

*Capt. Jeremiah Briggs.* Have commanded a merchantman 32 years. Voyages have been generally to the East Indies. Have been to Rio, and other South American ports. It is customary, when hailed, if from Salem, to answer from Boston, as Boston is a port more known than Salem, particularly to foreign navigators; was never on the coast of Guinea.

*Mr. Dunlap.* Suppose a clipper, bound for the coast of Africa, to sail from the Havana on the 20th of August; and such a vessel as the Mexican, a dull sailer, to start from Salem the 29th, for Rio Janeiro; would they be likely to meet, and if so, where? They would be more likely to meet in lat. 33, lon. 34-30 (the place where the Mexican was robbed), than at any other spot on the chart. The schooner would have to sail about one thousand miles more than the other. The route to the East In-

*Capt. Benj. Rich.* A vessel sailing from Salem to S. America or the East Indies, would cross the line at 22 or 26 lon.; not lower than 27. In going from Salem, she would steer to the east as far as lon. 30 or 35. A fast vessel would not go so far before she would haul to take the trade winds. A vessel sailing from the Havana on the 20th of August, would pass out of the gulf of Florida, and keep the gulf stream till she arrived near Cape Hatteras; she would then strike off to the east, keeping a little north, and as she approached our coast, could not be a great distance from any vessel

and the Brazils, is the same as to Rio.

*Mr. Dunlap.* Suppose the vessels started, the Mexican on the 29th, and the clipper on the 26th, would they then be likely to meet? I think, if there were no difference in their rates of sailing, the brig ought to be ahead of the schooner. If they met, however, at all, they would meet at the point above stated (lat. 30, lon. 34-30).

*Cross-examined.* I never made the voyage to Africa, but have been in sight of the coast of Guinea. Know the different rates of sailing between a clipper and such vessels as the Mexican. It would depend greatly on the wind; but the schooner, in a light wind, and sailing on the wind, would beat the brig one-half. In a strong wind and a fresh sea, going free, the schooner would not beat the brig so much. The latter would, perhaps, go nine knots, and the former eleven.

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which left Salem on the 29th of August.

*Mr. Dunlap.* Suppose the clipper sailed from the Havana on the 26th, and the brig on the 29th, would they still be likely to meet, or not? They would come near each other, because at that season of the year, the clipper would get along very fast. The winds in August are light, and would give her great advantage over the brig.

*Cross-examined.* The runs made by merchantmen depend entirely upon the winds they may happen to have. The Liverpool packets make up from about one hundred to one hun-