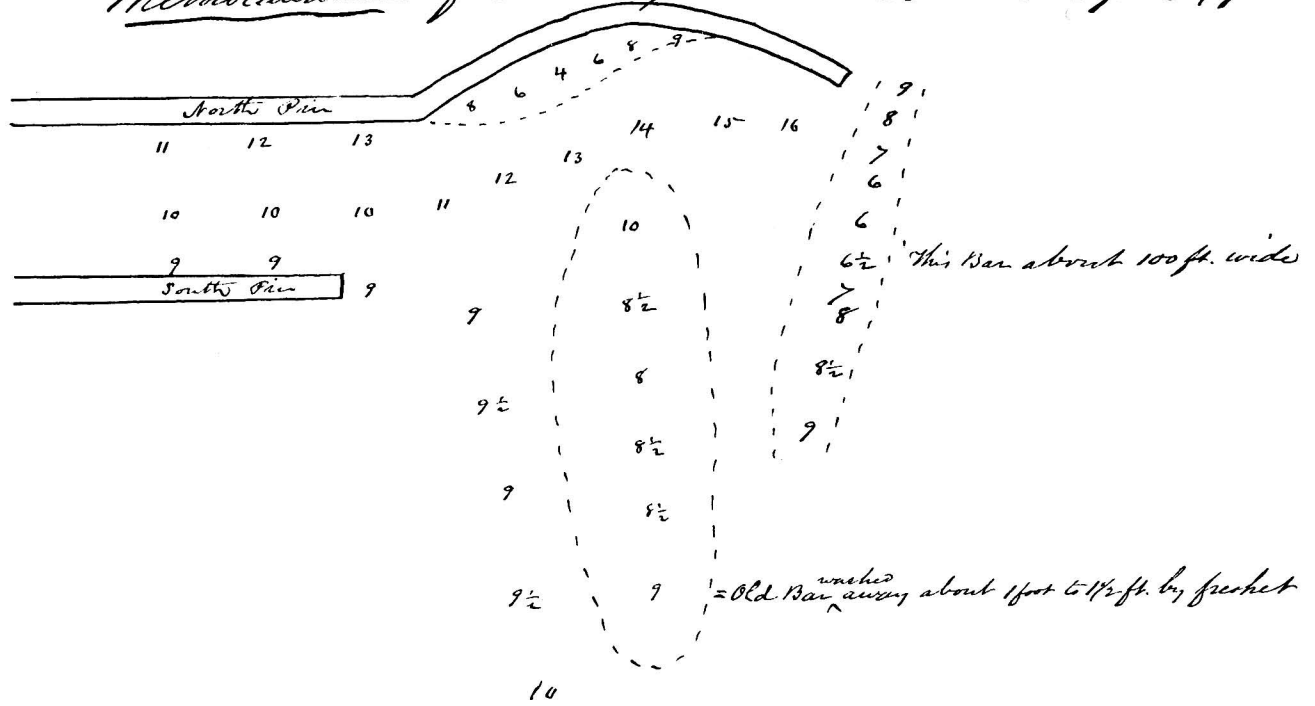


Memorandum of soundings taken March 29<sup>th</sup> 1849



The above is a rough sketch of the present state of Chicago Harbor — the principal obstruction to the navigation for vessels entering the Harbor appears to be <sup>this</sup> narrow bar at the end of the North pier, a channel ~~there~~ which, could be made <sup>by</sup> seven or eight deep water of the Steam Dredge — there are but two sand scows both in a damaged condition, one of which is ashore on the south side of the South pier, the other is full of water & made fast inside of the South pier — two more of the sand scows are, I understand ashore at the Calumet which could be hauled out there & repaired & towed into this Harbor — these four scows if repaired would be sufficient to work the Dredge at the mouth of the Harbor, so the sand would have to be carried only a short distance.

Chicago — }  
 March 30<sup>th</sup> 1849 }

Wm. Gambel

H. R. Poyson Esq