

Will Salt Black Cod.

Newt Casperson of Ketchikan, has opened up a saltery in that town and expects to pack black cod and various other species. As black cod are becoming more popular every day the business should prove a profitable one, and will also furnish an outlet for the catch by the halibut men of this species.

Fishing Fleet Movements.

Schs. Virginia, Frances J. O'Hara, Jr., and Patriot arrived at Liverpool, N. S., Saturday and cleared for fishing. Sch. B. A. Smith arrived at Shelburne, N. S., Saturday and cleared.

"Glory of the Seas" to Operate.

The floating freezer, "Glory of the Seas," owned by the Glacier Fisheries Co., of Seattle, will be operated as a freezer in Southeast Alaska the coming season. The vessel was laid up last season.

Mch. 25.

NEW HALIBUT BANKS FOUND

Is Right Off Coast of Oregon - Covers 250 Square Miles.

During the summer of 1914 the Department of Commerce, through the Bureau of Fisheries, conducted an exploration of certain fishery grounds off the coast of Oregon and Washington to determine particularly, if halibut were present in sufficient quantities to support a fishery. The fishery steamer Albatross was used for this survey. The survey covered, as well as time permitted, the area inshore of the 100-fathom curve, from just north of Grays Harbor, Washington, nearly to Cape Blanco, Oregon. A halibut ground of some value was found off Newport, Oregon, covered an area of approximately 250 square miles. The run of fish on this bank reaches its maximum in August and September, but apparently is of commercial importance as early as June, and probably some halibut could be taken in the latter part of April.

As an immediate result of the Albatross findings, fishermen made 21 trips to the ground, taking about 350,000 pounds of halibut, valued at about \$24,000. Trips yielding 40,000 pounds were made in four days or less. Irrespective of the abundance of fish, weather conditions and the lack of harbors will inhibit fishing excepting from April to October. Several smaller areas off Grays Harbor and Coos Bay may be expected to produce halibut in limited numbers; and the entire coast of Oregon was found to abound in flounders, soles, rock cod and black cod—a valuable food supply when market conditions warrant its exploitation.

The report on the investigation, with charts, will soon be issued, and may be obtained on application to the Bureau of Fisheries, Washington.

MONSTER FARE FOR THE BILLOW

Big Steam Trawlers Has 170,000 Pounds, Mostly Haddock—Prices Are Off.

With the arrival of two more beam trawlers with big fares and five sailing crafts from off shore, fresh fish prices took another drop at Boston today.

The steamer Billow brought in a 170,000 pound fare, mostly all haddock, while the Spray had 107,000 pounds. Other off shores in were schs. Pontiac, Richard, Fannie Belle Atwood and Josephine DeCosta. T wharf had one arrival, the Nettie yesterday with 700 cod.

Wholesale quotations were \$1.25 to \$2.50 per hundred weight for haddock, \$3 for large and \$1.50 to \$2 for market cod, \$3 for hake, \$1.75 for pollock and \$1.50 for cusk.

Boston Arrivals and Receipts.

The arrivals and receipts in detail are:

ARRIVALS AT T WHARF.

Sch. Nettie, 700 cod.

ARRIVALS AT BOSTON FISH PIER.

Sch. Josephine DeCosta, 20,000 haddock, 8000 cod, 7000 hake, 20,000 cusk.

Sch. Mary DeCosta, 3000 haddock, 1400 cod, 1200 hake.

Str. Billow, 152,000 haddock, 18,000 cod.

Sch. Leonora Silveria, 4000 haddock, 1100 cod, 4600 hake.

Str. Spray, 100,000 haddock, 7000 cod.

Sch. Edith Silveria, 3000 haddock, 1000 cod, 1000 hake.

Sch. Russell, 6000 haddock, 5700 cod, 4000 hake, 1000 cusk, 1500 pollock.

Sch. Mary E. Sennett, 400 haddock, 4500 cod, 2000 pollock.

Sch. Fannie Belle Atwood, 32,000 haddock, 4000 cod.

Sch. Rose Standish, 1700 haddock, 2200 cod, 1200 pollock.

