

would cost the manufacturer extra to make it above what the fisherman would do it for.

**Mr. Crosbie** But you would have a better cure.

**Mr. Job** A more regular cure.

**Mr. Crosbie** First when we started we could not get our men to sell us the fish, but now they won't make it themselves any more.

**Mr. Job** But you are handling heavy-salted fish?

**Mr. Crosbie** We take both.

**Mr. Smallwood** Where do you get the shore fish?

**Mr. Crosbie** Down around Harbour Grace.

**Mr. Smallwood** You make it?

**Mr. Crosbie** Oh yes, we have not money enough to put in a dryer....

**Mr. MacDonald** Might I ask Mr. Job if the quality of artificially dried fish is as good as fish dried under the sun.

**Mr. Job** For certain markets it is. It makes a very good Madeira fish, but you don't get the light-salted fish, you can't do it.

**Mr. Hickman** I would ask Mr. Job to turn to page 11 of the Appendix, where your Committee "see the need of additional staff to investigate scientifically our fisheries". I was wondering if you could give us a little detail on that. Has the Committee gone into the cost, or how many would be required, or what scientific investigation would have to be made over and above what they are doing today?

**Mr. Keough** The Committee goes on to say that a proportion of public money should be spent on research, and some on the herring industry, but the Committee did not go into it in any detail. The money being spent is decidedly inadequate.

**Mr. Job** I noticed yesterday that a biologist had been appointed to assist Dr. Templeman.

**Mr. Hickman** It probably came out of your report.

**Mr. Chairman** Is the Committee ready for the question? It has been moved and seconded that this section do pass as read — carried unanimously.

*[The Secretary continued reading the report, and the committee then adjourned until 8 pm. When the committee reconvened, the Assistant Secretary read Appendices C and J.<sup>1</sup>]*

**Mr. Hickman** On page 3 of Appendix C, talking about research, it says "Unfortunately in our country, our government has not had the vision

or courage to spend large sums of money in research work on our fisheries." I understood that some time last year there was some arrangement made with the Canadian government — I was wondering if the chairman would clear that up?

**Mr. Job** That is correct.

**Mr. Crosbie** Two years ago our government agreed with the Canadian government to make a certain amount of research in the Gulf and around Canadian shores; but it was not until last fall that the boats were completed; our government subscribed \$12,000 towards that research.

**Mr. Hickman** How far would \$12,000 go? Would it get them outside the heads?

**Mr. Crosbie** I do not know what the Canadians are paying. That is our proportion.

**Mr. Smallwood** Yearly?

**Mr. Crosbie** Yes. My experience in operating research boats is that \$12,000 will last about four months. When we got the boats we were short of web to make the seine. I asked a fellow in Vancouver to let me have the loan of a seine. I found I could not get it out of Canada. I asked the Commissioner about sending someone to Canada to get some more web. He asked me if I knew that Newfoundland was a small place and did I not realise there was a shortage of twine. Through Mr. Gushue, who had met some people in Ottawa, we got the loan of a seine for which we have not been charged a penny.

**Mr. Harrington** As far as the \$12,000 is concerned I have here an editorial I wrote on the same matter some time ago.... I do not know if they pay \$12,000 each.

**Mr. Hickman** I would like to ask how long the survey would take — how long before we have definite knowledge?

**Mr. Crosbie** I am no expert, nor am I a biologist; it took the Icelandic government five years to make a complete survey. It may take one to five years. We have a large area in the Gulf, Bay of Islands, Green Bay, Fortune Bay and Notre Dame Bay. Whether there are any large quantities, we do not know. We do not know definitely about the Bay of Islands.

**Mr. Job** They have assisted in the *Explorer*?

**Mr. Crosbie** The *Western Explorer* came to this country in 1939, and cost \$52,000. After the war, when the navy was through with her, she was stripped of everything in the way of fishing

<sup>1</sup>Volume II:223, 244.