reprint CR 1
58-2		Status report, March 1958	
58-2A	Burt, W.V.	Selective transmission of light in tropical Pacific waters	Tech. Rep. 6A Reprint
58-3	Burt, W.V.	Can mid-latitude storms be as severe as tropical typhoons and hurricanes?	Tech. Rep. 7A Reprint CR 1
58-4		Status report, June 1958	
58-5		Status report, 18 October 1958	
58-6	Burt, W.V., B. McAlister	Hydrography of Oregon estuaries, June 1956 to September 1958	Data Rep. 3
58-7	Burt, W.V.	Heat budget terms for Middle Snake River	Tech. Rep. 6B Contract Rep. FWS

1959

59-1	Burt, W.V., B. McAlister, J. Queen	Oxygen anomalies in the surf near Coos Bay, Oregon	Tech. Rep. 8A Reprint CR 1
59-2	Burt, W.V., B. McAlister	Recent studies in the hydrography of Oregon estuaries	Tech. Rep. 9A Reprint CR 1

1960

60-2	Burt, W.V.	Research Vessel ACONA	Tech. Rep. 10A
60-3	Pattullo, J.G.	Present research facilities and staff	Progr. Rep. 1
60-4	Pattullo, J.G.	Seasonal variations in sea level in the Pacific during the International Geophysical Year, 1957-1958	Reprint CR 1

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<u>1957</u>			
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57-7	Burt, W.V.	On the attenuation of light in the sea	Tech. Rep. 4A Reprint CR 1
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58-5		Status report, 18 October 1958	
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1960

60-2	Burt, W.V.	Research Vessel ACONA	Tech. Rep. 10A
60-3	Pattullo, J.G.	Present research facilities and staff	Progr. Rep. 1
60-4	Pattullo, J.G.	Seasonal variations in sea level in the Pacific during the International Geophysical Year, 1957-1958	Reprint CR 1

1961

61-1	Wyatt, B., R. Callaway	Physical hydrographic data offshore from Newport, Oregon, for July 1958 to July 1959	Data Rep. 4
61-2	Pattullo, J.G.	Research Activities January - March 1961	Progr. Rep. 2
61-3	Wyatt, B., N.F. Kujala	Physical oceanography data offshore from Newport and Astoria, Oregon, July 1959 to June 1960	Data Rep. 5
61-4	Kujala, N.F., B. Wyatt	Surface temperature and salinity observations at shore stations on the Oregon coast	Data Rep. 6
61-5	Pattullo, J.G.	Research Activities April - June 1961	Progr. Rep. 3
61-6	Pattullo, J.G.	Research Activities July - September 1961	Progr. Rep. 4
61-7	Lisitzin, E., J.G. Pattullo	The principal factors influencing the seasonal oscillation of sea level	Reprint CR 1
61-8	Pearcy, W.G.	Seasonal changes in osmotic pressure of flounder sera	Reprint CR 1

1962

62-1	Pattullo, J.G.	Research Activities October - December 1961	Progr. Rep. 5
62-2	Patullo, J.G., W.V. Burt	The Pacific Ocean. <u>In</u> : Atlas of the Pacific Northwest	Tech. Rep. 11 Reprint CR 1
62-3	Pattullo, J.G., B. McAlister	Evidence for oceanic frontogenesis off Oregon	Tech. Rep. 12 Reprint CR 1
62-4	Frolander, H.F., I. Pratt	A bottom skimmer	Tech. Rep. 13 Reprint CR 1
62-5	Byrne, J.V., L.D. Kulm	An inexpensive lightweight piston corer	Tech. Rep. 14 Reprint CR 1
62-6	Wyatt, B., N.F. Kujala	Hydrographic data from Oregon coastal waters, June 1960 through May 1961	Data Rep. 7
62-7	Strong, E.	Research Activities January - March 1962	Progr. Rep. 6

62-8	Pearcy, W.G.	Species composition and distribution of marine nekton in the Pacific Ocean off Oregon	Progr. Rep. AEC Contract
62-9	Byrne, J.V.	Geomorphology of the continental terrace off the central coast of Oregon	Tech. Rep. 15 Reprint CR 1
62-10	Strong, E.	Research Activities April - June 1962	Progr. Rep. 7
62-11	Oliphant, M., B. Wyatt, N.F. Kujala	Surface temperature and salinity observations at shore stations on the Oregon coast for 1961	Data Rep. 8
62-12	Strong, E.	Research Activities July - September 1962	Progr. Rep. 8
62-13	Curl, H.C., Jr., J. Sandberg	Measure of dehydrogenase activity in marine organisms	Reprint CR 1
62-14	Riley, C.M., J.V. Byrne	Genesis of primary structures in anhydrite	Reprint from J. Sed. Petrol. December 1961
62-15	Hood, D.W., K. Park	Bicarbonate utilization by marine phytoplankton in photosynthesis	Reprint CR 1
62-16	Pearcy, W.G.	Ecology of an estuarine population of winter flounder, <u>Pseudopleuronectes I</u>	Reprint CR 1 cited only
62-17	Pearcy, W.G.	Ecology of an estuarine population of winter flounder, <u>Pseudopleuronectes II</u>	Reprint CR 1 cited only
62-18	Pearcy, W.G.	Ecology of an estuarine population of winter flounder, <u>Pseudopleuronectes III</u>	Reprint CR 1 cited only
62-19	Pearcy, W.G.	Ecology of an estuarine population of winter flounder, <u>Pseudopleuronectes IV</u>	Reprint CR 1 cited only
62-20	Pearcy, W.G., S.W. Richards	Distribution and ecology of fishes of the Mystic River estuary, Connecticut	Reprint CR 1
62-21	Pearcy, W.G.	A tail-less flounder	Reprint CR 1
62-22	Park, K., J.G. Pattullo, B. Wyatt	Chemical properties as indicators of upwelling along the Oregon coast	Tech. Rep. 16 Reprint CR 1
62-23	Berg, J.W., Jr., C.D. Baker	Oregon earthquakes 1841 through 1958	Reprint CR 1
62-24	Byrne, J.V.	Here's a look at offshore Oregon	Tech. Rep. 15a Reprint CR 1

62-25	Curl, H.C., Jr.	Effect of divalent sulfur and vitamin B ₁₂ in controlling the distribution of <u>Skeletonema costatum</u>	Reprint CR 1
62-26	Frolander, H.F.	Quantitative estimations of temporal variations of zooplankton off the coast of Washington and British Columbia	Reprint CR 1
62-27	Morita, R.Y., R.D. Haight	Malic dehydrogenase activity at 101° C under hydrostatic pressure	Reprint CR 1
62-28	Osterberg, C.	Fallout radionuclides in Euphausiids	Tech. Rep. 17 Reprint CR 1
62-29	Kitano, Y., K. Park, D.W. Hood	Pure aragonite synthesis	Tech. Rep. 18 Reprint CR 1
62-30	Byrne, J.V.	Bathymetry of Crater Lake, Oregon	Tech. Rep. 19 Reprint CR 1
62-31	Curl, H.C., Jr.	Standing crops of carbon, nitrogen, and phosphorous and transfer between trophic levels in continental shelf waters south of New York	Reprint CR 1
62-32	Dehlinger, P., J.W. Berg, Jr.	The Portland earthquake of November 5, 1962	Tech. Rep. 20 Reprint CR 1
62-33	McCauley, J.E.	Ellobiopsidae from the Pacific	Tech. Rep. 21 Reprint CR 1
62-34	Dehlinger, P.	Comparison of Graf-Askania and LaCoste-Romberg Surface-Ship gravity meters	Reprint from J. Geophys. Res. 67(13):5157-5162.
62-35	Dehlinger, P., S.H. Yungul	Experimental determination of the reliability of the LaCoste-Romberg Surface-Ship gravity meter S-9	Reprint CR 1
62-36	Yungul, S.H., P. Dehlinger	Preliminary free-air gravity anomaly map of the Gulf of Mexico from surface-ship measurements and its tectonic implications	Reprint CR 1
62-37	Osterberg, C.	Zn ⁶⁵ content of salps and Euphausiids	Tech. Rep. 22 Reprint CR 1
62-38	Park, K., W.T. Williams, J.M. Prescott, D.W. Hood	Amino acids in deep-sea water	Reprint Cr 1
62-39	Small, L.F.	Use of radioisotopes in laboratory energy assimilation investigations with <u>Daphnia</u>	Reprint CR 1

62-40	Berg, J.W., Jr. et. al.	Reply by authors to discussion by L.P. Stephenson and R.D. Tooley	Reprint CR 1
62-41	Curl, H.C., Jr., G.C. McLeod	Physiological ecology of a marine diatom, <u>Skeletonema costatum</u>	Reprint CR 1
<u>1963</u>			
63-1		Research Activities October - December 1962	Progr. Rep. 9
63-2	Small, L.F., H.C. Curl, Jr.	Energy conversion and element transfer in lower trophic levels in the marine environment	Progr. Rep. AEC Contract
63-3	Osterberg, C.L.	Radioanalysis of oceanic organisms in the Pacific Ocean off Oregon	Progr. Rep. AEC Contract
63-4	Curl, H.C., Jr.	Analyses of carbon in marine plankton organisms	Tech. Rep. 23 Reprint CR 2
63-5	Lane, R.K.	A short-tailed albatross off British Columbia	Reprint CR 2
63-6	Pearcy, W.G.	Distribution and origin of demersal eggs within the order Pleuronectiformes	Reprint CR 2
63-7	Osterberg, C., L.D. Kulm J.V. Byrne	Gamma emitters in marine sediments near the Columbia River	Tech. Rep. 24 Reprint CR 2
63-8	Berg, J.W., Jr., C.D. Baker	Oregon earthquakes, 1841 through 1958	Tech. Rep. 25 Reprint CR 2
63-9	Pearcy, W.G.	Egg masses and early develop- mental stages of the Scorpaenid fish, <u>Sebastolobus</u>	Reprint CR 2
63-10	Pattullo, J.G.	Seasonal changes in sea level. <u>In: The Sea, Hill (ed.)</u>	Reprint CR 2
63-11	Osterberg, C., L. Small, L. Hubbard	Radioactivity in large marine plankton as a function of surface area	Tech. Rep. 26 Reprint CR 2
63-12	Pattullo, J.G., J.E. McCauley	Oceanography at Oregon State University	Reprint CR 2
63-13	Chowdaury, D.K., P. Dehlinger	Elastic wave propagation along layers in two-dimensional models	Reprint CR 2
63-14	Strong, E.	Research Activities January - March 1963	Progr. Rep. 10

