

The CHAIRMAN. You have not told us about the proposed pipe line across Florida.

Captain RUDE. That was covered pretty well this morning. I might say regarding that pipe line that the Coast and Geodetic Survey has a line of precise levels extending from Port St. Joe to the St. Johns River practically along the line that the proposed pipe line would be laid, or along the route that would probably be followed by the pipe line. The highest point on that line of levels is only 202 feet, and that is about 55 miles west of Jacksonville. Down farther, where the canal would go across, it is not that high.

Mr. JOHNS. I do not know whether you have testified about this or not, but I wish you would tell me what distance you save in putting the canal across there where it is proposed to put it; what distance do you save in going around the peninsula?

Captain RUDE. I would have to guess. I would say the canal would probably be about 275 or 300 miles long. The distance around, I would say, would be about 800 or 900 miles. But I am guessing on that. You mean down from Carrabelle, down around Key West, on the outside?

Mr. JOHNS. Yes.

Captain RUDE. I am guessing when I say I would think it would be about 800 miles.

The CHAIRMAN. You say the channel across would be about 275 miles?

Captain RUDE. I am guessing at that.

The CHAIRMAN. You are estimating the distance from Carrabelle?

Captain RUDE. Yes; I am estimating it is about 220 miles from Port St. Joe to Jacksonville by the route over which the pipe lines would go, and the proposed canal swings down in a curve southward.

The CHAIRMAN. If the canal extended down the shore, or followed the shore line—

Captain RUDE (interposing). That would be longer. If they should go along the coast, it would be longer.

Mr. CULKIN. What is the controlling depth of the St. Johns River?

Captain RUDE. Deep-draft vessels navigate it.

The CHAIRMAN. It is 13 feet from Palatka to Jacksonville, 55 miles.

Mr. CULKIN. That would be where the proposed canal would come out—at Palatka.

The CHAIRMAN. Yes.

Mr. CULKIN. I was thinking about the terminus of the pipe line.

Captain RUDE. On the St. Johns River side?

Mr. CULKIN. Yes.

Captain RUDE. That would be in deep water. Deep-draft vessels could navigate there.

Mr. CULKIN. How far down?

Captain RUDE. Jacksonville is located about 27 miles from the sea.

Mr. CULKIN. What is the length of the St. Johns River?

Captain RUDE. About 285 miles. Its course is parallel to the coast.

The CHAIRMAN. It runs due north.

Captain RUDE. Yes, sir. Due north to Jacksonville, and then flows due east.

Mr. RANKIN. The gentleman from New Yoark asked a moment ago how much farther the traffic would have to be carried if it went