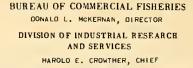
UNITED STATES DEPARTMENT OF THE INTERIOR FRED A. SEATON, SECRETARY

> FISH AND WILDLIFE SERVICE ARNIE J. SUOMELA, COMMISSIONER



Page



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 ls 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: Underwater photograph of a school of skipjack in the Central Pacific taken from an observation chamber on board the U.S. Bureau of Commercial Fisheries research vessel <u>Charles H. Gibert</u>. The observation chamber is a special blister built into the hull aft, below the water line and the fishing racks. The Bureau's Honolulu Biological Laboratory biologists are studying the behavior of skipjack tuna in the Central Pacific. This photograph was taken on July 13, 1959, 10-12 miles south of Barber's Point, Oahu, Hawaii. The fish had a mean length of 22 inches and ranged from 19 to 27 inches, or from 5 to 15 pounds.

Storage Life of Pink Srimp Held in Commercial and in Jacke Surinam Fishery Explorations, May 11–July 31, 1957, by Jan	ted Co nes B.	ld-Storage Rooms, by John A. Peters and Daniel T. Mc Lane Higman	1 8
	Page		Pag
RESEARCH IN SERVICE LABORATORIES:	16	TRENDS AND DEVELOPMENTS (Contd.):	
Development of Standards for Pacific Coast Fishery		Great Lakes:	
Products	16	Pickerel Fluctuations Being Studied	30
TRENDS AND DEVELOPMENTS:	18	Sea Lamprey Control Studies	31
Alaska:		Great Lakes Fisheries Exploration and Gear Research:	
Biologists Produce Large Run of Young Red Salmon in		Exploratory Fishing in Lake Erie Continued (M/V	
Research Lake	19	Active Cruise 2)	31
King Salmon Sport Fisheries in Southeastern Alaska to		Great Lakes Fishery Investigations:	
be Studied	19	Survey of Southeastern Lake Superior by M/V Cisco .	32
Record Number of Taku River King Salmon Captured		Western Lake Erie Biological Research Continued	
by Fish Wheel	19	(M/V George L. Cruises 3 and 4)	33
California:		Western Lake Superior Fishery Survey Continued (M/V	
Aerial Census of Commercial and Sport Fishing Con-		Siscowet Cruise 2)	34
tinued (Airplane Spotting Flights 59-9 and 59-10)	20	Gulf Exploratory Fishery Program:	
Barracuda and White Sea Bass Survey off Baja Cali-		Underwater Observation of Shrimp Trawl (M/V Charles	
fornia and Southern California Continued (M/V N. B.		M. Bowers Cruise 20)	35
Scofield Cruise 59S3)	21	Gulf of Mexico;	
Pelagic Fish Population Survey off Coast of Southern		Industrial Fishery Studies	35
and Central California Continued (M/V Alaska		Iowa:	
Cruises 59A4 and 59A5; Airplane Spotting Flights		Regulations on Commercial Fishing on the Mississippi	
59-8 and 59-11)	22	River Enforced	36
Tuna Tagged Between Southern Mexico and Peru (M/V		Maine Sardines:	
Constitution Cruise 59C1)	24	Canned Stocks, June 1, 1959	36
Canned Fish;		Massachusetts Schools' Workshop Morning Session De-	
Consumer Purchases, May 1959	25	voted to Maine Sardines	36
Cans-Shipments for Fishery Products, January-May		Maryland;	
1959	25	Oyster Spat Count on Test Shells, 1959 Season	37
Central Pacific Fisheries Investigations:		North Atlantic Fisheries Exploration and Gear Research;	
Albacore Tuna Migrations in North Pacific Studied by		Promising Catches of the Deep-Water Red Crab Made	
M/V Hugh M. Smith (C-52)	26	by M/V Delaware (Cruise 59-7)	37
Behavior Studies of Skipjack Tuna to be Made During		North Pacific Exploratory Fishery Program:	
Hawaiian Summer Fishery	27	Exploratory Fishing Vessel to Assess Fishery Poten-	
Tagging Returns Indicate Skipjack Tuna Migrate into		tial and Collect Oceanographic Data in Arctic Ocean's	
Hawaiian Waters from the West	27	Chukchi Sea (M/V John N. Cobb Cruise 43)	38
Federal Purchases of Fishery Products:		Outdoor Recreation Resources Review Commission:	
Department of Defense Canned Salmon Requirements		First Advisory Council Meeting Held	39
for Fiscal Years 1960 and 1961	27	Oysters:	
Department of Defense Purchases, January-June 1959	27	Long Island Sound Studies	40
Fisheries Loan Fund:		Raft-Grown Type Grow Fast	40
Loans Approved Through June 30, 1959	28	Setting Under Artificial Conditions	41
Fishing Vessel and Gear Development:		Salmon;	
Equipment Note No. 1 New All-Aluminum Salmon Gill-		Progress Report on North Pacific Research	41
Net Boats Built for Alaska Fishery, by Fred Wathne	29	Shad:	
Frozen Foods:		Atlantic Coast Studies	42
Proposed Handling Code	30		

