



COMMERCIAL FISHERIES REVIEW



A review of developments and news of the fishery industries
prepared in the BUREAU OF COMMERCIAL FISHERIES.

Joseph Pileggi, Editor

Address correspondence and requests to the: Chief, Branch of Market News, Bureau of Commercial Fisheries, U. S. Department of the Interior, Washington 25, D. C.

Publication of material from sources outside the Bureau is not an endorsement. The Bureau is not responsible for the accuracy of facts, views, or opinions contained in material from outside sources.

Although the contents of the publication have not been copyrighted and may be reprinted freely, reference to the source is appreciated.

Use of funds for printing this publication has been approved by the Director of the Bureau of the Budget, May 10, 1960.

5/31/63

CONTENTS

COVER: An artist's sketch of an aluminum research submarine, the Aluminaut, designed to explore the ocean at depths many times beyond the limit of existing subs. The Aluminaut will permit man to explore about 60 percent of the world's ocean floor--most of it for the first time (see Commercial Fisheries Review, February 1962 p. 33).

Page		Page		Page	
1	.Blue Crab Trawl Fishery of Georgia, by Robert Cummins, Jr., and Joaquim B. Rivers				
7	.Comparison of pH, Trimethylamine Content, and Picric Acid Turbidity as Indices of Iced Shrimp Quality, by Sammie Bethea and Mary E. Ambrose				
Page		Page		Page	
	TRENDS AND DEVELOPMENTS:		TRENDS AND DEVELOPMENTS (Contd.):		
	California:		Hawaii:		
11	.. Pelagic Fish Population Survey Continued	19	.. Skipjack Tuna Landings, January-December 1961		
12	.. Dungeness Crab Studies Continued		Industrial Products:		
13	.. Rockfish Tagging Studies Continued	19	.. Major Indicators for Fish Meal, Solubles, and Oil, December 31, 1961		
	Cans:	20	.. U. S. Fish Meal and Solubles--Production and Imports, January-November 1961		
13	.. Shipments for Fishery Products, January-November 1961		Maine Sardines:		
14	.. Aluminum-Alloy Cans	21	.. Canned Stocks, January 1, 1962		
	Federal Purchases of Fishery Products:		North Carolina:		
14	.. Department of Defense Purchases, 1961	21	.. "Sea Bed Drifters" Released Along North Carolina Shore		
15	.. Veterans Administration Requirements for Canned Fish from New Packs		Oregon:		
	Fish Bone Detection:	22	.. Chinook Salmon Eggs Planted in Coos River		
15	.. Automatic Bone Detection and Rejection System Feasible		Oysters:		
	Fish Oils:	22	.. Shellfish Mortality Conference		
16	.. Effect of Dietary Fish Oils on Blood Cholesterol	22	.. United States Commercial Fishery Landings, 1961		
16	.. Investigation of Chemical Compounds Causing Fishy Flavors and Odors	24	.. U. S. Production of Fish Sticks and Portions, 1961		
17	.. Applied Research on Effect of Components on Healing of Skin Lesions		U. S. Fishing Vessels:		
	Frozen Fish:	25	.. Documentations Issued and Cancelled, December 1961		
17	.. Microwave Thawing		U. S. Foreign Trade:		
	Gear:	26	.. Shrimp Imports, 1960-61		
17	.. Location of Detachable Cod Ends	26	.. United States Exports and Re-Exports of Frozen Shrimp to Japan, January-October 1961		
18	.. Great Lakes Fishery Investigations:	27	.. Imports of Canned Tuna in Brine Under Quota		
	Whitefish Spawning Survey in Apostle Islands Area of Lake Superior Continued	27	.. Edible Fishery Products, December 1961		
18	.. Gulf Fishery Investigations:				
19	.. Shrimp Distribution Studies				

Contents continued page II.

CONTENTS (CONTINUED)

