UNITED STATES DEPARTMENT OF THE INTERIOR

FRED A. SEATON, SECRETARY

FISH AND WILDLIFE SERVICE ARNIE J. SUOMELA, COMMISSIONER BUREAU OF COMMERCIAL FISHERIES DONALD L. MCKERNAN, DIRECTOR DIVISION OF RESOURCE DEVELOPMENT RALPH C. BAKER, CHIEF





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.

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: In 1959 about 24.2 million pounds of sea scallop meats were landed in United States North Atlantic ports, principally at New Bedford, Mass. This was considerably more than the 19.0 million pounds landed in 1958. The scalloper with its scallop dredge is the typical vessel and gear used to fish sea scallops. Georges Bank supports the world's largest scallop fishery. United States vessels started extensive commercial fishing on that Bank in the early 1930's and since then there has been a continuous history of good production.

Page

 A Review of the Atlantic Coast Whiting Fishery, by Raymond L. Fritz
Rapid Objective Freshness Test For Blue-Crab Meat and Observations on Spoilage Characteristics, by Caroline H. Kurtzman and Donald G. Snyder

Page Page	
TRENDS AND DEVELOPMENTS: TRENDS AND DEVELOPMENTS:	ENTS (Contd.):
16 Fishing Vessel and Gear Developments: Florida:	
Equipment Note No. 5Sink Gill-Net Fishing in 29 Fisheries Research	
New England, by Warren F. Rathjen Foreign Fishery Developm	ments:
	Bureau Employee Reviews
19 Commercial Potential of Bottom Fish in Southeastern Fishery Matters in We	
Alaska Studied (M/V New Hope Cruise 60-1) Fur Seals:	a total and offer
American Fisheries Advisory Committee: 30 Two Russian Scientists	Study Herds and Facilities on
19 Five Major Problems Discussed at August Meeting Pribliof Islands	biddy mer do dia a dominio on
	xploration and Gear Research;
	f Under-Utilized Fish Stocks
	eyed (M/V Art Swaer II, Ex-
Byproducts: 20 U. S. Production and Imports of Fish Meal and Solubles, ploratory Cruise 1, and	d M/V Kevinbren, Cruise 2)
January-July 1960 31 Seasonal Distribution St	udies of Commercial Fish
California: Stocks in Lake Eric Co	ontinued (M/V Active Cruises
21 Aerial Census of Sea Lions (Airplane Spotting Flight 60-13) Great Lakes Fishery Inve	stigations.
	ion Survey (M/V George L.
(M/V N. B. Scofield Cruise 6053) August 1960)	on builtey (Mr) + deorge D
22 . Pelagic Fish Population Survey Continued (M/V Alaska 32 . Lake Michigan Fish Pop	ulation Survey Continued
Cruises 60.66 and 60-16) (M/V Cisco Cruises 6	
24 Cans-Shipments for Fishery Products, January-July 1960 33 Western Lake Superior	
Central Pacific Fishery Investigations: (M/V Siscowet Cruise	
24 . Biologists Seek Albacore Tuna Spawning Grounds West Gulf Exploratory Fishery	
of Hawaii (M/V Charles H. Gilbert Cruise 48) 34 Exploratory Fishing for	Industrial Fish (M/V Oregon
25 Reaction of Skipjack Tuna to Nets Tested Cruise 69)	
25 Tagging Returns Indicate that the Skipjack Tuna is not Gulf Fishery Investigation	as:
a Wide-Ranging Species 35 Shrimp Fishery Investig	
Chicago: 35 Industrial Fishery Studi	
26 Consumption of Frozen Fish and Shellfish in Restaurants 35 Effect of Pesticides on I	
and Institutions Hawaii:	5
Federal Purchases of Fishery Products: 36 Commercial Fishery La	ndings, July 1959-June 1960
27 January-July and August 1960 37 Industrial Fish as Food for	
Films: Jones	
27 Salmon Film Wins Honors at Edinburgh International North Atlantic Fisheries	Investigations:
Film Festival 38 . Distribution and Abunda	
	Surveyed (M/V Capt. Bill III)
28 Nationwide Statistical Reporting System Set Up North Pacific Exploratory	
Fish Meal: 38 Good Trawling Bottom F	
28 Freight Rates for Meal and Scrap Reduced (M/V John N. Cobb Cr	

COMMERCIAL FISHERIES REVIEW

CONTENTS (CONTINUED)