63-15	Dehlinger, P., R.G. Bowen, E.F. Chiburis, W.H. Westphal	Investigations of the earth- quake of November 5, 1962, north of Portland	Tech. Rep. 27 Reprint CR 2
63-16	Rinehart, W.A., J.W. Berg, Jr.	Nearshore marine gravity range, Newport, Oregon	Data Rep. 9
63-17	Park, K., D.W. Hood	Radiometric field measurement of CO ₂ exchange from the atmos- phere to the sea	Reprint CR 2
63-18	Osterberg, C.	The effluent of the Columbia River as a source of radioactivity	Abstract
63-19	Morita, R.Y., Stave, P.W.	Electron micrograph of an ultrathin section of <u>Beggiatoa</u>	Reprint CR 2
63-20	Wyatt, B.	A short-tailed albatross sighted off the Oregon coast	Reprint CR 2
63-21	Byrne, J.V.	Variations in fluvial gravel imbrication	Tech. Rep. 28 Reprint CR 2
63-22	Strong, E.	Research Activities April - June 1963	Progr. Rep. 11
63-23	McAlister, W.B., J.O. Blanton	Temperature, salinity, and current measurements for Coos Bay, Oregon, during 1960 - 1963	Data Rep. 10
63-24	Park, K., M. Oliphant, H. Freund	Conductometric determination of alkalinity of sea water	Tech. Rep. 29 Reprint CR 2
63-25	Lane, R.K.	A model of seawater structure near the west coast of Vancouver Island, British Columbia	Reprint CR 2
63-26	Pearcy, W.G.	Species composition and distribu- tion of marine nekton in the Pacific Ocean off Oregon	Prog. Rep. AEC Contract
63-27	Still, R., B. Wyatt, N. Kujala	Surface temperature and salinity observations at shore stations on the Oregon coast for 1962	Data Rep. 11
63-28	Byrne, J.V.	Geomorphology of the Oregon conti- nental terrace south of Coos Bay	Tech. Rep. 30 Reprint CR 2
63-29	Byrne, J.V.	Cosatal erosion, northern Oregon	Tech. Rep. 31 Reprint CR 2
63-30	McCauley, J.E., W.V. Burt	Oceanography at Oregon State University	Reprint CR 2

63-31	Byrne, J.V.	Oceanography and the hydrologic cycle	Reprint CR 2
63-32	Pearcy, W.G., G.L. Voss	New species of gonatid squid from the northeastern Pacific	Reprint CR 2
63-33	Wyatt, B., N. Kujala	Hydrographic data from Oregon waters June through December 1961	Data Rep. 12
63-34	Carey, A.G., Jr.	Ecological and radiological study of the benthos in the Pacific Ocean off Oregon	Progr. Rep. AEC Contract
63-35	Dehlinger, P., E.F. Chiburis	West Coast linearity run to determine calibration factor of LaCoster-Romberg gravity meter S-9	Data Rep. 13
63-36	Collver, M.M., P. Dehlinger	OSU Seismological Bulletin #1	Data Rep. 14
63-37	Berg, J.W., Jr.	Seismic refraction profiles, Narragansett Bay, Rhode Island	Reprint CR 2
63-38	Burton, S.D., R.Y. Morita	Denaturation and renaturation of malic dehydrogenase in a cell-free extract from a marine psychrophile	Reprint CR 2
63-39	Morita, R.Y., S.D. Burton	Influence of moderate temperature on the growth and malic dehydrogenase in a cell-free extract from a marine psychrophile	Reprint CR 2
63-40	Park, K., D.W. Hood	Radiometric field measurement of CO ₂ exchange from the atmosphere to the sea	Reprint CR 2
63-41	Frolander, H.F., K. Park	Chemistry of the sea off Oregon, I. Comparison of estuarine and offshore chemistry. (Symposium)	Preprint
63-42	Rinehart, W.A., J.W. Berg, Jr.	Nearshore marine gravity range, Newport, Oregon	Tech. Rep. 37 Reprint CR 2
63-43	Fowler, G.A.	The submarine geology of Lasuen Bank (Abstract)	Reprint from AAPG Bull. 47: 1770
63-44	Small, L.	Effect of wind on the distribution of chlorophyll <u>a</u> in Clear Lake, Iowa	Reprint CR 2
63-45	Byrne, J.V.	Geomorphology of the continental terrace off the northern coast of Oregon	Tech. Rep. 32 Reprint CR 2
63-46	McCauley, J.E.	Multiple authorship (Letter to the Editor)	Reprint CR 2

1964

64-1	Small, L., H.C. Curl, Jr.	Energy conversion in lower trophic levels in the marine environment	Progr. Rep. AEC Contract
64-2	Osterberg, C.	Radioanalysis of oceanic organisms in the Pacific Ocean off Oregon	Progr. Rep. AEC Contract
64-3	Osterberg, C., A.G. Carey, Jr., H.C. Curl, Jr.	Acceleration of sinking rates of radionuclides in the ocean	Tech. Rep. 33 Reprint from Nature 200(4913): 1276-1277
64-4	McCauley, J.E.	A deep-sea digenetic trematode	Reprint CR 3
64-5	Park, K.	Reliability of standard sea water as a conductivity standard	Tech. Rep. 34 Reprint CR 3
64-6	McAlister, B., W.V. Burt	Predicted water temperatures for the Rampart Dam Reservoir on the Yukon River	Reprint CR 3
64-7	Rinehart, W., R.G. Bowen, E.F. Chiburis	Airport gravity base station network in Oregon	Tech. Rep. 35 Reprint CR 3
64-8	Strong, E. S. Borden	Research Activities October 1962 through September 1963	Progr. Rep. 12
64-9	Park, K., W.T. Williams, J.M. Prescott, D.W. Hood	Amino acids in Redfish Bay, Texas	Reprint from Inst. Mar. Sci., Texas Vol. 9 December 1963
64-10	Berg, J.W., Jr., R. Gaskell, V. Rinehart	Earthquake energy release and isostasy	Tech. Rep. 36 Reprint CR 3
64-11	Byrne, J.V.	The oceans: A neglected mining frontier	Tech. Rep. 38 Reprint CR 3
64-12	Park, K., P.K. Weyl, A. Bradshaw	Effect of carbon dioxide on the electrical conductance of sea water	Tech. Rep. 39 Reprint CR 3
64-13	Weyl, P.K.	On the change in electrical conductance of sea water with temperature	Tech. Rep. 40 Reprint CR 3
64-14	Maloney, N.J., J.V. Byrne	Sedimentary rocks from the continental shelf and slope off the central coast of Oregon	Data Rep. 15

64-15	Pearcy, W.G., L. Hubbard	A modification of the Isaacs-Kidd midwater trawl for sampling at different depth intervals	Reprint CR 3
64-16	Pytkowicz, R.M., D.N. Connors	High pressure solubility of calcium carbonate in sea water	Tech. Rep. 41 Reprint CR 3
64-17	Osterberg, C., J.G. Pattullo, W.G. Pearcy	Zinc 65 in euphausiids as related to Columbia River water off the Oregon coast	Tech. Rep. 42 Reprint CR 3
64-18	Cutshall, N., C. Osterberg	Radioactive particle in sediment from the Columbia River	Tech. Rep. 43 Reprint CR 3
64-19	Slabaugh, W.H., A.D. Stump	Surface areas from the V/n ratio for marine sediments	Reprint CR 3
64-20	Borden, S.	Research Activities October 1963 through March 1964	Progr. Rep. 13
64-21	McCauley, J.E.	A preliminary report of the benthic animals collected on the USCGS "Northwind" cruise during 1962	Reprint CR 3
64-22	Berg, J.W., Jr., G.E. Papageorge	Elastic displacement of primary waves from explosive sources	Tech. Rep. 46 Reprint CR 3
64-23	Park, K., G.H. Kennedy, H.H. Dobson	Comparison of gas chromatographic method and pH-alkalintiy method for determination of total carbon dioxide in sea water	Tech. Rep. 44 Reprint CR 3
64-24	Osterberg, C., W.G. Pearcy, H.C. Curl, Jr.	Radioactivity and its relationship to the oceanic food chains	Tech. Rep. 45 Reprint CR 3
64-25	Collver, M.M., P. Dehlinger	OSU Seismological Bulletin #2	Data Rep. 16
64-26	Burt, W.V.	Education looks to the sea	Reprint CR 3
64-27	Weyl, P.K.	The solution alteration of carbonate sediments and skeletons	Reprint from Approach to Paleocology p. 345-356.
64-28	Pytkowicz, R.M.	Oxygen exchange rates off the Oregon coast	Tech. Rep. 47 Reprint CR 3
64-29	Laurs, R.M., J.E. McCauley	A new acanthocephalan from the Pacific Saury	Reprint CR 3
64-30	Berg, J.W., Jr., L.D. Trembly, P.R. Laun	Primary ground displacements and seismic energy near the Gnome explosion	Tech. Rep. 48 Reprint CR 3

