UNITED STATES PARTMENT OF THE INTERIOR

STEWART L. UDALL, SECRETARY

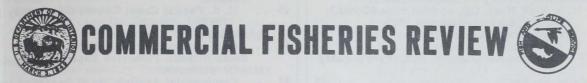
FISH AND WILDLIFE SERVICE CLARENCE F. PAUTZKE, COMMISSIONER

BUREAU OF COMMERCIAL FISHERIES

DONALD L. MCKERNAN, DIRECTOR

DIVISION OF RESOURCE DEVELOPMENT

RALPH C. BAKER, ASST. DIRECTOR



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

Joseph Pileggi, Editor G. A. Albano and H. Beasley, Assistant Editors

Address correspondence and requests to the: Chief, Fishery Market News Service, U.S. Bureau of mercial Fisheries, 1815 North Fort Myer Drive, Room 510, Arlington, Va. 22209.

Publication of material from sources outside the Bureau is not an endorsement. The Bureau is not ponsible 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, merence to the source is appreciated.

Use of funds for printing this publication has been approved by the Director of the Bureau of the liget, May 1, 1963.

5/31/68

CONTENTS

COVER: Shows New England vessel crew dressing groundfish (cod, haddock, etc.) catch aboard a large otter trawler while at sea. Most cod landed at New England ports are caught by otter trawlers that fish out of the Port of Boston for haddock. (See page 1.)

.The U.S. Cod Fishery in the Northwest Atlantic, by Albert C. Jensen and Harriett E. Murray. Some Observations on the Distribution of Penaeid Shrimp in Eastern Venezuela, by N. Alam Khandker

TRENDS AND DEVELOPMENTS:

- Alaska:
 Foreign Fishing Activity off Alaska, April
- . . Annual Kelp and Herring Egg Harvest
- Alaska Fisheries Investigations:
 . Winter Survival of Pink Salmon Eggs
- Pink Salmon Transplant Successful
- Brooks Lake Red Salmon Fry Survival American Fishery Advisory Committee:
- Recommendations Made at Washington, D.C.,
 Meeting
- California:
- · · Pelagic Fish Population Survey Continued
- Central Pacific Fisheries Investigations:
 Forecast for Summer 1965 Hawaiian Skipjack
 Tuna Fishery
- Tuna Behavior and Response to Signals Studied
- · · Trade Wind Zone Oceanographic Studies Continued

- Page
- TRENDS AND DEVELOPMENTS (Contd.): Federal Purchases of Fishery Products:
- 21 .. Defense Department's New Inspection Requirements for Chilled and Frozen Fish Fish Species Identification:
- 21 .. New and Quick Method Developed for Species
 Identification of Processed Products
 - Great Lakes Fisheries Explorations and Gear Development:
- 22 .. Seasonal Distribution and Abundance Studies of Alewife, Chub, and Yellow Perch in Lake Michigan
 - Gulf Fisheries Explorations and Gear Development:
- 24 . . Shrimp Gear Studies Continued Gulf Fishery Investigations:
- 25 .. Shrimp Distribution Studies Industrial Fishery Products:
- U. S. Fish Meal, Oil, and Solubles: 25 . . Major Indicators for U. S. Supply, Feb. 1965

CONTENTS (CONTINUED)