Contents Continued Page 121.

CONTENTS (CONTINUED)

	Parrol	
TRENDS AND DEVELOPMENTS (Contd.):	Page	FOREIGN (Contd.):
Shrimp:	40	Japan (Contd.):
Stains Used to Mark Shrimp for Migration Studies Texas Vessels Dispute Over Wages Settled	42 42	Canners Scale Do meat Tuna
Striped Bass:	10	Consignments of
East Coast Research	42	Tuna Export Reg
Transportation: New Railway Express Agency Contract Approved by		Joint Sales Comp
Railroads	43	Method for Detec
United States Fishery Landings, January-May 1959	43	Fishermen Seek
U. S. Foreign Trade:	15	Summer Albacor
Edible Fishery Products, May 1959 Imports of Canned Tuna in Brine Under Quota as of	45	World-Wide Tuns Mackerel-Pike C
July 4	45	Season
Groundfish Fillet Imports, June 1959	45	Mackerel-Pike C
U. S. Production of Fish Sticks and Portions, April- June 1959	46	Export Prospect Plans to Adverti
Vessels:	40	Plans Indefinite fo
Market for United States-Built Fishing Vessels in		Studies on Marke
Mexico and Peru Poor	47	United States P
Virginia: Biologists Experiment with Mesh Size of Crab Pots	48	New Tuna Long- Company Expand
Whaling:		Loans for Constr
Pacific Coast Whaling Season Open	49	Second Tuna Ves
Wholesale Prices, July 1959	49 51	Tuna Fishermen of Salmon Fish
International:		Disposal of Four
Fisheries Trade Fair:	1000	North Pacific Sa
To be Held in Copenhagen, September 25-October 4,	51	to Fish for Tun Price of Tuna Fi
1959 Food and Agriculture Organization:	51	Japanese-Moroc
Fishery Cooperatives Meeting Held at Naples, Italy .	51	Bottom Fish in
International Labor Organization:		More Japanese H west African C
Commercial Fishermen Labor Instruments Adopted by Conference	52	Swiss Ask for Te
International Oceanographic Congress:		Products
Meets in New York August 30 to September 12	52	New Tuna Vesse
International Pacific Halibut Commission: First Season in Areas 2 and 1B Closed	52	Bering Sea Traw Canned Fish to b
Fishing in Area 3A Ended August 1, 1959	53	Trading Company
Trade Agreements:		System
Swedish-Norwegian Trade Agreement for 1959 In-	53	Survey of Earnin North Pacific Wh
cludes Fishery Products	00	Fishery Notes fr
Quota Apportionment Talks End Without Agreement .	54	Agar-Agar Indus
Eleventh Annual Meeting of International Whaling Commission	54	Korea: Shrimp Production
Australia:	74	United States Los
Frozen Shrimp Exports, 1956/57-1957/58	56	ing Industry .
Belgian Congo:	57	Mexico: Merida Shrimp F
Canned Sardine MarketBrazil:	51	New Fish Meal F
Japanese-Brazilian Whaling Enterprise Acquires Two		Morocco:
Catcher Boats Canada:	58	Sardine Vessels Netherlands:
Marine Oil Production, Foreign Trade and Consumption,		Frogmen Study 7
1958	58	Norway:
Chile:	50	Fisheries Projec Pakistan:
Legislation Drafted to Promote Fishing Industry Two United States Firms Interested in Developing Fish-	59	Fishing Equipme
eries	60	empt from Duty
Cuba:		Freezing and Pro
Closed Season on Spiny Lobster Ends Closed Seasons for Shrimp, Oysters, and Tortoises	60 60	Philippines: Canned Fish Reta
Ecuador:	00	Canned Sardine I
Canned Sardine and Salmon Imports	61	Portugal: Canned Fish Exp
Ethiopia: Development of Commercial Fishing Industry Planned.	62	Canned Fish Pac
French Guiana:	02	Sardine Fleet Sa
Development of Shrimp Fishery Planned	62	pute South-West Africa
Greenland: Facilities for Fishing Industry to be Expanded	63	Fishery Landings
nong Kong:	00	Spain:
Fisheries Trends, First Quarter of 1959	64	Vigo Fisheries T
reland:	0.4	Sweden: Loan Fund for Fi
Herring Fishery TrendsIndia:	64	Tunisia:
Experiment with Thailand Carp in West Bengal Waters	65	Eight Trawlers I
indonesia:	65	Tuna Cannery to Uganda:
Canned Sardine MarketJapan:	65	Nylon Nets and M
Canned Lightmeat Tune Price Cut Considered	65	Union of South Afr.
Cut in Price for Lightmeat Canned Tuna Opposed	66	Exports of Marin

