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, CHIEF



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 mmercial Fisheries, Wyatt Bldg., Suite 611, 777 14th Street, NW., Washington, D.C. 20005.

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, perceto the source is appreciated.

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

5/31/68

CONTENTS

COVER: The M/V Kaho, exploratory fishing and gear research vessel operated on the Great Lakes by the U.S. Bureau of Commercial Fisheries. She is 65 feet long with an 18-foot beam, is powered by twin 150 hp. Diesel engines, and has a cruising speed of 12 knots. Her home port is Saugatuck, Mich. The name of the vessel derives from the Chippewa Indian word for "hunt."

. .Lake Erie Fisheries Explorations, May-November 1960, by Ira A. Carr

	A STATE OF A	
e	TRENDS AND DEVELOPMENTS:	Page TRENDS AND DEVELOPMENTS (Contd.):
	Alaska: . Pink Salmon Workshop Meets in Juneau	Federal Purchases of Fishery Products (Contd.): Department of Defense Purchases, Fourth
	 Pink Salmon Workshop Meets in Juneau Foreign Fishing Activity in Bering Sea 	Quarter 1963 (Contd.):
	. Alaska Fishery Landings, 1963	15 November and December 1963
	Bait Herring Fishing at Ketchikan	16 January-December 1963 Summary
	Herring Growth and Mortality Rates Analyzed California:	 Veterans Administration Estimated Require- ments for Canned Fish from 1964 Packs
	Shrimp Resources off California Coast Sur-	Filleting Machine:
	veyed	16 Yellow Perch Filleting Machine Now in Op-
	San Francisco Bay Investigations Continued	eration in Great Lakes Region
	Growth and Life History of King Salmon In-	Fish Meal:
	vestigated	16 Plant Being Built in Great Lakes Region
	· · Pelagic Fish Population Survey Continued	Great Lakes:
	Sea Otter Population Survey	17 Lake Trout Hatchery and Planting Program
	Chesapeake Bay:	17 Contract for Water Research in Lake Michi-
	· · Research Conference Points Up Problem Areas	gan Awarded by U. S. Public Health Service Gulf Exploratory Fishery Program:
		17 Shrimp and Menhaden Investigations in the
	Federal Aid for Sport Fish and Wildlife Restoration:	Gulf of Mexico
	Funds Apportioned to States, Fiscal Year	18 Shrimp Gear Studies Continued
	1964	Gulf Fishery Investigations:
	Federal Purchases of Fishery Products:	19 Shrimp Distribution Studies
	Department of Defense Purchases, Fourth	Hawaii:
	Quarter 1963: • • October 1963	19 Skipjack Tuna Landings, January 1964

COMMERCIAL FISHERIES REVIEW Vol. 26, No. :

CONTENTS (CONTINUED)

