



# 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: Cod end of fish trawl being hauled aboard the U. S. Bureau of Commercial Fisheries exploratory fishing vessel *Silver Bay*. Catches consisted of snapper, grouper, and related species. They were caught along the southeastern coast of the United States. (See pp. 1-7 of this issue.)

Page	
1	.. Snapper Trawling Explorations Along the Southeastern Coast of the United States, by Robert Cummins, Jr., Joaquim B. Rivers, and Paul Struhsaker
8	.. The United States Fishing Industry and the European Common Market, by Harold E. Crowther and Arthur M. Sandberg
14	.. Hydraulic Press for Laboratory Preparation of Fish Press Cake, by Lynne G. McKee and Richard W. Nelson

Page	TRENDS AND DEVELOPMENTS:
	Alaska:
17	.. Bristol Bay Approaches Ruled Alaska Territorial Waters
17	.. Russian Whaling Near Kodiak
17	.. Salmon Pack in 1962 Largest in Ten Years
17	.. Kodiak Area Salmon Catch
18	.. Shrimp Catch Up in 1962
18	.. Herring 1962 Season Successful
	Alaska Fisheries Exploration and Gear Research:
18	.. Chartered Trawler Begins Exploratory Bottom Fishing in Southeastern Alaska
18	.. Stocks of Shrimp Located Near Prince William Sound
	Alaska Fisheries Investigations:
20	.. Pink Salmon Studies
20	.. Red Salmon Studies in Bristol Bay-Naknek River System
21	.. Yukon River Salmon Research
21	.. Herring Research
21	.. King Crab Research
21	.. Maiden Voyage of New Oceanographic Research Vessel

Page	TRENDS AND DEVELOPMENTS (Contd.):
	American Samoa:
21	.. Training Program for Samoans to Learn Long-Line Tuna Fishing
	California:
22	.. Midwater Trawling for Salmon Fingerlings Continued
22	.. Pelagic Fish Population Survey Continued
25	.. Abalone Growth Studies Conducted for Commercial and Sport Fishery
	Cans--Shipments for Fishery Products:
27	.. January-August 1962
28	.. By Areas, January-June 1962 and 1961
	Central Pacific Fisheries Investigations:
28	.. Tuna Studies in South Pacific Continued
30	.. Fish Behavior Near Floating Objects Studied
31	.. Fish Behavior Studied on First Raft Expedition
	Fish Protein Concentrate:
33	.. National Academy of Sciences Spurs Interior Department Research
	Fur Seals:
33	.. Five Firms Seek United States Government Seal-skin Processing Contract

Contents continued page II.

