



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: Airplanes are being used by the United States commercial fisheries in various areas to locate concentrations of schooling fish. Aerial photo showing herring massed against the webbing of a stop seine the morning after the net had been set. Aircraft are sometimes used to examine the stop-seined area for the results of the previous night's fishing, to determine if the quantity of fish caught is worth moving into a seine pocket for holding. Location: entrance to New Harbor, Maine. (See p. 1 of this issue.)

Page		Page	
1	.. Aerial Fish Spotting in the United States Commercial Fisheries, by James L. Squire, Jr.		
8	.. Effects of Some Pesticides on Eggs and Larvae of Oysters (<i>Crassostrea virginica</i>) and Clams (<i>Venus mercenaria</i>), by Harry C. Davis		
	TRENDS AND DEVELOPMENTS:		TRENDS AND DEVELOPMENTS (Contd.):
	California:		Gulf Exploratory Fishery Program (Contd.):
24	.. Shrimp Study off California Coast Continued	31	.. Exploratory Shrimp Fishing in Selected Areas of North-Central Gulf of Mexico
24	.. Investigation of Abalone Resources Continued	32	.. Shrimp Trawl Operational Studies Continued
25	.. Pelagic Fish Population Survey Continued	32	.. Shrimp Tagging Near Dry Tortugas
	Central Pacific Fisheries Investigations:		Gulf Fishery Investigations:
25	.. New Research Vessel for Honolulu Biological Laboratory	33	.. Shrimp Fishery Program
	Federal Purchases of Fishery Products:	34	.. Estuarine Program
26	.. Department of Defense Purchases, January-August 1961	35	.. Industrial Fishery Program
27	.. Veterans Administration Awards on Canned Tuna and Salmon		Gulf of Mexico Fishing Industry:
	Fisheries Loan Fund:	36	.. Hurricane "Carla" Inflicts Heavy Damage Hawaii;
27	.. Loans Approved, July 1-October 31, 1961	37	.. Commercial Fishery Landings, July 1960-June 1961
	Fish Solubles:		Industrial Products:
28	.. Patent on Recovery of Fish Solubles		U. S. Fish Meal, Oil, and Solubles:
	Florida:	38	.. Production, January-September 1961
28	.. Fisheries Research, April-June 1961	39	.. Production and Imports, January-August 1961
	Fur Seals:		Marine Game Fish:
29	.. Prices for Alaska Skins Drop at Fall Auction	40	.. Research Aided by Loan of Vessel
	Great Lakes Fishery Investigations:		Marketing:
29	.. Lake Erie Fish Population Survey Continued	40	.. Edible Fishery Products Prospects, Winter 1961/62
30	.. Lake Michigan Fish Population Survey Continued		North Atlantic Fisheries Exploration and Gear Research:
	Gulf Exploratory Fishery Program:	41	.. Midwater Trawling Operations Completed for 1961
31	.. Experimental Midwater Trawl Tested and Compared with British Columbia Type		

Contents continued page II.

CONTENTS (CONTINUED)