Page			Page	
	,	TRENDS AND DEVELOPMENTS (Contd.):	F	OREIGN:
		Industrial Fishery Products:		International:
		U. S. Fish Meal and Solubles:		Commission for Technical Cooperation in
20		Production and Imports, 1962-63		
		U. S. Fish Meal, Oil, and Solubles:	40	Specialist Meeting on Crustaceans Held in
20		Production, December 1963		Zanzibar
20		Production by Areas, January 1964 Major Indicators for U. S. Supply, January	a second as a second	European Economic Community:
21	• •	Major Indicators for U.S. Supply January		Tariff Quotas on Some Fishery Products
41		1004 and December 1002		Granted to Certain Member States
		1964 and December 1963		
		Marketing:		European Free Trade Association:
21		Edible Fishery Products Prospects in 1964	40	Tariff Reduction on Certain Fishery Prod-
		National Fisheries Center:		ucts
22		Trained Dolphins Will be Featured		Fishing Limits:
44			41	
0.0		North Atlantic Fisheries Investigations:		Limits Proposal at European Fisheries
23		Winter Distribution and Abundance of Ground-		
		fish Species Studied		Conference in London
		North Pacific Exploratory Fishery Program:		Fish Meal:
25		Survey of Deep-Water Marine Fauna off	42	Production and Exports for Selected Coun-
		Mouth of Columbia River Continued		tries, January-November 1963
				Food and Agriculture Organization:
~ ~		Oceanography:	10	
25		Deep-Diving Submarine for Woods Hole	42	Advisory Committee on Marine Resources
		Oceanographic Institution	and State	Research Meets in Rome
27	Π.	New Oceanographic Vessel for Biological	42	World Oceans Can Yield More Food
		Research Foundation	43	Plans for Exploration of Marine Resources
27			10	Urged by Director-General
21	• •	Puerto Rico Nuclear Center Marine Biology	10	0 0
		Program	43	World Fish Resources Must be More Wise-
28		Marine Bioacoustic Research May Aid Com-	Calific States	ly Managed
		mercial Fisheries	44	Fisheries Division Director Retires
		Pollution:	44	New Director of Fisheries Division Ap-
20		Antipollution Dam will Improve Fish Runs in		pointed
49			1.4	*
		Sacramento River	44	Experts Seek Worldwide Standards for Fish
		Quality:		ery Products in International Trade
29		Guidelines for Troll Salmon Vessels		Great Lakes Fishery Commission:
		New York State Accepts USDI Inspection for	45	Lake Trout Fishing Trends in Lake Superior
00		Fish	10	
				International Federation for the Progress of
		Salmon:		Food:
30		Atlantic Restoration Studies	45	First Nutritional Congress to be Held in
30		Massive Program to Introduce Fall Chinook	Saul Lawring	Paris
		Salmon Run in Upper Willamette River	- 1 - 5 - 5 - 5	International Pacific Salmon Fisheries Com-
		Shrimp:		mission:
20				
50		New Contracts Opened for Futures Trading	40	Regulations for 1964 Sockeye Salmon Fish-
		in Frozen Shrimp at Chicago		ery in North Pacific
32		. United States Shrimp Supply Indicators, Jan-		International Cooperative Investigations of
		uary 1964		the Tropical Atlantic:
		Tuna:	46	Proposed Plans for EQUALANT III
20			47	Purposed Flans for Excording Paragerol
54	* *	Fishing Base in Palau Islands Planned by	41	Bureau of Commercial Fisheries Research
		California Firm		Vessel Participates in EQUALANT III
		United States Fisheries:		North Pacific Fur Seal Commission:
33		. Commercial Fishery Landings, 1963	48	Convenes in Moscow for Annual Meeting
34		Fish Sticks and Portions, October-Decem-		
		ber 1963		Organization for Economic Cooperation and
			1 40	Development:
		U. S. Fishing Vessels:	48	Fisheries Committee Meeting Held
		Documentations Issued and Cancelled:		Whaling:
35		December 1963	49	Outlook for 1963/64 Antarctic Season
35		. 1963 with Comparisons		Australia:
		U. S. Foreign Trade:	50	
36			50	Tuna Long-Lining Survey
50	• •			Bulgaria:
		Districts, January-December 1963	51	Plans for Fishing Fleet
36		. Airborne Imports of Fishery Products, No-	51	High-Seas Fisheries Development Aided by
		vember 1963		Soviets
37				Canada:
		ber 1963	51	
			51	New Smoked Fish Regulations
2.0		Wholesale Prices:	52	British Columbia Shucked Oyster Production
38	* 1	. Edible Fish and Shellfish, February 1964	1	1963

Contents continued page III.

A 1964

CONTENTS (CONTINUED)