64-31	McCauley, J.E.	Systematics and ecology of Oregon oceanic trematodes	Progr. Rep. PHS Contract
64-32	McCauley, J.E.	Gastropod larvae from the brood pouch of an Arctic shrimp	Reprint CR 3
64-33	Schatz, C.E., P. Dehlinger	OSU Seismological Bulletin #3	Data Rep. 17
64-34	Burt, W.V., B. Wyatt	Drift bottle observations of the Davidson current off Oregon	Tech. Rep. 49 Reprint CR 3
64-35	Park, K.	Electrolytic conductance of sea water: effect of calcium carbonate dissolution	Tech. Rep. 50 Reprint CR 3
64-36	Lane, R.K.	Estimating evaporation from insolation	Tech. Rep. 51 Reprint CR 3
64-37	Frolander, H.F.	Biological and chemical features of tidal estuaries	Tech. Rep. 52 Reprint CR 3
64-38	Borden, S.	Research Activities April through September 1964	Progr. Rep. 14
64-39	Small, L., H.C. Curl, Jr.	Energy and element transfer in lower trophic levels in the marine environment	Progr. Rep. AEC Contract
64-40	Byrne, J.V.	An erosional classification for the northern Oregon coast	Tech. Rep. 53 Reprint CR 3
64-41	Hill, E.P., R.Y. Morita	Dehydrogenase activity of hydrostatic pressure by isolated mitochondria from <u>Allomyces macrogynus</u>	Reprint CR 3
64-42	Morita, R.Y., R.D. Haight,	Temperature effects on the growth of an obligate psychrophilic marine bacterium	Reprint CR 3
64-43	Colwell, R.R., R.Y. Morita	Reisolation and emendation of description of <u>Vibrio marinus</u> (Russell) Ford	Reprint CR 3
64-44	Park, K.	Partial equivalent conductance of electrolytes in sea water	Tech. Rep. 54 Reprint CR 3
64-45	Slabaugh, W.H., A.D. Stump	Surface areas and porosity of marine sediments	Reprint CR 3
64-46	Schatz, C.E., H.C. Curl, Jr., W.V. Burt	Tsunamis on the Oregon coast	Reprint CR 3
64-47	Park, K., M. Catalfomo	Gas chromatographic determination of dissolved oxygen in sea water using argon as carrier gas	Tech. Rep. 55 Reprint CR 3

64-48	Pearcy, W.G., C. Osterberg	Vertical distribution of radio-nuclides as measured in oceanic animals	Reprint CR 3
64-49	Donn, W.L., J.G. Pattullo, D.M. Shaw	Sea-level fluctuations and long waves	Reprint CR 3
64-50	Dehlinger, P.	Reliability at sea of Gimbal-suspended gravity meters with 0.7 critically damped accelerometers	Tech. Rep. 58 Reprint CR 3
64-51	Osterberg, C., W.G. Pearcy, N.F. Kujala	Gamma emitters in a fin whale	Reprint CR 3
64-52	Renshaw, R.W., W.G. Pearcy	A new swivel cable clamp for towing large plankton nets at different depths	Reprint CR 3
64-53	Morita, R.Y., S.M. Robison	Moderate temperature effects on oxygen uptake of <u>Vibrio marinus</u>	Reprint CR 3
64-54	Colwell, R.R., R.Y. Morita, M.B. Gochnauer	Taxonomy of marine Vibrios	Reprint CR 3
64-56	Morita, R.Y., P.F. Mathemeier	Temperature-hydrostatic pressure studies on partially purified inorganic pyrophosphatase at elevated temperature	Reprint CR 3
64-57	Mathemeier, P.F., R.Y. Morita	The influence of substrate-cofactor ratios on partially purified inorganic pyrophosphatase at elevated temperature	Reprint CR 3
64-58	Burton, S.D. R.Y. Morita	Effect of catalase and cultural conditions on growth of <u>Beggiatoa</u>	Reprint CR 3
64-59	Berg, J.W., Jr., K.L. Cook, M.D. Halverson, J.C. Stepp	Regional gravity survey of the northern Great Salt Lake Desert, and adjacent area in Utah, Nevada, and Idaho	Reprint CR 3
64-60	Park, K.	Letters "Chemistry and the Oceans"	Reprint CR 3
64-61	Pearcy, W.G.	Some distributional features of mesopelagic fishes off Oregon	Reprint CR 3

1965

65-1	Schatz, C.E., P. Dehlinger	OSU Seismology Bulletin #4	Data Rep. 18
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65-2	Pytkowicz, R.M.	Rates of inorganic calcium carbonate nucleation	Tech. Rep. 56 Reprint CR 4
65-3	Curl, H.C., Jr., N. Cutshall, C. Osterberg	Uptake of Chromium (III) by particles in sea water	Reprint CR 4
65-4	Park, K., H.C. Curl, Jr.	Effect of photosynthesis and respiration on the electrical conductance of sea water	Tech. Rep. 57 Reprint CR 4
65-5	Borden, S.	Research Activities October 1964 through March 1965	Progr. Rep. 15
65-6	Mackenzie, F.T., L.D. Kulm R.L. Cooley, J.T. Branhart	<u>Homotrema rubrum</u> (Lamarck), a sediment transport indicator	Reprint CR 4
65-7	Dehlinger, P., W.A. Rinehart, J.W. Berg, Jr.	Oregon State University sea gravity investigations	Reprint CR 4
65-8	Duedall, I.W., P.K. Weyl	Apparatus for determining the partial equivalent volumes of salts in aqueous solutions	Reprint CR 4
65-9	Dehlinger, P., B.R. Jones	Free-air gravity anomaly map of the Gulf of Mexico and its tectonic implications, 1963, edition	Reprint CR 4
65-10	Osterberg, C.	Radioactivity from the Columbia River	Reprint CR 4
65-11	Jennings, D., N. Cutshall, C. Osterberg	Radioactivity: Decton of gamma-ray emission in sediments <u>in situ</u>	Tech. Rep. 61 Reprint CR 4
65-12	Dehlinger, P., E.F. Chiburis, M.M. Collver	Local travel-time curves and their geologic implications for the Pacific Northwest states	Tech. Rep. 60 Reprint CR 4
65-13	Maughan, P.M., R.S. Mesecar	A solar and long-wave radiation measuring system for shipboard use	Tech. Rep. 62 Reprint CR 4
65-14	Osterberg, C.	Ecological studies of radioactivity in the Columbia River estuary and adjacent Pacific Ocean	Progr. Rep. AEC Contract
65-15	Weyl, P.K.	On the oxygen supply of the deep Pacific Ocean	Tech. Rep. 63 Reprint CR 4
65-16	Pytkowicz, R.M.	Calcium carbonate saturation in the ocean	Tech. Rep. 64 Reprint CR 4

65-17	Schatz, C.E., P. Dehlinger	OSU Seismological Bulletin #5	Data Rep. 19
65-18	Gallagher, J.N., P. Dehlinger	OSU Seismological Bulletin #6	Data Rep. 20
65-19	Eagle, R.J., J.E. McCauley	Collecting and preparing deep-sea trematodes	Reprint CR 4
65-20	Wyatt, B., R. Still, C. Haag	Surface temperature and salinity observations at Pacific Northwest shore stations for 1963 and 1964	Data Rep. 21
65-21	Pattullo, J.G., W. Denner	Processes affecting seawater charac- teristics along the Oregon coast	Tech. Rep. 65 Reprint CR 4
65-22	Byrne, J.V.	Morphometry of Crater Lake, Oregon	Reprint CR 4
65-23	Borden, S.	Research Activities April - September 1965	Progr. Rep. 16
65-24	Lane, R.K.	Wind, nearshore ocean temperature, and the albacore tuna catch off Oregon	Tech. Rep. 66 Reprint CR 4
65-25	North, W.B., J.V. Byrne	Coastal landslides of northern Oregon	Tech. Rep. 67 Reprint CR 4
65-26	Park, K., W.V. Burt	Electrolytic conductance of sea- water and the salinometer	Tech. Rep. 68 Reprint CR 4
65-27	Park, K.	Total carbon dioxide in seawater	Tech. Rep. 69 Reprint CR 4
65-28	Park, K.	Gas chromatographic determination of dissolved oxygen, nitrogen, and total carbon dioxide in seawater	Tech. Rep. 70 Reprint CR 4
65-29	Renshaw, R.W.	Distribution and morphology of the Medusa, <u>Calycopsis nematophora</u> , from the North Pacific Ocean	Reprint CR 4
65-30	Osterberg, C., N. Cutshall, J. Cronin	Chromium-51 as a radioactive tracer of Columbia River water at sea	Reprint CR 4
65-31	Pearcy, W.G., R.M. Laurs	Vertical migration and distribution of mesopelagic fishes off Oregon	Reprint CR 5
65-32	McCormick, J.M.	Some aspects of the ecology of hydroids off the Oregon coast	Reprint CR 4