Page			
			TRENDS AND DEVELOPMENTS (Contd.):
			Industrial Fishery Products (Contd.):
			U. S. Fish Meal, Oil, and Solubles (Contd.):
26			Production by Areas April 1965
26			Production, February 1965
	•	•	U. S. Fish Meal and Solubles:
26			Production and Imports, January-February
20	٠		1965
			Maine Sardines:
27			Canned Stocks, April 1, 1965
			Marketing:
27			Edible Fishery Products, 1964 and First
			Half of 1965
			Mussels:
28	Ų.		Tennessee River Harvest Decline Related to
			Overfishing
			New York:
29			Fishery Landings, 1964
30			New Site for Wholesale New York City Fish
30	*	*	
			Market Approved
			North Atlantic:
30			Soviet Fishing Activity off Coast, May 1965
			North Atlantic Fisheries Explorations and
			Gear Development:
32			Tuna and Swordfish Distribution Studies in
			Western North Atlantic Continued
			North Atlantic Fisheries Investigations:
34			Winter Distribution and Abundance of Ground-
0.1		*	fish Species Studied
25			
35			Continental Shelf Waters Surveyed
35		*	Lobster and Sea Herring Populations and
			Larvae Studied
36			Sea Scallop Population Survey on Georges
			Bank Continued
36			Barnacle Larvae in Gulf of Maine and Rela-
			tion to Sardine Feed
			North Pacific Fisheries Investigations:
37			Winter 1965 Salmon Research Cruise in
0 1	٠	•	Western North Pacific by Research Vessel
20			George B. Kelez
38		ě	Salmon Mortality and Gill-Net Dropout Stud-
			ies in Eastern Aleutian Area
			Oceanography:
38	ê		New Organization Works to Develop Southern
			New England as a Marine Research Center
39			Educational Grants for 1965 Awarded by In-
			terior Department
40			Fourth Expedition to Gulf of Guinea Com-
10			pleted by Research Vessel Geronimo
41			Passanch Wassal John Elliatt Dillahum Stanta
41			Research Vessel John Elliott Pillsbury Starts
			Long Oceanographic Expedition
41		٠	Research Vessel Eastward Dedicated by Duke
			University
			Oregon:
42			Good Downstream Passage Reported for
			Chinook Salmon Yearlings Released During
			Flood Emergency
43			Steelhead Stocking Program
43			Dunganess Crahe Marked with "Spaghotti"
10			Dungeness Crabs Marked with "Spaghetti"
4.0			Tags
43			Clam Species Especially Suited to Bays and
			Estuaries Introduced on Test Basis
			Oysters:
43			Annual Convention of Oyster Institute of
			North America
44			New Parasite Disease Under Study
			Pacific Northwest:
44			New U. S. Bureau of Commercial Fisheries
			Research Laboratory in Seattle

CONTINUED)						
Page						
		TRENDS AND DEVELOPMENTS (Contd.): Salmon:				
45		U. S. Pacific Coast Canned Stocks, May 1, 1965				
		Shrimp:				
46		Gulf and South Atlantic Landings, 1964 South Atlantic Fisheries Explorations and Gea Development:				
47		Commercial Availability of Swordfish and Tuna to Long-Line Gear Investigated Tuna:				
49		1965 Albacore and Bluefin Tuna Catch Forescast for United States Pacific Coastal Area				
50		United States Fisheries: Imported Fishery Products Account for Hall of 1964 U. S. Supply				
51		U. S. Fishing Vessels: Pamphlet on Rules of the Road Issued by Coast Guard				
		U. S. Foreign Trade:				
51 51		U. S. Firms Invited to Participate in Leadin				
		Food Fairs of Europe Washington:				
52		New 1965 State Laws Affecting Fisheries				
5.0		Wholesale Prices:				
53	• •	Edible Fish and Shellfish, May 1965 FOREIGN: International:				
		Fish Meal:				
55		Production and Exports for Selected Coun- tries, January-February 1965				
55		World Production, February 1965				
56		Food and Agriculture Organization: 8th Annual Session of the General Fisheria Council for the Mediterranean				
56		Plan for Future Development of Mediterra				
57		nean Fisheries Urged Eighth Regional Conference for Latin Amer				
57		ica Seattle Man Appointed Chairman of 3rd				
		Technical Meeting of Fishing Boats to be Held in Sweden Law of the Sea:				
57		Certain International Conventions Ratified by Finland				
5.0		Oceanography:				
58		International Conference on Tropical Ocea nography Radiation Preservation:				
58		European Studies of Radiation Preservation of Fishery Products				
59		Whaling: Antarctic International Quota Cut Recom-				
59		mended International Whaling Convention Amended				
60		Angola: Fish Oil Production and Exports, 1963-1964 and Outlook for 1965				
60		Argentina: Fish Meal and Oil Produdtion and Exports, 1962-1964				
60		British Honduras: Fishery Trends, Early 1965				
CO		British West Indies:				
60	• •	Barbados Shrimp Fishery Trends, 1964 Canada:				
61		Swordfish and Tuna Study in the South Atlantic and Caribbean Area				
ned n	2 00	III				