Japan (Contd.):	
Canners Scale Down Proposed Pack of Canned White-	
meat Tuna Consignments of Canned Tuna for April-June 1959	66
Tuna Export Regulatory Council Planned	66
Joint Sales Company for Frozen Yellowfin Tuna Ex-	67
ports	67
Method for Detecting Green Meat in Raw Tuna Found	68
Fishermen Seek Albacore on Distant Grounds	68
Summer Albacore Landings Below Normal	69
World-Wide Tuna Fishing Cruise Planned	69
Mackerel-Pike Canners Planning to Limit Pack Next	60
Season Mackerel-Pike Canning Plans Finalized	69 70
Export Prospects for Canned Crab Meat This Year	70
Plans to Advertise Canned Fish in Foreign Countries.	70
Plans Indefinite for Advertising Tuna in the United States	71
Studies on Marketing of Certain Fishery Products in	
United States Planned New Tuna Long-Liner Completed	71
Company Expands Tuna Fishing Fleet	71 73
Loans for Construction of Fishing Vessels in 1958	73
Second Tuna Vessel for the Soviet Union Completed	73
Tuna Fishermen's Federation Opposes Redeployment	
of Salmon Fishermen Disposal of Four Salmon Fleets Considered	73
North Projice Salmon Fleets Considered	74
North Pacific Salmon Fishing Firms Apply for Permits to Fish for Tuna in Fiji Islands Area	75
Price of Tuna Fishing Rights Rising Steeply	75
Japanese-Moroccan Company to Trawl for Shrimp and	
Bottom Fish in South Atlantic	75
More Japanese Fishing Trawlers to Operate off North-	
west African Coast	75
Swiss Ask for Technical Cooperation to Produce Tuna	76
Products	76
Bering Sea Trawler Activity Increasing	76
Canned Fish to be Included Again in Burma Reparations	77
Trading Companies Oppose Rainbow Trout Control	
System	77
Survey of Earnings by Japanese Fishermen	77 78
North Pacific Whaling Trends Fishery Notes from Trade Press in June	78
Agar-Agar Industry Trends	79
Korea:	
Shrimp Production and Foreign Trade	79
United States Loan for Small Business Includes Fish-	
ing Industry	80
Mexico: Merida Shrimp Fishery Trends, June 1959	80
New Fish Meal Plant Established in Carmen	80
Morocco:	
Sardine Vessels Stop Fishing	80
Netherlands:	
Frogmen Study Trawl-Net Fishing	81
Norway: Fisheries Project in India to be Continued	81
Pakistan:	
Fishing Equipment Imported Through Cooperative Ex-	
empt from Duty and Sales Tax	82
Freezing and Processing Plants Being Built	82
Philippines: Canned Fish Retail and Wholesale Prices, June16,1959	83
Canned Sardine Prices	83
Portugal:	
Canned Fish Exports, January-March 1959	84
Canned Fish Pack, January-March 1959	84
Sardine Fleet Sails After Settlement of Contract Dis-	84
pute	D.H
South-West Africa: Fishery Landings and Production, 1958	84
Spain:	
Vigo Fisheries Trends, April-June 1959	85
Sweden:	0.7
Loan Fund for Fishermen Increased	87
Funisia:	87
Eight Trawlers Purchased in Italy Tuna Cannery to Replace Portuguese Labor	88
Jganda:	
Jganda: Nylon Nets and Mechanization Double Fish Catch	88
Jnion of South Africa:	89