1966

66-1	Smith, R.L., J.G. Pattullo, R.K. Lane	An investigation of the early stage of upwelling along the Oregon coast	Tech. Rep. 71 Reprint CR 5
66-2	Carey, A.G., Jr., D. Hancock	An anchor-box dredge for deep-sea sampling	Reprint CR 4
66-3	Fowler, G.A.	Notes on late Tertiary foraminifera from off the central coast of Oregon	Tech. Rep. 72 Reprint CR 5
66-4	Burt, W.V., S. Borden	Ocean current observations from offshore drilling platforms	Tech. Rep. 73 Reprint CR 5
66-5	Gallagher, J.N., P. Dehlinger	OSU Seismological Bulletin #7	Data Rep. 22
66-6	Cutshall, N., V. Johnson, C. Osterberg	Chromium-51 in seawater: Chemistry	Tech. Rep. 75 Reprint CR 5
66-7	Borden, S.	Research Activities October 1965 through March 1966	Progr. Rep. 17
66-8	McCauley, J.E.	Ecological studies of radioactivity in the Columbia River estuary and adjacent Pacific Ocean	Progr. Rep. AEC Contract
66-9	Dehlinger, P.	Investigations on the seismicity and crustal and subcrustal struc- tures in Oregon	Progr. Rep. ARPA Contract
66-10	Pattullo, J.G.	Cruise Report YALOC '66	Tech. Rep. 74
66-11	Collins, C.A., H.C. Creech	A compilation of observations from moored current meters and thermo- graphs	Data Rep. 23
66-12	Berg, J.W., Jr., J.M. King, P.R. Carlson	Seismic reflection studies of bur- ied channels off the Columbia River	Tech. Rep. 76 Reprint CR 5
66-13	Pytkowicz, R.M., D.R. Kester	Oxygen and phosphate as indicators for the deep intermediate waters in the Northeast Pacific Ocean	Tech. Rep. 77 Reprint CR 5
66-14	Kulm, L.D., J.V. Byrne	Sedimentary response to hydrography in an Oregon estuary	Tech. Rep. 78 Reprint CR 5
66-15	Pytkowicz, R.M., I.W. Duedall, D.N. Connors	Magnesium ions: Activity in seawater	Tech. Rep. 79 Reprint CR 5
66-16	Pytkowicz, R.M., D.R. Kester, B.C. Burgener	Reproducibility of pH measure- ments in seawater	Tech. Rep. 80 Reprint CR 5

66-17	Weyl, P.K.	Environmental stability of the earth's surface-chemical consideration	Tech. Rep. 81 Reprint CR 5
66-18	Bodvarsson, G.	Direct interpretation methods in applied geophysics	Tech. Rep. 82 Reprint Cr 5
66-19	Kulm, S.	Research Activities April through September 1966	Progr. Rep. 18
66-20	Carey, A.G., Jr., M. Alspach	Ecology of the benthic fauna off the Oregon coast	Progr. Rep. NSF Contract
66-21	Burt, W.V.	The Department of Oceanography at OSU	Reprint CR 5
66-22	Park, K.	Columbia River plume identification by specific alkalinity	Tech. Rep. 83 Reprint CR 5
66-23	Park, K.	Deep-sea pH	Tech. Rep. 84 Reprint CR 5
66-24	Emilia, D.A., J.W. Berg, Jr., W.E. Bales	A magnetic survey off the Pacific Northwest coast	Tech. Rep. 85 Reprint CR 5
66-25	Dehlinger, P., R. Couch, M. Gemperle	Surface-ship gravity meter measurements corrected for vertical accelerations	Tech. Rep. 86 Reprint CR 5
66-26	Dehlinger, P., M. Gemperle, R. Couch	Free-air gravity anomalies along the Inside Passage of British Columbia and Alaska	Tech. Rep. 87 Reprint CR 5
66-27	Fowler, G.A., L.D. Kulm	A multiple corer	Tech. Rep. 88 Reprint CR 5
66-28	Byrne, J.V., G.A. Fowler, N.J. Maloney	Uplift of the continental margin and possible continental accretion off Oregon	Tech. Rep. 89 Reprint CR 5
66-29	Trembly, L.D., J.W. Berg, Jr.	Amplitudes and energies of primary seismic waves near the Hardhat, Haymaker, and Shoal nuclear explosions	Reprint Cr 5
66-30	Park, K.	Surface pH of the northeastern Pacific Ocean	Tech. Rep. 92 Reprint CR 5
66-31	Park, K., W.V. Burt	Electrolytic conductance of sea water and the salinometer - An addendum to the review	Tech. Rep. 68a Reprint CR 5

1967

67-1	Gilbert, W.E., B. Wyatt	Hydrographic data from Oregon waters 1962 through 1964	Data Rep. 24
67-2	Pytkowicz, R.M.	Carbonate cycle and the buffer mechanism of recent oceans	Tech. Rep. 90 Reprint CR 6
67-3	Smith, R.L.	Note on Yoshida's (1955) theory of coastal upwelling	Tech. Rep. 91 Reprint CR 6
67-4	Dehlinger, P., R. Couch, M. Gemperle	Gravity and structure of the eastern part of the Mendocino Escarpment	Tech. Rep. 93 Reprint CR 6
67-5	Kulm, S., D. Frischknecht	Research Activities October 1966 through March 1967	Progr. Rep. 19
67-6	Neal, V.T.	Predicted flushing times and pollution distribution in the Columbia River estuary	Tech. Rep. 94 Reprint CR 5
67-7	McCauley, J.E.	Ecological studies of radioactivity in the Columbia River estuary and adjacent Pacific Ocean	Progr. Rep. AEC Contract
67-8	Wyatt, B., W.E. Gilbert	Surface temperature and salinity observations at Pacific Northwest shore stations for 1965 and 1966	Data Rep. 25
67-9	Bodvarsson, G., J.W. Berg, Jr., R. Mesezar	Vertical temperature gradient and eddy diffusivity above the ocean floor in an area west of the coast of Oregon	Tech. Rep. 95 Reprint CR 6
67-10	Kester, D.R., I.W. Duedall, D.N. Connors, R.M. Pytkowicz	Preparation of artificial seawater	Tech. Rep. 96 Reprint CR 6
67-11	Burt, W.V., S.A. Kulm	Oceanography (Encyclopedia section)	Reprint CR 5
67-12	McCauley, J.E.	Status of the heart urchin, <u>Brisaster latifrons</u>	Reprint CR 6
67-13	McCauley, J.E., A.G. Carey, Jr.	Echinoidea of Oregon	Reprint CR 6
67-14	Kulm, S.A., D. Merten	Research Activities April through September 1967	Progr. Rep. 20
67-15	Bodvarsson, G.	Some considerations on the optimum production and use of geothermal energy	Reprint CR 6

67-16	Nelson, C.H.	Sediments of Crater Lake, Oregon	Reprint CR 6
67-17	Kester, D., R.M. Pytkowicz	Determination of the apparent dissociation constants of phosphoric acid in seawater	Tech. Rep. 97 Reprint CR 6
67-18	Berg, J.W., Jr., J.V. Thiruvathukal	Regional gravity of Oregon	Tech. Rep. 98 Reprint CR 6
67-19	Bodvarsson, G.	Heat transfer and temperature micro-structure at the ocean floor	Tech. Rep. 99 Reprint CR 6
67-20	Wyatt, B., M. Stevenson, W.E. Gilbert, J.G. Pattullo	Measurements of subsurface currents off the Oregon coast made by tracking of parachute drogues	Data Rep. 26
67-21	Kulm, L.D.	Progress Report - USGS	Progr. Rep. USGS Contract
67-22	McCormick, J.M., R.M. Laurs, J.E. McCauley	A hydroid epizoic on myctophid fishes	Reprint CR 6
67-23	Curl, H.C., Jr., E.W. Davey	Improved calibration and sample-injection systems for nondestructive analysis of permanent gases, total CO ₂ , and dissolved organic carbon in water	Tech. Rep. 100 Reprint CR 6
67-24	Bodvarsson, G., D.J. Ryley	The measurements of the weight discharge from geothermal steam wells	Tech. Rep. 101 Reprint CR 6
67-25	Park, K.	Chemical features of the subarctic boundary near 170° W	Tech. Rep. 102 Reprint CR 6
67-26	Park, K.	Nutrient regeneration and preformed nutrients off Oregon	Tech. Rep. 103 Reprint CR 6
67-27	Pond, G.S.	Report on Institute of Atmospheric Physics Academy of Sciences, USSR	Spec. Rep. 1
67-28	Wyatt, B., R. Still, D. Barstow, W. Gilbert	Hydrographic data from Oregon waters 1965	Data Rep. 27
67-29	Connors, D.N., K. Park	The partial equivalent conductance of electrolytes in seawater: A revision	Tech. Rep. 104 Reprint CR 6
67-30	Haertel, L., C. Osterberg	Ecology of zooplankton, benthos and fishes in the Columbia River estuary	Tech. Rep. 105 Reprint CR 6

67-31	Culberson, C., D.R. Kester, R.M. Pytkowicz	High-pressure dissociation of carbonic and boric acids in	Tech. Rep. 106 Reprint CR 6
67-32	Beardsley, G.F., Jr., J.R.V. Zaneveld	Final Report (Contract No. N60530- 67-C-0688) Naval Ordinance Test Station	Progr. Rep. NOTS Contract
67-33	Russell, K.L., K.S. Deffeyes, G.A. Fowler, R.M. Lloyd	Marine dolomite of unusual isotopic composition	Reprint CR 6
67-34	Mesecar, R.S., W.V. Burt	Review of the oceanographic curric- ula and research programs at Oregon State University	Reprint CR 6
67-35	Pearcy, W.G., C.L. Osterberg	Depth, diel, seasonal, and geo- graphic variations in zinc-65 of midwater animals of Oregon	Reprint CR 6
67-36	Carey, A.G., Jr.	Energetics of the benthos of Long Island Sound	Reprint CR 6
67-37	Johnson, V., N. Cutshall, C. Osterberg	Retention of ^{65}Zn by Columbia River sediment	Reprint CR 6
67-38	Byrne, J.V., L.D. Kulm	Natural indicators of estuarine sediment movement	Reprint CR 6
67-39	Small, L.F.	On the standardization of C^{14} for primary production estimates in aquatic environments	Reprint CR 6

