



COMMERCIAL FISHERIES REVIEW



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

A. W. Anderson, Editor

J. Pileggi, Associate Editor H. M. Bearse, Assistant Editor

Mailed free to members of the fishery and allied industries. Address correspondence and requests to the: Director, Fish and Wildlife Service, U. S. Department of the Interior, Washington 25, D. C.

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

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

The printing of this publication has been approved by the Director of the Bureau of the Budget,
August 2, 1955. (8/31/57)

CONTENTS

COVER: Boat Harbor, Sitka, Alaska, Sitka cold storage and fish unloading facilities in back-ground.

	Page		Page
Bone Detection in Fish by X-Ray Examination, by Anthony J. Frascatore, Jr. and J. A. Holston	1		
How to Cook Frozen Fish Without Prethawing, Part I - Determination of Optimum Internal Temperature for Baked Frozen Halibut Steaks, by Kathryn L. Osterhaug and Marian M. MacFarlane	12		
	Page		Page
RESEARCH IN SERVICE LABORATORIES:	15	TRENDS AND DEVELOPMENTS (Contd.):	
Effect of Cooking Oil Quality and Storage Conditions on the Keeping Quality of Frozen Fried Fish Sticks, by John A. Holston	15	Cans--Shipments for Fishery Products, January-September 1955	29
Freshness Tests For Tuna	16	Federal Purchases of Fishery Products	29
Commercial-Scale Freezing-Fish-At-Sea Trip Made by Delaware, by J. W. Slavin	16	Fish Sticks Leading Frozen Specialty Handled by Major Wholesalers	30
Feeding Studies with Menhaden Press Cake, by Hugo W. Nilson and Donald G. Snyder	17	Fur-Seal Skin Prices Up Slightly at Fall Auction	30
Pilot Reduction Plant	19	Great Lakes Fishery Investigations: Survey of Northern Lake Michigan Continued by Cisco (Cruise IX)	31
Conference of Contractors Doing Research on Southern Oysters	19	Maine: Sardine Pack as of October 15	32
Cold-Storage Life of Fresh-Water Fish--No. 2 (Yellow Perch, Crappie, White Bass, Utah Chub, and Squawfish), by Kathryn L. Osterhaug and David T. Miyauchi	19	Marketing Situation for Edible Fishery Products, Winter 1955/56	32
TRENDS AND DEVELOPMENTS:	22	National Tuna Week Supported by Interior Secretary	33
Additions to the U. S. Fleet of Fishing Vessels ..	22	North Atlantic Fisheries Exploration and Gear Research: Nylon and Cotton Cod Ends Tested by Delaware (Cruise 11) and Albatross III (Cruise 68) ..	33
American Samoa: Tuna Cannery Expansion	22	North Atlantic Herring Research: Samples of Large Herring Collected by Theodore N. Gill (Cruise 6a)	34
Japanese Fishing Operation Catches Less Tuna Than Planned	23	Samples of Spawning Herring Taken by Theodore N. Gill (Cruise 7)	34
California: Albacore Tuna May Make Round Trip Across Pacific	23	Northeast Pacific Fish Distribution Studied ..	35
Sardine, Mackerel, and Anchovy Abundance Assessed and Yellowtail Tagged by Yellowfin (Cruise 55-Y-7)	23	North Pacific Exploratory Fishery Program: Survey of Shrimp Resources off Coast of Washington by John N. Cobb (Cruise 24)	35
Large Number of Yellowtail Tagged by Stella Maris (Cruise 55-C-5)	24	Pacific Oceanic Fishery Investigations: Chartered Vessel Commonwealth Completes Line Islands Yellowfin Fishing Experiments (Cruise 5) ..	37
Tuna Tagged off West Coast of Mexico by Southern Pacific (Cruise 55-C-4)	25	Progress Made in Developing Electrofishing for Tuna	38
Survey of Sardine and Anchovy Schools by Air Continued (Airplane Spotting Flight 55-12) ...	25	South Pacific Fishery Investigations: Progress Made in Estimating Pacific Sardine Population	38
Canned Sardine Consumption in Federal Penal and Correctional Institutions, 1954	28		

CONTENTS (CONTINUED)