## CONTENTS (CONTINUED)

Page

## TRENDS AND DEVELOPMENTS (Contd.):

- Great Lakes Fisheries Exploration and Gear Research:
- 34 .. Trawl Fishing Investigation in Lake Erie
- Great Lakes Fishery Investigations:
- 36 .. Lake Erie Fish Population Survey Continued
- 36 .. Dredge Performance Tested for Bottom Studies in Southern Lake Michigan
- 37 .. Lake Trout Distribution Studies in Western Lake Superior Continued
- Gulf Exploratory Fishery Program:
- 37 .. Shrimp Marking Study in Gulf of Mexico
- 38 .. Electrical Field Experiments and Shrimp Burrowing Behavior Observations in Gulf of Mexico
- Gulf Fishery Investigations:
- 38 .. Shrimp Fishery Program
- 40 .. Behavior Program
- 41 .. Estuarine Program
- 41 .. Industrial Fishery Program
- 42 .. Shrimp Distribution Studies
- Industrial Fishery Products:
- Fish Meal, Oil, and Solubles:
- 43 .. U. S. Production, September 1962
- 44 .. How Much Fish Meal Should Broiler Rations Contain for Best Results
- 44 .. More Fish Meal and Oil in Animal Mixed Feeds Encouraged
- Inventions:
- 45 .. New Outboard Motor Tilting Device Patented
- 45 .. New Fish Lure Patented
- 45 .. New Lifeboat Launching Device Patented
- Massachusetts:
- 46 .. New Marine Fisheries Advisory Commission
- Michigan:
- 46 .. Lake Trout Planted in Six Lakes
- Middle Atlantic States:
- 46 .. Fishery Landings, 1961
- Missouri:
- 47 .. Fisheries Research Unit for Missouri University
- New England:
- 48 .. Fisheries, 1961
- Ohio River Basin:
- 48 .. Water Quality Management Plan for Upper Ohio River Basin
- Salmon:
- 49 .. Interior Department to Intervene in New Don Pedro (Calif.) Reservoir Project Hearing
- Shrimp:
- 49 .. United States Shrimp Supply Indicators, October 1962
- Tuna:
- 50 .. Pack in United States and Territories in 1962 at Record High
- 50 .. Bluefin Tagged off California
- 50 .. Shark-Tuna Relationships in Eastern Pacific Under Study
- United States Fisheries:
- 50 .. Commercial Fishery Landings, January-October 1962
- 51 .. Fish Sticks and Portions Production, July-September 1962
- U. S. Fishing Vessels:
- 53 .. Documentations Issued and Cancelled, September 1962
- U. S. Foreign Trade:
- 53 .. Imports of Canned Tuna in Brine Under Quota

Page

## TRENDS AND DEVELOPMENTS (Contd.):

- U. S. Foreign Trade (Contd.):
- 53 .. Edible Fishery Products, September 1962
- Wholesale Prices:
- 54 .. Edible Fish and Shellfish, October 1962
- FOREIGN:
- International:
- General Agreement on Tariffs and Trade:
- 56 .. Twentieth Session of Contracting Parties
- Europe:
- 56 .. West European Fishery Conference Held in Goteborg
- 57 .. Scandinavian and British Fisheries Associations Meet
- Food and Agriculture Organization:
- 57 .. Asiatic Fresh-Water Shrimp Culture Experiments Successful
- 58 .. FAO Requests Funds for Central America Fishing Industry Study
- International Association of Fish Meal Manufacturers:
- 58 .. Report on Third Annual Conference
- Intergovernmental Oceanographic Commission:
- 60 .. Results and Recommendations of Second Session
- Indo-Pacific Fisheries Council:
- 60 .. Tenth Session Held in Seoul
- Fish Meal:
- 61 .. World Production, August 1962
- Argentine Republic:
- 61 .. Joint Japanese-Argentine Tuna Fishing Venture
- Australia:
- 61 .. Western Australia Begins Export of Shrimp
- 62 .. Fisheries Research, Development, and Administration Discussed
- 62 .. Tagging Results in Australian Waters
- Brazil:
- 63 .. New Shrimp Processing and Exporting Company
- Canada:
- 64 .. Frozen Fish Trade Mission to Europe
- 64 .. Price Disagreement Ties Up British Columbia Herring Fleet
- 64 .. New Research Vessel C. B. Reed Launched
- 65 .. Pacific Salmon Tagging
- Ceylon:
- 65 .. Fishery Trends and Foreign Investment Possibilities
- Chile:
- 66 .. Fisheries Trends, September 1962
- Denmark:
- 67 .. Fish Fillets and Blocks and Fishery Industrial Products Exports, January-August 1962
- 67 .. U. S. May Get Fillets Formerly Sold to East Germany
- 68 .. Fishery Exports, January-August 1962
- 68 .. Fish-Reduction Plant Odor Control Studied
- 68 .. Fishery Landings in Danish Ports, January-August 1962
- Fiji Islands:
- 69 .. Tuna Base Approved by Japanese Government
- 69 .. Fisheries Division to be Established
- Ghana:
- 69 .. Economic Cooperation with Japan
- 69 .. Six Fishing Vessels to be Purchased from Japan

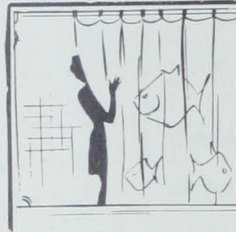
Contents continued page III.