1968

68-1	Gilbert, W., B. Wyatt	Surface temperature and salinity observations at Pacific Northwest shore stations for 1967	Data Rep. 28
68-2	Kulm, L.D.	Research Activities (USGS)	Progr. Rep. USGS Contract
68-3	Gilbert W., W. Pawley, K. Park	Carpenter's oxygen solubility tables and nomograph for seawater as a func- tion of temperature and salinity	Data Rep. 29
68-4	Merten, D.	Research Activities October 1967 through March 1968	Progr. Rep. 21
68-5	Mooers, C.N.K., L.M. Bogert, R.L. Smith, J.G. Pattullo	A compilation of observations from moored current meters and thermo- graphs (and of complementary ocean- ographic and atmospheric data) Vol. II: Oregon continental shelf, Aug.-Sept. 1966	Data Rep. 30

68-6	Beardsley, G.F., Jr., R.T. Hodgson, J.R.V. Zaneveld, R.L. Smith	Johnston Island light scattering and transmission data	Data Rep. 31
68-7	McCauley, J.E.	Ecological studies of radioactivity in the Columbia River estuary and adjacent Pacific Ocean	Progr. Rep. AEC Contract
68-8	Hardy, J.T., H.C. Curl, Jr.	Red snow caused by a new species of <u>Trachelomonas</u>	Tech. Rep. 107 Reprint CR 7
68-9	Beardsley, G.F., Jr.,	Mueller scattering matrix of sea water	Tech. Rep. 108 Reprint CR 7
68-10	Kulm, L.D., D.F. Heinrichs, R.M. Buehrig, D.M. Chambers	Evidence for possible placer accumulations on the Southern Oregon continental shelf	Tech. Rep. 109 Reprint CR 7
68-11	Park, K.	Alkalinity and pH off the coast of Oregon	Tech. Rep. 110 Reprint CR 7
68-12	Neshyba, S.	Pulsed light stimulation of marine bioluminescence <u>in situ</u>	Tech. Rep. 111 Reprint CR 6
68-13	Small, L.F., H.C. Curl, Jr.	The relative contribution of parti- culate chlorophyll and river tripton to the extinction of light off the coast of Oregon	Tech. Rep. 112 Reprint CR 7
68-14	Emilia, D.A., J.W. Berg, Jr., W.E. Bales	Oceanic extension of coastal volcan- ics: Northwestern Oregon	Tech. Rep. 113 Reprint CR 7
68-15	Heinrichs, D.F., L.J. Pietrafesa	The Portland earthquake of January 27, 1968	Tech. Rep. 114 Reprint CR 7
68-16	Mooers, C.N.K., R.L. Smith	Continental shelf waves off Oregon	Tech. Rep. 115 Reprint CR 7
68-17	Quinn, W.H., W.V. Burt	Incoming solar radiation over the tropical Pacific	Tech. Rep. 116 Reprint CR 7
68-18	Pytkowicz, R.M., D.R. Kester	Relative calcium phosphate satura- tion in two regions of the North Pacific Ocean	Tech. Rep. 117 Reprint CR 6
68-19	Quinn, W.H., W.V. Burt	Weather and solar radiation recep- tion in the equatorial trough	Tech. Rep. 118 Reprint CR 7
68-20	Pond, S.	The Meteorological Institute of the University of Hamburg	Tech. Rep. 119 Reprint CR 7
68-21	Curtin, T.B., R.E. Still, S. Neshyba	A report on geomagnetic electro- kinetograph observations off the Oregon coast	Data Rep. 32

68-22	Quinn, W.H., W.V. Burt	Computation of incoming solar radiation over the equatorial Pacific	Tech. Rep. 120 Reprint CR 7
68-23	Pond, S.	Some effects of buoy motion on measurements of wind speed and stress	Tech. Rep. 121 Reprint CR 7
68-24	Weyl, P.K.	The role of the oceans in climatic change: A theory of the ice ages	Tech. Rep. 122 Reprint CR 7
68-25	Kester, D.R., R.M. Pytkowicz	Oxygen saturation in the surface waters of the Northeast Pacific Ocean	Tech. Rep. 123 Reprint CR 7
68-26	Pytkowicz, R.M., R. Gates	Magnesium sulfate interactions in seawater from solubility measurements	Tech. Rep. 124 Reprint CR 7
68-27	Nelson, C.H., L.D. Kulm, P.R. Carlson, J.R. Duncan	Mazama ash in the northeastern Pacific	Tech. Rep. 125 Reprint CR 7
68-28	Emilia, D., J.W. Berg, Jr., W.E. Bales	Magnetic anomalies off the northwest coast of the United States	Tech. Rep. 126 Reprint from Geol. Soc. Amer. Bull. 79:1053- 1062
68-29	Hutt, J.R., J.W. Berg, Jr.	Thermal and electrical conductivities of sandstone rocks and ocean sediments	Tech. Rep. 127 Reprint CR 7
68-30	Frolander, H.F.	Statistical variation in zooplankton numbers from subsampling with a Stempel pipette	Reprint CR 7
68-31	Dehlinger, P., R.W. Couch, M. Gemperle	Continental and oceanic structure from the Oregon coast westward across the Juan de Fuca Ridge	Tech. Rep. 128 Reprint CR 7
68-32	McCauley, J.E.	Six species of <i>Lepidapedon</i> Stafford, 1904 (trematoda: lepocreadiidae) from deep-sea fishes	Reprint CR 7
68-33	Hager, S.W., L.I. Gordon, P.K. Park	A practical manual for use of the Technicon Analyzer® in seawater nutrient analyses	Final Rep. BCF Contract
68-34	Barstow, D., W. Gilbert, K., Park, R. Still, B. Wyatt	Hydrographic data from Oregon waters 1966	Data Rep. 33
68-35	Connors, D.N., P.K. Weyl	The partial equivalent conductances of salts in seawater and the density/conductance relationship	Reprint CR 7

68-36	Pearcy, W.G., L.F. Small	Effects of pressure on the respiration of vertically migrating crustaceans	Reprint CR 7
68-37	Beardsley, G.F., Jr.	The polarization of submarine daylight at near-asymptotic depths	Tech. Rep. 129 Reprint CR 7
68-38	Gonor, J.J.	Temperature relations of central Oregon marine intertidal invertebrates: A prepublication technical report to the Office of Naval Research	Data Rep. 34
68-39	Mooers, C.N.K.	Gerstner wave's Fourier decomposition and related identities	Reprint Cr 7
68-40	Longuet-Higgins, M.S.	Double Kelvin waves with continuous depth profiles	Tech. Rep. 130 Reprint CR 7
68-41	Pond, S.	Air-sea interaction studies by the Department of Meteorology, Imperial College, London	Tech. Rep. 131 Reprint CR 7
68-42	Kulm, L.D., K.F. Scheidegger, J.V. Byrne, J.J. Spigai	A preliminary investigation of the heavy mineral suites of the coastal rivers and beaches of Oregon and Northern California	Tech. Rep. 132 Reprint CR 7
68-43	Pattullo, J.G., W.V. Burt, G.B. Burdwell	Tsunami on the Oregon coast from an earthquake near Japan	Tech. Rep. 133 Reprint CR 7
68-44	Culberson, C. R.M. Pytkowicz	Effect of pressure on carbonic acid, boric acid, and the pH in seawater	Tech. Rep. 134 Reprint CR 7
68-45	Pytkowicz, R.M.	Water masses and their properties at 160°W in the Southern Ocean	Tech. Rep. 135 Reprint CR 7
68-46	Park, P.K	Seawater hydrogen-ion concentration: Vertical distribution	Tech. Rep. 136 Reprint CR 7
68-47	Knapp, B.	Research Activities April through September 1968	Progr. Rep. 137
68-48	Cross, F.A., S.W. Fowler, J.M. Dean, L.F. Small, C.L. Osterberg	Distribution of ⁶⁵ Zn in tissues of two marine crustaceans determined by autoradiography	Reprint CR 7
68-49	Dept. Oceanography - OSU	Oceanography in Oregon	Brief History
68-50	McCauley, J.E., J.E. Pequegnat	Two new species of <i>Dinosoma</i> Manter, 1934 (Trematoda: Hemiuridae) from deep-water macrourid fishes off the coast of Oregon	Reprint CR 7

68-51	Melson, W.G., G. Thompson, T.H. van Andel	Volcanism and metamorphism in the mid-Atlantic Ridge, 22°N latitude	Reprint CR 7
68-52	Neshyba, S., G.F. Beardsley, Jr., V.T. Neal, K. Carder	Light scattering in central Arctic Ocean: Some winter profiles	Reprint CR 7
68-53	Trembly, L.D., J.W. Berg, Jr.	Seismic source characteristics from explosion-generated P waves	Tech. Rep. 137 Reprint CR 7
68-54	Smith, R.L.	Upwelling	Tech. Rep. 138 Reprint CR 7
<u>1969</u>			
69-1	Kulm, L.D.	Research Activities - USGS	Progr. Rep. USGS Contract
69-2	Earle, M.D., G.F. Beardsley, Jr.	An experimental investigation of the interrelations between wind wave properties	Progr. Rep. NSF Contract
69-3	Barstow, D., W. Gilbert, B. Wyatt	Hydrographic data from Oregon waters 1967	Data Rep. 35
69-4	Pytkowicz, R.M., D.R. Kester	Harned's rule behavior of NaCl-Na ₂ SO ₄ solutions explained by an ion association model	Tech. Rep. 139 Reprint CR 8
69-5	Long, L.T., J.W. Berg, Jr.	Transmission and attenuation of the primary seismic wave, 100 to 600 km	Tech. Rep. 140 Reprint CR 8
69-6	Barstow, D., W. Gilbert, B. Wyatt	Hydrographic data from Oregon coastal waters, 1968	Data Rep. 36
69-7	Gilbert, W., B. Wyatt	Surface temperature and salinity observations at Pacific Northwest shore stations for 1968	Data Rep. 37
69-8	Knapp, B.	Research Activities October 1968 through March 1969	Progr. Rep. 23
69-9	McCauley, J.E.	Ecological studies of radio- activity in the Columbia River estuary and adjacent Pacific Ocean	Progr. Rep. AEC Contract
69-10	Nath, J.	Dynamics of single point ocean moorings of a buoy - A numerical model for solution by computer	Progr. Rep. ONR Contract
69-11	Heath, G.R.	Carbonate sedimentation in the abyssal equatorial Pacific during the past 50 million years	Reprint CR 8