Contents Completed Page 120.

Page

Vol. 21, No. 9

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

Grove Station are described with particular reference to preparation of ponds, stocking, fertilization, and harvesting, and a breakdown of cost of production shown. Brief mention is made of the likely areas in Trinidad and Tobago where fish culture may be established on a commercial basis. Other news items include tuna long-line experiments in Antigua, capture of albacore in Barbados, deep-sea fishing in Barbados, and related subjects.

WHALE MEAT:

"Biochemical Conditions of Whale Meat Before or After Freezing and Cold Storage of Frozen Meat," by Kazuo Tanaka and Takeo Tanaka, article, Journal of Tokyo University of Fisheries, vol. 42, 1958, pp. 83-88, printed. Tokyo University of Fisheries, Shiba-kaigandori 6-Chome, Tokyo, Japan.



CONTENTS (CONTINUED)

	Page		Page
FOREIGN (Contd.):	0	FEDERAL ACTIONS (Contd.):	
U. S. S. R.:	100101	Department of Labor:	
Whaling Super-Factoryship Completed	89	Wage Increase Recommended for Fish Canning and	
United Kingdom:		Processing Workers in American Samoa	95
Imports of California Canned Sardines Opposed by		Department of the Treasury:	
British Committee	89	Bureau of Customs:	
Plan for Development of Pilchard Industry Initiated .	89	Decision Rendered on Classification of Imported Fish	
Technologist Predicts That Future Trawlers will be		Blocks	96
Equipped with Freezers	90	Definition of Air-Tight Containers for Imported Fro-	
Trawler Owners Agree to Supply Fish for Soviet Con-		zen Fishery Products Clarified	96
tract	90	Eighty-Sixth Congress (First Session)	96
Venezuela:		FISHERY INDICATORS:	103
Estimated Fishery Landings and Utilization, 1958	90	Chart 1 - Fishery Landings for Selected States	103
Sardine Landings and Canned Pack, 1957	91	Chart 2 - Landings for Selected Fisheries	104
Otter Trawl Gear Regulations Revised	91	Chart 3 - Cold-Storage Holdings and Freezings of Fish-	
Viet-Nam:		ery Products	105
New Shrimp Freezing Plant to Export to the United		Chart 4 - Receipts and Cold-Storage Holdings of Fish-	
States	92	ery Products at Principal Distribution Centers	106
Landings and Foreign Trade in Fishery Products, 1958	92	Chart 5 - Fish Meal and Oil Production - U. S. and	
Canned Sardine Market	93	Alaska	106
FEDERAL ACTIONS:	95	Chart 6 - Canned Packs of Selected Fishery Products	107
Department of Commerce:		Chart 7 - U. S. Fishery Products Imports	108
Coast and Geodetic Survey:		RECENT FISHERY PUBLICATIONS:	109
First Edition of Small-Chart Series 101, Potomac		Fish and Wildlife Service Publications	109
River	95	Miscellaneous Publications	111



Editorial Assistant--Ruth V. Keefe

Illustrator -- Gustaf T. Sundstrom

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

* * * * *

<u>Photograph Credits</u>: 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.

P. 29--Bob Carver, Seattle Wash.; p. 49--J. Pileggi; p. 81--FAO photographer; pp. 82 and 83--W. Williams, FAO.