## CONTENTS (CONTINUED)

Page	FOREIGN (Contd.):	Page	FOREIGN (Contd.):
	Ghana (Contd.):		Mozambique:
70 ..	Soviets Land Fish in Ghana	80 ..	Seeks Joint Fishing Venture with Japan
70 ..	Soviets to Deliver Fishing Vessels		Nigeria:
70 ..	Ghanaian Fishermen Trained to Use Purse Seines	80 ..	Poland Sends Factory Trawler to Nigeria
	Greece:		Norway:
70 ..	Outboard Motors Donated to Greek Fishermen	80 ..	Tuna Landings as of September 9, 1962
	Iceland:	80 ..	Herring Fishery Trends, September 1962
70 ..	Fisheries Trends, Late September 1962	81 ..	Fishery Sales Organization's Sales and Exports Set Records
	Japan:	81 ..	Nearly All Ex-Whalers Have Shore Jobs
71 ..	Price Drop in August 1962 for Frozen Tuna Exports to U. S.	81 ..	New Norwegian Stern Trawler <u>Hekktind</u>
71 ..	Status of Frozen Yellowfin Tuna Export Quota		Peru:
71 ..	Frozen Tuna Exports to U. S. Direct from Japan, April-September 1962	83 ..	Exports of Principal Marine Products, January-June 1962
72 ..	Frozen Tuna Exports to Italy	83 ..	Fish Meal Marketing Organization Gains Legal Control Over Peruvian Fish Meal Exports
72 ..	Exports of Frozen Tuna to the United States, 1961	83 ..	Government's New Procedures for Fish Meal Plant Licenses
72 ..	Exports of Frozen Tuna and Canned Tuna in Brine, FY 1961		Ryukyu Islands:
72 ..	Eleventh Sale of Canned Tuna in Brine for Export to U. S.	84 ..	Tuna Fishing Trends
73 ..	Exports of Canned Tuna in Oil, April-July 1962		South Africa Republic:
73 ..	Exports of Canned Tuna in Oil, April-August 1962	84 ..	New Direct Shipping Point for Fish Meal
73 ..	Exports of Canned Fishery Products, January-March 1962	84 ..	Participation in Indian Ocean Research
74 ..	Canned Tuna in Oil Market in Europe Weakens		Spain:
74 ..	Tuna Vessel Operations in Atlantic Ocean, October 1962	84 ..	Bilbao Tuna Fisheries Trends, Third Quarter 1962
74 ..	Research Vessel to Survey Eastern Pacific Ocean Tuna Resources		Tunisia:
74 ..	Tuna Ex-Vessel Prices at Tokyo	85 ..	Territorial Waters Extended
75 ..	New Regulations for Portable-Vessel-Carrying Tuna Motherships		U. S. S. R.:
75 ..	Four Japanese Firms to Use Class Two Tuna Motherships with Portable Vessels	85 ..	Fishery Exploration in Bering Sea
75 ..	Tuna Mothership Operation in Indian Ocean	85 ..	Fishing Fleet Expansion and 1961 Catches
76 ..	Yaizu Fishery Landings, January-August 1962	85 ..	Stern Trawler Returns from West Africa
76 ..	Frozen Tuna Heads Exported for Bait	85 ..	Two-Boat Trawl Used in North Atlantic
76 ..	Frozen Halibut Export Trends, August 1962		United Kingdom:
76 ..	Canned Jack Mackerel Sales, April-September 1962	85 ..	Fishery Studies by Humber Laboratory
77 ..	United States-Japan Agree on Sanitation Standards for Fresh or Frozen Oysters		FEDERAL ACTIONS:
77 ..	Stern Trawler Departs for West African Waters		Department of Commerce:
	Republic of Korea:		Area Redevelopment Administration:
77 ..	Korean Group Visits Italy to Implement Loan to Build Fishing Vessels	87 ..	Industrial Loan to Fishery Firm in Washington State Approved
	Lebanon:		Department of Health, Education, and Welfare:
77 ..	Fisheries Trends		Food and Drug Administration:
	Malaya:	87 ..	Survey of State and Local Food and Drug Laws
78 ..	Joint Japanese-Malayan Cannery Reported Packing Tuna in Brine		Public Health Service:
	Mexico:	88 ..	Shellfish Sanitation Centers to be in Operation in 1963
78 ..	Shrimp Fishery Trends, August-September 1962		Department of the Interior:
	Morocco:	88 ..	United States Strives to Rehabilitate Its Fishing Industry
79 ..	Territorial Waters Extended		Fish and Wildlife Service:
79 ..	Frozen Sardine Exports to France to be Resumed	88 ..	Bureau of Commercial Fisheries:
			New Assistant Regional Director Appointed for Great Lakes and Central Region
			Sport Fisheries and Wildlife:
		89 ..	Two Fishery Research Stations Dedicated
			Department of Labor:
			Wage and Hour and Public Contracts Divisions:
		89 ..	Expiration Date Extended on Handicapped Worker Certificates Issued to Shellfish Industry
		89 ..	Conditions Governing Employment of Learners at Subminimum Wage Rates
			U. S. Tariff Commission:
		90 ..	Proposed Changes in Import Tariff Schedules Include Frozen Fish Blocks and Monofilament Gill Nets