I Dea

age			Fage		
0	T	TRENDS AND DEVELOPMENTS (Contd.):		F	OREIGN (Contd.):
		Oregon:	07		Italy: Deles for Japanese Enoron Tuna Firms Un
39		Hatchery-Produced Salmon Supplement Natural	67	• •	Price for Japanese Frozen Tuna Firms Up Japan:
		Spawning	67		Frozen Tuna Licensed for Export to Europe, Fiscal
10		Oysters: Long Island Sound Observations on Spawning and	01	• •	Year April 1959-March 1960
40	• •	Setting (As of August 31 and September 15, 1960)	67		Canned in Oil Exports Drop
40		Upper Chesapeake Bay Escaped MSX Mortality in	68		Canned Tuna in Brine Export Trends
10	• •	August	68		Shortage of Canned Lightmeat Tuna in Oil Reported
41		Set Best on Shells Suspended on Racks	68		Canned-Tuna-in-Brine Market Poor
	· ·	Radiation Preservation:	69		Frozen Albacore Tuna Check Price Drops
41		Army to Build Research Center at Natick, Mass.	69		Frozen Yellowfin Tuna Price Fixed for Direct Exports
		South Atlantic Exploratory Fishery Program:	69		Seek Control of Frozen Tuna Exports to Italy
41		Scallop and Shrimp Resources Survey off Florida East	69		Proposal for Sales Company to Handle Frozen Atlantic
		Coast Planned (M/V Silver Bay Cruise 26)			Tuna Exports
		Tuna:	70		Research Vessel to Explore for Tuna off West Africa
42		U. S. Biologist Accompanies Norwegian Survey Cruise	70		Tuna Fishing in the Pacific
		off West Africa	71		Two Tuna Motherships Return from Fiji Islands Area
		U. S. Foreign Trade:	71		September Forecast Issued for Tuna Fishing in
42		Edible Fishery Products, July 1960	72		Indian Ocean
42	1.1	Imports of Canned Tuna in Brine Under Quota	72		Tuna Fishing in Indian Ocean Canned Salmon Sales and Market Prospects This Year
45	• •	Imports and Exports of Selected Fishery Products,	73		Canned Salmon Export Prices
12		January-June 1960 Imports of Fishery Products at New High During1959	73		Salmon Mothership Fleets to Fish Bottomfish in Berin
45	• •	Wholesale Prices, September 1960	10	• •	Sea
40		FOREIGN:	73		Aquicultural Production Up for 1959/60 Fiscal Year
		International:	74		Economic Trends in the Fisheries, 1959
		General Agreement on Tariffs and Trade:	76		Offers of Canned Sardines Suspended Due to Short Pac
48		International Tariff Negotiations Conference Opened	76		Interest Rate Cut on Fishing Vessel Financing
		September 1, 1960	76		Launch Large Stern-Type Trawler
		General Fisheries Council for the Mediterranean;	76		Salmon Shark Research Fleet in North Pacific
48		Sixth Session Held in Rome	76		Frozen Shrimp Imported from Communist China
48		International Indian Ocean Expedition	76		Soviet Fisheries Mission Inspects Fisheries Facilities
		Northwest Atlantic Fisheries Commission:			Libya:
49			77	* *	Tuna Fishery Trends, Second Quarter 1960
-		Marine Oils:			Mexico:
	• •	Imports by Western Europe Will Drop in 1960	77		Export Duties Increased on Shrimp and Crabs
51	• •				Morocco:
		Products Nutrition	78		Fish Meal and Oil Industry
51		Angola: Fishing Industrian Institute of Angola Created			Netherlands:
		Fishing Industries Institute of Angola Created Fish Meal and Oil Production and Costs, 1959 and	19	* *	Whale-Oil Tanker Sold to Japanese
04	• •	First Quarter 1960	70		Norway:
		Australia:			Frozen Fish Export Trends National Fisheries Fair 1960
52		Cannery Plans to Increase Canned Tuna Pack			West African Exploratory Fishing Expedition Planned
53	1.1	Tuna Tagging Experiments Seek to Determine	00	• •	Pakistan:
		Migrations	81		Fish Meal and Oil Industry
		Belgium:	-		Panama:
53	$\rightarrow +$	Fish Meal and Marine-Oil Industry, 1959 and First	81		Shrimp Industry Studied by FAO Expert
		Quarter of 1960	1.1.1.1.1.1		Peru:
		Brazil:	82		Fisheries Trends, Second Quarter 1960
55		Japanese-Brazilian Tuna Fishing Company			Philippines:
		Reorganized	83		Government May Reduce 25-Percent Exchange Margin
5.5		Canada: Newfoundland Fish Meal and Oil Industry, 1958-59			Tax
		Progress on Atlantic Coast Fishery Studies Discussed	0.0		Portugal:
55	• •	at Meeting			United States Shipment of Live Striped Bass Received
58		Status of British Columbia Export Ban on Fresh and			Cod Catch from Western Atlantic Better This Year
00	• •	Frozen Salmon	04	• •	Committee Established to Study Fish Canning and
		Ceylon:	84		Exporting Associations Seaweeds in the Cape Verde Islands Area Studied
58		Tuna Fisheries	0.	•••	Ryukyu Islands:
		Chile:	84		
60		Fish Meal and Oil Industry, 1959			Spain:
		Costa Rica:	84		Fish Meal and Oil Industry and Market
61		Spiny Lobster Catch Increased Sharply in September			Sweden:
		Cuba:	85		
	• •		1000		Industry
61		Exports and Landings of Certain Fishery Products,			Trinidad:
		1959 Energy South Desifie Territories	85		Shrimp Fishery Expands with Vessels from United
62		French South Pacific Territories: Research Indicates Good Tuna Fishing Potential off			States
0.5	• •	South Pacific Islands	0.0		Tunisia:
		German Federal Republic:	86		
62			86		FAO Expert Helps to Develop Fishery Resources
		Greece:	00	• •	
64		Atlantic Ocean Trawl Fishery Expansion Continues	87		Union of South Africa; Figh Production pot Curtailed in Spite of Boycotta
		Five-Year Plan Includes US\$5 Million for Fisheries			
		Iceland:	88		
			00		U. S. S. R.:
		Fisheries Trends, First Quarter 1960	88		
	• •		1 40 4 5		West Germany
66	• •		89		
67		Iran: Shrimp Fighing Floot in Pengion Culf to be Leaved			White Seas
01	• •	Shrimp Fishing Fleet in Persian Gulf to be Increased	89		12-Mile Territorial Waters Limit Enacted

II