JOHN L. FARLEY, DIRECTOR



ERCIAL FISHERIES REV



Page

6 Page

24

27 28 28

29

30 31

32

33

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. (8/31/57) August 2, 1955.

CONTENTS

COVER: These ten trawlers were part of an over-all shipbuilding program designed to reestablish Korea's war-shattered fishing industry, on which that country depends for some 80 percent of its protein. The photograph shows the ten trawlers shortly after they were launched at the shipyard in Kowloon, Hong Kong, early in 1955. Originally purchased by UNKRA for the Korean fishing industry, these vessels recently were purchased by a new private Korean fishery firm (see p. 79 of this issue).

			Pa
Georges Bank Haddock FisheryChanges in Scrod Abun	idance ii	Recent Years, by John R. Clark	
Bleeding and Heat Death in the Southern Oyster, by Milton			
New Diving Sled, by Reidar F. Sand			
	Page		Pa
RESEARCH IN SERVICE LABORATORIES:	8	TRENDS AND DEVELOPMENTS (Contd.):	
Experimental Fish Meal Dryer	8	Chub Population Studies in Lake Huron by	
Experimental Bulk Ocean Shipments of Alaska		M/V Cisco (Cruise 4)	2
Herring Meal	8	Ionizing Radiation Center Planned	2
Processing Studies on Menhaden Meal	9	Market Outlook for Fishery Products	2
Converting Fish Scales into Animal Food	10	National School-Lunch Program	2
Salmon Waste as Bait	11	Maine:	
Breaded Shrimp Interim Federal Specification	11	New Sardine Film	2
TRENDS AND DEVELOPMENTS:	12	North Atlantic Fisheries Exploration and Gear Research	ch:
California:		Different Types of Trawl Nets Tested (M/V	
Abundance Determination of Sardines and Anchovies		Delaware, Cruise 23 and M/V Albatross III	
in Central California (Airplane Spotting Flight		Cruise 79)	24
56-6)	12	Midwater Trawling by M/V Delaware from Georges	5
First Silver Salmon Taken in Sacramento River .	13	Bank to St. Pierre Bank Yields No Fish (Cruise 24	
Albacore Tuna Tagged by M/V N. B. Scofield		and 25)	2
(Cruise 56-S-3)	13	North Atlantic Fisheries Investigations:	
Clipper Tags Yellowfin and Skipjack Tuna	10	Biologists Tag First Ocean Perch	28
(M/V LuckyStar,Cruise 56-C-3)	14	Materials for Groundfish Food Habits Study	
CansShipments for Fishery Products, January-	7.7	Collected by M/V Albatross III (Cruise 80)	28
June 1956	14	North Atlantic Herring Research:	-
Federal Purchases of Fishery Products:	14		
Fresh and Frozen Fishery Products Purchased by		Coastal Waters of Eastern Gulf of Maine Ex-	
the Department of Defense, July 1956	15	plored for Herring by M/V Metacomet	29
	70	(Cruise 5)	21
Canned Fishery Products Purchased Through	-	North Pacific Exploratory Fishery Program:	
Quartermaster Market Centers, April-June	15	Albacore Tuna and Salmon Distribution in Off-	
1956	16	shore Waters Studied by John N. Cobb	30
Films		(Cruise 28)	30
Fish Hatcheries	17	Oysters:	31
Frozen Foods Temperature Tolerance Fur Seals:	17	Summer 1956 Set in Chesapeake Bay Area	27
Service Begins Harvesting Female Seals of		South Atlantic Exploratory Fishery Program:	
D. T. T. Cry. 1	10	Round-the-Clock Trawling by M/V Combat Yields	32
Pribilof Herd	18	Excellent Catches of Red Shrimp (Cruise 4)	34
	1833	Experimental Shrimp Trawling in Key West-	
Walleye Abundance in Saginaw Bay During Summer Studied by M/V Cisco (Cruise 3)	10	Tortugas Area by George M. Bowers	33
Studied by M/V CISCO (Crinse 3)	19	(Cruice 6)	00

CONTENTS (CONTINUED)