FP:

CONTENTS (CONTINUED)

FOREI	GN	(Con	ntd.):
		~		

Canada (Contd.):

. Fish Meal and Oil Exports, 1963-64

Marine-Oil Production, Use, and Foreign Trade, 1963-1964

Chile:

Fish Meal Industry Trends, First Quarter

 Exports of Fish Meal and Oil by Country of Destination, 1962-1964

Cuba:

Tuna Fisheries Expansion

Denmark:

Exports of Frozen Fish Fillets and Blocks and Rainbow Trout, January-February 1965 Fishery Trends, January-March 1965

Faroe Islands:

Exports of Frozen Fish Fillets, 1963-1964 Iceland:

 Export Stocks of Principal Fishery Products, March 31, 1965

 Exports of Fishery Products, January-February 1965

Trawler Fleet Continues to Decline Italy:

Marine Oil Foreign Trade, 1963-1964
 Ivory Coast:

Canned Sardine and Tuna Production Plans for 1965/66 Season

Japan:

. Summer Albacore Tuna Fishery and Export Price Trends

Tuna Industry to Establish Council to Regulate Atlantic Albacore Tuna Export Trade

Tuna Federation Develops Plan to Stabilize
Frozen Albacore Tuna Export Market
Third Conned Tune in Price Sole to Heiland

Third Canned Tuna in Brine Sale to United States

Canned Tuna Pack Trends

 Canned Tuna Shipments from Shimizu, March 1965

Canned Tuna in Brine Export Sales Developments

Exports of Canned Tuna in Oil and Specialty Packs, Fiscal Year 1964

Tuna Industry Status Discussed at Government-Industry Meetings

Vertical Distribution of Albacore Tuna Influenced by Second Thermocline Say Japanese Scientists

Canned Food Export Targets, Fiscal Year 1965

Salmon Price Negotiations

Settlement Reached on 1965 Salmon Ex-Vessel Prices

 Salmon Mothership Fleet Composition and Catch Quota for 1965

Salmon Mothership Canned Pack to be Transshipped Directly to Great Britain

Exports of Canned Crab Meat, January-March 1964-65

Canned King Crab Export Prices Increased

Crab Enterprise in Chile Delayed Canned Shrimp Exports, March 1965

Fishing Plans in Bering Sea

Plans to Produce Minced Fish Aboard Factoryships Opposed by Land-Based Processors

Page

FOREIGN (Contd.): Japan (Contd.):

76 .. Fish Meal Market Trends, 1965

76 .. Mackerel Fishing and Price Trends as of

Early May 1965

77 .. Marine Oil Supply and Disposition, 1963-1964 and 1965 Forecast

78 .. Whaling Operations in North Pacific in 1965 Conducted Jointly by Two Japanese Firms

79 .. Yaizu Fishery Landings, April 1965

80 .. Export Targets for Fishery and Aquatic Products, Fiscal Year 1965

80 .. 1965 Imports of Salmon Roe from U. S. and Canada

80 .. Fishing Vessel Activities

81 . . Vessel Construction, April-May 1965

81 .. Views on Extension of Northwest Pacific
Fisheries Treaty with the Soviet Union

81 .. Role of Fisheries and Agriculture in National Economy

82 ... Hearing on Imports of Soviet Pollock for Fish

82 .. Private Kelp Agreement with Soviets Extended Two Years

82 .. Underwater Fish Farm Program Planned Mexico:

83 .. Fishing Center at Tampico

84 . Fishing Industry of Oaxaca Makes Excellent Progress

Morocco:

86 .. Extended Tuna Fishing Venture Shows Promising Results

87 .. New Plant to Produce Fish Protein Concentrate
Nicaragua:

87 . Fishing Limits of 200 Miles Claimed Norway:

88 .. Canned Fish Exports, Year 1964 and January

88 .. Lofoten Cod Fishery Down in 1965

88 .. Winter Herring Fishery, 1965 Pakistan:

88 .. Fisheries Investment Opportunity Peru:

