



Progress on Projects, February 1954

FREEZING FISH AT SEA--NEW ENGLAND: The specifications for repair of the Service's research trawler Delaware were reviewed by the American Bureau of Shipping and by an independent qualified marine architect. Minor changes were made in the specifications. Invitations to bid on the projected repairs to the Delaware were issued for circularization contingent upon release of funds to carry out the work. Opening of bids is scheduled for March 4.

(Boston)

VITAMIN CONTENT AND NUTRITIVE VALUE OF FISHERY BYPRODUCTS: The proximate composition, and riboflavin and niacin content of 23 menhaden meals and 7 crab meals were completed. The results are:

Proximate Composition, and Riboflavin and Niacin Content of Menhaden and Crab Meals

Sample	Number of Samples	Value	Proximate Composition			Vitamin Content (mois- ture-and-oil free basis)	
			Moisture	Oil	Protein	Riboflavin	Niacin
			Percent	Percent	Percent	Micrograms Per Gram	Micrograms Per Gram
Menhaden Meal	23	Maximum	10.77	13.50	65.94	7.0	91
		Minimum	7.24	6.54	50.06	2.6	42
		Average	9.21	9.54	58.95	4.0	66
Crab (Blue) Meal	7	Maximum	10.65	3.80	34.06	13.5	40
		Minimum	7.16	2.31	27.19	0.9	36
		Average	8.77	2.86	30.33	8.7	38

(Seattle)



LINES COILED AUTOMATICALLY

An Icelandic invention has been patented which is operating on line fishing boats. The apparatus places the line, as it is pulled in by the winch, in coils into a half barrel.

--World Fisheries Abstracts, March-April 1953.