Sch. Richard, 28,000 haddock, 8000 cod, 8000 hake, 1000 halibut.

Sch. Pontiac, 40,000 haddock, 2500 cod, 3000 hake, 17,000 cusk, 3000 pollock, 1800 halibut.

Haddock, \$1.25 to \$2.50 per cwt.; large cod, \$3; market cod, \$1.50 to \$2; hake, \$3 to \$6; pollock, \$1.75; cusk, \$1.50.

Putting in Engines.

The work of installing the two 55 horse power engines in sch. Norma, which is to be commanded by Capt. John McKinnon in mackerel seining, is now going on.

Going Pollock Seining.

Capt. John F. Vautier is fitting steamer Bessie M. Dugan for pollock seining, as the fish are reported schooling off Wood's Island, Small Point and Segun.

ONE CRAFT IS DOWN TO SPLIT

Gill Netters Report Pollock Seem to Have Struck Off Again.

Outside of the sch. Ralph Brown which brought down 40,000 pounds of fresh fish from Boston to split, the only arrivals since yesterday were the gill netters with about 35,000 pounds.

Most of the day's receipts was haddock, Pollock which have been schooling for several days seem to have disappeared again, for the boats yesterday had only small catches.

Today's Arrivals and Receipts.

The arrivals and receipts in detail are:

Sch. Ralph Brown, via Boston, 40,000 lbs. fresh fish.

Str. Ethel, gill netting, 1000 lbs. fresh fish.

Str. Medomak, gill netting, 1200 lbs. fresh fish.

Str. Carrie and Mildred, gill netting, 2000 lbs. fresh fish.

Str. Nora B. Robinscn, gill netting, 3000 lbs. fresh fish.

Str. Dolphin, gill netting, 1800 lbs. fresh fish.

Str. Hugo, gill netting, 400 lbs. fresh fish.

Sch. Little Fannie, gill netting, 3500 lbs. fresh fish.

Str. Mystery, gill netting, 1000 lbs. fresh fish.

Str. Anna T., gill netting, 4000 lbs. fresh fish.

Str. Robert and Edwin, gill netting, 2000 lbs. fresh fish.

Str. Quoddy, gill netting, 2000 lbs. fresh fish.

Str. Enterprise, gill netting, 1000 lbs. fresh fish.

Str. Sawyer, gill netting, 2500 lbs. fresh fish.

Str. Orion, gill netting, 1500 lbs. fresh fish.

Str. Evelyn H., gill netting, 3000 lbs. fresh fish.

Str. Lorena, gill netting, 800 lbs. fresh fish.

Str. Julia May, gill netting, 2000 lbs. fresh fish.

Str. Quartette, gill netting, 750 lbs. fresh fish.

Str. Sunflower, gill netting, 3500 lbs. fresh fish.

Vessels Sailed.

Sch. Actor, shore haddocking.

TODAY'S FISH MARKET.

Salt Fish.

Handline Georges codfish, large, \$5 per cwt.; medium, \$4.25; snappers, \$3.

Georges, halibut codfish, large, \$5; medium, \$4.25.

Eastern halibut codfish, large, \$4.25; medium, \$3.75; snappers, \$3.

Cusk, large, \$2.50; medium, \$1.75; snappers, \$1.50.

Hake, \$1.50.

Haddock, \$1.75.

Pollock, \$1.50.

Newfoundland herring, \$3.25 per bbl. for salt bulk, \$4.25 per bbl. for pickled.

Fresh Fish. Splitting prices: Haddock, \$1.10 per cwt. Western cod, large, \$2.25; medium, \$1.50; snappers, 75c. Eastern cod, large, \$2; medium, \$1.50; snappers, 75c. All codfish, not gilled, 10c per pound less than above. Hake, \$1.25. Cusk, large, \$1.75; medium, snappers, 50c. Pollock, round, 80c; dressed, Fresh halibut 13 1-2c for white, 9 1-2c for grays.

Newfoundland frozen herring 1b.

Norwegian Fishery.