69-12	Park, P.K.	Alteration of alkalinity, pH, and salinity of seawater by metallic water samplers	Tech. Rep. 141 Reprint CR 7
69-13	Longuet-Higgins, M.S.	On wave breaking and equilibrium spectrum of wind-generated waves	Tech. Rep. 142 Reprint CR 8
69-14	van Andel, T.H., P.D. Komar	Ponded sediments of the Mid-Atlantic Ridge between 22° and 23° North latitude	Tech. Rep. 143 Reprint CR 8
69-15	Quinn, W.H., W.V. Burt, W.M. Pawley	A study of several approaches to computing surface insolation over tropical ocean	Tech. Rep. 144 Reprint CR 8
69-16	Griggs, G.B., A.G. Carey, Jr., L.D. Kulm	Deep-Sea sedimentation and sediment-fauna interaction in Cascadia Channel and on Cascadia Abyssal Plain	Tech. Rep. 145 Reprint CR 8
69-17	van Andel, T.H., J.D. Phillips, R.P. von Herzen	Rifting origin for the Vema fracture in the North Atlantic	Tech. Rep. 146 Reprint CR 8
69-18	Bodvarsson, G.	On the temperature of water flowing through fractures	Tech. Rep. 147 Reprint CR 8
69-19	Beardsley, G.F., Jr. J.R.V. Zaneveld	Theoretical dependence of the near-asymptotic apparent optical properties on the inherent optical properties of sea water	Tech. Rep. 148 Reprint CR 8
69-20	Zaneveld, J.R.V., G.F. Beardsley, Jr.	Modulation transfer function of sea water	Tech. Rep. 149 Reprint CR 8
69-21	Dept. of Oceanography, OSU	Cruise Report - YALOC '69	Tech. Rep. 150
69-22	Kyte, M.A.	A synopsis and key to the recent Ophiuroidea of Washington State and southern British Columbia	Reprint CR 8
69-23	Swindle, G., T.H. van Andel	Computer contouring of deep sea bathymetric data	Tech. Rep. 151 Reprint CR 8
69-24	Pattullo, J.G., W.V. Burt, S.A. Kulm	Oceanic heat content off Oregon: its variations and their causes	Tech. Rep. 152 Reprint CR 8
69-25	Park, P.K.	Oceanic CO ₂ system: An evaluation of ten methods of investigation	Tech. Rep. 153 Reprint CR 8
69-26	Longuet-Higgins, M.S.	A nonlinear mechanism for the generation of sea waves	Tech. Rep. 154 Reprint CR 8
69-27	Longuet-Higgins, M.S.	On the reflexion of wave characteristics from rough surfaces	Tech. Rep. 155 Reprint CR 8

69-28	Neal, V.T., D. Keene, J. Detweiler	Physical factors affecting Oregon coastal pollution	Progr. Rep. FWPCA Contract
69-29	Heath, G.R.	Mineralogy of Cenozoic deep-sea sediments from the equatorial Pacific Ocean	Tech. Rep. 156 Reprint CR 8
69-30	Longuet-Higgins, M.S.	On the trapping of long-period waves round islands	Tech. Rep. 157 Reprint CR 8
69-31	Longuet-Higgins, M.S.	Action of a variable stress at the surface of water waves	Tech. Rep. 158 Reprint CR 8
69-32	Knapp, B.	Research Activities April through September 1969	Progr. Rep. 24
69-33	Knapp, B.	Reference Number Listing and Theses (55-1 through 69-32)	Superseded by Ref. 74-1
69-34	Dominguez, R., J. Nath, S. Neshyba, D. Young	Analysis of a two-point mooring for a spar buoy.	Data Rep. 38
69-35	Hedgpeth, J., J. Gonor	Aspects of the potential effect of thermal alteration on marine and estuarine benthos.	Tech. Rep. 159 Reprint CR 8
69-36	Kenny, R.	Growth characteristics of <u>Acmaea</u> <u>persona</u> Eschscholtz	Tech. Rep. 160 Reprint CR 8
69-37	McCain, J., W. Stout	Benthic zonation on submarine cliffs in the vicinity of Arthur Harbor, Antarctica	Reprint CR 8
69-38	Neal, V.T., S. Neshyba	Thermal stratification in the Arctic Ocean	Tech. Rep. 161 Reprint CR 8
69-39	Couch, R., D. Heinrichs	Oceanic and continental gravity investigations by Oregon State University	Tech. Rep. 162 Reprint CR 8
69-40	Blanton, J.	Energy dissipation in a tidal estuary	Tech. Rep. 163 Reprint CR 8
69-41	Longuet-Higgins, M.S.	On the transport of mass by time-varying ocean currents	Tech. Rep. 164 Reprint CR 8
69-42	Griggs, G., L.D. Kulm	Glacial marine sediments from the Northwest Pacific	Tech. Rep. 165 Reprint CR 8
69-43	Zaneveld, J., M. Andrade, G. Beardsley, Jr.	Measurements of optical properties at an oceanic front observed near the Galapagos Islands	Tech. Rep. 166 Reprint CR 8

69-44	Park, P.K., L. Gordon, S. Hager, M. Cissel	Carbon dioxide partial pressure in the Columbia River	Tech. Rep. 167 Reprint CR 8
69-45	Park, P.K., G. Webster, R. Yamamoto	Alkalinity budget of the Columbia River	Tech. Rep. 168 Reprint CR 8
69-46	Emilia, D., D. Heinrichs	Ocean floor spreading: Olduvai and Gilsa events in the Matuyama epoch	Tech. Rep. 169 Reprint CR 8
69-47	Stevenson, M., J. Pattullo, B. Wyatt	Subsurface currents off the Oregon coast as measured by parachute drogues	Tech. Rep. 170 Reprint CR 8
69-48	Mesecar, R., G. Bodvarsson, W.V. Burt	Time-dependent vertical temperature measurements across the water-sedi- ment interface on the continental shelf west of Oregon	Tech. Rep. 171 Reprint CR 8
69-49	Emilia, D., G. Bodvarsson	Numerical methods in the direct interpretation of marine magnetic anomalies	Tech. Rep. 172 Reprint CR 8
69-50	van Andel, T.H.	Recent uplift of the Mid-Atlantic Ridge south of the Vema fracture zone	Tech. Rep. 173 Reprint CR 8

1970

70-1	Gonor, J., A. Thum	Sea surface temperature and salinity conditions in 1969 at Agate Beach and Yaquina Bay, Oregon	Data Rep. 39
70-2	Kulm, L.D.	USGS Progress Report	Progr. Rep. USGS Contract
70-3	Pillsbury, D., R. Smith, J. Pattullo	A compilation of observations from moored current meters and thermo- graphs. Vol. III: Oregon Continen- tal Shelf, May-June, 1967 April-September, 1968	Data Rep. 40 AD 715 650
70-4	Duncan, J., L. Kulm, G. Griggs	Clay mineral composition of late Pleistocene and Holocene sediments of Cascadia Basin, northeastern Pacific Ocean	Tech. Rep. 174 Reprint CR 9(2)
70-5	Bodvarsson, G.	Evaluation of geothermal prospects and the objectives of geothermal exploration	Tech. Rep. 175 Reprint CR 9(1)
70-6	Moore, T., T.H. van Andel, W. Blow, G.R. Heath	Large submarine slide off north- eastern continental margin of Brazil	Tech. Rep. 176 Reprint CR 9(1)

70-7	Collins, C., J. Pattullo	Ocean currents above the continental shelf off Oregon as measured with a single array of current meters	Tech. Rep. 177 Reprint CR 9(2)
70-8	Duncan, J., G. Fowler, L. Kulm	Planktonic foraminiferan-radiolarian ratios and Holocene-late Pleistocene deep-sea stratigraphy off Oregon	Tech. Rep. 178 Reprint CR 9(1)
70-9	Pak, H., G. Beardsley, Jr., R. Smith	An optical and hydrographic study of a temperature inversion off Oregon during upwelling	Tech. Rep. 179 Reprint CR 9(1)
70-10	Gemperle, M., K. Keeling,	Geophysical data reduction and plotting computer programs	Tech. Rep. 180
70-11	Wyatt, B., W. Gilbert	Surface temperature and salinity observations at Pacific Northwest shore stations during 1969	Data Rep. 41
70-12	Wyatt, B., W. Gilbert, L. Gordon, D. Barstow	Hydrographic data from Oregon waters - 1969	Data Rep. 42
70-13	Griggs, G., L. Kulm	Sedimentation in Cascadia Deep-Sea Channel	Tech. Rep. 181 Reprint CR 9(1)
70-14	Bodvarsson, G.	Confined fluids as strain meters	Tech. Rep. 182 Reprint CR 9(1)
70-15	Park, P.K., M. Catalfomo, G. Webster, H.Reid	Nutrients and carbon dioxide in the Columbia River	Tech. Rep. 183 Reprint CR 9(2)
70-16	Phelps, G.T., S. Pond, U. Gorner	Simultaneous measurement of humidity and temperature fluctuations	Tech. Rep. 184 Reprint CR 9(2)
70-17	Quinn, W., W.V. Burt	Prediction of abnormally heavy precipitation over the equatorial Pacific dry zone	Tech. Rep. 185 Reprint CR 9(2)
70-18	Longuet-Higgins, M.S., G.S. Pond	The free oscillations of fluid on a hemisphere bounded by meridians of longitude	Tech. Rep. 186 Reprint CR 9(2)
70-19	Young, D., S. Neshyba	Engineering design and usage of the TOTEM buoy	Tech. Rep. 187
70-20	McCauley, J.	Ecological studies of radioactivity in the Columbia River estuary and adjacent Pacific Ocean	Progr. Rep. AEC Contract
70-21	Knapp, B.	Research Activities October 1969 through March 1970	Progr. Rep. 25 final # in series

