



COMMERCIAL FISHERIES REVIEW



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

Joseph Pileggi, Editor
H. M. Bearse, Assistant Editor

Mailed free to members of the fishery and allied industries. 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.

The printing of this publication has been approved by the Director of the Bureau of the Budget, May 21, 1957. 5/31/60

CONTENTS

COVER: On the British Columbia coast of Canada, herring churning in a purse-seine net as it is drawn tighter to concentrate the fish for brailing.

Page		Page	
1	.. Results of Exploratory Shrimp Fishing off Washington and Oregon (1958), by Dayton L. Alverson, Richard L. McNeely, and Harold C. Johnson		
12	.. Fish and Fur Human Consumption, by June H. Olden		
19	.. Sanitation Aboard Fishing Trawlers Improved by Using Chlorinated Sea Water, by Arvey H. Linda and Joseph W. Slavin		
24	.. RESEARCH IN SERVICE LABORATORIES:		
24	.. Ocean Perch Filleting Machine Successfully Fillets Yellow Perch	38	.. TRENDS AND DEVELOPMENTS (Contd.):
25	.. Laboratory Work on Frozen Salmon Steak Standard Completed		.. Great Lakes Fishery Investigations (Contd.):
26	.. TRENDS AND DEVELOPMENTS:	38	.. Western Lake Erie Biological Research Continued (M/V <u>George L.</u> Cruise 8)
26	.. Alaska:	38	.. Western Lake Superior Fishery Survey Continued (M/V <u>Siscowet</u> Cruise 8)
26	.. Hearing on Commercial Fishery Regulations for 1960	39	.. Gulf of Mexico Gear Research Program: Shrimp-Trawl Underwater Performance Studies Continued (M/V <u>George M. Bowers</u> Cruise 24)
26	.. American Samoa:		.. King Crab:
26	.. Tuna Landings, January-October 1959	39	.. United States and Japan to Expand King Crab Research in Bering Sea
26	.. California:		.. Lenten Promotion:
26	.. Pelagic Fish Population Survey off Coast of Southern and Central California Continued (M/V <u>Alaska</u> Cruise 59A7, and Airplane Spotting Flights 59-15 and 59-16)	39	.. "It's Fish 'n' Seafood Time" Will be Theme for 1960
28	.. Barracuda and White Sea Bass Survey off Southern California Coast Continued (M/V <u>N. B. Scofield</u> Cruise 59S6)	39	.. Maine Sardines:
29	.. Radioactive Contamination in Fish and Shellfish to be Monitored	39	.. Sardines Offered for Studies on Effect of Cholesterol Buildup as Cause of Heart Attacks
	.. Canned Fish:	40	.. Marketing Surveys to Improve and Expand Markets for Fishery Products
29	.. Consumer Purchases, September 1959	40	.. National Fish Week:
30	.. Cans--Shipments for Fishery Products, January-August 1959	41	.. "Fish for Health" Message Broadcast by Assistant Secretary
	.. Central Pacific Fisheries Investigations:	41	.. "Fish 'N' Sea Food Parade" Participation by U. S. Bureau of Commercial Fisheries
30	.. Skipjack Tuna Behavior Studies off Hawaii Continued (M/V <u>Charles H. Gilbert</u> Cruise 46)		.. North Atlantic Fisheries Exploration and Gear Research:
31	.. Studies Show Separate Stocks of Albacore Tuna North and South of the Equator in Central Pacific Ocean Consumption:	42	.. Electrical Trawl-Fishing Tests Observed with Underwater Television (M/V <u>Cape May</u>)
32	.. Survey of Fish Consumption in Public Eating Places Completed	42	.. North Atlantic Fishery Investigations:
	.. Federal Purchases of Fishery Products:	42	.. Survey of Stocks of Juvenile Haddock on Georges Bank and Vicinity Completed (M/V <u>Delaware</u> Cruises 12 and 13)
33	.. Department of Defense Purchases, January-October 1959		.. North Pacific Fishery Program:
34	.. Federal Aid Funds for Sport Fish and Wildlife Restoration Allotted to States for Fiscal Year 1960	43	.. Exploratory Shrimp Fishing off Central Alaska (M/V <u>John N. Cobb</u> Cruise 44)
	.. Fish Flour:		.. Oysters:
34	.. Potential Commercial Value	44	.. Effect of Copper Barriers on Oyster Meats Studied
	.. Fishways:	44	.. Production on Atlantic Coast in 1959/60 May Hit New Low
35	.. Problems of Passage of Fish over Oxbow Dam Discussed at Conference	45	.. United States Oyster Production, 1958 with Comparisons
	.. Great Lakes:		.. Salmon:
35	.. Lake Superior Advisory Committee Reports on Fishery Trends	45	.. Alaska's 1959 Salmon Pack Low, But Escapement Fair
	.. Great Lakes Fisheries Exploration and Gear Research:	45	.. Bristol Bay Red Salmon Run Prediction for 1960
36	.. Lake Erie Exploratory Smelt Fishing		.. South Atlantic Exploratory Fishery Program:
36	.. Experimental Trawling for Smelt in Lake Erie Yields Commercial Quantities (M/V <u>Active</u> Cruise 6)	46	.. Exploratory Trawling Survey off South Carolina and Georgia Coasts (M/V <u>Silver Bay</u> Cruise 19)
	.. Great Lakes Fishery Investigations:		.. Spotted Sea Trout:
37	.. Survey of Eastern Lake Superior Continued (M/V <u>Cisco</u> Cruises 7 and 8)	47	.. Tagging to Determine Growth Rates and Migration Standards:
		48	.. Two Hearings Held on Frozen Salmon Steak Standards

