

Imperial Government of Japan.

LIGHTHOUSE ESTABLISHMENT

Yokohama August 17<sup>th</sup> 1874.

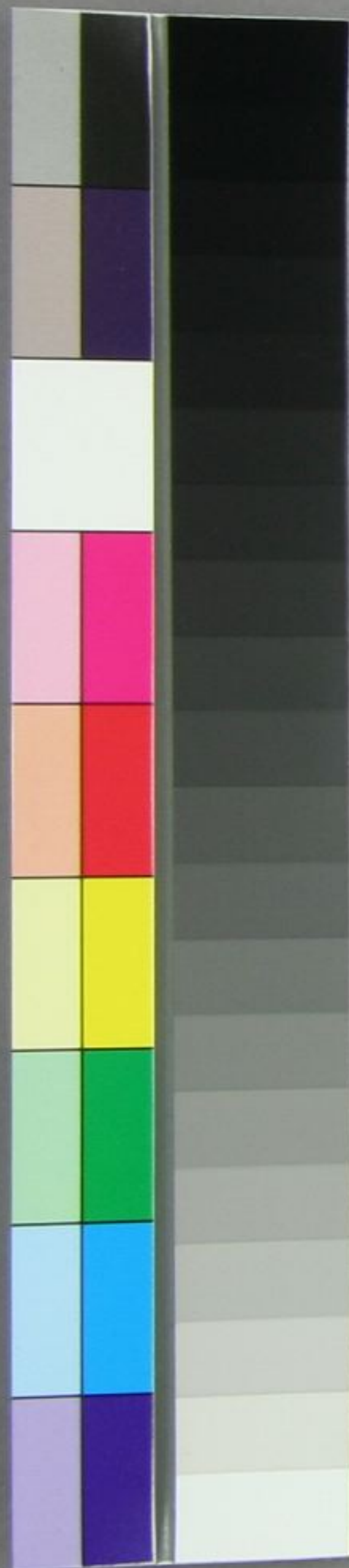
To

His Excellency  
Kamada Sukenobu.

Sir

I beg to inform you that I yesterday proceeded on board the American Steamer "Luzon", in company with Mr. Kelly whose report I herewith enclose. I agree with that gentleman that the best thing for this Ship would be to take the present engines and Boilers out, and replace them by those at Isagasaki if they can be had. This would give the Ship a very large carrying capacity, and her consumption of Coal per day would only be about 10 tons, her speed however may probably not be as great as with her present Machinery, I think it would be about 9 knots per hour, which is quite sufficient for all ordinary purposes.

Her Main Deck is well worn and at last the Centre part of it should be renewed, at the time the Machinery is shifted, various small repairs will also be necessary. This I informed Mr. Walsh who said I should be commence any other repairs he feared questions may arise between himself and the Government as to how far he should go, and that in order to





prevent the possibility of anything of the sort happening, he would be willing to take the sum of sixty five thousand Dollars for the ship as she stands. This offer is I think a very reasonable one, still however I am of an opinion it would be to the Government interest to have the ship handed over in good order throughout. I judge that besides the cost of putting in the new Machinery it would take about \$10,000 for the other repairs, to this must be added salaries for Captain & portion of Crew during the time repairs are being executed.

I would therefore recommend that for the Machinery be had at Nagasaki, an offer of something like one hundred and ten thousand Dollars \$110,000 be made for her, to include all necessary repairs, that is that the ship be put in good order throughout. For this purpose it would be necessary to send Mr. Kelly on board to draw up a careful list of everything to be done, and for Mr. Walsh to agree to the same, so that no question could afterwards arise. Provided the ship receives this new Machinery and is put into proper repair I consider her value would be from \$120,000 to \$125,000.

If however it is impossible to obtain the Machinery at Nagasaki, it would then be a matter for further consideration, as to what would be the next best thing to be done, and I am inclined to think



it would be to give her two Boilers,  
thoroughly repair the present Engines,  
& fit them with a Surface Condenser,  
this according to Mr. Kely report  
would reduce the consumption of Coal  
to about 18 Tons per day. In this latter  
case it would probably be best to  
buy the ship as she is, and run her  
for a short time whilst the Boilers  
are being built. To convert the  
present Engines into Compound ones  
Mr. Kely does not strongly recommend.

I am Sir  
Your obedient servant.  
A. Brown