	Page		Pag
TRENDS AND DEVELOPMENTS (Contd.)		FOREIGN (Contd.)	
South Carolina:		France (Contd.):	
Oyster Laws Revised	34	Review of the Fisheries, 1955	68
Tuna;		French West Africa:	
Albacore Being Sought off Oregon-Washington		Canned Sardine Market	68
Coast	34	Albacore Tuna Fishing	69
United States Fishing Fleet Additions	35	German Federal Republic:	
U. S. Foreign Trade:		Inauguration of 1956 Deep-Sea Fishing Season	69
Edible Fishery Products, May-June 1956	36	Gold Coast:	00
Groundfish Fillet Imports Drop 6 Percent in		Canned Sardine Market	70
August	37	Iceland:	10
Imports and Exports of Selected Fishery	0,	Fisheries Trends, January-July 1956	70
Products, January-June 1956	37	Large Number of Filleting and Skinning Machines	10
Wholesale Prices, August 1956.	38	Purchased	71
FOREIGN:	41	New Trawlers Ordered From West German	
International:		Shipyard	71
U. N. International Law Commission:		North Coast Herring Season	71
Conference on Law of the Sea Proposed	41	Review of the Fisheries, 1955	72
Food and Agriculture Organization:		Winter Fishing Season, 1956	72
Edible Fish Meals	42	India:	12
International Congress on Canned Foods	44		73
(Northern European) International Fisheries	77	Dried Shrimp Industry Facing Crisis First Freezer Vessel to Handle Shrimp	73
Convention:		New Fish Freezing Plant Proposed	74
Fifth Meeting of Permanent Commission	44		14
Mediterranean Fisheries Council:	TI	Japan:	74
Proposes Investigation of Mediterranean Fish		Canned Salmon Pack and Sales Plan for 1956	14
	45	North Pacific High Seas Salmon Fishing	74
Migrations	40	Developments	14
	1	Costs of Joint United States-Japanese Canned	75
International Whaling Commission Eighth Annua Macting	46	Tuna Advertising Studied	76
Meeting	40		10
Algeria:	47	Measures Taken for Orderly Marketing of	76
Canned Sardine Market	41	Canned Tuna to United States	77
			77
Act Setting Up Fund to Develop Fisheries	49	Tuna Vessels to Fish in African Waters	11
Passed	49	Fishery Products Lead in Food Products Ex-	77
Cultured Doord Form	51	ported to United States in 1955	78
Cultured Pearl Farm	9T	Marine Fishing Fleet	10
	52	Number and Type of Operators in the Marine	78
and Whaling Established	52	Fisheries	10
Western Australia Shrimp Survey	53	Republic of Korea:	79
"White" Spiny Lobster Seen as Moulted	99	Fishery Firm Buys Trawlers Imported by UNKRA. Liberia:	10
	55		80
Adolescent	99	Import Duties on Fishery Products Lowered	00
	EC	Luxembourg:	80
Canned Sardine Market	56	Canned Sardine Market	00
Belgian Congo:	EO	Malaya:	81
Canned Sardine Market	58	Development of Sea Fisheries Under Way	OI
Burma:	58	Japanese Firm Studies Possibilities of Pearl	81
Canned Sardine Market	98	Culture	01
Canada:		Mexico:	
Aureomycin Use on Fish Accepted by Authorities. Fresh Silver Salmon Exports Prohibited After	59	Japanese-Mexican Fishing Company Plans Have	82
	50	Not Materialized Yet	82
August 31	59	West Coast Shrimp Season off to Good Start	02
Pearl Essence Produced on West Coast	60	New Caledonia:	82
	CO	Tuna Resources Studied	02
Fish Consumption Down	60	New Zealand:	83
Lift-up Wheelhouse for Seiners	60	Canned Sardine Market	00
	CO	Norway:	84
Regulations Affecting Fisheries	60	Fisheries Trends, January-June 1956	85
Egypt: Canned Sardine Market	61	Frozen Fish Exports	85
Formosa:	OT	World's Longest Salmon Ladder	00
Canned Sardine Market	62	Peru:	85
France:	02	Fisheries Trends, August 1956	-
Fish Canning Industry and Canned Sardine		Canned Sardine Market	85
Market.	63	Callied Sal dule Walket	
	00		

CONTENTS (CONTINUED)

OREIGN (Contd.):	Page
Portugal:	
Number of New Fishing Vessels to Operate at	
Each Fishing Port to be Regulated	86
Fisheries Trends, May 1956	87
Canned Fish Pack, January-March 1956	87
Canned Fish Exports, January-May 1956	88
Spain:	
Fisheries Trends, July 1956	88
Switzerland:	
Canned Sardine Market	89
Union of South Africa:	
Canned Sardine Market	90
Controlled Fish Meal Price Increased	91
Fisheries Trends, July 1956	91
Union of South Africa - South-West Africa:	
Fishing and Processing Levy to Finance Pil-	
chard Research	92
U. S. S. R.:	
Larger Fishing Fleet Operating Near Faroe	
Islands	92
Report on Fishery Research by Norwegian	
Scientist	92
United Kingdom:	02
Commercial Test for Aureomycin-Stored Fish	93
Fishing Industry Subsidies and Grants Changed .	94
Fish Meal Growing in Importance	95
Large All-Welded Trawler Built	96
Research on Handling and Preserving Fish	98
and I tool ville I toll	00

FOREIGN (Contd.):		Page
Venezuela:		
Fish Canners Want Marketing Monopoly Manufacture of Fish Meal From Whole Fish	• • •	99
Prohibited		99
Territorial Waters, Continental Shelf, and		
Fisheries Law		99
		00
Vietnam:		100
Canned Sardine Market		100
Japan-Vietnam Commercial Fishing Agreeme		101
Inaugurates Deep-Sea Fishing		101
Yugoslavia:		
New Fish Canneries and Meal Plants		102
FEDERAL ACTIONS:		103
Federal Trade Commission:		
Price Fixing on King Crabs in Alaska Charge	d	103
FISHERY INDICATORS:		105
Chart 1 - Fishery Landings for Selected States		105
Chart 2 - Landings for Selected Fisheries		
Chart 3 - Cold Storage Holdings and Freezings		
of Fishery Products		107
Chart 4 - Receipts and Cold-Storage Holdings of		
ery Products at Principal Distribution Centers		108
Chart 5 - Fish Meal and Oil Production - U. S.		200
		108
and Alaska		700
Chart 6 - Canned Packs of Selected Fishery		100
Products		109
Chart 7 - U. S. Fishery Products Imports		110
RECENT FISHERY PUBLICATIONS:		111
Fish and Wildlife Service Publications		111
Mina II Dublinations		119



Editorial Assistant -- Ruth V. Keefe

Illustrator -- Gustaf T. Sundstrom

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

* * * * *

<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.

Cover and p. 79--Visual Information Section, United Nations Department of Public Information; p.9--N. B. Wigutoff; p. 24--Bob Munns; p.38--J. Pileggi; p. 84--"Norway Fisheries and Fish Processing;" p. 103 and outside back cover--G. T. Sundstrom.