CONTENTS (CONTINUED)

Page	TRENDS AND DEVELOPMENTS (Contd.):	Page	FOREIGN (Contd.):
	Striped Bass:		Japan (Contd.):
48 ..	Good Fishing Predicted for Potomac River and Chesapeake Bay in 1960	72 ..	Building of Replacement Fishing Vessels Stepped Up
	Tuna:	73 ..	Canned Salmon Sales Trends
49 ..	Purse Seining for Tuna off Massachusetts in 1959 Successful	73 ..	Exports of Selected Fishery Products to the United States, January-June 1959
	United States Fishing Fleet Additions:	74 ..	Marine-Animal Oil Exports, Supply, and Utilization
49 ..	August 1959		Korea:
50 ..	September 1959	74 ..	Fishing Industry Suffers Severe Damage from Typhoon
50 ..	United States Fishery Landings, January-September 1959	75 ..	Fishing Industry Equipment Listed for Duty-Free Entry
	U. S. Foreign Trade:		Libya:
51 ..	Edible Fishery Products, September 1959	75 ..	Tuna Landings Up for 1959 Season
52 ..	Groundfish Fillet Imports, October 1959		Malaya:
52 ..	Imports of Canned Tuna in Brine Under Quota	76 ..	Fishery and Whale Products Proposed for Pioneer Status
52 ..	U. S. Imports and Exports of Selected Fishery Products, January-September 1959		Mexico:
	Virginia:	76 ..	Export Duties on Fishery Products Changed Effective August 8, 1959
53 ..	Biologists Estimate Sport Fishery Catch in Chesapeake Bay	78 ..	Export Duties Increased on Red Snappers, Turtles, and Crayfish
54 ..	Large-Scale Blue Crab Tagging Program Under Way	78 ..	Merida Area Shrimp Fishery Trends, July-September 1959
55 ..	Wholesale Prices, November 1959	78 ..	Shrimp Fisheries Trends, October 1959
57 ..	FOREIGN:		Morocco:
	International:	79 ..	Fishing Vessels and Gear
	European Free Trade Area:	80 ..	Sardine Fishery Trends, Third Quarter 1959
57 ..	British-Norwegian Fish Talks Break Down		Netherlands:
57 ..	First South American Atlantic Regional Technical Conference on Exploitation of the Sea	80 ..	Antarctic Whaling Fleet Departs after Settlement of Dispute over Wages
	Food and Agriculture Organization:	81 ..	Imports of Marine Oils, January-June 1959
58 ..	Tenth Session of Conference		Norway:
58 ..	Oceanographers Call for World Fish Census	81 ..	Exports of Marine Products, 1957-58
	Whaling:		Pakistan:
59 ..	Russia Asks Norway and Netherlands to Reconsider Withdrawal from Convention	82 ..	New Wholesale Fish Market at Karachi Opened by President
	Angola:		Peru:
60 ..	Fish Meal Plant Installed by Norwegian Firm	83 ..	New Law Modifies Restrictions on Expansion of Fish Meal Plants
	Argentina:		Portugal:
60 ..	Import Surcharges Removed on Large Fishing Vessels	83 ..	Canned Fish Exports, January-July 1959
	Australia:	84 ..	Canned Fish Pack, January-July 1959
61 ..	Canneries Set Tuna Price for 1959/60 Season		South-West Africa:
61 ..	Exports of Spiny Lobsters Continue to Rise	84 ..	Fishing Industry Important to Economic Life