	Page		Page
TRENDS AND DEVELOPMENTS (Contd.):		FOREIGN (Contd.):	
Freight Rate Increase of 1952 Made Permanent . .	39	Republic of Korea:	
Saltonstall-Kennedy Act Fisheries Projects:		Tilapia Multiply Rapidly in Experiment to Boost	
Fishery Statistical Office Opened in Morgan City	39	Food Supply	62
U. S. Foreign Trade:		Norway:	
Imports and Exports of Selected Fishery Prod-		Stickwater Plants Increase Fish Meal Production	62
ucts, January-August 1955	39	Sonar Sounder Demand Heavy	62
Edible Fishery Products, July 1955	40	Panama:	
U. S. Fish-Stick Production	40	Shrimp Fishery	63
Wholesale Prices, September 1955	41	Poland:	
FOREIGN:	43	Prefabricated Trawlers Built	63
International:		Portugal:	
United Nations:		Fisheries Trends, June 1955	63
Ocean Resources Discussed at UNESCO-Spon-		Modern Plant for Production of Cod-Liver Oil	64
ored Meeting in Tokyo	43	Canned Fish Exports, January-June 1955 . . .	65
North Pacific Fisheries Commission:		Fish Canning Trends, April 1955	65
Third Annual Meeting	44	Saint Pierre-Miquelon:	
International Law Commission:		Fisheries Expansion Planned	66
Seventh-Session Report on Regime of the High		Sweden:	
Seas Submitted	44	Shrimp Fishery	66
Territorial Waters:		"Trawl-Toad" Devised for Mid-Water Trawl	66
Costa Rica Signs Santiago Pact on Territorial		Thailand:	
Waters	46	Nylon Gill Nets Prove Successful	68
Australia:		Turkey:	
Tuna Price Agreement Reached	46	Shrimp Fishery	69
Cambodia:		United Kingdom:	
Fishery Resources Important	47	Distant Trawlers Increase Catch, January-June	
Costa Rica:		1955	69
Duty on Pulverized Oyster Shell Reduced	47	Change of Opinion on North Sea Herring Stocks	70
El Salvador:		Dogfish Demand Good	71
Shrimp Production in El Salvador	47	Live Shellfish Packed with Ice Bags	72
Canada:		Trawlermen Seek Higher Shares	72
Nova Scotia Fisheries Outlook Good	48	British and Norwegian Whaling Fleet Wage	
Great Slave Lake Fish Catch, Summer 1954 . . .	48	Dispute	73
Ram on Vessel's Prow Kills Sharks	48	New Fishing Ground for Ocean Perch Yields	
Cuba:		Heavy Catches	73
New Fishing Terminal in Habana Harbor Planned	50	FEDERAL ACTIONS:	74
Egypt:		Department of the Interior:	
New Firm Plans to Build Freezer	50	Fish and Wildlife Service:	
Plan to Improve Fishing Industry	51	Two Assistant Directors Named for Fish and	
French West Africa:		Wildlife Service	74
Development of Commercial Fishing	51	New Assistant to Fish and Wildlife Director	
Fresh-Water Fisheries	54	Named	75
Formosa:		Department of State:	
Tuna Boats to be Built with Japanese Materials	55	United States to Participate in Tenth Session of	
Germany--East Zone:		the Contracting Parties to GATT	75
Fishing Fleet Expansion Planned	55	Eighty-Fourth Congress (First Session)	75
Iceland:		FISHERY INDICATORS:	77
Fish Catch, January-July 1955	56	Chart 1 - Fishery Landings for Selected States . .	77
Israel:		Chart 2 - Landings for Selected Fisheries . . .	78
Israel Defines Territorial Waters	56	Chart 3 - Cold-Storage Holdings and Freezings	
Italy:		of Fishery Products	79
Review of the Fisheries	56	Chart 4 - Receipts and Cold-Storage Holdings of	
Japan:		Fishery Products at Principal Distribution Centers	80
Albacore Tuna Marketing Arrangements Changed	58	Chart 5 - Fish Meal and Oil Production - U. S.	
Tuna-Bonito Fishing Industry Working Conditions		and Alaska	80
and Wages	58	Chart 6 - Canned Packs of Selected Fishery	
Disposition of 1955 Salmon Catch	60	Products	81
Tentative Agreement on Canned Salmon Sales to		Chart 7 - U. S. Fishery Products Imports . . .	82
British	61	RECENT FISHERY PUBLICATIONS:	83
Fisheries Technical Aid Offered	61	Fish and Wildlife Service Publications	83
New Fishing Company to Fish for Tuna in Indian		Miscellaneous Publications	83
Ocean	61		
Fisheries Agreement with Red China Working			
Smoothly	61		