The Norwegian fishery is improving as the weeks go on, and gap between the two years is relatively today than it was last year. The figures that reach us this morning are sixteen and a half million in this year, against eighteen and a half million for the same period last year. We have not received any report of the oil crop for this season, but presume it will come to hand in a few days. It will be many weeks before we can venture on the Norwegian fish catch for this year. St. John's Trade Review.

Porto Rico Fish Market.

San Juan, Porto Rico, March 25. We confirm our last report of inst., since when the following of fishstuffs have been received from New York: str. Carolina, Grayson and str. from New York:

At San Juan—339 tcs. cod, pollock, 30 tcs. haddock, 23 tcs. bbls. pickled fish, 1,170 bxs. bbls. bxs. salmon.

At Ponce—484 tcs. cod, 15 tcs. lock, 20 tcs. fish, 118 bbls. pickled, 65 bxs. salmon, 1,000 bxs. bbls.

At Mayaguez—105 tcs. cod, 20 tcs. pollock, 23 tcs. haddock, 20 tcs. pickled fish, 25 bxs. salmon.

Br. schr. Benjamin C. Smith Lunenburg, N. S.:

At Ponce—351 tcs. and 171 bbls. 300 bbls. split herring.

Codfish is under pressure of liberal supplies. Our local market have eased off on small and medium cod, which are being sold to about \$31.50 per cask of 48 lbs. usual basis, net ex wharf. Ho-

a Lunenburg cargo just arrived. Ponce are asking \$32.50 for cod, but thus far have been unsuccessful. There is no change in quotation of \$34.50 for large cod.

Stocks of pollock and haddock almost nil, and next arrivals will be \$25 per drum and up.

Ramirez & Co.

The Ice Report.

As telegraphed by the Montreal signal service, Quebec Halifax board of trade, March 25.

Cape Salmon, Cape Chatter, Ten Islands—Heavy, close, no Father Point, Fame Point, Maquereau—Heavy, open ice where.

Cape Magdalen, Point E Heath Point, Scatar, Mone Heavy, close packed everywhere.

Cape Ray, Point Tupper, south, west points Anticosti, Flat Point—Light, close to shore.

St. Paul's Island—Light, ice distant.

McH. 25

# TUNA FISH ARE NOT MACKEREL

The Board of United States General Appraisers at New York city a short time ago overruled the protests of Meyer & Lange and Farodi, Erminio & Co. against the collector's assessment of tunny fish at 30 per cent. ad valorem under paragraph 270 of the 1909 tariff act. The fish was claimed to be dutiable at 1 1-4 cents per pound under paragraph 273 as mackerel.

General Appraiser Brown, writing the opinion for the board, said:

The importer proved by Dr. R. C. Osburn, assistant professor of zoology in Columbia University, and assistant director of the New York aquarium, that scientifically tunny fish belonged to the same family as mackerel. He testified that tunny fish ranges around the world in warmer waters; that it is found widely distributed in the Pacific and Atlantic oceans and the Mediterranean seas; that it comes as far north in the North Atlantic as Nova Scotia; that it is a large fish, ranging over 1,000 pounds in weight; that in the Mediterranean it runs about 300 to 600 pounds, and on this coast it runs considerably larger. That it is known sometimes as a tunny or horse mackerel on this coast. Further that the chub, Spanish mackerel, albacore, ocean bonito and other bonitos were all of the mackerel family; that the difference in relationship between horse mackerel and common mackerel is about as marked as the difference between the Spanish mackerel and common mackerel; that all these fish were recognized by scientists throughout the world as members of the family; that the albacore, another member of the family, reaches about 600 pounds, and some of the other members reach a weight of over 100 pounds.

On cross examination he said (page 2 of the record)

"There are several species of fish called horse mackerel, for instance, this tunny. Some of them do not even belong to the same group of fishes with it."

When asked if he ordered mackerel from his fish supplier, he would ever get tunny fish, he said he would get the common mackerel or the Spanish mackerel. He further said that the tunny of the Mediterranean was the bonito, or little tunny, ranging in weight from 40 to 100 pounds; also occurring on the California coast and our coast.