70-22	Hasse, L.	On the determination of vertical transports of momentum and heat in the atmospheric boundary layer at sea	Tech. Rep. 188 a translation
70-23	Culberson, C., R. Pytkowicz	A near-bottom water sampler	Reprint CR 9(2)
70-24	Culberson, C., R. Pytkowicz	Oxygen-total carbon dioxide correlation in the eastern Pacific Ocean	Reprint CR 9(1)
70-25	Gilbert, K., A. Robinson, R. Still, T. Sakou	Data from Themis moored instrumented ocean array	Data Rep. 43
70-26	Enfield, D., R. Smith, J. Pattullo, R. Pillsbury, T. Hopkins, R. Dugdale	A compilation of observations from moored current meters, thermographs, and wind instrument. Vol. IV: Peru continental shelf, March-April 1969	Data Rep. 44
70-27	Haertel, L., C. Osterberg, H. Curl, P.K. Park	Nutrient and plankton ecology of the Columbia River estuary	Reprint CR 8
70-28	Beardsley, Jr., G. H. Pak, K. Carder, B. Lungren	Light scattering and suspended particles in the eastern equatorial Pacific Ocean	Tech. Rep. 189 Reprint CR 9(1) AD 715 539
70-29	Griggs, G., L. Kulm, J. Duncan, G. Fowler	Holocene faunal stratigraphy and paleoclimatic implications of deep-sea sediments in Cascadia Basin	Tech. Rep. 190 Reprint CR 9(1) AD 715 539
70-30	Griggs, G., L. Kulm	Physiography of Cascadia Deep-Sea Channel	Tech. Rep. 191 Reprint CR 9(1) AD 715 539
70-31	Bodvarsson, G.	A surface integral in potential theory	Tech. Rep. 192 Reprint CR 9(1)
70-32	Moore, T., L. Kulm	A high-resolution sub-bottom profiling system for use in ocean basins	Tech. Rep. 193 Reprint CR 9(2) AD 715 539
70-33	van Andel, T.H., T. Moore	Magnetic anomalies and sea-floor spreading rates in the northern South Atlantic	Tech. Rep. 194 Reprint CR 9(1) AD 715 539
70-34	Earle, M., J. Groelle, G. Beardsley, Jr.	A three component drag probe for the measurement of turbulent water velocity fluctuations	Tech. Rep. 195 Reprint CR 9(1)

70-35	Heath, G., T. Moore, Jr., B. Somayajulu,	Sediment budget in a deep-sea core from the central equatorial Pacific	Tech. Rep. 196 Reprint CR 9(2) AD 715 539
70-36	Johnson, S., R. Couch	Crustal structure in the North Cascade Mountains of Washington and British Columbia from seismic refraction measurements	Reprint CR 9(1)
70-37	Moore, T.C., Jr.	Abyssal Hills in the central equatorial Pacific: sedimentation and stratigraphy	Tech. Rep. 197 Reprint CR 9(1) AD 715 539
70-38	Pak, H., G.Beardsley, Jr., P.K. Park	The Columbia River as a source of marine light-scattering particles	Tech. Rep. 198 reprint CR 9(1) AD 715 539
70-39	Emilia, G., G. Bodvarsson	More on the direct interpretation of magnetic anomalies	Reprint CR 9(2)
70-40	Gonor, J.	Oregon coastal marine animals, their environmental temperatures and man's impact	Tech. Rep. 199 Reprint CR 9(2) AD 714 705
70-41	McCauley, J., J. Pequegnat, C. Brownell	A new species of <i>Gonocerca</i> Manter, 1925 (Trematoda: Hemiuridae) from the eastern Pacific	Reprint CR 9(2)
70-42	Pearcy, W.G., R.L. Smith	Remote sensing of the pelagic fisheries environment off Oregon: A study of coastal upwelling and the Columbia River plume	Final Report US Fish & Wildlife Services BCF Contract
70-43	Longuet-Higgins, M.S.	Steady currents by oscillations round islands	Tech. Rep. 200 Reprint CR 9(2)
70-44	Gonor, J., A. Thum, D. Evin	Inshore sea surface temperature and salinity conditions at Agate Beach, Yaquina Bay and Whale Cove, Oregon, in 1970	Data Rep. 45 AD 717 068

1971

71-1	Huyer, A., J. Bottero, J. Pattullo, R. Smith	A compilation of observations from moored current meters and thermographs Vol. V: Oregon continental shelf 31 July - 21 September 1969	Data Rep. 46 AD 726 445
71-2	Heinrichs, D.	More bathymetric evidence for block faulting on the Gorda Rise	Tech. Rep. 201 Reprint CR 9(2)
71-3	van Andel, T.H. G.R. Heath	Tectonics of the Mid-Atlantic Ridge, 6-8° South latitude	Tech. Rep. 202 Reprint CR 9(2)
71-4	Griggs, G.B., L.Kulm, A. Water, G. Fowler	Deep-sea gravel from Cascadia Channel	Tech. Rep. 203 Reprint CR 9(2)

71-5	Longuet-Higgins, M.S.	Longshore currents generated by obliquely incident sea waves, 1	Tech. Rep. 204 Reprint CR 9(1)
71-6	Longuet-Higgins, M.S.	Longshore currents generated by obliquely incident sea waves, 2	Tech. Rep. 205 Reprint CR 9(1)
71-7	Elliott, W.P.	The role of diffusion in closing artificially produced holes in clouds	Tech. Rep. 206 Reprint CR 9(2)
71-8	Wyatt, B., W. Gilbert	Surface temperature and salinity observations at Pacific Northwest shore stations during 1970	Data Rep. 47 AD 725 170
71-9	Quinn, W.H., D. Enfield	The development of forecast techniques for wave and surf conditions over the bars in the Columbia River mouth and at the entrance to Yaquina Bay	Final Report USDC Contract
71-10	Quinn, W.H.	Late Quaternary meteorological and oceanographic developments in the equatorial Pacific	Tech. Rep. 207 Reprint CR 10(2)
71-11	Fowler, G., L. Kulm	Foraminiferal and sedimentological evidence for uplift of the deep-sea floor, Gorda Rise, northeastern Pacific	Tech. Rep. 208 Reprint CR 9(2) AD 727 966
71-12	Hasse, Lutz	The sea surface temperature deviation and the heat flow at sea-air interface	Tech. Rep. 209 Reprint CR 10(2) AD 727 966
71-13	Pak, H., G. Beardsley, Jr., G.R. Heath, H. Curl	Light scattering vectors of some marine particles	Tech. Rep. 210 Reprint CR 9(2) AD 727 966
71-14	Blanton, J., J. Pattullo	The subsurface boundary between Subarctic Pacific Equatorial Water in the transition zone off southern California	Reprint CR 9(2)
71-15	Caldwell, D., W. Elliott,	Surface stresses produced by rainfall	Tech. Rep. 212 Reprint CR 10(2)
71-16	Quinn, W., D. Panshin, W.V. Burt	Method for measuring upper-level winds at sea from small ships	Reprint CR 9(2)
71-17	Longuet-Higgins, M.S.	On the spectrum of sea level at Oahu	Tech. Rep. 213 Reprint from J. Geophys. Res. 76(15):3517-3522
71-18	McCauley, J.E.	Ecological studies of radioactivity in the Columbia River estuary and adjacent Pacific Ocean	Progr. Rep. AEC Contract

71-19	Fowler, G., L. Kulm	Study of the continental margin off the state of Oregon	Progr. Rep. USGS Contract
71-21	Frolander, H., J. Flynn, S. Spring, S. Zimmerman, C. Miller	Yaquina Bay zooplankton survey	Data Rep. 48
71-22	Atlas, E., S. Hager, L. Gordon, P.K. Park	A practical manual for use of the Technicon® Autoanalyzer® in seawater nutrient analyses; revised	Tech. Rep. 215 AD 730 482
71-23	Wyatt, B., W. Gilbert, L. Gordon, D. Barstow	Hydrographic data from Oregon waters, 1970	Data Rep. 49 AD 735 904
71-24	van Andel, T.H., G.R. Heath, B. Malfait, D. Heinrichs, J. Ewing	Tectonics of the Panama Basin, eastern equatorial Pacific	Tech. Rep. 216 Reprint CR 10(1) AD 736 102
71-25	Pak, H., R. Zaneveld, G. Beardsley, Jr.	Mie scattering by suspended clay particles	Tech. Rep. 217 Reprint CR 10(2) AD 736 109
71-26	Carder, K., G. Beardsley, Jr., H. Pak	Particle size distributions in the eastern equatorial Pacific	Tech. Rep. 218 Reprint CR 10(2) AD 736 100
71-27	Hasse, L., V. Wagner	On the relationship between geostro- phic and surface wind at sea	Tech. Rep. 219 Reprint CR 10(2) AD 736 099
71-28	Pond, S.	Air-sea interaction	Tech. Rep. 220 Reprint CR 10(2) AD 736 098
71-29	Brownell, C., J. McCauley	Two new parasites (Protozoa: Telosporea) from the spatangoid- urchin <u>Brisaster latifrons</u>	Tech. Rep. 221 Reprint CR 10(2)
71-30	void	void	Tech. Rep. 222 (VOID)
71-31	Bodvarsson, G.	Approximation methods for equivalent strata	Tech. Rep. 223 Reprint CR 10(1)
71-32	Phelps, G.T., S. Pond	Spectra of the temperature and humidity fluctuations and of the fluxes of moisture and sensible heat in the marine boundary layer	Tech. Rep. 224 Reprint CR 10(2) AD 736 101