## CONTENTS (CONTINUED)

Page		Page	
	FEDERAL ACTIONS (Contd.):		FISHERY INDICATORS (Contd.):
	Treasury Department:	96 ..	Chart 4 - Receipts and Cold-Storage Holdings of Fishery Products at Principal Distribution Centers
	Coast Guard:	96 ..	Chart 5 - Fish Meal and Oil Production - U. S. and Alaska
90 ..	Amended Federal Regulations for Port Security Cards	97 ..	Chart 6 - Canned Packs of Selected Fishery Products
91 ..	Eighty-Seventh Congress (Second Session)	98 ..	Chart 7 - U. S. Fishery Products Imports
	FISHERY INDICATORS:		RECENT FISHERY PUBLICATIONS:
93 ..	Chart 1 - Fishery Landings for Selected States	99 ..	Fish and Wildlife Service Publications
94 ..	Chart 2 - Landings for Selected Fisheries	102 ..	Miscellaneous Publications
95 ..	Chart 3 - Cold-Storage Holdings and Freezings of Fishery Products		



## ORIGIN OF MAINE SARDINE CANNING INDUSTRY

"Sardines were first packed at Nantes, France, in 1834, and by 1860 a fairly good market had been created for French sardines in this country. Efforts were made to establish an American industry in 1871, utilizing youngmenhaden as raw material. In 1877 Julius Wolff began canning small herring at Eastport, Me., and is credited with starting the first really successful American sardine cannery. In a few years a large number of sardine canners were operating in northern Maine and nearby Canada."

--"Principles and Methods in the Canning of Fishery Products,"  
Research Report No. 7 (page 3),  
U. S. Fish and Wildlife Service.

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.

Cover & p. 6--J. B. Rivers, Brunswick, Ga.; p. 4--P. J. Struhsaker, Brunswick, Ga.; p. 17 (upper right)--Alaska Dept. of Fish & Game, (lower right)--F. Hipkins; p. 18--V. L. Fortin; pp. 30 & 32--Biological Laboratory, Honolulu, Hawaii; pp. 47 & 69--A. W. Anderson, U. S. Regional Fisheries Attache for Europe; pp. 51 & 54--F. B. Sanford and C. F. Lee; pp. 57 & 66 (lower right)--FAO; p. 66 (upper right)--United Nations; p. 76--Consulate General of Japan, N. Y.