Page		Page	
	TRENDS AND DEVELOPMENTS (Contd.):		FOREIGN (Contd.):
	North Atlantic Fisheries Investigations:		International (Contd.):
41 ..	Groundfish Survey off New England		Organization for Economic Cooperation and Development:
42 ..	North Pacific Exploratory Fishery Program:	60 ..	OECD Replaces Organization for European Economic Cooperation
	Exploratory Trawling for Bottom Fish in Gulf of Alaska	61 ..	United States-Canada St. Croix River Basin Project Includes Restoration of Anadromous Fish Runs
	Oysters:		Food and Agriculture Organization:
42 ..	Delaware Bay Survival Improved	61 ..	World Tuna Congress for 1962 Planned
42 ..	Use of Grounds in Low-Salinity Water Urged Pacific Coast:	62 ..	Forum on Research Vessels Held in Japan
43 ..	Field Hearings Held on Fishery Problems Pacific Ocean:		United Nations Conference of New Sources of Energy:
43 ..	Discovery of 34 Seamounts Under Pacific Reported	63 ..	Solar Drying Devices Could Save Money in Fishing and Farming
	Pollution:		Australia:
45 ..	Maritime Administration Attacks Oil Pollution of the Seas	63 ..	Fishing Vessel Chartered by Government to Survey Tuna Resources
	Shrimp:	64 ..	Modern Pilchard Purse-Seine Gear Introduced
46 ..	United States Landings and Stocks Down	64 ..	Commonwealth Fisheries Council Formed
46 ..	United States Shrimp Supply Indicators as of November 2, 1961		Burma:
	South Atlantic Exploratory Fishery Program:	67 ..	Import Duty Rates on Fishery Products Increased
47 ..	Fish and Shellfish Exploration off Georgia and Florida Continued		Canada:
	Sport Fishery:	67 ..	New Brunswick Fish Meal Prices, September 1961
47 ..	Pacific Marine Sport Fishery Research	68 ..	Synthetic Monofilament Gill Nets Banned in British Columbia Salmon Fishery in 1962
	Striped Bass:		Curacao:
48 ..	Chesapeake Bay Five-Year Migration Study	68 ..	Japanese Fish Cannery Planned for Free Zone
	Tuna:		Denmark:
48 ..	California Ex-Vessel Prices Advance for the Third Time in 1961	68 ..	Fishery Trends, January-August 1961
49 ..	California Ex-Vessel Prices Advance for the Fourth Time in 1961	69 ..	Fish Fillets and Blocks and Fishery Byproducts Exports, January-August 1961
49 ..	California Bluefin Ex-Vessel Price also Advanced		Ecuador:
49 ..	California Canned Tuna Wholesale Prices Increase	69 ..	Import Duty on Fish Nets and Twine Lowered
49 ..	Two Additional Canned Products Introduced		Fiji Islands:
50 ..	U. S. Fishery Landings, January-August 1961	69 ..	Tuna Fishing Base Planned
	U. S. Fishing Vessels:		German Federal Republic:
51 ..	Documents Issued and Cancelled, August 1961	70 ..	Fish Meal Prices, October 6, 1961
	U. S. Foreign Trade:		Guatemala:
52 ..	Edible Fishery Products, August 1961	71 ..	Joint Japanese-Guatemala Shrimp Base Starts Operations
52 ..	United States Exports and Re-Exports of Frozen Shrimp to Japan, January-July 1961		Iceland:
52 ..	Imports of Canned Tuna in Brine Under Quota	71 ..	Shrimp Industry
53 ..	U. S. Production of Fish Sticks and Portions, July-September 1961	72 ..	Fishery Landings, January-June 1961
54 ..	Wholesale Prices, October 1961	72 ..	Icelandic Production of Processed Fishery Products and Byproducts, January-June 1961
	FOREIGN:		India:
56 ..	Principal Species of Commercial Shrimp in Argentina, by Enrique E. Boschi	72 ..	Fisheries Management Institute
	International:		Ivory Coast:
	International Pacific Halibut Commission:	72 ..	Fishing Industry Expands
58 ..	All Regular North Pacific Halibut Fishing Ended October 1, 1961		Japan:
	International North Pacific Fisheries Commission:	73 ..	New Canned Tuna Products Sales Smaller Than Anticipated
58 ..	Japanese Press Comments on Meeting of Commission	73 ..	Pack of Canned Tuna in Brine by Can Sizes, 1960
	International Council for the Exploration of the Sea:	73 ..	Frozen Tuna Exports to United States, April-September 1961
59 ..	Forty-Ninth Statutory Meeting	74 ..	Frozen Tuna Shipments, April-September 1961
	Oceanography:	74 ..	Frozen Tuna Export Quotas and Sales Procedure Changes Considered
59 ..	Intergovernmental Oceanographic Commission Meets.	75 ..	Frozen Tuna Deliveries to Yugoslavia Expected to Drop
	International Association of Fish Meal Manufacturers:	75 ..	New Regulations on Frozen Tuna Landings and Transshipments
59 ..	Second Annual Conference		

Contents continued page III.