The government put on the stand a number of witnesses in an effort to establish a commercial definition of the term "mackerel" which would exclude tunny fish. This evidence is not altogether satisfactory, and the importer claims that the government entirely failed in this effort.

Assuming for the sake of the argument that this claim is correct and that no commercial definition has been shown, still this evidence does not, on the other hand, include tunny fish under the term "mackerel" and we are led to the conclusion that tunny fish are not included in the term mackerel, considering only the common meanings of the word.

MAY HAVE TO QUIT SEALER.

## The Eagle Caught in Ice Is Perilously Situated.

The misfortunes of the sealing fleet were increased Tuesday when word came that the steamer Eagle, with 203 men equipped for the hunt, had been crushed in the ice off Notre Dame Bay. Capt. Bishop reported the Eagle's plight to be serious. Arrangements had already been made to abandon her, he said. Veterans expressed the belief that the Eagle's crew would be forced to escape over the ice floes to Twillingate, the nearest point in Notre Dame Bay. Capt. Bishop in his message, said that he was preparing for such a trip, which would be accompanied by grave danger.

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# GRIMSBY CRAFT FOR GRAND BANK

The Grimsby steam trawler Rayond'or, Captain Jensen, has been taking on coal at Roche's wharf, sailed Tuesday night for the Newfoundland banks. The Rayond'or will engage in fishing on this side during the coming season and will make Canso her headquarters.

### Salt Fish Conditions.

Speaking of the salt fish market, the Fishing Gazette says:

"Well, we haven't got much to say; business has been pretty good with us. Of course there has been no rush. Everybody is buying conservatively, but we have had our share," said an executive of a new salt fish firm in New York last Tuesday.

Said a leading New York authority last Tuesday: "Though the Lenten season is nearing its end, demand for salt fish is only moderate and on the hand-to-mouth order. Mackerel is unsettled and easy, but without quotable change. Supplies of herring are comparatively small, but in the absence of important consuming demand prices show no improvement. Codfish is steady under a moderate jobbing demand."

"I think that the heavy consignments of codfish that I sent to Porto Rico were absorbed all right," said the executive of an eminent New York house last Wednesday. "I guess it is a case of hold up for a week or two in Porto Rico. While I don't think the market there has slumped much, if any, but we have been getting pretty stiff prices, and those people were rebelling a little. Now other markets have been opened up to us and we do not at the present time have to depend upon Porto Rico alone. Any one that is looking for cheap fish this year is going to get left. I notice that the markets in the sugar producing territories are mighty good. They had a little labor trouble down there in Porto Rico. I hope that they have things all adjusted by this time. It was not a particularly bad situation anyway."

McH. 26

# FIRST OFF-SHORE HERE THIS WEEK

## Capt. Spinney Dodges In Today With Fine Halibut Fare.

Sch. John Hays Hammond, Capt. Lemuel E. Spinney, arrived during the night, bringing the first off shore trip to port this week.

The Hammond is from Sable Island Bank and brought 28,000 pounds fresh halibut and 12,000 pounds fresh fish. Capt. Spinney reports bad weather most of the time out, but struck good fishing when the weather conditions would admit. Her trip was about as nice a fare as has been landed here for some time, mostly small fish and sold to the American Halibut Company at 14 cents a pound for white and 10 cents for gray.

Down from Boston are the steam trawlers Wave and Foam, the former with 120,000 pounds fresh fish and the latter, 100,000 pounds.

Gill netting receipts yesterday totalled about 60,000 pounds, three-fifths being haddock and pollock, and the remainder cod.