112			Page			
Pa	I	FOREIGN (Contd.): Chile:				OREIGN (Contd.): New Zealand:
5		Anchoveta Reappear off Northern Chile Communist China:	66			Exploratory Fishing and Marine Research Norway:
5		Fisheries Trends Denmark:	66	• •		Exports of Canned Fishery Products, Janu- ary-October 1963
		Fisheries Trends Fishery Products Exports, January-Septem-	67	• •		Norwegian Firm to Establish Fish Stick Plant in New Bedford, Mass.
	i	ber 1963 Vessel Stability Regulations and Recom-	68			Antarctic Whale Oil Production, February 8, 1964
5		mendations	6.9			Panama: Fisheries Trends, 1963, by Carlos A. Arose-
Ę		Danish Fishermen Protest Careless Disposal of Soviet Fishing Gear	00	• •		mena Lacayo Peru:
5	1	Copenhagen Fisheries Trade Fair to be Held in September 1964	70			Record Anchoveta Catch Forecast in 1964
•		Honduras:	71			Fisheries Catch Off in 1963 Peruvian Facilities of United States Fishery
5	a 8	Fisheries Investment Opportunity Iceland: Fishermen Protest Ex-Vessel Groundfish	11	• •		Firm to be Extended Poland:
•	··· •	Prices	71			Fishing Base Reported Planned in Canary Is.
Ę	9, .	Government Passes Bill to Aid Fishing In- dustry				lands Portugal:
		Ireland:	71			Fisheries Trends, January 1964
	5	Israel:	Sp. man			New Freezer-Trawlers Planned Rumania:
1	5	Japan:				Another Stern Trawler Ordered from Japan St. Pierre:
		Frozen Yellowfin Tuna Export Market Trends Frozen Tuna Exports to Europe and Africa	72	• •		Harbor and Processing Facilities Improved Sudan:
	6		72			Soviet Fishery Technicians Complete Survey of Red Sea Waters
	€	Exports of Canned Tuna, January-October	7.9			Sweden:
	€	1963 More Tuna Vessels Move to New Caledonia	12	• •		Withdrawal from International Whaling Con- vention
	€	Area of South Pacific Tuna Transshipment Base in Costa Rica Planned	73			Tanganyika: Fishery Resources Surveyed by Japanese U.S.S.R.:
	€	Bottomfish Vessel Operations for 1964 in	73			Fishery Plans for 1964
		Eastern Bering Sea Approved	73			Construction Started of Ninth Factoryship
	€	New Salmon Factoryship to be Built by Fish-	73	• •		Soviet Vessels Being Built in Japan
	€	ing Firm Fishery Developments in West Africa	74	• •		Soviet Interference with Danish Fishing Op- erations Claimed
	6	Fish Meal Imports from Peru Approved	74			Salmon Farming in Latvia
	€	Consolidation of Whaling Operations in Brazil Being Studied by Two Japanese Fishing				Siberian Fresh-Water Fisheries United Kingdom:
	6	Firms Whaling Pages in South America to be Sou	75	• •	•	Fishery Loans Interest Rates Revised
100		Whaling Bases in South America to be Sur- veyed by Whaling Firm	75	• •		British Introduce New Reserve Auction First Sales Prices for Fish Landings
	€.	Decision on Sale Offer of Netherlands Whal-				New Freezer-Trawler Launched
	6.	Ing Factoryship Postponed New Oceanographic Vessel Delivered Republic of Korea:	76	• •		British Freezing Equipment Ordered for Ko- rean Fish-Factoryship
	6.	Italian-French Contract to Build Fishing Vessels Modified				EDERAL ACTIONS: Department of Commerce:
		Mexico:	77			Bureau of the Census: Economic Census of Commercial Fishing
18	6.	Large-Scale Expansion of Fisheries Indus-	77	• •		Industry Planned
18	Б.	tries Planned First of Five Multiple-Use Fishing Vessels				Department of Health, Education, and Welfare: Food and Drug Administration:
		Received from Netherlands Morocco:	77			Amendment Requested in Standard of Iden-
0 6						tity for Canned Tuna Bublic Hearing on Standards of Identity for
0 E	3	New Tuna Cannery Being Built in Tangier Canned Sardine Market Trends and Exports, 1963	77	• •		Public Hearing on Standards of Identity for Frozen Raw Breaded Shrimp Interstate Commerce Commission:
0.5	3	Netherlands:	78			Charge for Less-Than-Carload Shipments
	5	Fisheries Trends, 1963				Approved
		Whaling Factoryship Offered for Sale to Japan	78			Small Business Administration: Assistance for Economic Injury Suffered by

Contents continued page IV.

COMMERCIAL FISHERIES REVIEW

Vol. 26, No.

CONTENTS (CONTINUED)

FEDERAL ACTIONS (Contd.): Treasury Department: Bureau of Customs: Groundfish Fillet Import Tariff-Rate Quota for 1964	Page FEDERAL ACTIONS (Contd.): 79 . Eighty-Eighth Congress (Second Session) RECENT FISHERY PUBLICATIONS: 82 . Fish and Wildlife Service Publications 85 . Miscellaneous Publications
79 Imports of "Herring Salad" Dutiable at 20 Percent Ad Valorem	

Created in 1849, the Department of the Interior--a department of conservation--is concerned with the management, conservation, and development of the Nation's water, fish, wildlife, mineral, forest, and park and recreational resources. It also has major responsibilities for Indian and Territorial affairs.

As the Nation's principal conservation agency, the Department works to assure that nonrenewable resources are developed and used wisely, that park and recreational resources are conserved for the future, and that renewable resources make their full contribution to the progress, prosperity, and security of the United States--now and in the future.



Editorial Assistants: Ruth V. Keefe and Jean Zalevsky

Compositors: Alma Greene (Sr.); Dorothy Stein (Jr.)

* * * * *

<u>Photograph</u> <u>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.

Pp. 25 (left) and 26--Office of Naval Research, Dept. of the Navy; pp. 68-70--Carlos A. Arosemena Lacayo; p. 73--R. C. Naab.

For sale by the Superintendent of Documents, U. S. Government Printing Office, Washington, D. C. 20402. Price 60 cents (single copy). Subscription Price: \$5.50 a year; \$2 additional for foreign mailing.