

On board the dredger "Sulina"
22nd May 1873.

My dear Mr. Nichol

I have watched the dredging operation these last two days and so far as I can see the unloading of the Barges is performed cheaper by manual labour than we could do it by "Moustique" seeing that eight men does the work @ an average of 15 piastres per day = 120 piastres. The "Moustiques" consumption could not be reckoned at less than $\frac{3}{4}$ of a ton to 1 Ton per day say 250 piastres for Coal oil & tallow - then one Fireman @ 18 piastres a Boy @ 12 in all 280 Pias as against 120. I am of opinion never the less that if you were to arrange for the "Somorai" that the loading and unloading could be effected more expeditiously and at less cost. The more so as the dredging advances, as they will have further to go, and as the bank gets higher the greater number of Barges will be made. Then there is the coil of rope for pulling the Barges always rearing out, which by the way was cut yesterday by the Steamer "Hyperion" coming down

down getting entangled in the rope which causes detention and delay, which would I fancy be obviated by using the "Somovai". In my estimation for "Moustique" you can see I have made no allowance for a Steersman.

By adopting the "Somovai" you could count on seven men less, and she would be very usefull when changing ~~anchors~~ Chains &c. - If you consider it practicable we might try her for a week or so. She has ample power, if 80 of our men can pull them now, and her consumption so much lighter than "Moustique".

Up to and including yesterday there was dredged about 285 feet making 27 Bores at a cost of about 532½ pisters per day more
 say " " 330 " for Coals
 " " 21 " Oil tallow waste
 882½ = say 8 £ per day
 add 15% " 1-14 men + team
 £ 9-14 - " or
 say 5¾ per Cubic meter.

Am Dear Sir
 Yrs obedtly
 Wm A. Hadden

P.S. Might this not be a favourable opportunity for the purchase of the small launch belonging the "Mk's" if she could be bought

Reasonably cheap A.H.

60	14	Burys on 22 ^d
<u>285</u>	<u>27</u>	
345	41	

Subbing added in tow of
Simpson broke Burys track
line on 23^d -

1873

22 Mai

M^r Kadden
Du Dragueur · Joulina