



# COMMERCIAL FISHERIES REVIEW



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

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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.

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COVER: Royal-red shrimp (*Hymenopenaeus robustus*) caught in a depth of over 200 fathoms off Dry Tortugas by the Service's exploratory fishing vessel Oregon. These shrimp, when headed, will average 21-30 count. (See pp. 1-12 of this issue.)

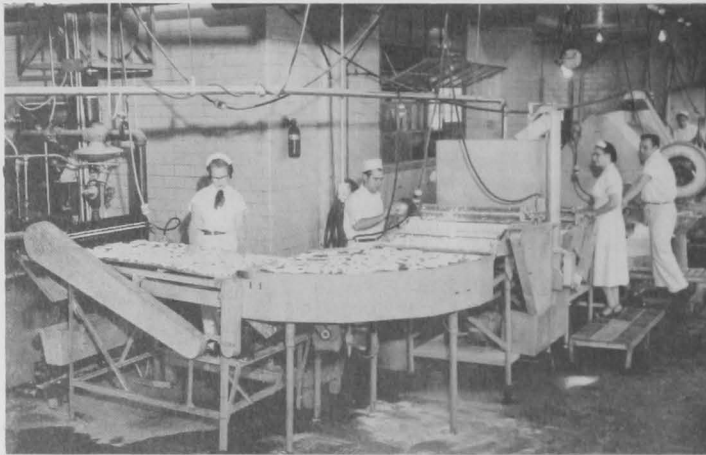
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## PREPARATION, FREEZING, AND COLD STORAGE OF FISH, SHELLFISH, AND PRECOOKED FISHERY PRODUCTS

Fishery Leaflet 430 (Refrigeration of Fish - Part 4, "Preparation, Freezing, and Cold Storage of Fish, Shellfish, and Precooked Fishery Products"), is one of a series of five leaflets on the refrigeration of fish. This leaflet deals in detail



Coated raw fish sticks leaving breeder machine enter right-angle conveyor belt and are carried to the continuous cooker. Girl at left is examining breaded product for possible defects.

with the various processing and freezing operations developed by the widely-diversified fishing industry. Section one of the leaflet takes up the preparation of fish for the markets as practiced in various sections of the United States. Section 2 deals with shellfish and the processing required for each marketed form. Section 3 includes similar details on such rapidly-growing "heat and serve" or "ready-to-eat" fishery products as breaded shrimp, fish sticks, and many others.

"Cold Storage of Fishery Products"--Fishery Leaflet 429--has been released and both leaflets may be obtained free from the Division of Information, U. S. Fish and Wildlife Service, Washington 25, D. C.

In addition to Part 4 of this series, Part 3, "Factors to be Considered in the Freezing and



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