CONTENTS (CONTINUED)

Page	FOREIGN (Contd.):	Page	FOREIGN (Contd.):
	Japan (Contd.):		U. S. S. R.:
76 ..	Restrictions on Portable-Vessel-Carrying Tuna Motherships Relaxed	89 ..	Fishing Operations in Bering Sea
77 ..	Study of Pole-and-Line Skipjack Fishery Under Way	90 ..	Northeastern Pacific Fishery Research
77 ..	Imports of Certain Marine Products Liberalized	90 ..	Northwestern Atlantic Fisheries
78 ..	Tuna Imports Liberalized	90 ..	Whale Oil Sold to Western Europe
79 ..	Unlicensed Tuna Vessels May be Registered Under Foreign Flag	90 ..	Mothership with Almost 4 Million Pounds of Herring
79 ..	Shrimp Industry and Market Trends	90 ..	North Pacific Whaling
80 ..	Yaizu Fishery Landings, September 1961	91 ..	Marine Studies Centered at Sevastopol
80 ..	Canned Sardine Exports, April-September 1961		Yemen:
81 ..	Salmon Predation by Sharks Studied	91 ..	Fishing Industry
81 ..	Two Fish Meal Factoryships Exceed Quotas		FEDERAL ACTIONS:
81 ..	Experimental King Crab Factoryship in Bering Sea		Department of Health, Education, and Welfare:
82 ..	Industry Hopes to See Waters South of Alaska Peninsula Opened to Fishing		Food and Drug Administration:
	Kuwait:	92 ..	Use of Sodium Nitrite in Smoked Cured Tuna and Salmon Products
82 ..	Persian Gulf Fishing Industry	92 ..	Use of Sodium Nitrite in Canned Pet Food Containing Fish and Meat
	Libya:	92 ..	Food Additives Orders on Use of Red Seaweed Extracts in Foods
83 ..	Bureau for Fisheries Affairs Set Up		Department of the Interior:
	Mexico:		Bureau of Land Management:
84 ..	Guymas Shrimp Fishery Trends, 1960/61 Season	93 ..	Mineral Leases in New Areas of Gulf of Mexico Outer Continental Shelf
84 ..	Fish Landings at Veracruz Reported Light		U. S. Tariff Commission:
	Nigeria:	93 ..	Hearing on Proposed First Supplemental Report Relating to Tariff Classification Study
85 ..	Fishery Landings, 1960		Department of the Treasury:
	Peru:		Coast Guard:
85 ..	Industry to Manufacture Fish Flour	93 ..	Amended Vessel Inspection Regulations Issued
85 ..	Growth of the Fishing Industry, 1955-1960	93 ..	Eighty-Seventh Congress (First Session)
87 ..	Anchovy Landings January-June 1961 Set New Record		FISHERY INDICATORS:
	Philippine Republic:	95 ..	Chart 1 - Fishery Landings for Selected States
87 ..	Inland Fishing Research Project	96 ..	Chart 2 - Landings for Selected Fisheries
	Portugal:	97 ..	Chart 3 - Cold-Storage Holdings and Freezings of Fishery Products
87 ..	Sardine Fishery Trends	98 ..	Chart 4 - Receipts and Cold-Storage Holdings of Fishery Products at Principal Distribution Centers
	Sierra Leone:	98 ..	Chart 5 - Fish Meal and Oil Production - U. S. and Alaska
87 ..	Fisheries Loan and Credit Fund	99 ..	Chart 6 - Canned Packs of Selected Fishery Products
	South Africa Republic:	100 ..	Chart 7 - U. S. Fishery Products Imports
88 ..	Pilchard-Maasbanker Fishery Industry, January-June 1961		RECENT FISHERY PUBLICATIONS:
88 ..	Indian Ocean Research	101 ..	Fish and Wildlife Service Publications
	Spain:	103 ..	Miscellaneous Publications
88 ..	Vigo Fisheries Trends, Third Quarter 1961		
	Sweden:		
89 ..	Two Largest Fish Canneries Plan Merger		

□□□□□□□□

Editorial Assistant--Ruth V. Keefe

Compositors--Jean Zalevsky, Alma Greene, and Helen Parette

* * * * *

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.

Cover & p. 4, fig. 4--J. L. Squire, Jr. & K. A. Smith; p. 3--J. L. Squire, Jr.; p. 4, fig. 3, & p. 5--K. A. Smith; p. 33--Biological Laboratory, Galveston, Tex.; pp. 36-37--Clinton E. Nickerson, Aransas Pass, Tex.; pp. 38, 46, & 51--F. B. Sanford & C. F. Lee; p. 41--Expl. Fish. & Gear Res. Base, Gloucester, Mass.; p. 44--Coast & Geodetic Survey; p. 81--Consulate General of Japan, N. Y.; p. 84--FAO photo; pp. 68 & 85--J. O. Tranug, FAO; p. 91--H. Kristjonsson, FAO.