71-33	Pytkowicz, R.M.	On the apparent oxygen utilization and the preformed phosphate in the oceans	Tech. Rep. 225 Reprint CR 10(1)
71-34	Komar, P.	Nearshore cell circulation and the formation of giant cusps	Tech. Rep. 226 Reprint CR 10(1)
71-35	Curl, H., R. Iverson, H. O'Connors	Pelagic ecology of biological production in Auke Bay, Alaska	Final Report to National Marine Fisheries Ser. La Auke Bay, Alaska
71-36	Wyatt, B., D. Barstow, W. Gilbert	Drift bottle recoveries and releases off the Oregon coast 1961 through 1970	Data Rep. 50 AD 740 102
71-37	Lipparelli, M.A., G.F. Beardsley, Jr.,	The GEK signature of internal waves	Tech. Rep. 227 Reprint CR 10(2)
71-38 through 71-44 (VOID)		void	void
71-45	Bourke, R.H., B. Glenne, B. Adams	The nearshore physical oceanographic environment of the Pacific Northwest coast	Joint Report with Dept. Civil Engr. O.S.U.

1972

72-1	Carey, A., D. Hancock, R. Paul	Initial benthic survey of deep water munitions dump site "G" in the Northeast Pacific Ocean two years after dumping	Contract Rep. to Oceanographer of the Navy
72-2	Wyatt, B. W. Gilbert	Surface temperature and salinity observations at Pacific Northwest shore stations during 1971	Data Rep. 51 AD 740 103
72-3	Paulson, C.A., T.W. Parker	Cooling of a water surface by evaporation, radiation, and heat transfer	Tech. Rep. 229 Reprint 1972 AD 745 586
72-4	Korgen, B., G. Bodvarsson, R. Mesecar	Heat flow through the floor of Cascadia Basin	Tech. Rep. 230 Reprint CR 10(1) AD 745 620
72-5	Paquin, J.E., S. Pond	The determination of the Kolmogoroff constants for velocity, temperature and humidity fluctuations from second- and third-order structure functions	Tech. Rep. 231 Reprint CR 10(2) AD 745 587
72-6	Neal, V.T., S. Neshyba, W. Denner	Temperature microstructure in Crater Lake, Oregon	Tech. Rep. 232 Reprint CR 10(2) AD 745 589

72-7	Gordon, L., P.K. Park, S. Hager, T. Parsons	Carbon dioxide partial pressures in North Pacific waters - time variations	Tech. Rep. 233 Reprint CR 10(1) AD 745 588
72-8	Pond, S., G.T. Phelps, J.E. Paquin, G. McBean, R. Stewart	Measurements of the turbulent fluxes of momentum, moisture and sensible heat over the ocean	Tech. Rep. 234 Reprint CR 10(2) AD 737 451
72-9	Neshyba, S., V.T. Neal, W. Denner	Temperature and conductivity measurements under Ice Island T-3	Tech. Rep. 235 Reprint CR 10(2) AD 745 590
72-10	Neal, V.T., S. Neshyba, W. Denner	Thermal stratification in the Arctic Ocean	Tech. Rep. 236 Reprint CR 8 AD 745 621
72-11	Sakou, T., S. Neshyba	The temporal structure of oceanic motion off the Oregon coast, north- eastern Pacific, 1969	Tech. Rep. 237 Reprint 1972 AD 745 617
72-12	Neshyba, S., V.T. Neal	Spectra of internal waves: <u>in situ</u> measurements in a multiple-layered structure	Tech. Rep. 238 Reprint 1972 AD 745 603
72-13	Plutchak, N.	1970 TOTEM wind and current data	Data Rep. 52 AD 746 832
72-14	Wyatt, B., R. Tomlinson, W. Gilbert, L. Gordon, D. Barstow	Hydrographic data from Oregon waters, 1971	Data Rep. 53 AD 746 515
72-15	Komar, P.	Nearshore currents and the equilib- rium cusped shoreline	Tech. Rep. 239
72-16	Cutshall, N.	Ecological studies of radioactivity in the Columbia River estuary and adjacent Pacific Ocean	Progr. Rep. AEC Contract
72-17	Park, P.K., L.I. Gordon	A continuous P_{CO_2} measurement system	Tech. Rep. 240 AD 751 046
72-18	Plank, W.S., H. Pak, J.R. Zaneveld	Light scattering and suspended matter in nepheloid layers	Reprint 1972
72-19	Alvarez-Borrego, S., L. Gordon, L.B. Jones, P.K. Park, R. Pytkowicz	Oxygen-carbon dioxide-nutrients relationships in the southeastern region of the Bering Sea	Reprint 1972 AD 767 911
72-20	Zaneveld, R.J., H. Pak	Some aspects of the axially sym- metric submarine daylight field	Reprint 1972 AD 767 912

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| 72-21 | Huyer, A.,
J. Pattullo | A comparison between wind and current observations over the continental shelf off Oregon, Summer 1969 | Reprint 1972
AD 767 916 |
| 72-22 | Alvarez-Borrego S,
P.K. Park | AOU as indicator of water-flow direction in the central North Pacific | Reprint CR 10(1)
AD 767 914 |
| 72-23 | Wyatt, B.,
W.V. Burt,
J. Pattullo | Surface currents off Oregon as determined from drift bottle returns | Reprint 1972
AD 767 917 |

1973

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| 73-1 | Johnson, S.H.,
R. Couch,
M. Gemperle,
E. Banks | Seismic refraction measurements in Southeast Alaska and western British Columbia | Reprint 1972
AD 773 561 |
| 73-2 | Jeter, H.,
E. Foyn,
M. King,
L. Gordon | The expendable bathyoxymeter | Reprint 1972
AD 773 562 |
| 73-3 | Holton, R. | The development of methods for studying physical and biological processes in the nearshore | Progr. Rep.
Tri-Power
Contract |
| 73-4 | Paulson, C.A.,
E. Leavitt,
R.J. Fleagle | Air-sea transfer of momentum, heat, and water determined from profile measurements during BOMEX | Reprint 1972
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| 73-5 | Thresher, R.W.,
J.H. Nath | Anchor-last deployment procedure for Mooring | Progr. Rep.
ONR Contract |
| 73-6 | Huyer, A. | Vertical distributions of temperature, salinity, and sigma-T from observations from R/V YAQUINA during coastal upwelling experiment 1972 | Rep. to IDOE
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| 73-7 | Plank, W.S.,
J.J. Anderson,
H. Pak | Hydrographic, chemical, and optical observations from Legs 4 and 5, YALOC-71 | Data Rep. 54
AD 763 591 |
| 73-8 | Burt, W.V.,
D. Enfield,
R. L. Smith,
H. Crew | The surface wind over an upwelling area near Pisco, Peru | Reprint 1973
AD 773 564 |
| 73-9 | Zaneveld, J.R.V.,
H. Pak | Method for the determination of the index of refraction of particles suspended in the ocean | Reprint 1973
AD 773 565 |
| 73-10 | Cutchin, D.L.,
R.L. Smith | Continental shelf waves: Low frequency variations in sea level and currents over the Oregon continental shelf | Reprint 1973 |

73-11	Plank, W.	Observations of light scattering and suspended particulate matter off the Oregon coast, June - October 1972	Data Rep. 55 AD 767 729
73-12	Gaughan, M.K., P.D. Komar, J.H. Nath	Breaking waves: A review of theory and measurements	Research Paper
73-13	Neal, V.T., S. Neshyba	Microstructure anomalies in the Arctic Ocean	Reprint 1973
73-14	Tomlinson, R.D., L.I. Gordon	A sample changer for automated seawater nutrient analysis systems	Reprint 1973
73-15	Tomlinson, R.D., L. Barstow, D.R. Standley, S. Williams, L.I. Gordon, P.K. Park	Chemical data from Oregon waters, 1972	Data Rep. 56 AD 775 250
73-16	Terich, T.A., P.D. Komar	Development and erosion history of Bayocean Spit, Tillamook, Oregon	Research Paper
73-17	Gordon, L.I., P.K. Park, J.J. Kelley, D.W. Hood	Carbon dioxide partial pressures in North Pacific surface waters. 2. General late summer distribution	Reprint 1973
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73-20	Butler, J.L., W.G. Pearcy	Swimbladder morphology and specific gravity of Myctophids off Oregon	Reprint 1972 AD A 002 102
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73-22	Gonor, J.J.	Reproductive cycles in Oregon populations of the echinod, <u>Strongylocentrotus purpuratus</u> (Stimpson). II Seasonal changes in oocyte growth and in abundance of gametogenic stages in the ovary	Reprint 1973

THESES

THESES

<u>Name, Degree, Field</u>	<u>Title</u>
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1966

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1968

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1971

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1972

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