61 ..	Land-Based Whaling Season Ends	84 ..	New Vessel for Spiny Lobster Research Built
61 ..	New Species of Shrimp Found in Deep Water by Exploratory Vessel		Spain:
62 ..	New Type Spiny Lobster Fishing Vessel	85 ..	Canned Tuna Exports to United States Increase Sharply
63 ..	Snapper Catches Improved by Using Traps		Sweden:
	Belgium:	86 ..	Exports of Fishery Products to East Germany Resumed
63 ..	Minimum Ex-Vessel Fish Prices Established		Taiwan:
	Canada:	86 ..	Fishery Landings Increased in 1958
63 ..	Consumption of Fishery Products in 1956 and 1957		Thailand:
64 ..	Newfoundland Fishery Trends, 1958-59	86 ..	Shrimp Industry Being Developed
65 ..	Production, Imports, Exports of Marine Oils		Tunisia:
67 ..	Refrigeration Standards for Fresh and Frozen Fishery Products Amended	87 ..	Fishery Trends, October 1959
67 ..	Small-Type Gill-Net Boat Built for Fraser River Salmon Fishery		Turkey:
	Colombia:	87 ..	Plan to Activate Fish Meal and Oil Plant in 1960
67 ..	New Fish Freezing Plant Installed		Union of South Africa:
	Cuba:	87 ..	Pilchard-Maasbanker Landings for 1959 Break Record
67 ..	Joint Cuban-Japanese Tuna Processing Firm Denied New Industry Status		Union of South Africa and South-West Africa:
	Denmark:	89 ..	Pilchard-Maasbanker Fishery Trends, July and August 1959
68 ..	Fisheries Trade Fair Held in Copenhagen	89 ..	Three New Pilchard Research Vessels
	Egypt:		U. S. S. R.:
68 ..	Fisheries Trends, October 1959	91 ..	Fishery Research Submarine Used to Observe Underwater Behavior of Trawl
	Ghana:	92 ..	Salmon Catches and Hatcheries
70 ..	United States Fish Cannery and Ghana Government Jointly Exploring Gulf of Guinea for Tuna		United Kingdom:
	Honduras:	92 ..	British Queen Promises Continuation of Aid to Fishing Industry
70 ..	Revision of Fishing Law Planned	92 ..	Import Controls on Fresh and Frozen Salmon Removed
	Hong Kong:	92 ..	Use of Antibiotics as a Fish Preservative Under Study by Scientists
71 ..	Fisheries Trends, Second Quarter 1959		Yugoslavia:
	Iceland:	93 ..	Contracts with Japan for Year's Supply of Frozen Tuna
71 ..	Soviet Union Buys 2,800 Tons of Icelandic Frozen Fish Fillets	93 ..	Tuna Fishing Methods Taught by Japanese
	India:	94 ..	FEDERAL ACTIONS:
71 ..	Two Small Shrimp Canneries in Operation		Department of the Interior:
	Ireland:		U. S. Fish and Wildlife Service:
72 ..	Territorial Fishing Limits to be Measured from Base Lines Instead of Shoreline		Bureau of Commercial Fisheries:
	Japan:	94 ..	Frozen Cod Fillets Voluntary Standards Proposed
72 ..	Agreement on Safe Fishing Signed with Communist China		

THESE PUBLICATIONS ARE NOT AVAILABLE FROM THE FISH AND WILDLIFE SERVICE, BUT USUALLY MAY BE OBTAINED FROM THE ORGANIZATION ISSUING THEM.