89 .. Fish Meal Industry Trends, Early Spring 1965

89 .. Marine Oil Supply and Disposition, 1961-1964

90 .. Exports of Principal Marine Products, 1963-1964

Portugal:

90 ... Canned Fish Exports, 1963-64

O .. Canned Fish Pack, 1963-1964 South Africa Republic:

Fish Protein Concentrate Developed Spain:

91 . Fishery Trends at Vigo, January-March 1965 Sweden:

92 . Fish Meal and Marine Oil Industry Trends, Fiscal Years 1963/64 and 1964/65

Taiwan:

. Fisheries Trends in 1964

Tonga Islands:

94 .. Large Shrimp Caught in South Pacific Lagoon Waters U.S.S.R:

94 .. Japan Launches Second in Series of Factoryships for Soviets

CONTENTS (CONTINUED)

Page	Page FEDERAL ACTIONS (Contd.):
FOREIGN (Contd.): U.S.S.R. (Contd.):	Department of the Interior (Contd.): Fish and Wildlife Service (Contd.):
95 Freezer-Trawler <u>Geizer</u> Delivered to Soviets by Danish Shipyard United Kingdom:	101 Vessel Definition Amendment Proposed der Fishing Vessel Mortgage Insuran
95 Supply and Disposition of Frozen Processed Fishery Products, 1963-1964 and 1954	Procedures Bureau of Commercial Fisheries:
95 Government Subsidy for Fishing Vessel Improvement	101 Contract Awarded for Processing, Prom ting, and Selling Alaska Seal Skins
Republic of Viet-Nam:	Interstate Commerce Commission:
96 . Fisheries Trends, 1964 and Early 1965	101 Truck Detention Charges Set for the North
Yugoslavia:	Department of Labor:
96 Results of Tuna Market Survey by Japanese	Wage and Hour and Public Contracts Division
97 Imports of Fish Meal and Oil, 1962-1963 and	103 Hearings to be Held on Industry Wage R
January-June 1964	in American Samoa
FEDERAL ACTIONS:	Department of the Treasury:
Civil Service Commission:	Bureau of Customs:
98 Minimum Educational Requirements for Fed-	104 Tuna Canned in Brine Import Quota for
eral Oceanography Positions Revised	104 Eighty-Ninth Congress (First Session)
Department of the Interior:	RECENT FISHERY PUBLICATIONS:
Fish and Wildlife Service:	109 Fish and Wildlife Service Publications
99 Penalties Proposed for Violation of Regu-	111 Miscellaneous Publications
lations Under Fishery Products Inspection	
Program	

Editorial Assistants: Ruth V. Keefe and Jean Zalevsky

Sr. Compositor: Alma Greene Jr. Compositors: Mary Andrews and Mary Donaldson

* * * * *

Photograph Credits: Page by page, the following list gives the source or photograph for each photograph in this issue. Photographs on pages not mentioned were obtained from the Service's file and the photographers are unknown.

Pp. 8 (fig. 9), 31 (fig. 3), 35, 36, and outside back cover--Robert K. Brigham; pp. 16 (fig. 1)--W. Haskell, (figs. 5 & 6) and 31 (figs. 2 & 5)--U. S. Coast Guard; p. 30 (upper right)--T. J. Risoli; p. 34--John J. Murray; p. 46 (fig. 2)--G. Sundstrom and (fig. 3)--C. E. Nickerson; p. 47--Florida State News Bureau, Tallahassee, Fla.; pp. 59, 73, 74, & 77---Consulate General of Japan, N. Y.; p. 63--E. R. Pariser; p. 67 (fig. 1)--A. M. Sandberg; p. 70--W. C. Herrington; pp. 16 (fig. 4), 78 (fig. 2), and 79 (figs. 3-6)--R. C. Naab; p. 79 (lower right)--Arnie J. Suomela; pp. 83 & 84--R. S. Croker; p. 86--Pat Morin; and p. 95--Burmeister & Wain, Copenhagen, Denmark.

For sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402. Price 60 cents (single copy). Subscription Price: \$6.50 a year; \$2 additional for foreign mailing.