### Today's Arrivals and Receipts.

The arrivals and receipts in detail are:

- Str. Nora B. Robinson, gill netting, 2500 lbs. fresh fish.
- Str. Ethel, gill netting, 1500 lbs. fresh fish.
- Str. Quoddy, gill netting, 3000 lbs. fresh fish.
- Str. Rough Rider, gill netting, 1200 lbs. fresh fish.
- Str. Medomak, gill netting, 2500 lbs. fresh fish.
- Str. Enterprise, gill netting, 3500 lbs. fresh fish.
- Str. Quartette, gill netting, 2000 lbs. fresh fish.
- Str. Julia May, gill netting, 2800 lbs. fresh fish.
- Str. Hugo, gill netting, 600 lbs. fresh fish.
- Str. Sunflower, gill netting, 3000 lbs. fresh fish.
- Str. Anna T., gill netting, 4500 lbs. fresh fish.
- Str. Evelyn H., gill netting, 7000 lbs. fresh fish.
- Str. Bessie A., gill netting, 500 lbs. fresh fish.
- Sch. Little Fannie, gill netting, 4000 lbs. fresh fish.
- Str. Dolphin, gill netting, 900 lbs. fresh fish.
- Str. Mystery, gill netting, 1000 lbs. fresh fish.
- Str. Robert and Edwin, gill netting, 3000 lbs. fresh fish.
- Str. Carrie and Mildred, gill netting, 5000 lbs. fresh fish.
- Str. Lorena, gill netting, 1500 lbs. fresh fish.
- Str. Mary F. Ruth, gill netting, 6000 lbs. fresh fish.
- Str. Wave, via Boston, 120,000 lbs. fresh fish.
- Str. Foam, via Boston, 100,000 lbs. fresh fish.
- Sch. John Hays Hammond, Sable Island Bank, 28,000 lbs. fresh halibut, 12,000 lbs. fresh fish.
- Sch. Russell, via Boston.
- Sch. Leonora Silveira, via Boston.
- Sch. Motor, shore.
- Sch. Mary E. Sennett, via Boston.

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Vessels Sailed.

No sailings today.

## TODAY'S FISH MARKET.

### Salt Fish.

Handline Georges codfish, large, \$4.25 per cwt.; medium, \$3.75; snappers, \$2.75.  
 Georges halibut codfish, large, \$4; medium, \$3.50.  
 Cusk, large, \$2.50; medium, \$1.75; snappers, \$1.50.  
 Hake, \$1.50.  
 Haddock, \$1.75.  
 Pollock, \$1.75.

### Fresh Fish.

Splitting prices:  
 Haddock, \$1 per cwt.  
 Western cod, large, \$2; medium, \$1.60; snappers, 75c.  
 Eastern cod, large, \$1.90; medium, \$1.50; snappers, 75c.  
 All codfish, not gilled, 10c per 100 pounds less than above.  
 Hake, \$1.  
 Cusk, large, \$1.60; medium, \$1.10; snappers, 50c.  
 Pollock, round, 80c; dressed, 90c.  
 Fresh halibut, 14c per lb. for white and 10c for gray.

# FISH WITH LINE SIX MILES LONG

In the March American Magazine Cleveland Moffett writes a highly entertaining article in his "Doing the Wonders of the Deep Sea." He describes important discoveries reported by oceanographers fishing three or four miles down in the sea. The boat that has been used for this purpose by scientists for thirty years is the "Albatross." Following is an extract from Mr. Moffett's article:

"The 'Albatross' fishes with a line three mile long, often four miles long sometimes six miles long or over, a line of slender cable, but wonderfully strong, rolled off a deck winch by sputtering steam engine, that we bring up from the ocean floor a three or four-ton haul of sponges, crinoids, jelly fish, sea urchins, giant crabs, long white worms that break in two if you touch them, phosphorescent trees (really animals), sea cucumbers with hideous heads, star fish, devil fish, pelican fish, lantern fish, shark's teeth, whale ear bones, sea cows' ribs, and scores of other extraordinary things!"

"The 'Albatross' follows no beaten paths of commerce. She goes where other vessels rarely go. She explores forgotten corner of the seven seas, drops her great nets by day and by night, takes hundreds of soundings uncharted waters and, after a cruise of months, brings home her trophies for final safe keeping in jars filled with alcohol and labelled with Greek and Latin names. This sort of work she has been doing for thirty years, ever since George W. Baird designed her engines for the United States fisheries service in 1882. It is worthy of note that the 'Albatross' was the first steel steamer built in America."