1959. Photocopies may be purchased from the Photoduplication Service, Library of Congress, Washington 25, D. C.) Includes translations of the following articles from *Non Lam*, no. 1, January 1959: "How to Increase the Catch of Salt-Water Fish," by Hoang Xuan Hai; and "Fresh-Water Fish Breeding During Winter-Spring Season," by Nguyen Sung.

VIRGINIA:

Treasures from the Sea, The Virginia Seafood Industry, by Robert S. Bailey, Educational Series No. 10, 24 pp., illus., processed. Virginia Fisheries Laboratory, Gloucester Point, Va., 1959. Easy and informative reading for the layman, this booklet tells the story of Virginia's fisheries from colonial times until the present day. Information is given on changes in value and composition of the catch, details of finfish, shellfish, and sport fisheries; and the role of the public in conservation and proper utilization of fishery resources. Tables and drawings depict average annual values and catches of five species between 1931-55, 1956 landings by gear, and other statistical data concerning Virginia's fishing industry.

WHALES:

"Treating and Processing of Whale Meat to Meat Products," by Otto Roemmele, article, *Die Fleischwirtschaft*, vol. 10, 1958, pp. 833-835, printed in German. Die Fleischwirtschaft, Verlagshaus Sponholz GmbH, Kockstrasse 60-61, Berlin SW68, Germany

WHALING:

"Whaling Operations in the Antarctic, Season 1958/59," article, *Norsk Hvalfangst-Tidende*, vol. 48, no. 9, September 1959, pp. 452-464, 467-468, 471-476, illus., printed in Norwegian and English. Norsk Hvalfangst-Tidende, Sandefjord, Norway. A survey of the whaling operations in the Antarctic in the season 1958/59 prepared for and submitted at the meeting of the International Whaling Commission in London in June 1959. Covers the most important regulations governing pelagic whaling in the season 1958/59 and gives the number of factory-ships and catching boats which have been engaged in pelagic whaling since 1945/46 and average gross tonnage. The catch and oil production of the individual expeditions, the output of byproducts, and related statistics concerning the whaling operations in the Antarctic during the season 1958/59 are presented.



CONTENTS (CONTINUED)

Page	FEDERAL ACTIONS (Contd.):	Page	FISHERY INDICATORS (Contd.):
	Treasury Department:	99 ..	Chart 4 - Receipts and Cold-Storage Holdings of Fishery Products at Principal Distribution Centers
	Bureau of Customs:	99 ..	Chart 5 - Fish Meal and Oil Production--U. S. and Alaska
94 ..	Proposed Antidumping Regulations	100 ..	Chart 6 - Canned Packs of Selected Fishery Products
95 ..	Further Ruling on "In Bulk" and "Immediate Container" for Fish Blocks	101 ..	Chart 7 - U. S. Fishery Products Imports
96 ..	FISHERY INDICATORS:	102 ..	RECENT FISHERY PUBLICATIONS:
96 ..	Chart 1 - Fishery Landings for Selected States	102 ..	Fish and Wildlife Service Publications
97 ..	Chart 2 - Landings for Selected Fisheries	104 ..	Miscellaneous Publications
98 ..	Chart 3 - Cold-Storage Holdings and Freezings of Fishery Products		



Editorial Assistant--Ruth V. Keefe

Illustrator--Gustaf T. Sundstrom

Compositors--Jean Zalevsky, Alma Greene, Helen Joswick, and Vera Eggleston

* * * * *

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 page--Information Services, Dept. of Fisheries, Ottawa, Canada; p. 41--Peter J. Haas, Racine, Wisc.; p. 43--Basil L. Smith System, Philadelphia, Pa.; p. 55--J. Pileggi; p. 68--Pat Morin, FAO; pp. 73 and 76--FAO; pp. 78 and 79--Wm. H. Mills, Sinaloa, Mexico.