Page		Page	
	TRENDS AND DEVELOPMENTS (Contd.):		FOREIGN (Contd.):
27 ..	Wholesale Prices, January 1962	44 ..	Japan (Contd.):
	Virginia:		Shrimp Factoryship Operation Planned in
28 ..	Scientists Forecast Decline in Blue Crab Fishery		Bering Sea in 1962
	FOREIGN:	45 ..	African Fishery Investments Sought
	International:	45 ..	Trawlers Fishing off South Africa
	Northwest Atlantic Fisheries Commission:	45 ..	Two Stern Trawlers Being Built
30 ..	Poland Adheres to Northwest Atlantic Fisheries Convention	46 ..	Government Asks for More Money for Fishery Regulations Enforcement
	International Pacific Salmon Fisheries Commission:	46 ..	Government Loans for Promotion on Export Trade
30 ..	Sockeye and Pink Salmon Fisheries Regulations in Convention Waters for 1962	46 ..	More Money for Sales Promotion of Food Products
	Pacific Science Congress:		Malaya:
31 ..	Tenth Congress Resolutions Include Several on Fisheries	47 ..	Joint Japanese-Malayan Tuna Canning Operation at Penang
	International Northwest Pacific Fisheries Commission:		Mexico:
32 ..	Soviet-Japanese Technical Talks End	50 ..	Severance Tax Changed on Some Shrimp Products
	International North Pacific Fur Seal Commission:	50 ..	Import Duties on Edible Fishery Products Increased
32 ..	Fifth Annual Meeting		Nicaragua:
	Marine Oils:	51 ..	Shrimp Fishery Trends
34 ..	Estimated World Production in 1962		Norway:
35 ..	Atomic-Propelled Marine Research Vessel	51 ..	Dismal Prospects for Winter Herring Fishery
	Canada:	51 ..	Fish Finder Has Limited Use in Tuna Fishery
35 ..	British Columbia Shucked Oyster Production, 1961		Peru:
35 ..	Brine Shrimp Industry in Saskatchewan	52 ..	Fish Meal Industry Trends
	Ceylon:	52 ..	Most Fish Meal Plants Reported Shut Down
36 ..	State Corporation for Fishing Industry Proposed	53 ..	Fish Meal Plants Operating Again
	Chile:		Philippines:
36 ..	United States \$5 Million Loan to Chile for Fishery Project Approved	53 ..	Government's Economic Reform Affects Fishery Products Imports
	Denmark:		Portugal:
37 ..	Fishing Limits Discussed by Fisheries Minister	53 ..	Canned Fish Pack, January-September 1961
	Faroe Islands:	54 ..	Canned Fish Exports, January-September 1961
37 ..	Fishery Factoryship Planned		Spain:
38 ..	Exports of Fresh, Frozen, and Salted Fish	54 ..	Tuna Fishing Industry
	German Federal Republic:		Sweden:
38 ..	Fish Oil Market	54 ..	Herring Boning Machine
38 ..	Fish Meal Prices, January 5, 1962		Taiwan:
39 ..	Government Aid for Fishing Industry	55 ..	Fishery Landings Continued to Increase in 1961
	Guinea:	55 ..	Night Fishing with Purse Seines Successful at Suao
40 ..	Market for Canned Sardines	55 ..	Loan for Construction of Tuna Long-Liners-- All articles under Taiwan are by T. P. Chen
	Iceland:		U. S. S. R.:
41 ..	Five Fish-Freezing Plants Form New Export Association	55 ..	Fishery Catch Sets New Record in 1961
41 ..	New Fish Pricing Board Established		United Kingdom:
42 ..	Frozen Herring Sales	56 ..	Export Combine Formed by Ten Leading Fish Processors
	Ivory Coast:	56 ..	Underwater Remote Control Camera Developed to Study Fish Behavior
42 ..	Japanese-Italian Joint Tuna Base Planned	57 ..	Information on London Trade Center and British Food Fairs for Exhibiting U. S. Fishery Products
	Japan:	58 ..	Fishery Loans Interest Rates Revised
42 ..	Producers Recommend 100,000-Ton Quota for Frozen Tuna Exports to U. S.		FEDERAL ACTIONS:
43 ..	Tuna Prices to Catcher Vessels in Mothership Fishery		Department of Commerce:
43 ..	Tuna Mothership Companies to Request Liberalization of Fishing Restrictions		Area Redevelopment Administration:
43 ..	Canned Tuna Sales for Export to United States	59 ..	Industrial Loan to Florida Canning Firm Approved
43 ..	Exports of Canned Tuna Specialty Packs		Department of Health, Education, and Welfare:
44 ..	Penang and Singapore Proposed as Tuna Transshipment Bases		Food and Drug Administration:
44 ..	Research Vessel to Explore Indian Ocean Tuna Resources	59 ..	Standard of Identity for Fish Flour Approved

Contents continued page III.

CONTENTS (CONTINUED)

<p>Page</p> <p>FEDERAL ACTIONS (Contd.): Department of Labor: Wage and Hour and Public Contracts Division: 62 .. Interpretive Bulletin Issued on Minimum Wage and Overtime for Fishing and Fish- ery Processing Department of the Treasury: Bureau of Customs: 76 .. Groundfish Fillet Import Tariff-Rate Quota for 1962 76 .. Eighty-Seventh Congress (Second Session) FISHERY INDICATORS: 80 .. Chart 1 - Fishery Landings for Selected States 81 .. Chart 2 - Landings for Selected Fisheries</p>	<p>Page</p> <p>FISHERY INDICATORS (Contd.): 82 .. Chart 3 - Cold-Storage Holdings and Freezings of Fishery Products 83 .. Chart 4 - Receipts and Cold-Storage Holdings of Fishery Products at Principal Distribu- tion Centers 83 .. Chart 5 - Fish Meal and Oil Production - U. S. and Alaska 84 .. Chart 6 - Canned Packs of Selected Fishery Products 85 .. Chart 7 - U. S. Fishery Products Imports RECENT FISHERY PUBLICATIONS: 86 .. Fish and Wildlife Service Publications 88 .. Miscellaneous Publications</p>
---	---



SOME USES FOR WHALE SPERM OIL

Researchers for a large oil refining firm have developed new uses for sperm whale oil. They found, among other things, that sperm oil is a good lubricant for engines because the viscosity changes very little at wide ranges in temperature. This also makes it valuable as a liquid in new fluid-drive transmissions. It does not dry like linseed or turn rancid like cottonseed oil. It can be processed in a number of different ways for different uses. It has high film strength and can loosen a rusted nut on a bolt in seconds. Jewelers pay about \$5 an ounce for the sperm oil they use to lubricate watches.

Sperm oil, which is more of a liquid wax than an oil, has become essential to a number of industries. It is used to impart a rich, glossy sheen to cosmetics such as facial creams. It gives softness and flexibility to leathers. In textiles, sperm oil lubricates the fibers to prevent unraveling as they are twisted into threads. It is used in detergents, wetting agents, fiber softeners, hand soaps, rust-proofing compounds, and scores of other products linked with the ever-growing chemical industry. (Maine Coast Fisherman, Vol. 11, No. 4, November 1956.)

Editorial Assistant--Ruth V. Keefe

Compositors--Jean Zalevsky, Alma Greene, Helen Paretti, and Raie Carron

* * * * *

Photograph Credits: Page by page, the following list gives the source or photographer for each photograph in this issue. Photographs on pages not mentioned were obtained from the Service's file and the photographers are unknown.

Pp. 20 & 23--F. B. Sanford and C. F. Lee; p. 32--V. B. Scheffer.